SECTION FOR 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"

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 includes seat belt switch inputs and 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.

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.

Wiring Diagrams and Trouble Diagnosis

When you read wiring diagrams, refer to the following:

- Refer to GI-15, "How to Read Wiring Diagrams" in GI section.
- Refer to <u>PG-4, "POWER SUPPLY ROUTING CIRCUIT"</u> for power distribution.

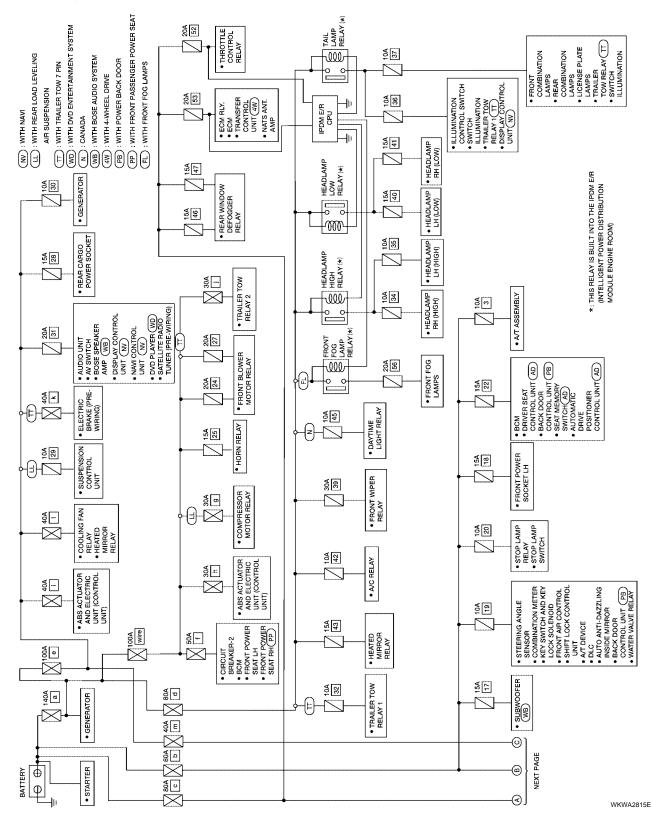
When you perform trouble diagnosis, refer to the following:

- Refer to GI-11, "HOW TO FOLLOW TEST GROUPS IN TROUBLE DIAGNOSES" in GI section.
- Refer to GI-27, "How to Perform Efficient Diagnosis for an Electrical Incident" in GI section.

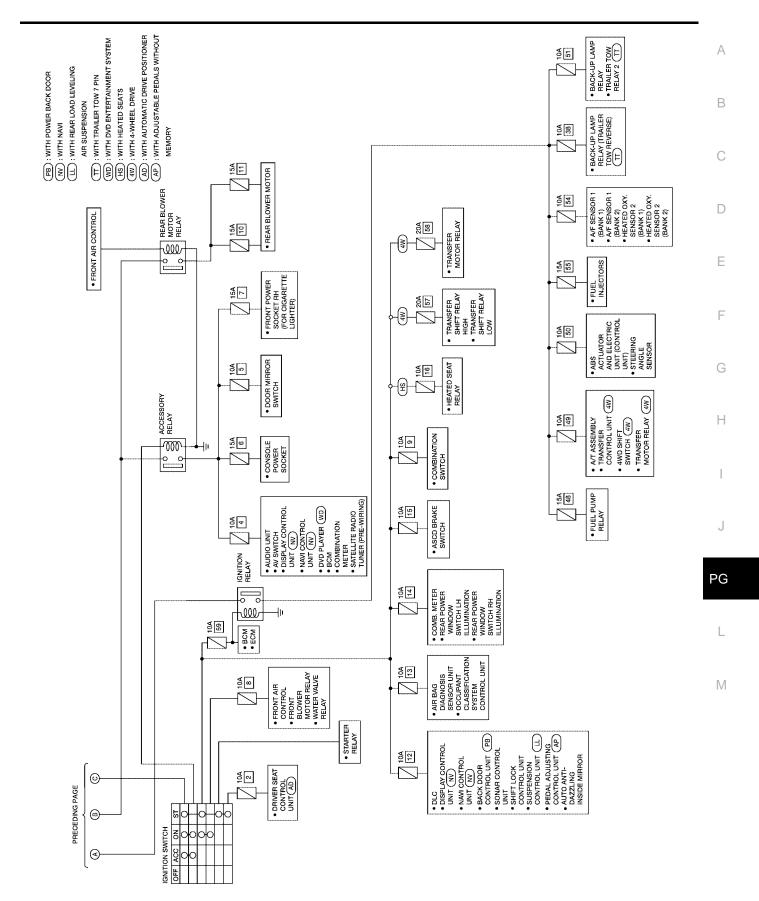
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Schematic

For detailed ground distribution, refer to PG-29, "Ground Distribution" .



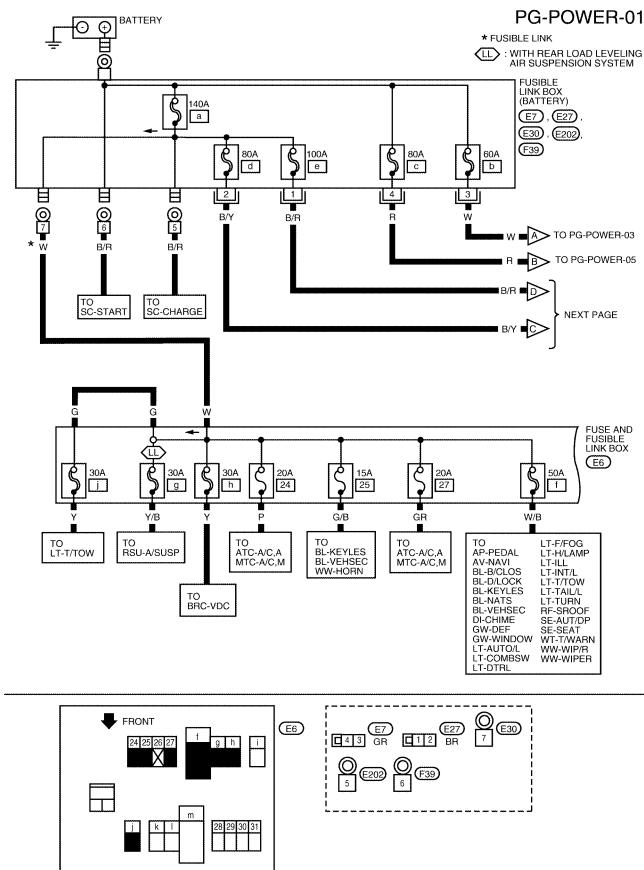
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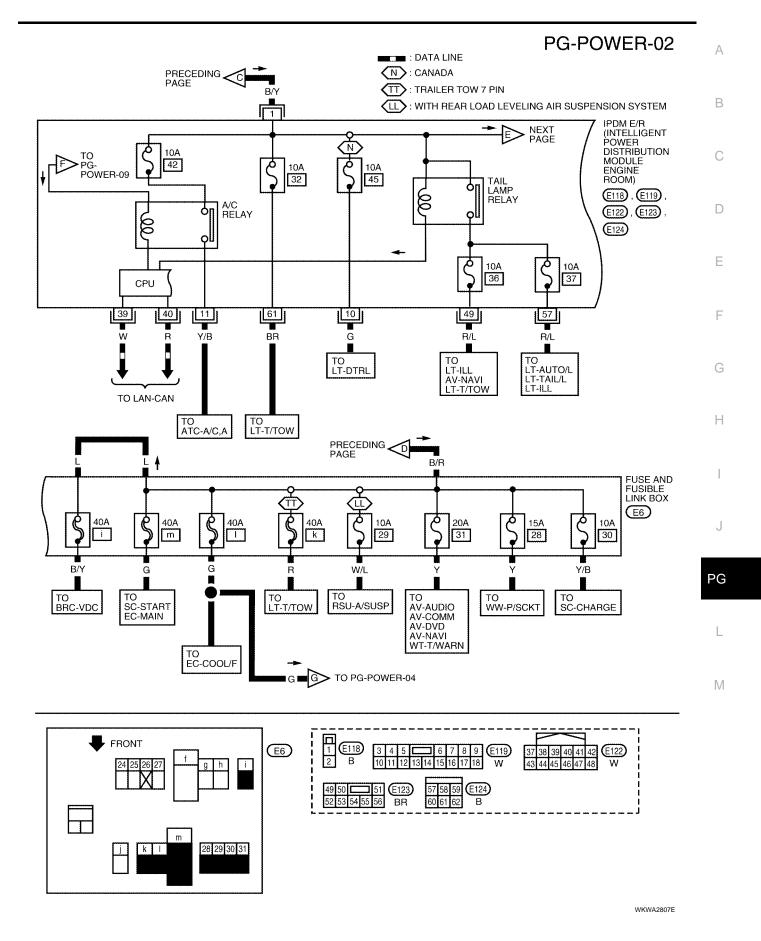
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Wiring Diagram — POWER — BATTERY POWER SUPPLY — IGNITION SW. IN ANY POSITION

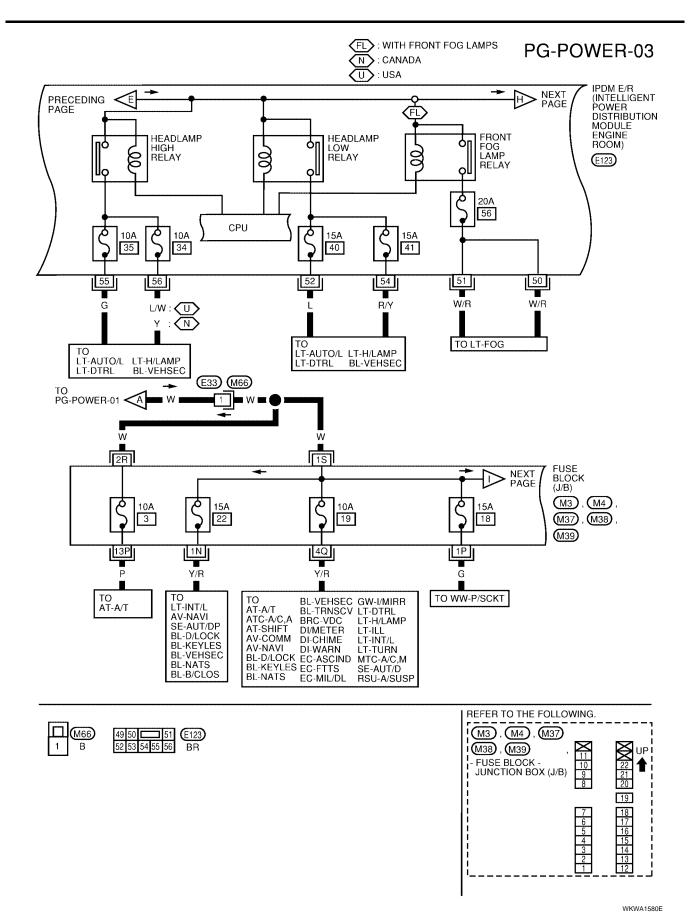


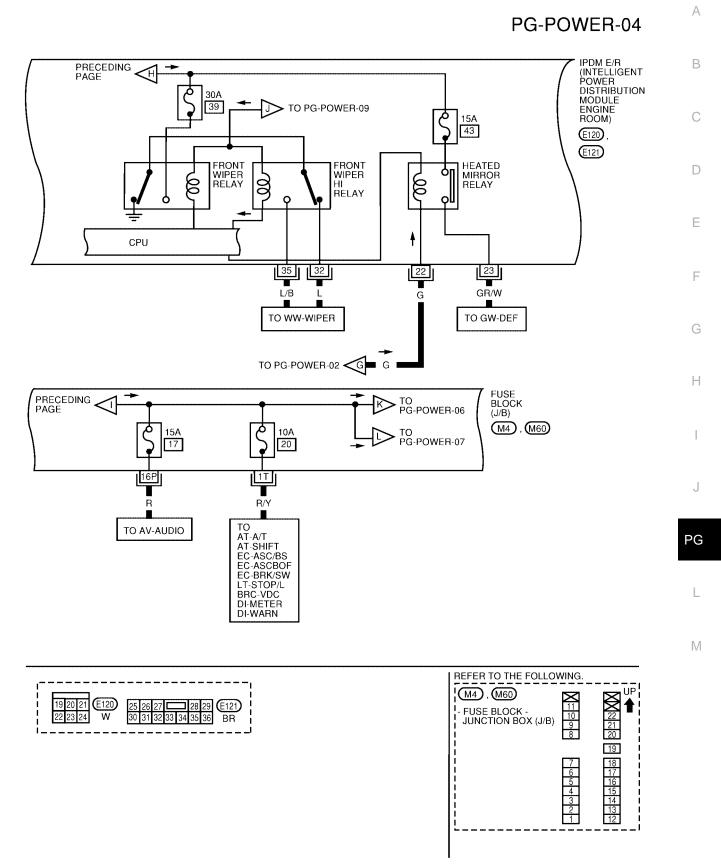


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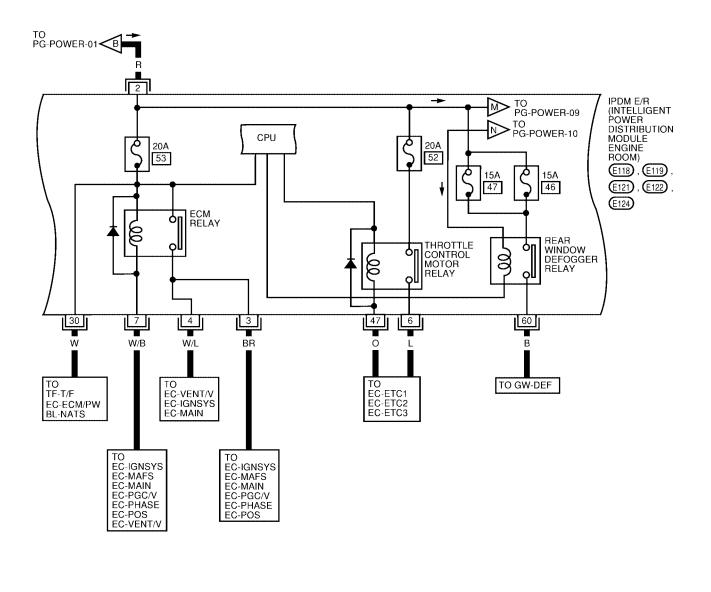
Revision: January 2005

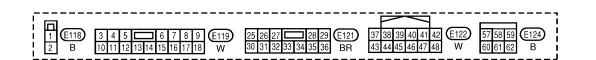




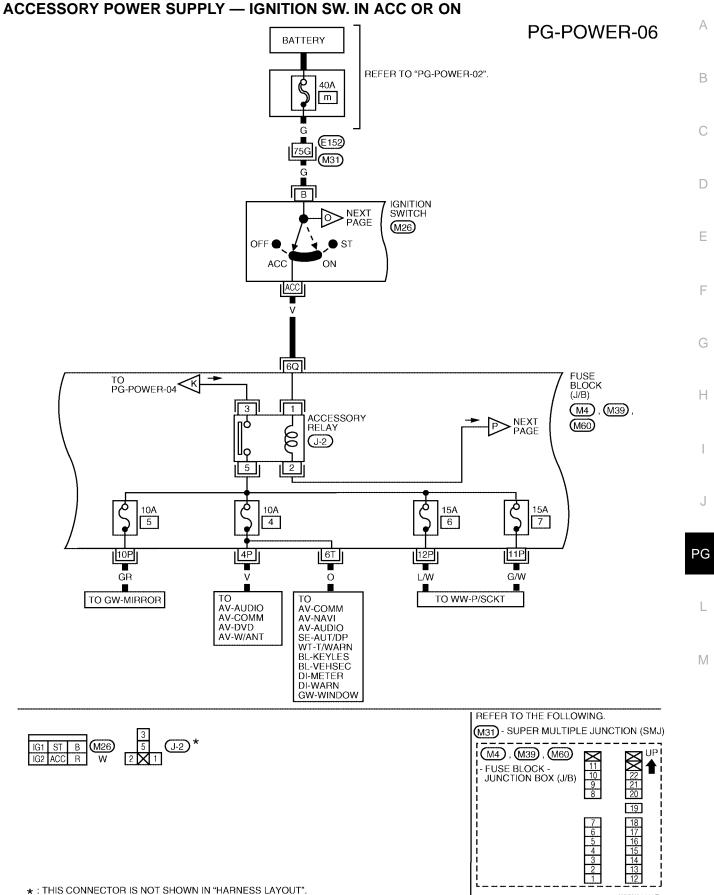
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PG-POWER-05





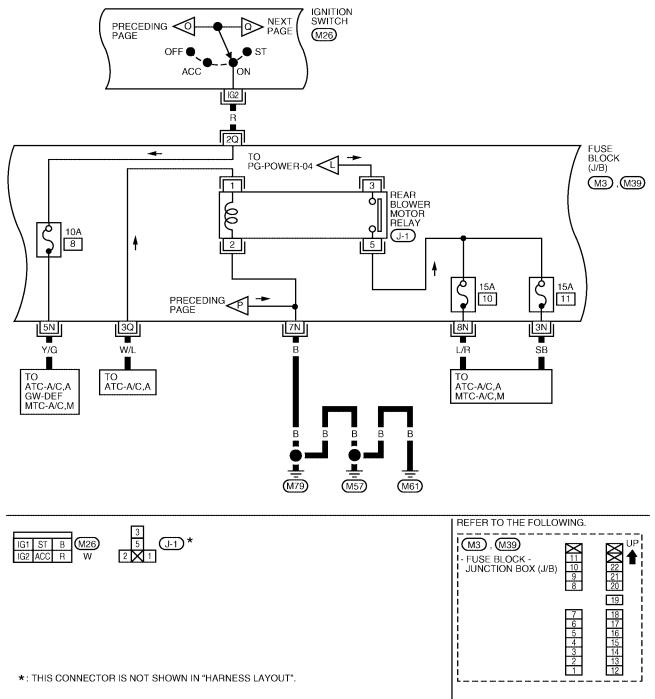
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IGNITION POWER SUPPLY — IGNITION SW. IN ON

PG-POWER-07

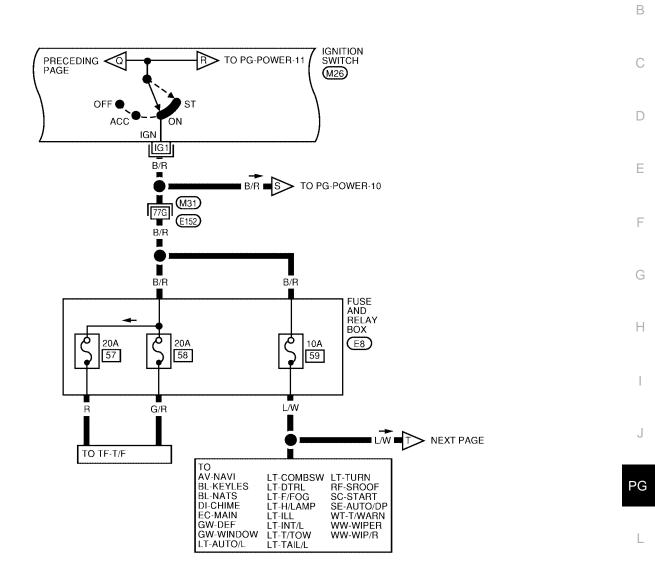


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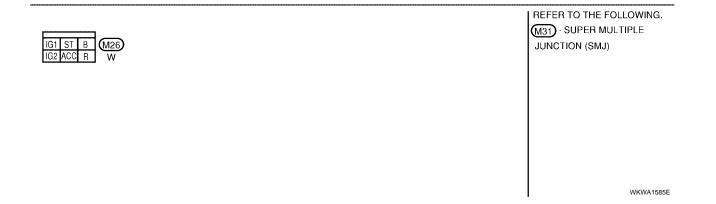
IGNITION POWER SUPPLY — IGNITION SW. IN ON AND/OR START



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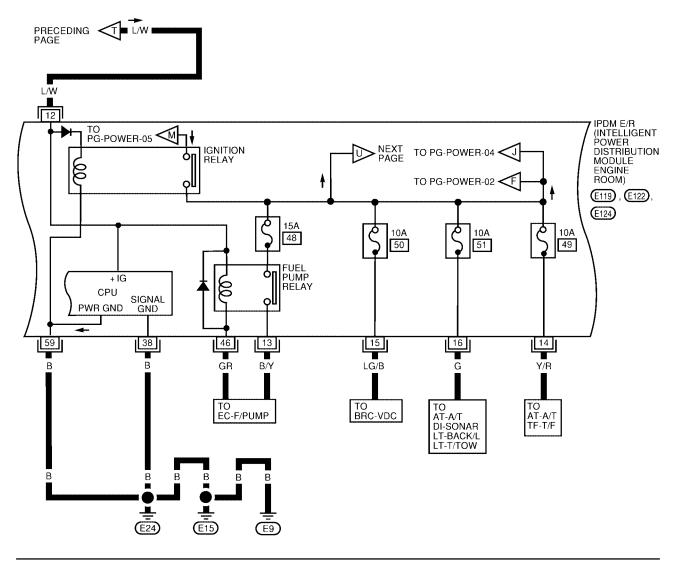


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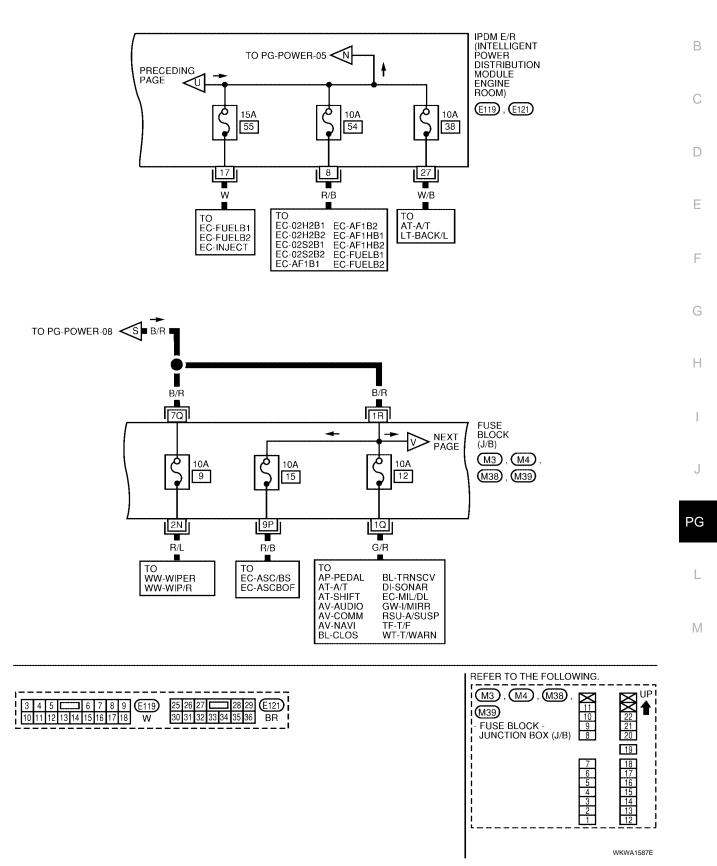


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÷	3	4	5			6	7	8	9	(E119)	37	38	39	40	41	42	(E122)	57 58 5	9 (E124)	
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PG-POWER-10

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Revision: January 2005

IGNITION SWITCH TO PG-POWER-08 M26 OFF ST ACC ON L R ST BR LG TO SC-START 7P FUSE BLOCK (J/B) PRECEDING -PAGE M4), M39 6 م Q م 10A 10A 10A 10A 13 14 16 2 5P 5Q 6P 14P T T W/L O/L G/W 0 TO SRS-SRS TO SE-AUT/DP то ТО TO AT-A/T AV-COMM AV-NAVI BRC-VDC DI-METER DI-WARN SE-HSEAT BL-NATS DI-WARN DI-AT/IND EC-ASCIND EC-FTTS EC-MIL/DL GW-WINDOW GW-WINDOW LT-DTRL LT-H/LAMP LT-ILL LT-TURN RSU-A/SUSP SC-CHARGE SRS-SRS WT-T/WARN TE-T/F TF-T/F



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PG-POWER-11

IP	DM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	А
Sy	eksooers	
•	IPDM E/R (Intelligent Power Distribution Module Engine Room) integrates the relay box and fuse block which were originally placed in engine compartment. It controls integrated relays via IPDM E/R control circuits.	В
•	IPDM E/R-integrated control circuits perform ON-OFF operation of relays, CAN communication control, etc.	С
•	It controls operation of each electrical component via ECM, BCM and CAN communication lines.	
	UTION:	D
	ne of the IPDM E/R integrated relays can be removed.	
	STEMS CONTROLLED BY IPDM E/R	
1.	Lamp control Using CAN communication lines, it receives signals from the BCM and controls the following lamps:	E
	• Headlamps (Hi, Lo)	
	Parking lamps	F
	Tail lamps	
	 Front fog lamps 	
2.	Wiper control Using CAN communication lines, it receives signals from the BCM and controls the front wipers.	G
3.	Rear window defogger relay control Using CAN communication lines, it receives signals from the BCM and controls the rear window defogger relay.	Н
4.	A/C compressor control	
	Using CAN communication lines, it receives signals from the ECM and controls the A/C compressor (magnetic clutch).	Ι
5.	Starter control Using CAN communication lines, it receives signals from the ECM and controls the starter relay.	J
6.	Cooling fan control Using CAN communication lines, it receives signals from the ECM and controls the cooling fan relays.	
7.	Horn control	PG
	Using CAN communication lines, it receives signals from the BCM and controls the horn relay.	
	N COMMUNICATION LINE CONTROL	
H-I	th CAN communication, by connecting each control unit using two communication lines (CAN L-line, CAN ine), it is possible to transmit a maximum amount of information with minimum wiring. Each control unit can insmit and receive data, and reads necessary information only.	L
1.	Fail-safe control	M
	• When CAN communication with other control units is impossible, IPDM E/R performs fail-safe control. After CAN communication returns to normal operation, it also returns to normal control.	

• Operation of control parts by IPDM E/R during fail-safe mode is as follows:

Controlled system	Fail-safe mode
Headlamp	• With the ignition switch ON, the headlamp (low) is ON.
neauamp	• With the ignition switch OFF, the headlamp (low) is OFF.
Tail and parking lamps	• With the ignition switch ON, the tail and parking lamps are ON.
	• With the ignition switch OFF, the tail and parking lamps are OFF.
Cooling for	• With the ignition switch ON, the cooling fan HI operates.
Cooling fan	• With the ignition switch OFF, the cooling fan stops.
Front wiper	Until the ignition switch is turned off, the front wiper LO and HI remains in the same status it was in just before fail–safe control was initiated.
Rear window defogger	Rear window defogger relay OFF

Controlled system	Fail-safe mode
A/C compressor	A/C compressor OFF
Front fog lamps	Front fog lamp relay OFF

IPDM E/R STATUS CONTROL

In order to save power, IPDM E/R switches status by itself based on each operating condition.

- 1. CAN communication status
 - CAN communication is normally performed with other control units.
 - Individual unit control by IPDM E/R is normally performed.
 - When sleep request signal is received from BCM, mode is switched to sleep waiting status.
- 2. Sleep waiting status
 - Process to stop CAN communication is activated.
 - All systems controlled by IPDM E/R are stopped. When 1 second has elapsed after CAN communication with other control units is stopped, mode switches to sleep status.
- 3. Sleep status
 - IPDM E/R operates in low current-consumption mode.
 - CAN communication is stopped.
 - When a change in CAN communication signal is detected, mode switches to CAN communication status.
 - When a change in ignition switch signal is detected, mode switches to CAN communication status.

CAN Communication System Description

Refer to LAN-5, "CAN COMMUNICATION" .

Function of Detecting Ignition Relay Malfunction

- When the integrated ignition relay is stuck in a "closed contact" position and cannot be turned OFF, IPDM E/R turns ON tail and parking lamps for 10 minutes to indicate IPDM E/R malfunction.
- When the state of the integrated ignition relay does not agree with the state of the ignition switch signal received via CAN communication, the IPDM E/R activates the tail lamp relay.

Ignition switch signal	Ignition relay status	Tail lamp relay
ON	ON	—
OFF	OFF	—
ON	OFF	—
OFF	ON	ON (10 minutes)

NOTE:

When the ignition switch is turned ON, the tail lamps are OFF.

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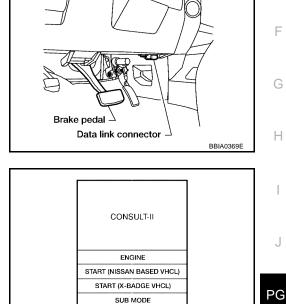
CONSULT-II Function (IPDM E/R)				
CONSULT-II can display each diagnostic item using the diagnostic test modes shown following.				
Inspection Item, Diagnosis Mode	Description			
SELF-DIAG RESULTS	The IPDM E/R performs diagnosis of CAN communication and self-diagnosis.	E		
DATA MONITOR	The input/output data of the IPDM E/R is displayed in real time.			
ACTIVE TEST	The IPDM E/R sends a drive signal to electronic components to check their operation	'n.		
CAN DIAG SUPPORT MNTR	The result of transmit/receive diagnosis of CAN communication can be read.			

CONSULT-II BASIC OPERATION

CAUTION:

If CONSULT-II is used with no connection of CONSULT-II CONVERTER, malfunctions might be detected in self-diagnosis depending on control unit which carries out CAN communication.

 With the ignition switch OFF, connect CONSULT-II and CON-SULT-II CONVERTER to the data link connector, then turn ignition switch ON.



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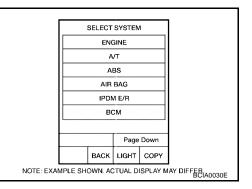
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2. Touch "START (NISSAN BASED VHCL)".

3. Touch "IPDM E/R" on "SELECT SYSTEM" screen.

Revision: January 2005

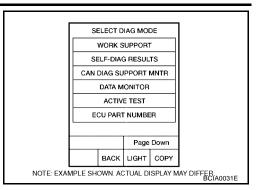
 If "IPDM E/R" is not displayed, print "SELECT SYSTEM" screen, then refer to <u>LAN-3</u>, "PRECAUTIONS".



LIGHT COPY

NOTE: EXAMPLE SHOWN. ACTUAL DISPLAY MAY DIFFER.

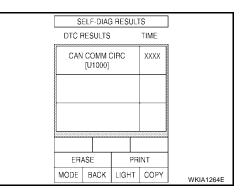
4. Select the desired part to be diagnosed on the "SELECT DIAG MODE" screen.



SELF-DIAGNOSTIC RESULTS

Operation Procedure

- 1. Touch "SELF-DIAG RESULTS" on "SELECT DIAG MODE" screen.
- 2. Self-diagnosis results are displayed.



Display Item List

Disalau itaasa	CONSULT-II		TI	ME	Possible causes
Display items	display code	Malfunction detection	CRNT	PAST	
NO DTC IS DETECTED. FURTHER TESTING MAY BE REQUIRED.	_	_	_	_	_
CAN COMM CIRC	U1000	 If CAN communication reception/transmission data has a malfunction, or if any of the control units fail, data reception/transmission cannot be confirmed. When the data in CAN communication is not received before the specified time. 	x	x	Any of items listed below have errors: • TRANSMIT DIAG • ECM • BCM/SEC

NOTE:

The details for display of the period are as follows:

- CRNT: Error currently detected with IPDM E/R.
- PAST: Error detected in the past and placed in IPDM E/R memory.

DATA MONITOR

Operation Procedure

- 1. Touch "DATA MONITOR" on "SELECT DIAG MODE" screen.
- 2. Touch "ALL SIGNALS", "MAIN SIGNALS" or "SELECT FROM MENU" on the "DATA MONITOR" screen.

ALL SIGNALS	All signals will be monitored.
MAIN SIGNALS	Monitors the predetermined item(s).
SELECT FROM MENU	Selects and monitors individual signal(s).

- 3. Touch "START".
- 4. Touch the required monitoring item on "SELECT ITEM MENU".

5. Touch "RECORD" while monitoring to record the status of the item being monitored. To stop recording, touch "STOP".

			Мо	onitor item se	election		
Item name	CONSULT-II screen display	Display or unit	ALL SIGNALS	MAIN SIGNALS	SELECT FROM MENU	Description	
Motor fan request	MOTOR FAN REQ	1/2/3/4	х	Х	х	Signal status input from ECM	-
Compressor request	AC COMP REQ	ON/OFF	х	Х	х	Signal status input from ECM	-
Tail & clear request	TAIL & CLR REQ	ON/OFF	х	Х	х	Signal status input from BCM	-
H/L LO request	HL LO REQ	ON/OFF	Х	Х	Х	Signal status input from BCM	-
H/L HI request	HL HI REQ	ON/OFF	Х	Х	Х	Signal status input from BCM	-
FR fog request	FR FOG REQ	ON/OFF	Х	Х	Х	Signal status input from BCM	-
FR wiper request	FR WIP REQ	STOP/1LOW/ LOW/HI	х	Х	х	Signal status input from BCM	-
Wiper auto stop	WIP AUTO STOP	ACT P/STOP P	х	Х	х	Output status of IPDM E/R	-
Wiper protection	WIP PROT	OFF/Block	Х	Х	Х	Control status of IPDM E/R	-
Starter request	ST RLY REQ	ON/OFF	Х		Х	Status of input signal NOTE	-
Ignition relay status	IGN RLY	ON/OFF	х	х	х	Ignition relay status monitored with IPDM E/R	-
Rear defogger request	RR DEF REQ	ON/OFF	х	Х	х	Signal status input from BCM	-
Oil pressure switch	OIL P SW	OPEN/CLOSE	х		х	Signal status input from IPDM E/R (function is not enabled)	-
Hood switch	HOOD SW	OFF	х			Signal status input from IPDM E/R (function is not enabled)	-
Theft warning horn request	THFT HRN REQ	ON/OFF	х		х	Signal status input from BCM	
Horn chirp	HORN CHIRP	ON/OFF	Х		Х	Output status of IPDM E/R	- 1
Daytime running lamp request	DTRL REQ	ON/OFF	х		х	Signal status input from BCM	-

All Signals, Main Signals, Select From Menu

NOTE:

Perform monitoring of IPDM E/R data with the ignition switch ON. When the ignition switch is in ACC position, display may not be correct.

ACTIVE TEST

Operation Procedure

- 1. Touch "ACTIVE TEST" on "SELECT DIAG-MODE" screen.
- 2. Touch item to be tested, and check operation.
- 3. Touch "START".
- 4. Touch "STOP" while testing to stop the operation.

Test name	CONSULT-II screen display	Description
Rear defogger output	REAR DEFOGGER	With a certain ON-OFF operation, the rear defogger relay can be oper- ated.
Front wiper (HI, LO) output	FRONT WIPER	With a certain operation (OFF, HI ON, LO ON), the front wiper relay (Lo, Hi) can be operated.
Cooling fan output	MOTOR FAN	With a certain operation (1, 2, 3, 4), the cooling fan can be operated.

А

Test name	CONSULT-II screen display	Description
Lamp (HI, LO, TAIL, FOG) output	EXTERNAL LAMPS	With a certain operation (OFF, HI ON, LO ON, TAIL ON, FOG ON), the lamp relay (Low, High, Tail, Fog) can be operated.
Cornering lamp output	CORNERING LAMP	_
Horn output	HORN	With a certain ON-OFF operation, the horn relay can be operated.

Auto Active Test DESCRIPTION

In auto active test mode, operation inspection can be performed when IPDM E/R sends a drive signal to the following systems:

- Rear window defogger
- Front wipers
- Tail and parking lamps
- Front fog lamps
- Headlamps (Hi, Lo)
- A/C compressor (magnetic clutch)
- Cooling fan

OPERATION PROCEDURE

1. Close hood and front door RH, and lift wiper arms away from windshield (to prevent glass damage by wiper operation).

NOTE:

When auto active test is performed with hood opened, sprinkle water on windshield beforehand.

- 2. Turn ignition switch OFF.
- 3. Turn ignition switch ON and, within 20 seconds, press front door switch LH 10 times. Then turn ignition switch OFF.
- 4. Turn ignition switch ON within 10 seconds after ignition switch OFF.
- 5. When auto active test mode is actuated, horn chirps once.
- 6. After a series of operations is repeated three times, auto active test is completed.

NOTE:

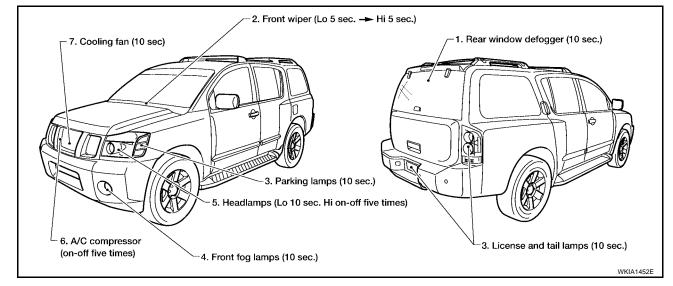
When auto active test mode has to be cancelled halfway, turn ignition switch OFF.

CAUTION:

Be sure to perform <u>BL-28, "Door Switch Check"</u> when the auto active test cannot be performed.

INSPECTION IN AUTO ACTIVE TEST MODE

• When auto active test mode is actuated, the following seven steps are repeated three times.



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Concept of Auto Active Test

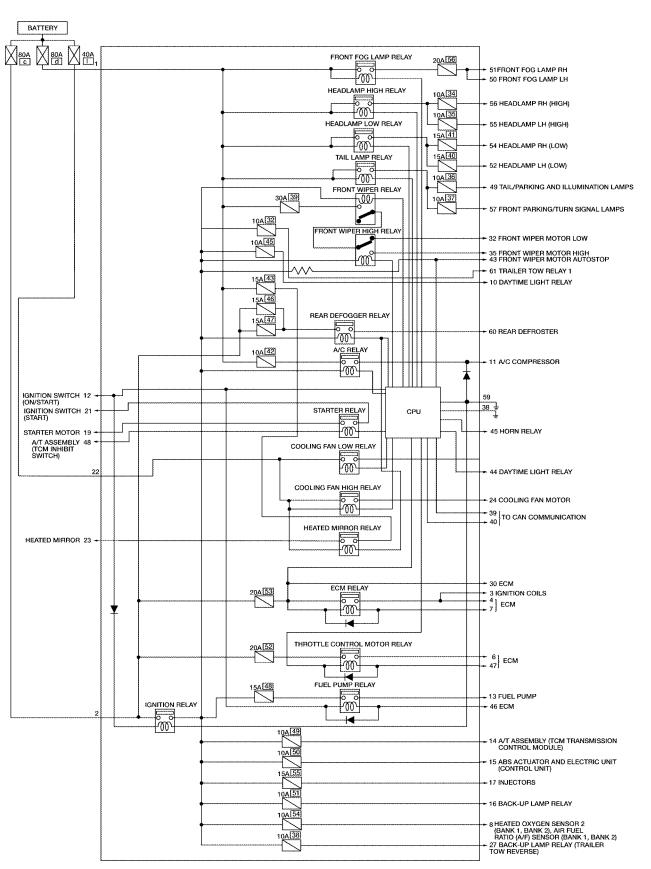
- IPDM E/R actuates auto active test mode when it receives door switch signal from BCM via CAN communication line. Therefore, when auto active test mode is activated successfully, CAN communication between IPDM E/R and BCM is normal.
- If any of the systems controlled by IPDM E/R cannot be operated, possible cause can be easily diagnosed B using auto active test.

Diagnosis chart in auto active test mode

Symptom	Inspection conte	nts	Possible cause
		YES	BCM signal input circuit
	Perform auto active		Rear window defogger relay
Rear window defogger	test. Does rear win-		Open circuit of rear window defogger
does not operate.	dow defogger oper- ate?	NO	IPDM E/R malfunction
			Harness or connector malfunction between IPDM E/R and rear window defogger
		YES	BCM signal input system
Any of front wipers, tail	Perform auto active		Lamp/wiper motor malfunction
and parking lamps, front fog lamps, and head-	test. Does system in		 Lamp/wiper motor ground circuit malfunction
lamps (Hi, Lo) do not operate.	question operate?	NO	 Harness/connector malfunction between IPDM E/R and system in question
			IPDM E/R (integrated relay) malfunction
		YES	BCM signal input circuit
			 CAN communication signal between BCM and ECM
A/C compressor does	Perform auto active test. Does magnetic clutch operate?		 CAN communication signal between ECM and IPDM E/R
not operate.			Magnetic clutch malfunction
		NO	 Harness/connector malfunction between IPDM E/R and magnetic clutch
			IPDM E/R (integrated relay) malfunction
		YES	ECM signal input circuit
	Perform auto active test. Does cooling fan operate?	IES	CAN communication signal between ECM and IPDM E/R
Cooling fan does not			Cooling fan motor malfunction
operate.		NO	 Harness/connector malfunction between IPDM E/R and cooling fan motor
			 IPDM E/R (integrated relay) malfunction

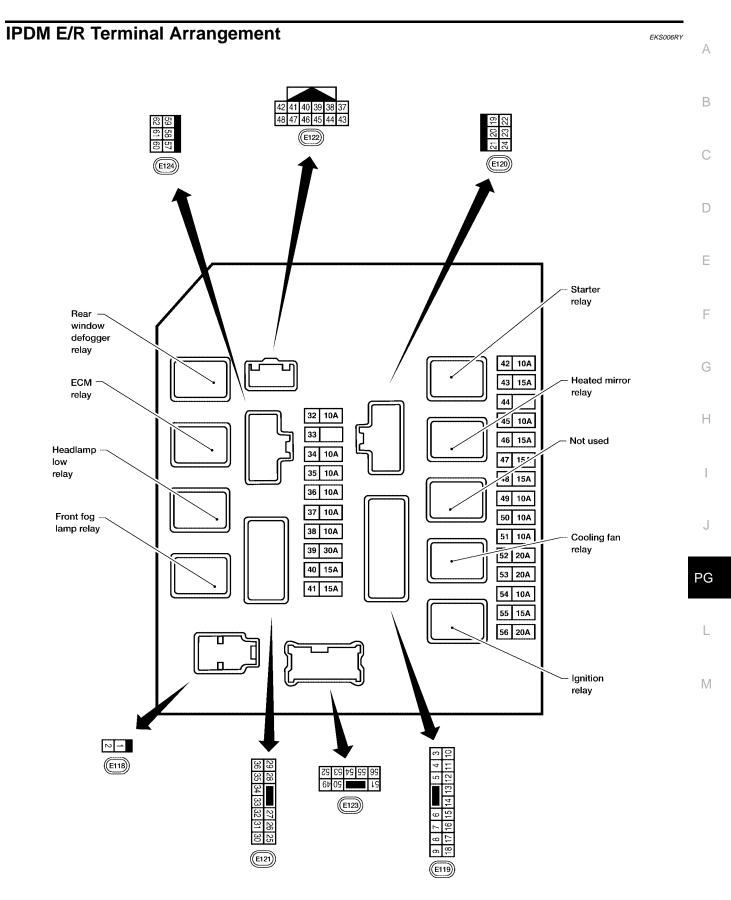
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Schematic



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IPDM E/R Power/Ground Circuit Inspection

1. FUSE AND FUSIBLE LINK INSPECTION

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• Check that the following fusible links or IPDM E/R fuses are not blown.

Terminal No.	Signal name	Fuse, fusible link No.	
1, 2, 22	Battery power	a, c, d, e, l	

OK or NG

OK >> GO TO 2.

NG >> Replace fuse or fusible link.

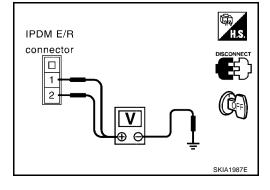
2. POWER CIRCUIT INSPECTION

- 1. Disconnect IPDM E/R harness connector E118.
- 2. Check voltage between IPDM E/R harness connector E118 terminals 1 (B/Y), 2 (R) and ground.

Battery voltage should exist.

OK or NG

- OK >> GO TO 3.
- NG >> Repair or replace IPDM E/R power circuit harness.



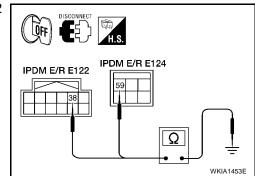
3. GROUND CIRCUIT INSPECTION

- 1. Disconnect IPDM E/R harness connectors E122 and E124.
- 2. Check continuity between IPDM E/R harness connector E122 terminal 38 (B), and E124 terminal 59 (B) and ground.

Continuity should exist.

OK or NG

- OK >> Inspection End.
- NG >> Repair or replace ground circuit harness of IPDM E/R.



Inspection with CONSULT-II (Self-Diagnosis)

CAUTION:

If a CONSULT-II is used with no connection of CONSULT-II CONVERTER, malfunctions might be detected in self-diagnosis depending on which control unit(s) carry out CAN communication.

1. SELF-DIAGNOSIS RESULT CHECK

- 1. Connect CONSULT-II and select "IPDM E/R" on the Diagnosis System Selection screen.
- 2. Select "SELF-DIAG RESULTS" on the diagnosis mode selection screen.
- 3. Check display content in self-diagnosis results.

CONSULT-II Display	CONSULT-II	ONSULT-II TI		Details of diagnosis result	
CONSOLT-II Display	display code	CRNT	PAST	Details of diagnosis result	
NO DTC IS DETECTED. FURTHER TESTING MAY BE REQUIRED.	—	_	_	No malfunction	
CAN COMM CIRC	U1000	x	x	Any of items listed below have errors: • TRANSMIT DIAG • ECM • BCM/SEC	

NOTE:

The Details for Display for the Period are as follows:

- CRNT: Error currently detected by IPDM E/R.
- PAST: Error detected in the past and stored in IPDM E/R memory.

Contents displayed

NO DTC DETECTED. FURTHER TESTING MAY BE REQUIRED.>>INSPECTION END. CAN COMM CIRC>>Print out the self-diagnosis result and refer to <u>LAN-5, "CAN COMMUNICATION"</u>.

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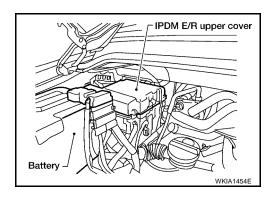
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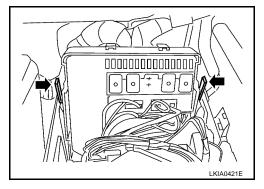
Removal and Installation of IPDM E/R REMOVAL

- 1. Disconnect negative battery cable.
- 2. Remove IPDM E/R upper cover.

- 3. Release 2 clips and pull IPDM E/R up from case.
- 4. Disconnect IPDM E/R connectors and remove the IPDM E/R.



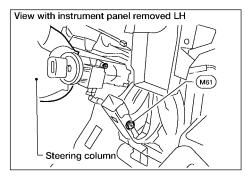
EKS006S1



INSTALLATION

Installation is in the reverse order of removal.

GROUND CIRCUIT Ground Distribution MAIN HARNESS



		CONNECTOR NUMBER	CONNECT TO
		(M5)	Illumination control switch
		M20	BCM (Terminal 67)
		M21)	NATS antenna amp
		M22)	Data link connector (Terminal 4)
 Body ground	•	M22	Data link connector (Terminal 5)
	•	M24)	Combination meter (Terminal 17)
		M28	Combination switch (Terminal 12)
		M35	Air bag diagnosis sensor
	•	M47)	Steering angle sensor
		(M51)	Front blower switch
		(M87)	Rear power vent window relay (open)
		(M89)	Rear power vent window relay (close)
		(M97)	Heated seat relay
	•	M112	BOSE speaker amp (Terminal 17)
	•	(M122)	Variable blower control
	•	M139	Diode-1
$\overline{\mathbf{A}}$	M75 0101 Front door RH harness	0107	Door mirror RH (door mirror defogger)
∨ Next page	(M56) (M201) Console sub-harness		A/T device (Terminal 2)
		M203	A/T device (Terminal 8)

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EKS006S2

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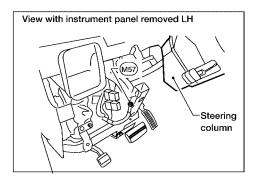
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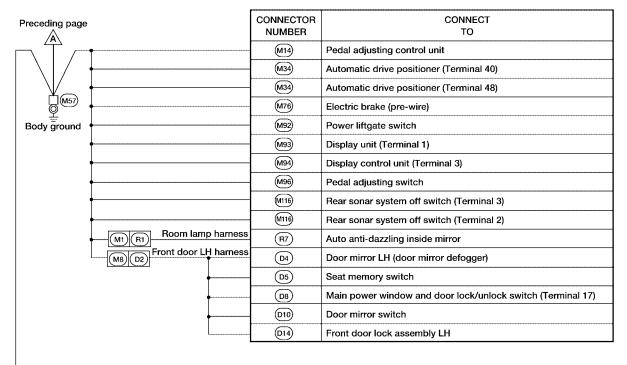
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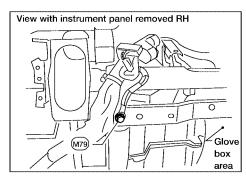
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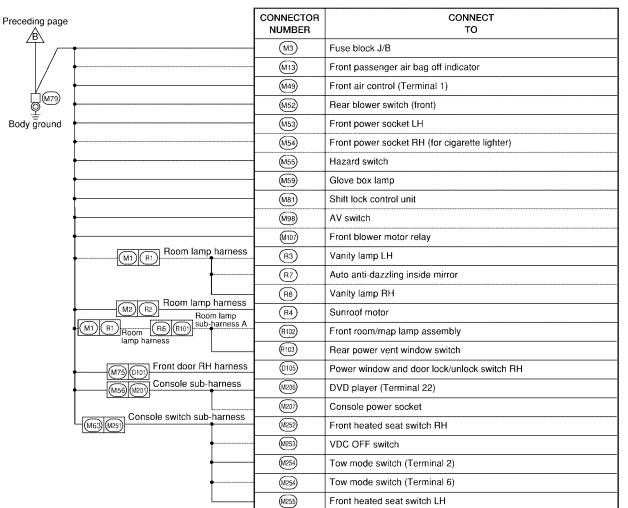




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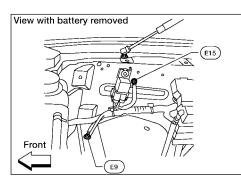
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ENGINE ROOM HARNESS

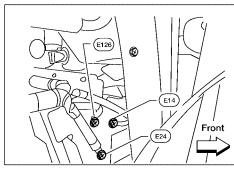


		CONNECTOR NUMBER	CONNECT TO
	•	E16	ECM (Terminal 115)
	•	E16	ECM (Terminal 116)
	E5 E14 Engine Control Harness	(F12)	Heated oxygen sensor 2 (bank 2)
Ψ	Knock sensor	(F13)	Heated oxygen sensor 2 (bank 1)
Body ground	F26 F101 sub-harness	(F102)	Knock sensor (bank 1) shield
		(F104)	Knock sensor (bank 2) shield
	E2 F32 Engine Control Harness	F 9	A/T assembly (TCM) (Terminal 10)
	•	F9	A/T assembly (TCM) (Terminal 5)
	•	(F11)	Crankshaft position sensor (POS)
	•	(F23)	Camshaft position sensor (PHASE)
	•	(F50)	Electric throttle control actuator (throttle position sensor shield)
		(F54)	ECM (Terminal 1)
		CONNECTOR NUMBER	CONNECT TO
	+	E3	Horn
		 [E1]	Front combination lamp LH (headlamp) (Terminal 3)
		 E11	Front combination lamp LH (headlamp) (Terminal 4)
	•	 E21	Brake fluid level switch
을 Body ground	L	E102	Front fog lamp RH
			Destine l'altra la

Body ground		EIOZ	Front tog lamp RH	
		E103	Daytime light relay	Ι
		E106	Washer fluid level switch	I
		E113	Cooling fan motor	Ī
		E116	Condenser 2	Ī
		E148	Trailer tow relay 1	I
	E19 F33 Engine Control Harness	(F68)	Water valve	Ī
	E41 C1 Chassis Harness	C5	Fuel level sensor unit and fuel pump (fuel pump)	Ī
		(0)	Suspension air compressor	Ī
		C12	License plate lamp]

Next page

WKIA3898E



ing page	CONNECTOR NUMBER	CONNECT TO
•	E46	Transfer shift high relay (Terminal 1)
•	(E46)	Transfer shift high relay (Terminal 4)
	(E47)	Transfer shift low relay (Terminal 1)
	(E47)	Transfer shift low relay (Terminal 4)
	(E130)	Compressor motor relay
	(E140)	Trailer tow relay 2
	(E148)	Trailer tow relay 1
	(E142)	Transfer control unit (Terminal 3)
E2 F32 Engine Control Harness	(F55)	ATP switch
	(F57)	Transfer motor
•	(F58)	Transfer control device (actuator position switch) (Terminal 22)
+	(F59)	Wait detection switch
	(F60)	Neutral-4LO switch
E41 C1 Chassis Harness	C2	Trailer
	(C9)	Suspension air compressor
		1
	CONNECTOR NUMBER	CONNECT TO
· · · · · · · · · · · · · · · · · · ·	E107	Front combination lamp RH (headlamp) (Terminal 3)
/	(E107)	Front combination lamp RH (headlamp) (Terminal 4)
	(E23)	Front wiper motor
E24	(E101)	Front fog lamp LH
⊑- ground •	(E122)	IPDM E/R (Terminal 38)
	E124)	IPDM E/R (Terminal 59)

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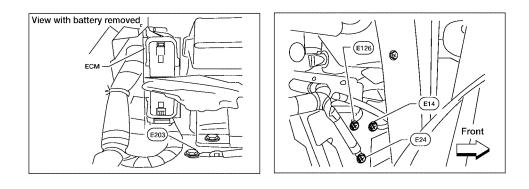
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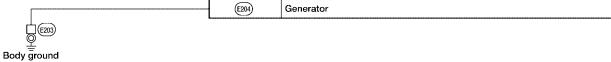
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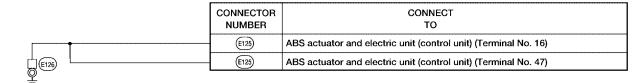
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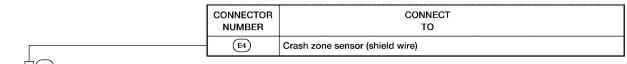


CONNECTOR NUMBER	CONNECT TO
 (E204)	Generator





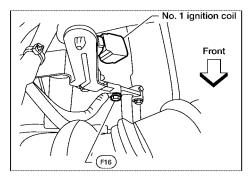
Body ground





WKIA1459E

ENGINE CONTROL HARNESS



	CONNECTOR NUMBER	CONNECT TO
· · · · ·	(F6)	Ignition coil No. 2 (with power transistor)
	(F7)	Ignition coil No. 4 (with power transistor)
	(F8)	Ignition coil No. 6 (with power transistor)
Body ground →	 (F21)	Condenser-1
Body ground	 (F47)	Ignition coil No. 1 (with power transistor)
	 (F48)	Ignition coil No. 3 (with power transistor)
1	 (F49)	Ignition coil No. 5 (with power transistor)
1	(F51)	Ignition coil No. 7 (with power transistor)
	 (F52)	Ignition coil No. 8 (with power transistor)

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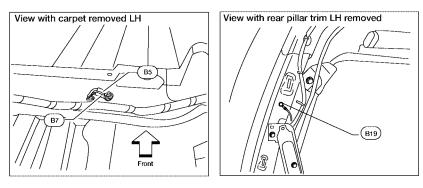
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WKIA1460E

BODY HARNESS



CONNECTOR NUMBER	CONNECT TO
 B15	LH side air bag satellite sensor (shield wire)



		CONNECTOR NUMBER	CONNECT TO
		B3	Suspension control unit (Terminal 16)
		B12	Seat belt buckle switch LH
(B7) ¹		B35	Rear combination lamp LH (turn signal)
Q .		(B55)	Back door control unit (Terminal 1)
ody ground		B55	Back door control unit (Terminal 2)
		(B56)	Sonar control unit
		(B63)	Back door close switch
•	Rear door LH harness B6 (020) Back door No. 2 (648) (640) LH harness Front seat	B70	Rear combination lamp LH (stop/tail lamp)
		B72	Subwoofer
		(D203)	Rear power window switch LH
		(D403)	High mounted stop lamp
	B3) P1 LH harness	P2	Driver seat control unit (signal ground) (Terminal 32)
		P3	Driver seat control unit (power ground) (Terminal 48)
	•	P8	Power seat switch LH (Terminal 3)
	Back door No. 2 LH Back door	 (P9)	Front seat heater LH
	B4B D401 hamess D405 D500 LH hamess	0502	Back door switch
		0503	Back door latch

Body ground

WKIA2813E

GROUND CIRCUIT

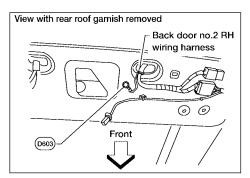
BODY NO. 2 HARNESS

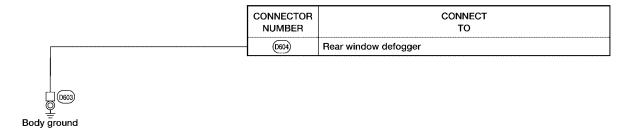
	Front (8112)	(B132)		
BII				
		CONNECTOR NUMBER	CONNECT]
		(B114)	RH side air bag satellite sensor (shield wire)	-
□ (B1	L]
Ŷ,	r			1
Body grou	ind	CONNECTOR NUMBER	CONNECT TO	
	-	(B105)	Rear combination lamp RH (turn signal)	
		B110	Seat belt buckle switch RH	
	·	(B118)	Front seat heater RH	
 □ (₿117)	•	B119	Condenser-3	
<u> </u>		(B120)	Condenser-4	1
dy ground		B130	Rear combination lamp RH (stop/tail lamp)	1
		B135	Back-up lamp RH	1
	•	(B138)	Rear cargo power socket	1
	•	(B151)	NAVI control unit (Terminal 1)	1
	•	(B151)	NAVI control unit (Terminal 4)	1
	Room lamp	(B152)	NAVI control unit (Terminal 30)	1
	B146 R201 sub-harness B	(R202)	Video monitor	1
		(R203)	Personal lamp 2nd row	
		(R204)	Rear audio remote control unit (Terminal 15)	
		(R205)	Personal lamp 3rd row	
	Back door No. 2 RH Back door	(R209)	Rear air control switch	
	No. 2 RH Back door	(D704)	Rear wiper motor (Terminal 3)	
		(0704)	Rear wiper motor (Terminal 5)	-
	Front seat	D706	Back door handle switch	
	R154 P103 RH harness	P108	Power seat switch RH	
	(B106) (D301) Rear door (B106) (D301) RH harness	(D303)	Rear power window switch RH	
	Front seat		CONNECT TO]
	B136 P151	P152	Occupant classification system control unit]

WKIA2814E

GROUND CIRCUIT

BACK DOOR NO. 2 RH HARNESS





WKIA1461E

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 LH View (Engine Compartment)
- Engine Room Harness RH View (Engine Compartment)
- Engine Control Harness
- Chassis Harness
- Body Harness
- Body No. 2 Harness

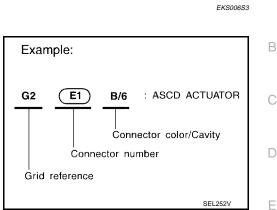
To use the grid reference

- 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 below.

Connector type	Water pr	oof type	Standard type					
Connector type	Male	Female	Male	Female				
Cavity: Less than 4Relay connector	Ø	Ĵ	Ø					
• Cavity: From 5 to 8	\bigcirc	\bigcirc	\bigcirc		J			
Cavity: 9 or More	\bigcirc	\bigcirc		\bigcirc	PG			
• Ground terminal etc.	-	_	Ø	2				

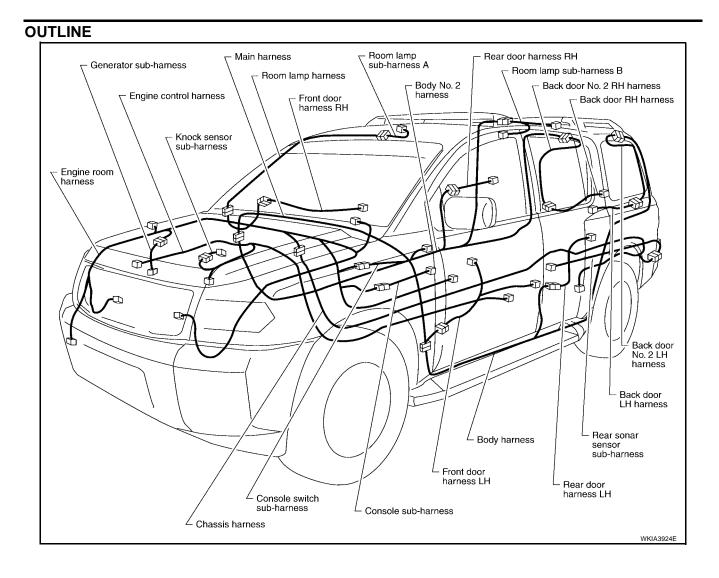


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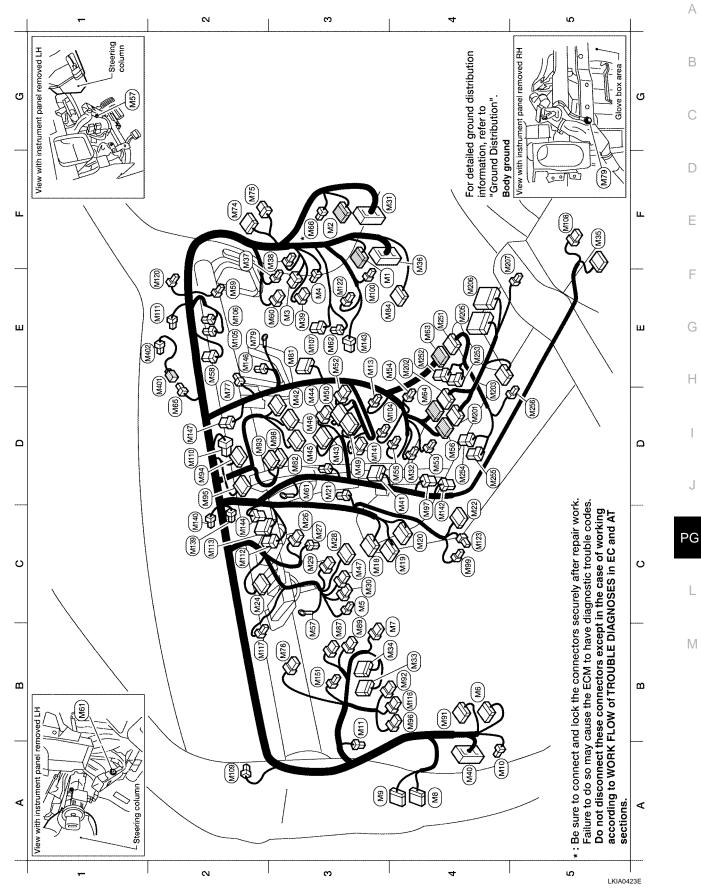
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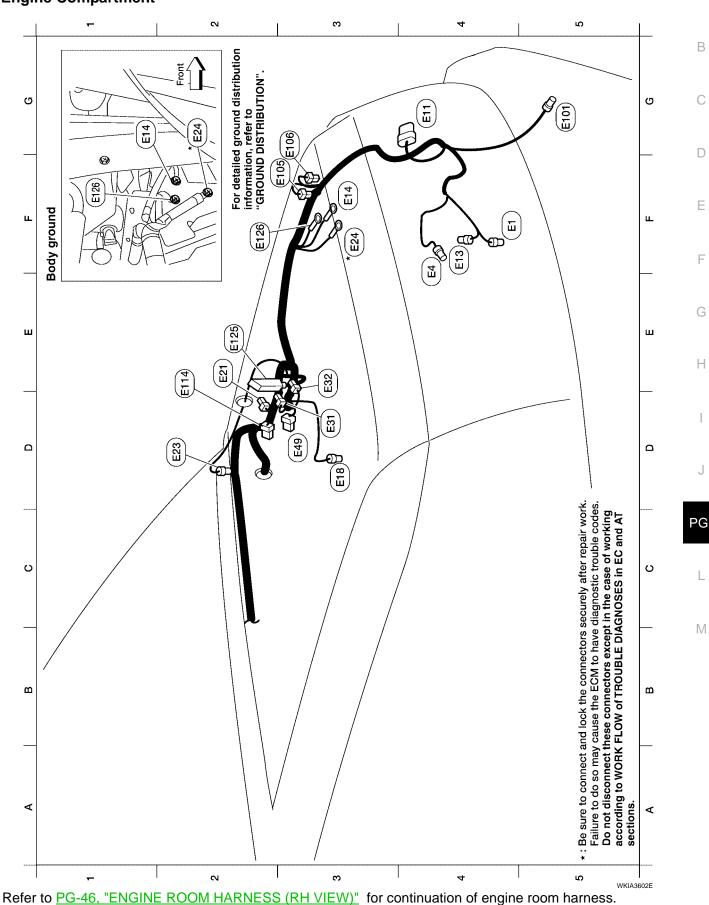
MAIN HARNESS



WKIA2815E

HARNESS

ENGINE ROOM HARNESS (LH VIEW) Engine Compartment



А

: Ambient sensor	: Crash zone sensor	: Front combination lamp LH	: Ambient sensor 2	: Body ground	: Front wheel sensor LH	: Brake fluid level switch	: Front wiper motor	: Body ground	: Front pressure sensor	: Rear pressure sensor	: Active booster	: Front fog lamp LH	: Washer motor	: Washer fluid level switch	: Delta S sensor	: ABS actuator and electric unit (control unit)	: Body ground
B/2	Y/2	GR/2	GR/2	ı	GR/2	GR/2	GR/6	ı	B/3	B/3	B/6	B/2	GR/2	BR/2	B/6	B/47	•
Ē	(E4	(Fill)	E13	E14	E18	(E21	E23	* E24	(E3	(E3	E49	ETOT	E105	E106	(E114	E125	(E126)
F4	E4	G4	F4	£	D3	E2	D2	F3	ß	E3	ñ	G5	F3	63	E2	E2	F2

PG-44

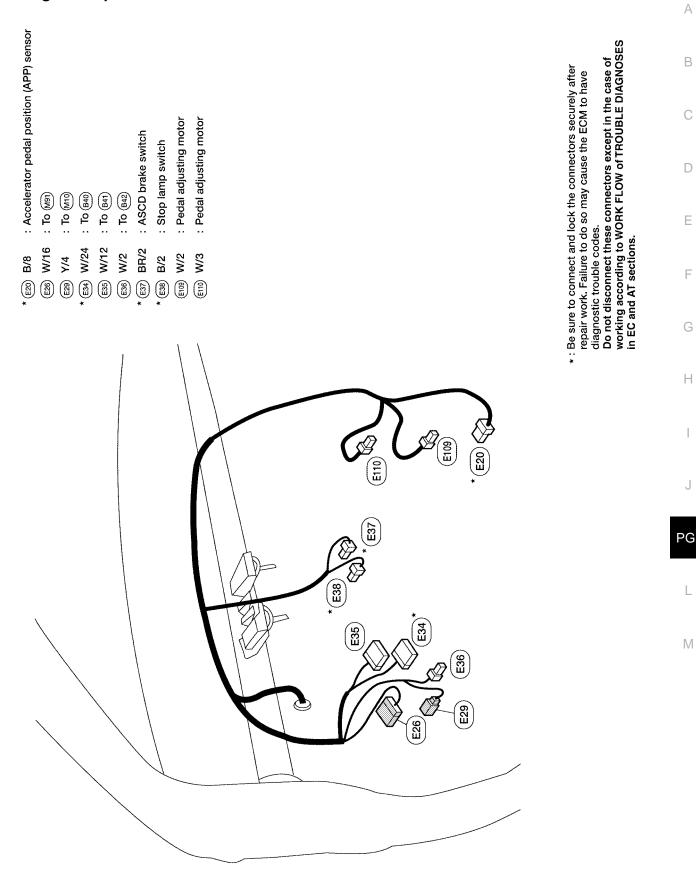
* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

HARNESS

2004 Pathfinder Armada

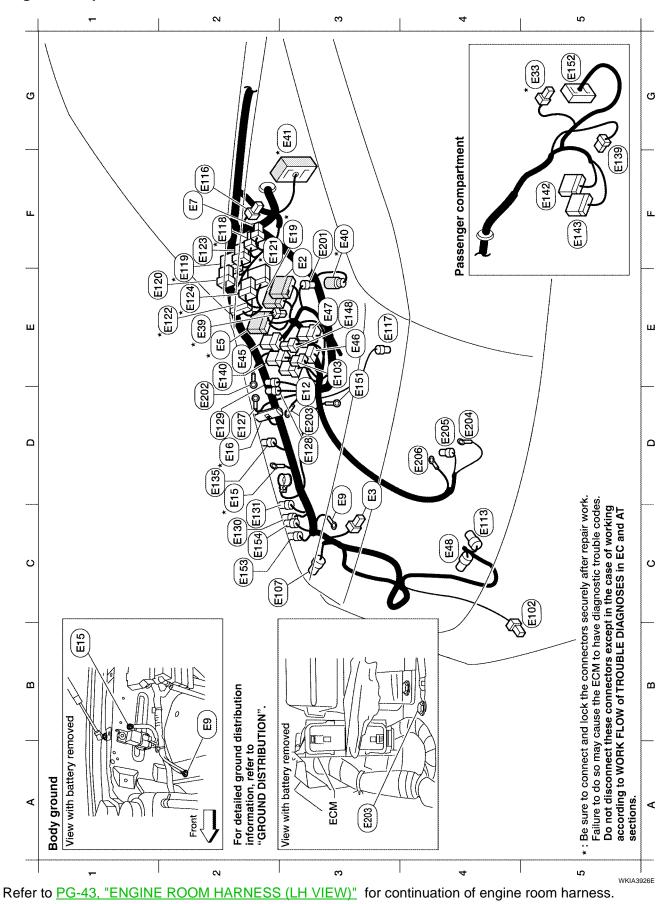
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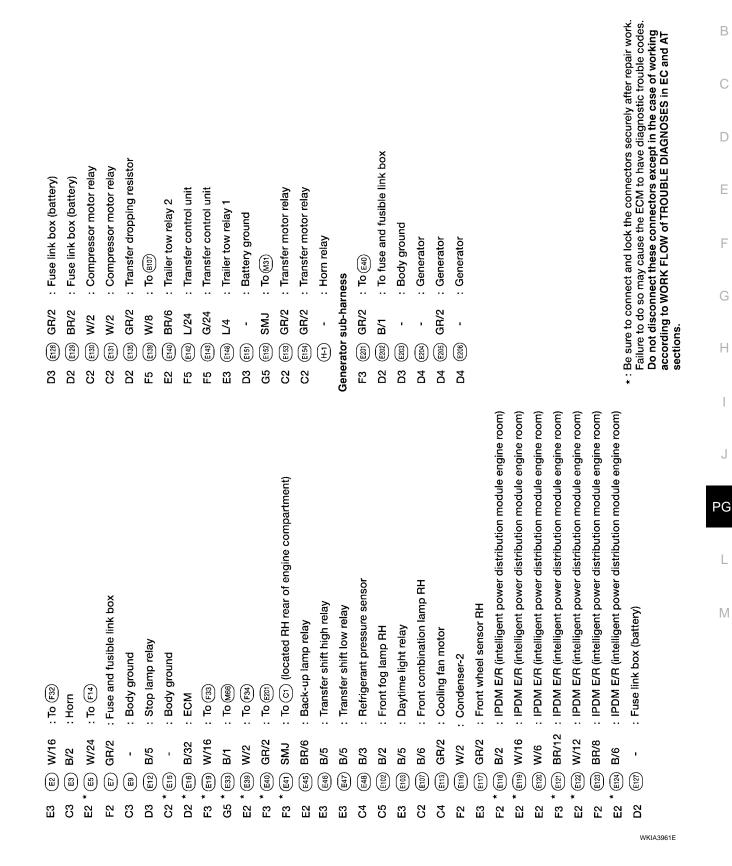


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ENGINE ROOM HARNESS (RH VIEW) Engine Compartment

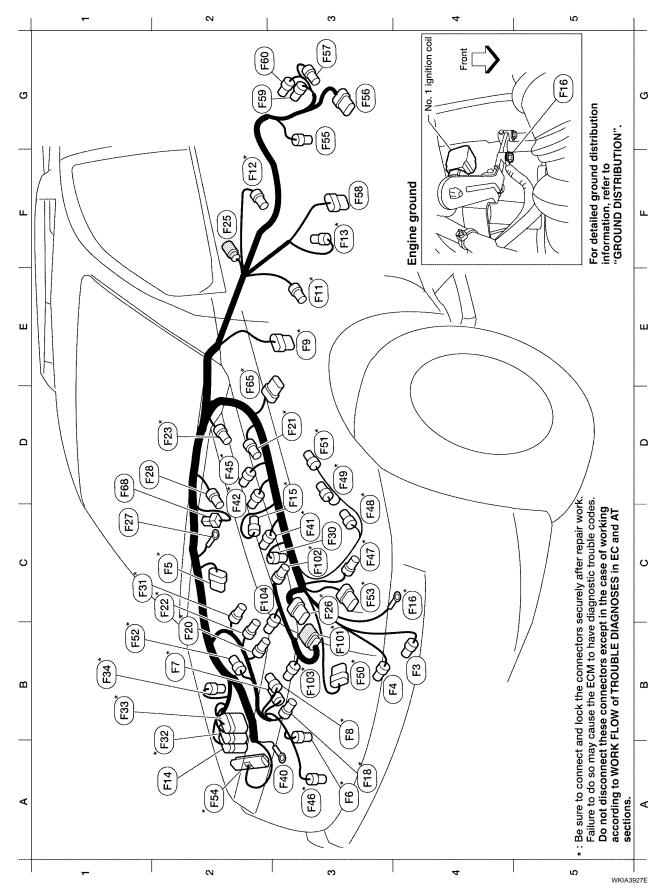


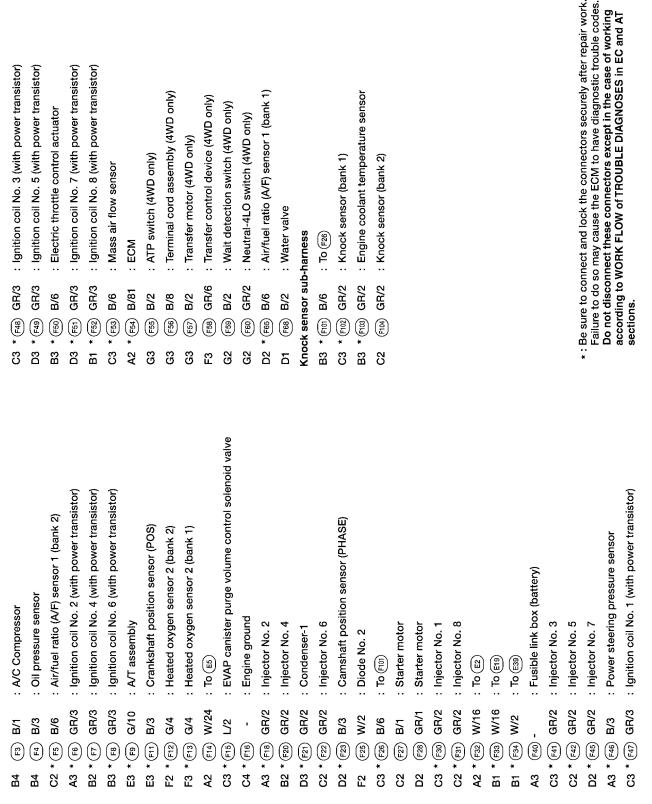
Revision: January 2005



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ENGINE CONTROL HARNESS





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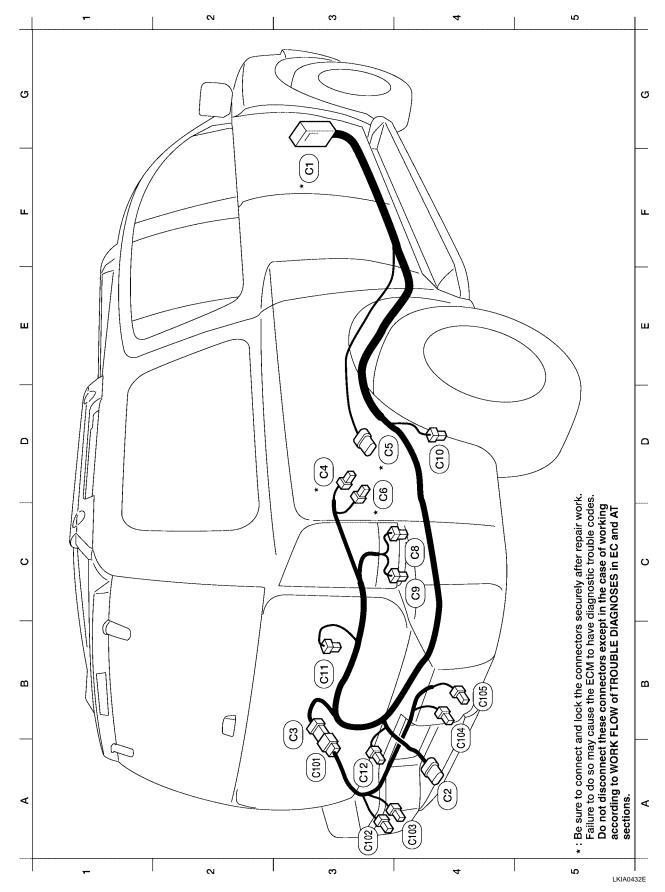
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CHASSIS HARNESS



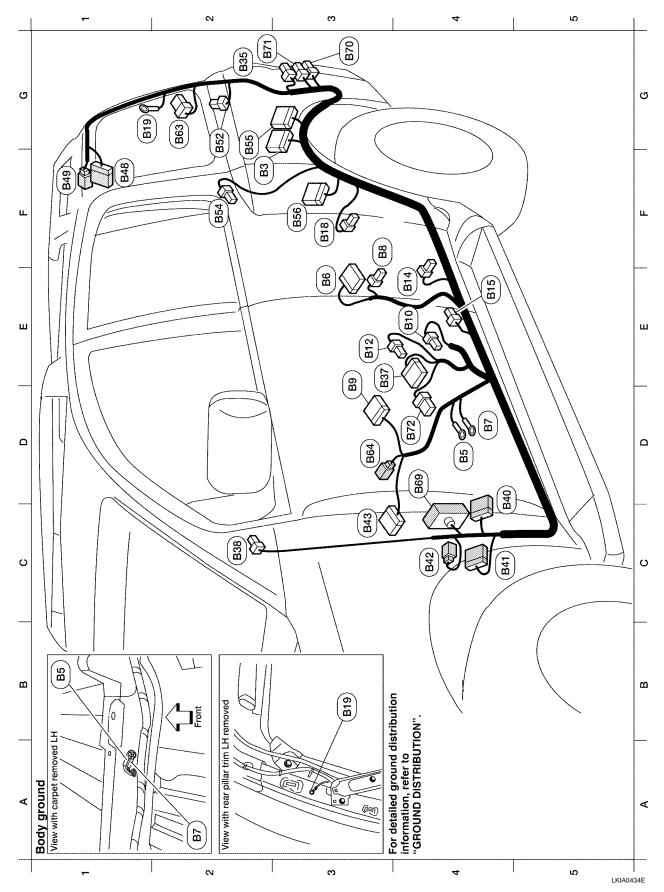
Revision: January 2005

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Х. S. BL	В
 *. Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the EGM 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. 	С
ecurely aff in the cas	D
nnectors s M to have o DIALE DIA(Е
ock the co se the ECN W of TROI	F
nnect and I wORK FLQ	G
Be sure to con Tailure to do s according to sections.	Н
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an compartment) and a compartmen	L
(located RH rear of engine ontrol system pressure sent el sensor unit and fuel pum anister vent control valve sensor sion air compressor ieel sensor RH neel sensor LH plate lamps ss nar sensor RH inner nar sensor RH inner nar sensor RH outer nar sensor RH outer	M
atted KH re ensor unit ter vent co sor air compr sensor LH sensor LH sensor RH sensor RH sensor RH	
F3 * (c) SMJ : To (et.) (located RH rear of engine con A4 B3 (c) B/7 : Trailer B3 (c) GR/6 : To (et.) D3 * (c) GR/5 : Fuel level sensor unit and fuel pump D3 * (c) B/3 : EVAP control system pressure sensor D4 (c) B/2 : Fuel level sensor unit and fuel pump D3 * (c) B/3 : Height sensor : C3 * (c) B/3 : Suspension air compressor : C4 (c) B/3 : Height sensor : C4 (c) B/4 : Suspension air compressor : C4 (c) B/4 : Suspension air compressor : C4 (c) B/4 : Rear wheel sensor LH : C4 (c) B/3 : Rear sonar sensor LH outer A3 (c) B/3 : Rear sonar sensor RH outer A4 (c) B/3 : Rear sonar sensor RH outer B4 (c) B/3 : Rear sonar sensor RH outer B4 (c) B/3 : Rear sonar sensor RH outer	
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2004 Pathfinder Armada

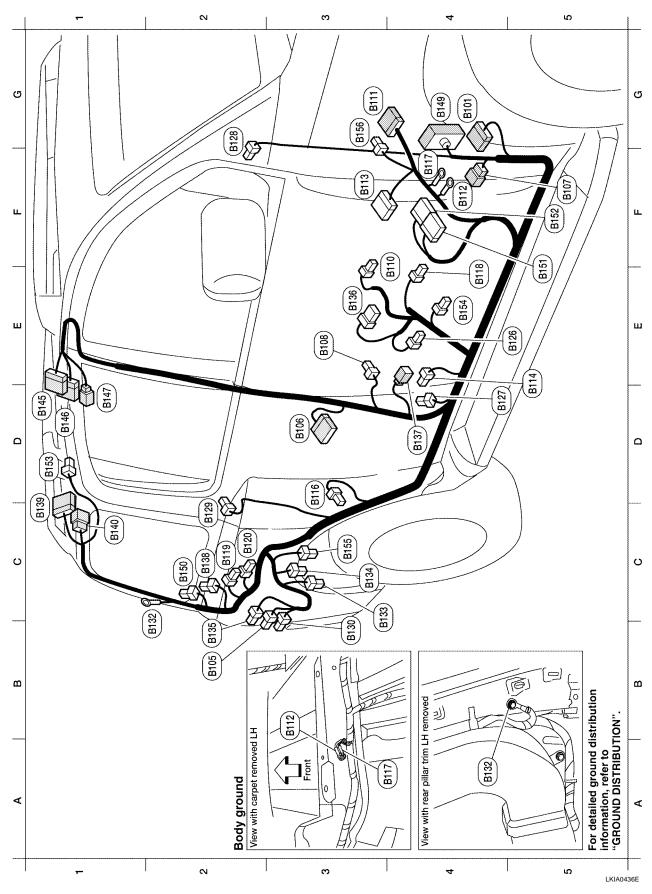
BODY HARNESS



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					r unit	odule	LH	ensioner) sensor			LH (turn si		nodule							v motor LH	nodule						LH (stop/ti		audio syste		L
: Suspension control unit		: To (201)	: Body ground	: Front door switch LH	: Air bag diagnosis sensor unit	: Front LH side air bag module	: Seat belt buckle switch LH	: Front LH seat belt pre-tensioner	: LH side air bag (satellite) sensor	: Rear door switch LH	: Body ground	: Rear combination lamp LH (turn signal)	: To P1	: LH side curtain air bag module	: To E34	: To E35	: To E36	: To (B11)	: To (b401)	: To (2402)	: Rear power vent window motor LH	: LH side curtain air bag module	: Back door control unit	: Sonar control unit	: Back door close switch	: To ^{B156}	: To (M40)	: Rear combination lamp LH (stop/tail)	: Back-up lamp LH	: Subwoofer (with BOSE audio system)		Μ
(B3) W/16	\sim	B6 W/18	-	B8 W/3	B9 Y/12	B10 Y/2	B12 W/3	B14) Y/2	B15 Y/2	B18 W/3	- B19	B35 B/3	B37 W/16	B38) Y/2	B40 W/24	B41 W/12	B42 W/2	B43 W/12	B48 W/16	B49 W/2	B52 W/2	B54 Y/2	855 W/26	B56 W/16	B63 W/6	B64 W/4	CMS (198	B70 B/3	B71 B/2	872) BR/6		
F2		E	5 0	F3	E3	E4	E3	E4	E4	F3	<u>6</u>	G2	P	C2	5 1	5 1	5 1	3 8	E	E	F2	F2	G2	F3	G2	D3	54 1	63	62	5 2		

WKIA2822E





: Rear power vent window motor RH : Air mix door motor (rear) : NAVI control unit : NAVI control unit Cargo lamp : To P103 : To M36 : To (B64 GR/24 W/24 SMJ W/2 W/2 W/2 W/4 B/6 C3 (8155) G4 8149 C2 (8150) F5 (B151) G3 (B156) F5 B152 D1 (8153) E4 (8154) : Rear combination lamp RH (turn signal) : Rear combination lamp RH (stop/tail) : Body ground (RH satellite sensor) : RH side air bag (satellite) sensor : Front RH seat belt pre-tensioner : RH side curtain air bag module : RH side curtain air bag module : Front RH side air bag module : Air bag diagnosis sensor unit : Seat belt buckle switch RH : Rear blower motor resistor : Rear cargo power socket : Front door switch RH : Rear door switch RH : Front seat heater RH Belt tension sensor : Rear blower motor : Back-up lamp RH : Condensor-3 : Body ground : Condensor-4 Body ground : To MB4 : To Day : To : To (B43) : To (P151) : To R602 : To Reot : To (1200) : To R201 : To R207 ^{B146} W/16 W/18 W/12 W/16 W/20 ⁸¹⁴⁵ BR/24 Y/12 W/2 W/6 W/8 W/3 W/4 W/3 W/3 W/3 W/4 W/2 W/2 W/8 B/2 B/3 Y/2 Y/2 ۲/2 B/3 ۲/2 ۲/2 B/3 B/2 (ELB) (B108 11 B113 B116 B118 B128 (EF33) B134 (94 19 Bioi (B) (B) (B1 B126 (B1 30) (Sta B137 8138 **B10** (LOI) (iii) (112) (112) (11 4 0210 (B127 (B132 B147

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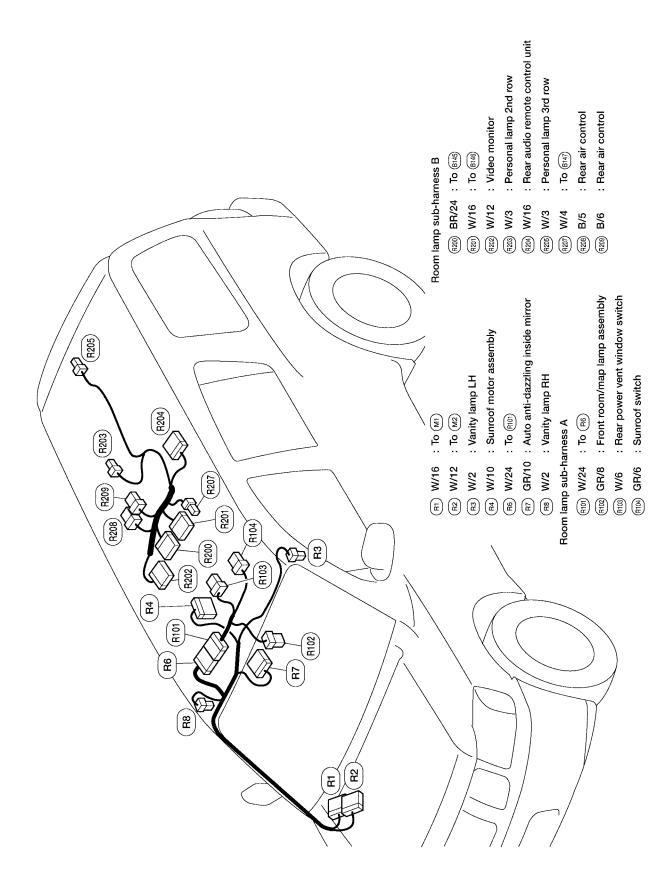
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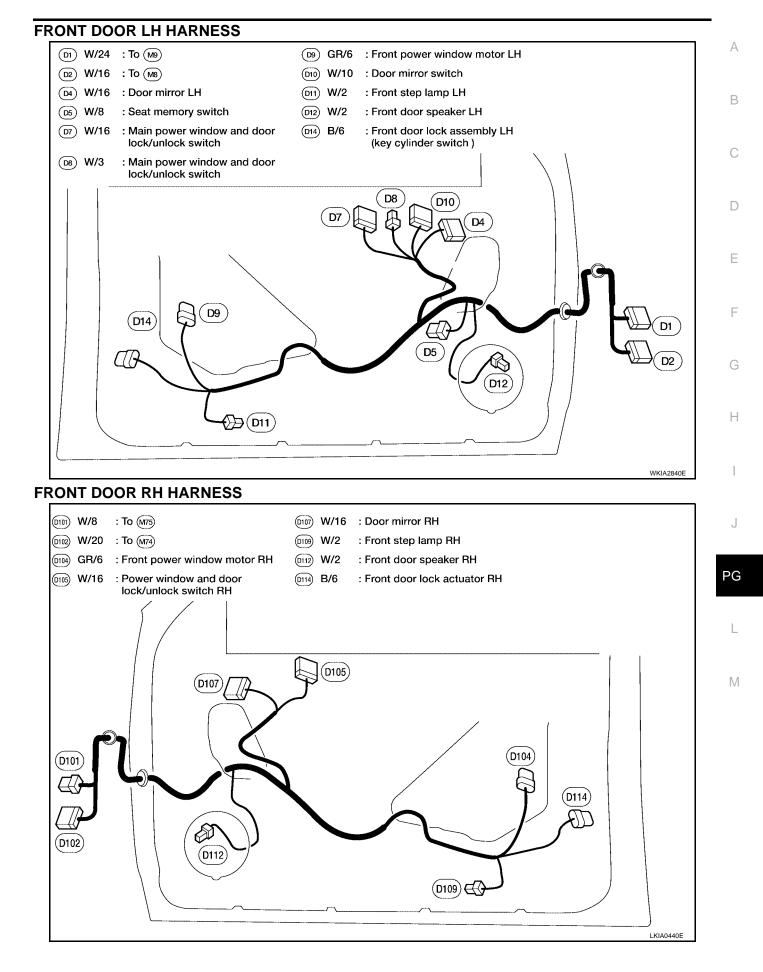
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ROOM LAMP HARNESS

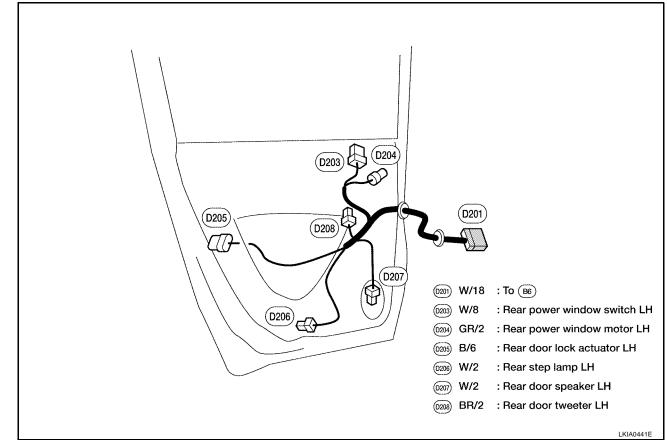


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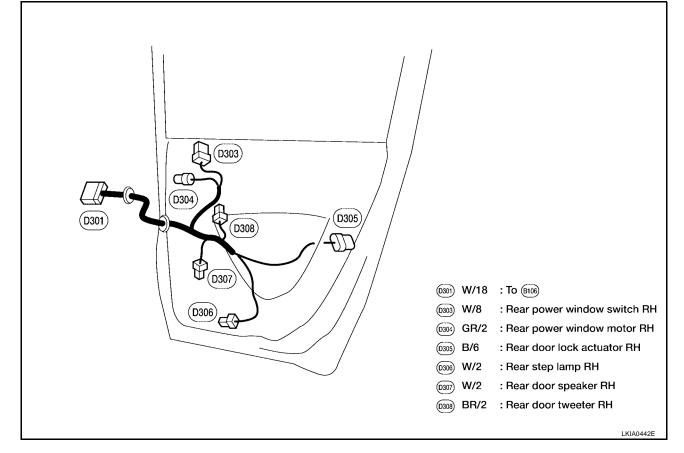




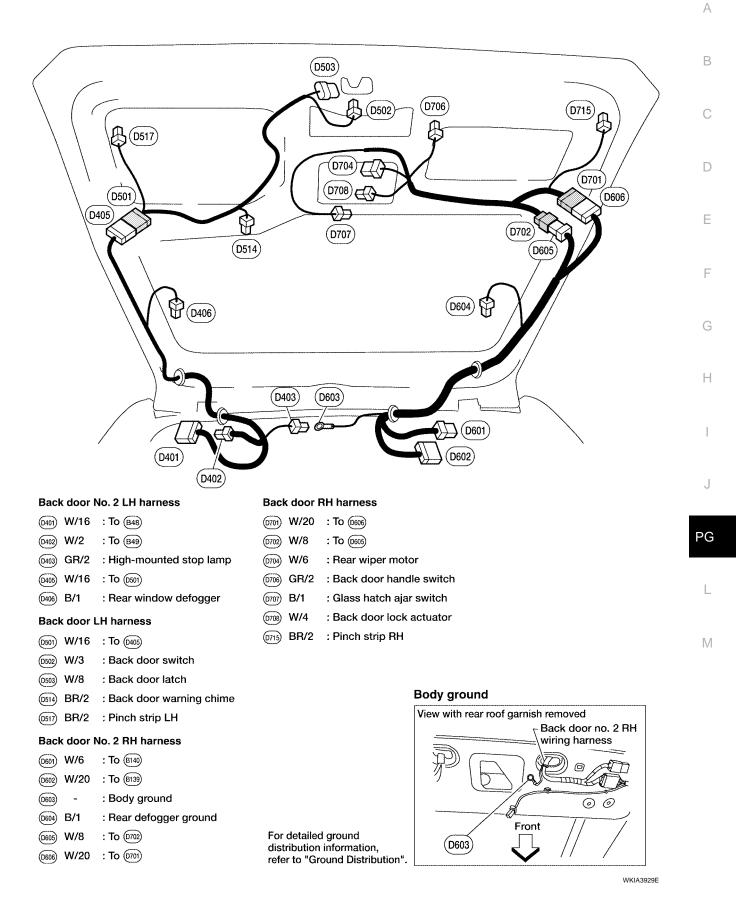
REAR DOOR LH HARNESS



REAR DOOR RH HARNESS



BACK DOOR HARNESS



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							
A/C,A	ATC	Auto Air Conditioner							
A/C,M	MTC	Manual Air Conditioner							
A/SUSP	RSU	Rear Air Suspension							
AF1B1	EC	Air Fuel Ratio Sensor 1 Bank 1							
AF1B2	EC	Air Fuel Ratio Sensor 1 Bank 2							
APPS1	EC	Accelerator Pedal Position Sensor							
APPS2	EC	Accelerator Pedal Position Sensor							
APPS3	EC	Accelerator Pedal Position Sensor							
ASC/BS	EC	ASCD Brake Switch							
ASC/SW	EC	ASCD Steering Switch							
ASCBOF	EC	ASCD Brake Switch							
ASCIND	EC	ASCD Indicator							
A/T	AT	A/T Assembly							
AT/IND	DI	A/T Indicator Lamp							
AUDIO	AV	Audio							
AUTO/DP	SE	Automatic Drive Positioner							
AUTO/L	LT	Auto Light Control							
B/CLOS	BL	Back Door Auto Closure System							
BACK/L	LT	Back-up Lamp							
BRK/SW	EC	Brake Switch							
CAN	EC	CAN Communication Line							
CAN	LAN	CAN System							
CHARGE	SC	Charging System							
CHIME	DI	Warning Chime							
COOL/F	EC	Cooling Fan Control							
COMBSW	LT	Combination Switch							
СОММ	AV	Audio Visual Communication System							
D/LOCK	BL	Power Door Lock							
DEF	GW	Rear Window Defogger							
DTRL	LT	Headlamp - With Daytime Light System							
DVD	AV	DVD Entertainment System							
ECM/PW	EC	ECM Power Supply for Back-Up							
ECTS	EC	Engine Coolant Temperature Sensor							
ETC1	EC	Electric Throttle Control Function							
ETC2	EC	Throttle Control Motor Relay							
ETC3	EC	Throttle Control Motor							
F/FOG	LT	Front Fog Lamp							
F/PUMP	EC	Fuel Pump							
FTTS	EC	Fuel Tank Temperature Sensor							
FUELB1	EC	Fuel Injection System Bank 1							
FUELB2	EC	Fuel Injection System Bank 2							
H/LAMP	LT	Headlamp							
HORN	WW	Horn							
HSEAT	SE	Heated Seat							
I/MIRR	GW	Inside Mirror (Auto Anti-Dazzling Mirror)							
IATS	EC	Intake Air Temperature Sensor							
IGNSYS	EC	Ignition System							
		·3							

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EKS006S4

ILL	LT	Illumination	
INJECT	EC	Injectors	A
INT/L	LT	Room/Map, Vanity, Cargo, Personal, Foot, Step, and Puddle Lamps	
KEYLES	BL	Remote Keyless Entry System	
KS	EC	Knock Sensor	В
MAFS	EC	Mass Air Flow Sensor	
MAIN	EC	Main Power Supply and Ground Circuit	
METER	DI	Speedometer, Tachometer, Temp. and Fuel Gauges	C
MIL/DL	EC	Malfunction Indicator Lamp	
MIRROR	GW	Door Mirror	
NATS	BL	Nissan Anti-Theft System	— D
NAVI	AV	Navigation System	
O2H2B1	EC	Rear Heated Oxygen Sensor 2 Heater Bank 1	
O2H2B2	EC	Rear Heated Oxygen Sensor 2 Heater Bank 2	E
O2S2B1	EC	Heated Oxygen Sensor 2 Bank 1	
O2S2B2	EC	Heated Oxygen Sensor 2 Bank 2	
P/SCKT	WW	Power Socket	— F
PEDAL	AP	Adjustable Pedal System	
PGC/V	EC	EVAP Canister Purge Volume Control Solenoid Valve	
PHASE	EC	Camshaft Position Sensor (PHASE) (Bank 1)	G
PNP/SW	EC	Park/Neutral Position Switch	
POS	EC	Crankshaft Position Sensor (POS)	
POWER	PG	Power Supply Routing	H
PRE/SE	EC	EVAP Control System Pressure Sensor	
PS/SEN	EC	Power Steering Pressure Sensor	
RP/SEN	EC	Refrigerant Pressure Sensor	
SEAT	SE	Power Seat	
SEN/PW	EC	Sensor Power Supply	
SHIFT	AT	A/T Shift Lock System	J
SONAR	DI	Rear Sonar System	
	RF	Sunroof	
SROOF SRS			PG
	SRS SC	Supplemental Restraint System	
START		Starting System	<u> </u>
STOP/L T/TOW		Stop Lamp Trailer Tow	L
	LT		
T/WARN	WT	Low Tire Pressure Warning System	
TAIL/L		Parking, License and Tail Lamps	M
T/F	TF	Transfer Case	
TPS1	EC	Throttle Position Sensor	
TPS2	EC	Throttle Position Sensor	
TPS3	EC	Throttle Position Sensor	
TRNSCV	BL	HOMELINK® Universal Transceiver	
TURN	LT	Turn Signal and Hazard Warning Lamps	
VDC	BRC	Vehicle Dynamic Control System	
VEHSEC	BL	Vehicle security (theft warning) system	
VENT/V	EC	EVAP Canister Vent Control Valve	
W/ANT	AV	Audio Antenna	
WARN	DI	Warning Lamps	
WINDOW	GW	Power Window	
WIP/R	WW	Rear Wiper and Washer	
WIPER	WW	Front Wiper and Washer	

ELECTRICAL UNITS LOCATION

Electrical Units Location ENGINE COMPARTMENT

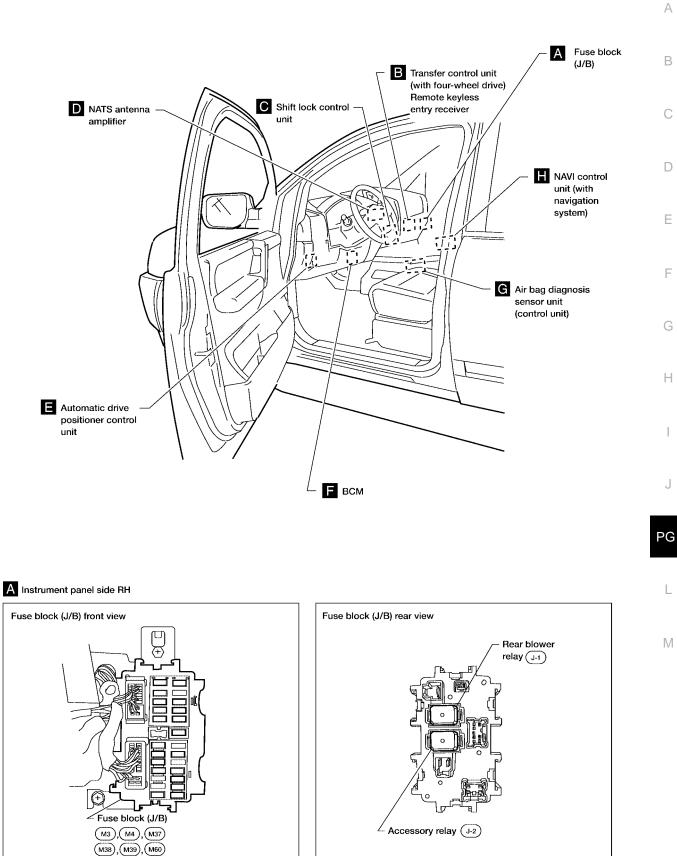
> IPDM E/R ECM Fuse and fusible link box Fuse and relay box Front wiper motor ABS actuator and electric unit (control unit) ECM Horn relay (H-1) IPDM E/R VV V Fuse and Fuses relay box Fuse and fusible link box

2004 Pathfinder Armada

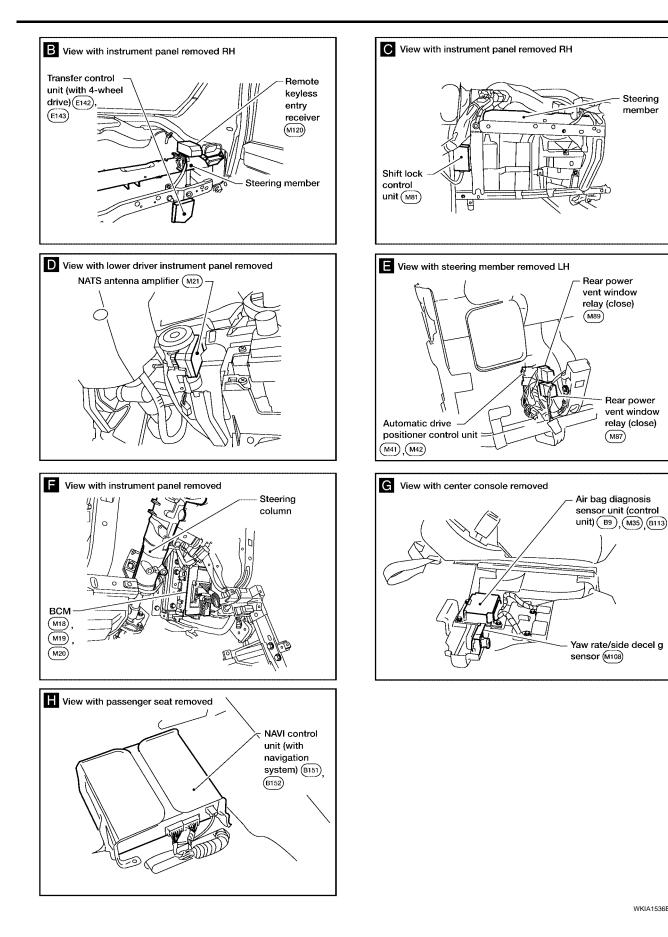
PFP:25230

EKS006S5

PASSENGER COMPARTMENT



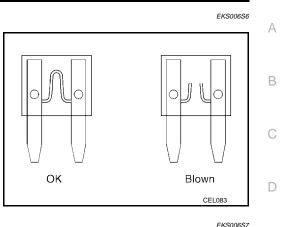
WKIA3930E



WKIA1536E

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:

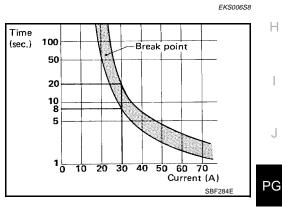
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of incident.
- Never wrap outside of fusible link with vinyl tape.
- Never let fusible link touch any other wiring harness,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

Circuit Breaker (Built Into BCM)

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

A circuit breaker is used for the following systems:

- Power windows
- Power door locks
- Remote keyless entry system
- Power sunroof
- Rear window wiper



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F

HARNESS CONNECTOR

Description HARNESS CONNECTOR (TAB-LOCKING TYPE)

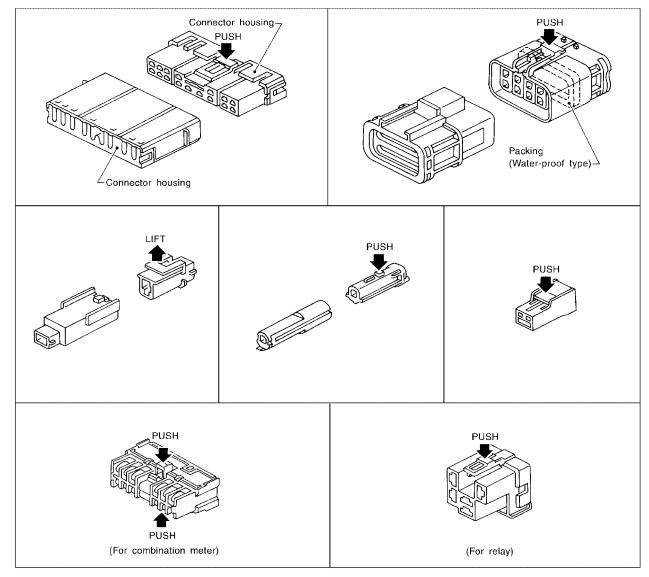
- The tab-locking type connectors help prevent accidental looseness or disconnection.
- The tab-locking type connectors are disconnected by pushing or lifting the locking tab(s). Refer to the illustration below.

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]



PFP:B4341

EKS006S9

HARNESS CONNECTOR

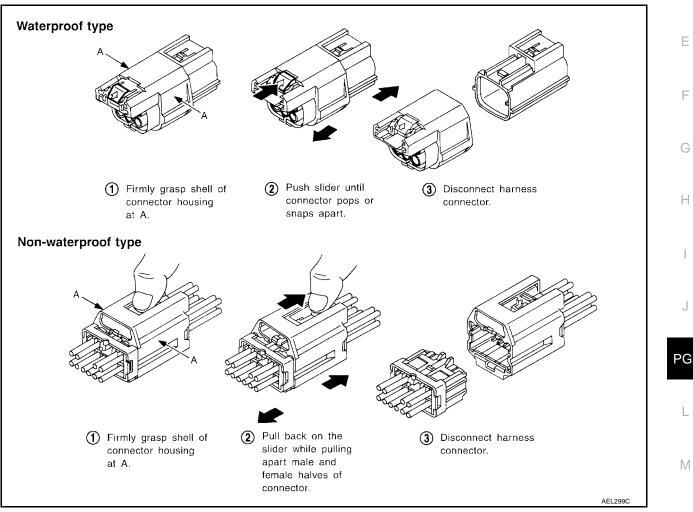
HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- 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]



В

С

D

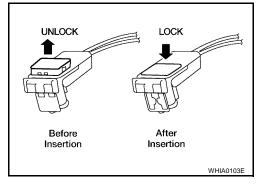
HARNESS CONNECTOR

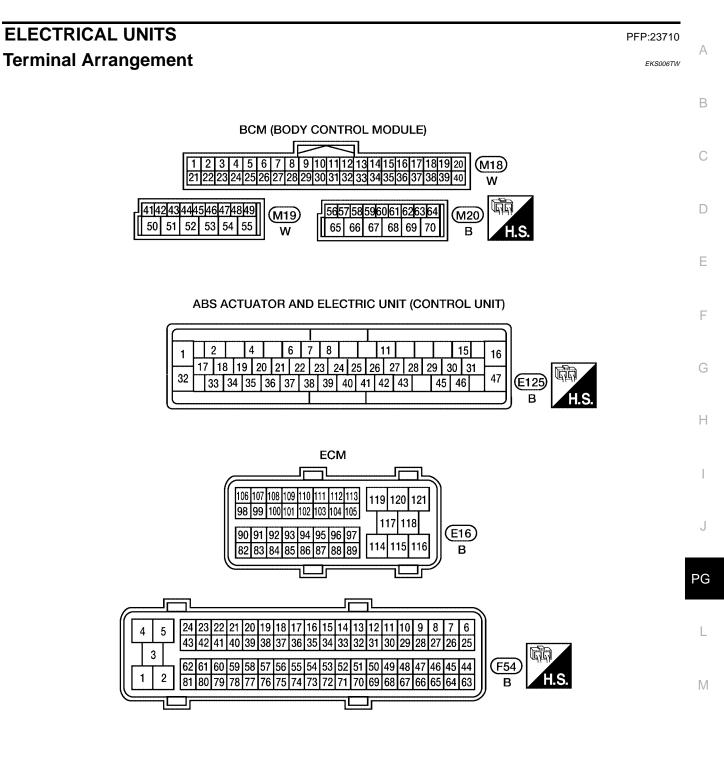
HARNESS CONNECTOR (DIRECT-CONNECT SRS COMPONENT TYPE)

- 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.

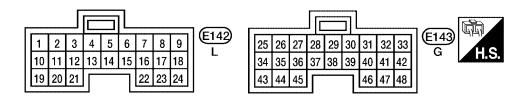
CAUTION:

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





TRANSFER CONTROL UNIT



WKIA1251E

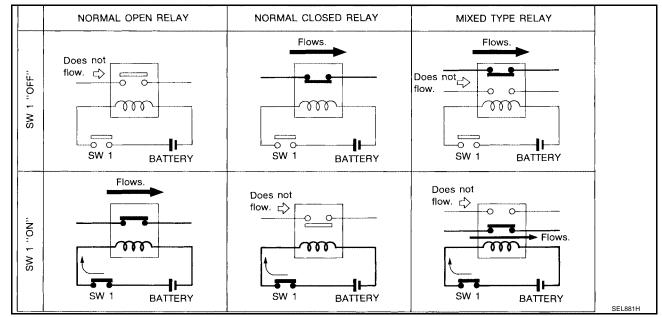
STANDARDIZED RELAY

PFP:25230

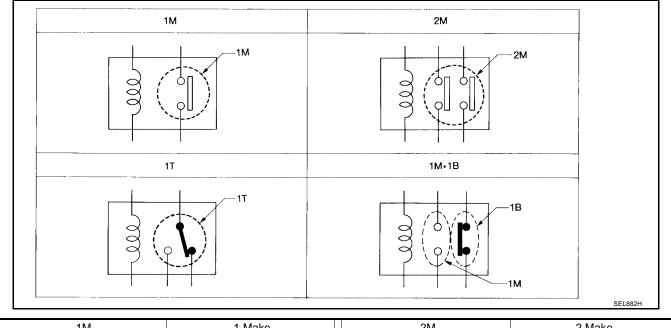
EKS006TX

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.

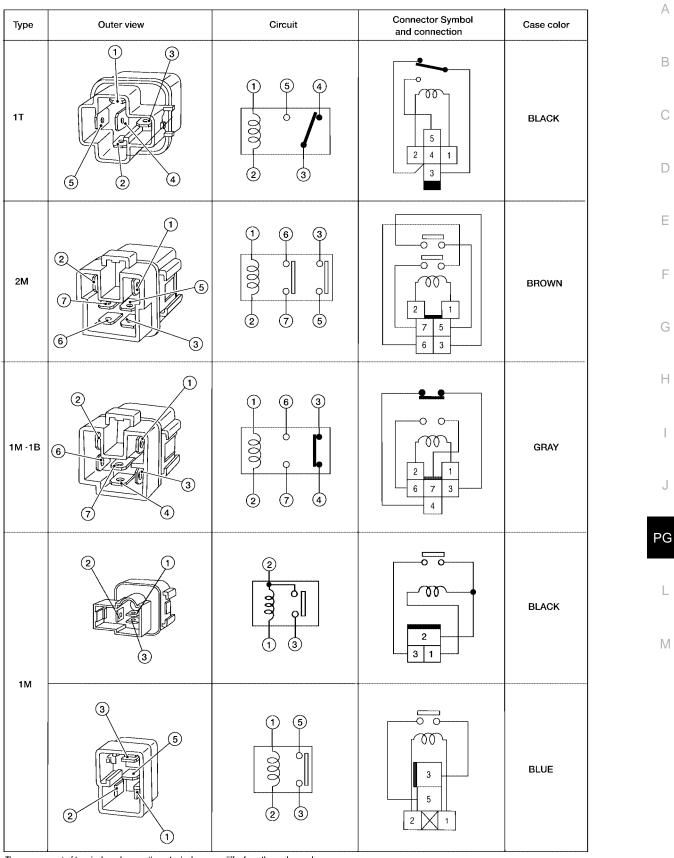


TYPE OF STANDARDIZED RELAYS



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

STANDARDIZED RELAY



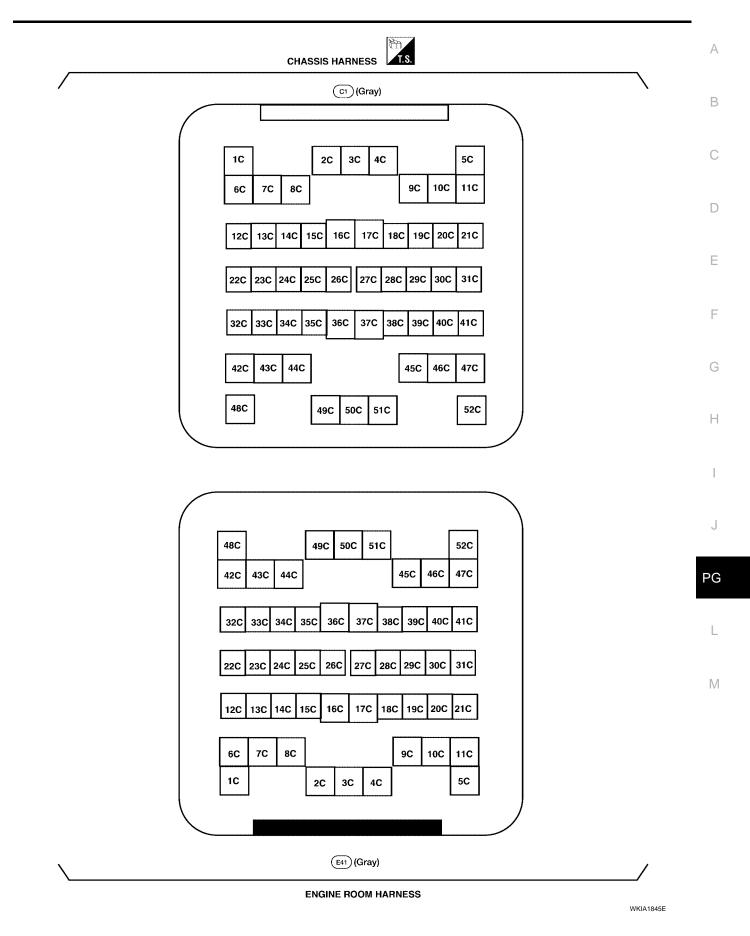
The arrangement of terminal numbers on the actual relays may differ from those shown above.

WKIA0253E

I

SUPER MULTIPLE JUNCTION (SMJ) PFP:84341 **Terminal Arrangement** EKS006TY 1.S. MAIN HARNESS (M31) (White) (M36) (White) (M40) (White) 2M 3M 4M 1M 5M 2.1 3.1 0 6.1 7. 8. 11G 12G 20G 21G 11M 12M 18M19M20M 20J 21J 13G 19G 4N 15M**I**16M 17M 16. 17. 18J 19. 30J 41G 31M 35M 36M 41M 40J 34G 31 34J 36J 38J 41J 49J 48.1 ΔΔ 45. 46 47. 61G 51M 52M 59M 60M 61M 510 53N 54M55M56M57M 58N 51J 54J 56J 58J 60J 61J 750 71M '3M 71.1 72. 73.1 74. 75. 80G 76N 79J 801 76. 80J 76J 79J 80J 71N 71J 70 70 60M61M 60.1 616 61. 4fi. 47 49.1 50 40J 41M 36 39.1 41J 28M 29N 29J 26J 27 30. 18M19M20M21M 11G 20G 21G 14M 16M17M 18J 19J 20J 21J 11M12M 121 11J 12J 13J 14J 15J 16J 17J 6M 8M 9J 7M 9M 6J 7J 8J 10J 00 10N 1G δG 1M 2M 3M 4M 5M 1J 2J 3J 4J 5J (E152) (White) (B149) (White) (B69) (White) ENGINE ROOM HARNESS **BODY HARNESS NO.2 BODY HARNESS**

SUPER MULTIPLE JUNCTION (SMJ)



FUSE BLOCK-JUNCTION BOX(J/B)

FUSE BLOCK-JUNCTION BOX(J/B)

To main harness

Terminal Arrangement

7P 6P 16P 15P 2N 1N 7N 6N 5N 4N 5P 4P 1 F 8P (M4) (M3) 12P 11P 10P 9P 8N ₽ 밚 ٦r Δ٦. Ł \mathbf{b} þ 3 4 5 6 7 8 9 10 11 SPARE 1 2 15A 10A 10A 10A 10A 15A 10A 15A 15A 10A TOA 12 13 14 15 16 17 18 19 20 21 22 SPARE SPARE 10A 10A 10A 10A toA 10A 10A 15A 15A 10A 15A Rear blower relay (J-1) Accessory relay (J-2) ᆀ ſ ľ -17-1 <u>-17-1</u> 3 3 뉵 Г 5 5 1 2 2 1 HD Л þ þ 2T 1T 1T M60 1S (M37) 2Q 1Q 5Q 4Q (M38) (M39) 2R 1R 70 60 To main harness

WKIA2016E

PFP:24350

EKS006TZ

FUSE AND FUSIBLE LINK BOX

FUSE AND FUSIBLE LINK BOX PFP:24381 **Terminal Arrangement** EKS006U0 (E6)**₽**Front f g h 24 25 26 27 i 50A 30A 30A 40A 20A 15A 20A 2 1 3 m (H-1) k L 28 29 30 31] 30A 40A 40A 40A 15A 10A 10A 20A 24 - 31: FUSE f - m: FUSIBLE LINK Н

WKIA3896E

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В

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F

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J

PG

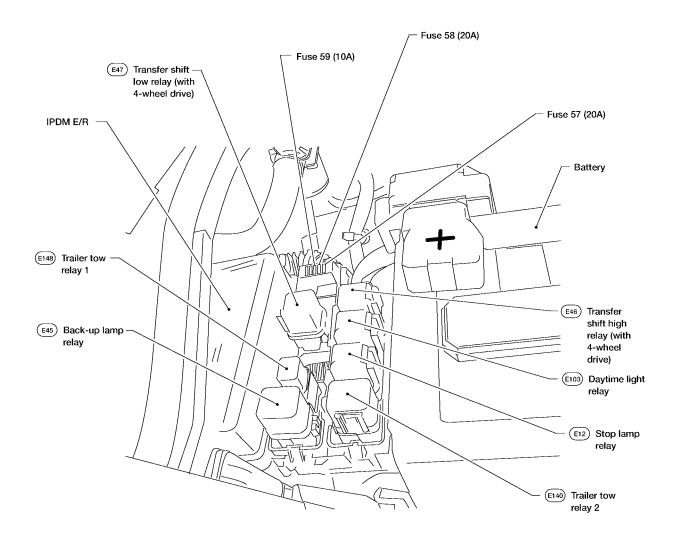
L

Μ

FUSE AND RELAY BOX Terminal Arrangement

PFP:24012

EKS006U1



WKIA2017E