

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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PRECAUTIONS

PRECAUTIONS

PFP:00011

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

EKS009X6

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

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When you read wiring diagrams, refer to the following:

- Refer to [GI-15, "How to Read Wiring Diagrams"](#) in GI section.
- Refer to [PG-4, "POWER SUPPLY ROUTING CIRCUIT"](#) 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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POWER SUPPLY ROUTING CIRCUIT

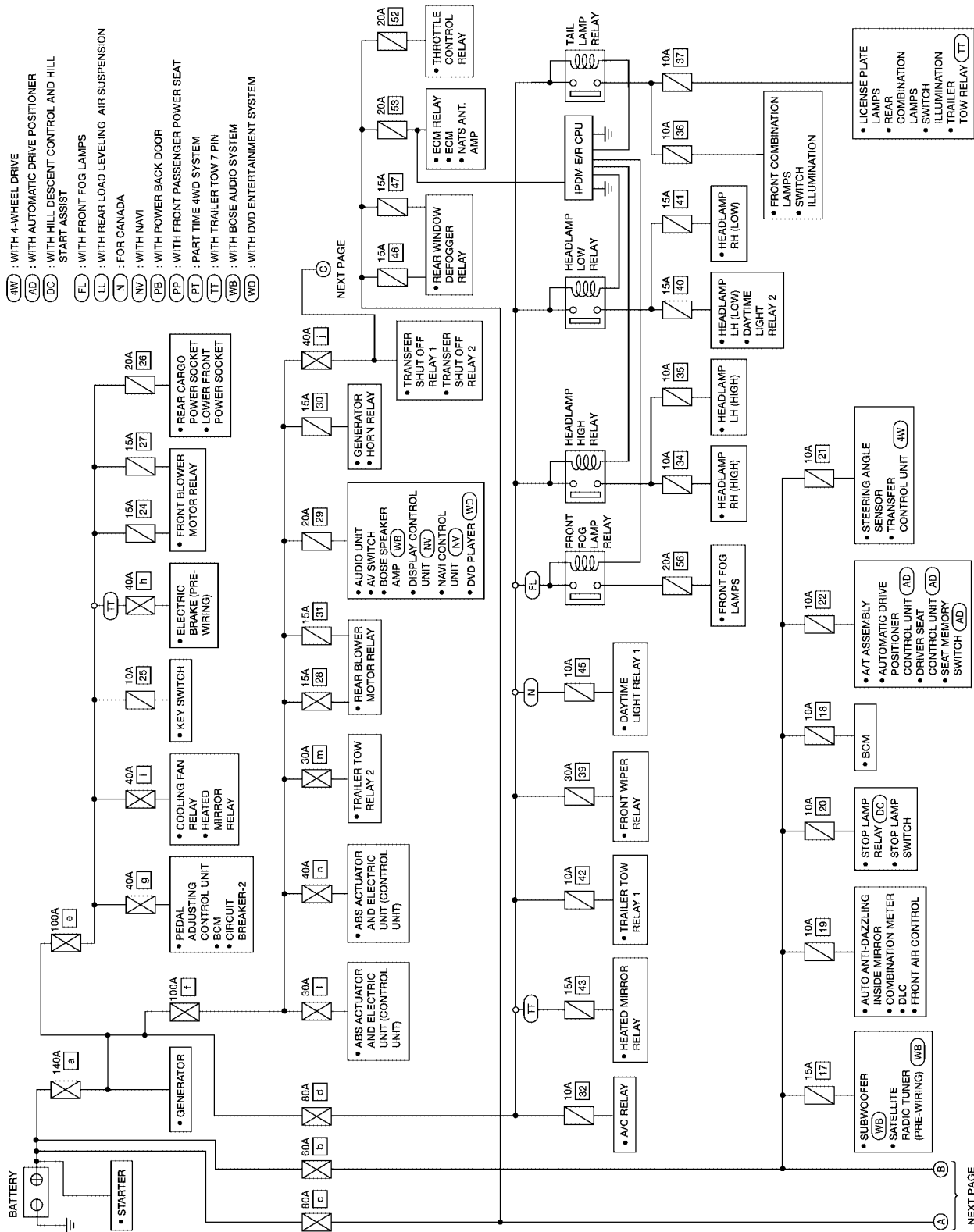
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EKS009X8

POWER SUPPLY ROUTING CIRCUIT

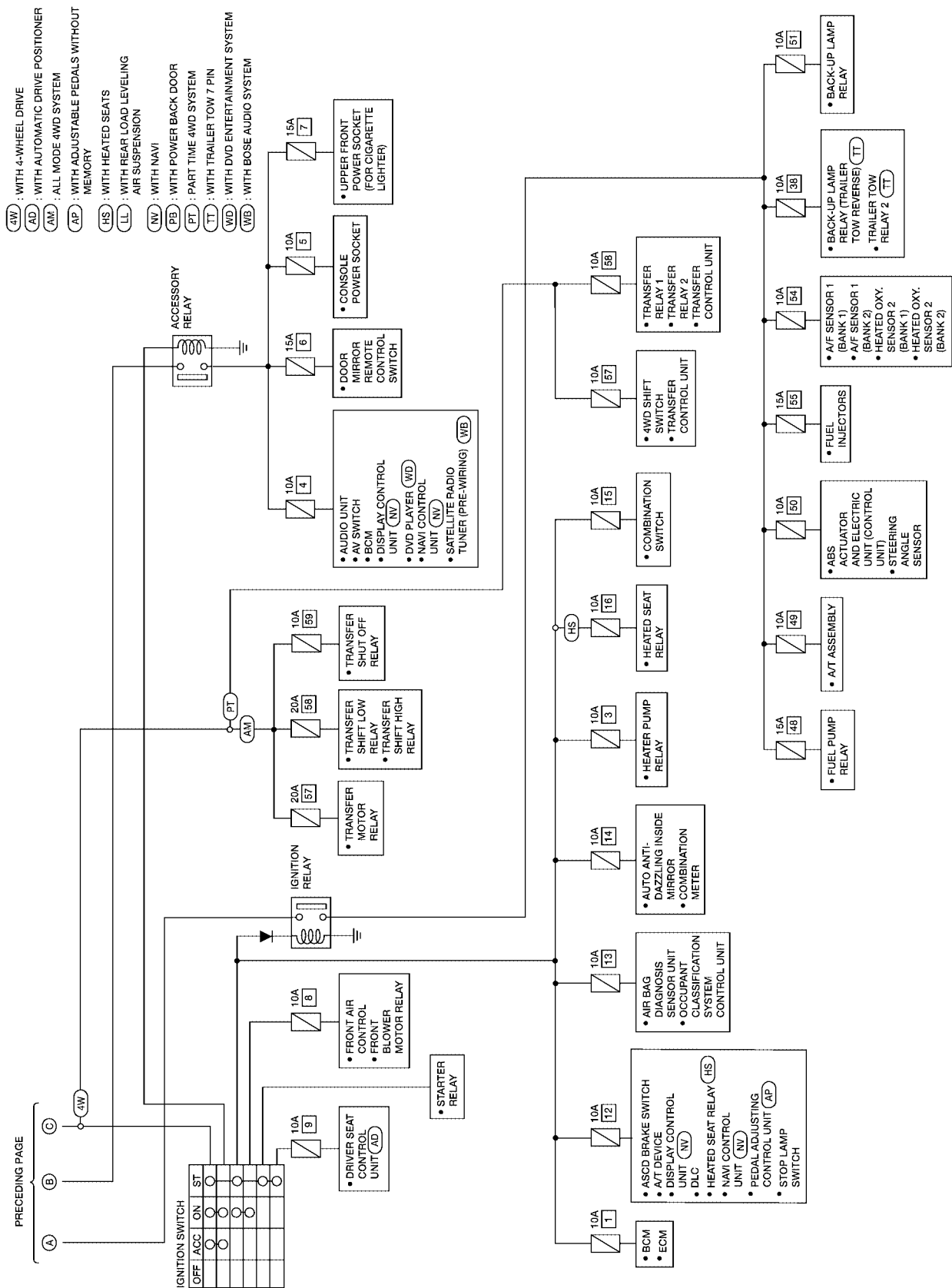
Schematic

For detailed ground distribution, refer to [PG-29, "Ground Distribution"](#).



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POWER SUPPLY ROUTING CIRCUIT



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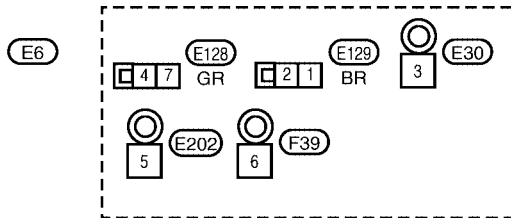
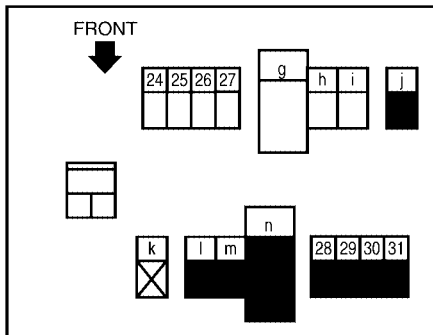
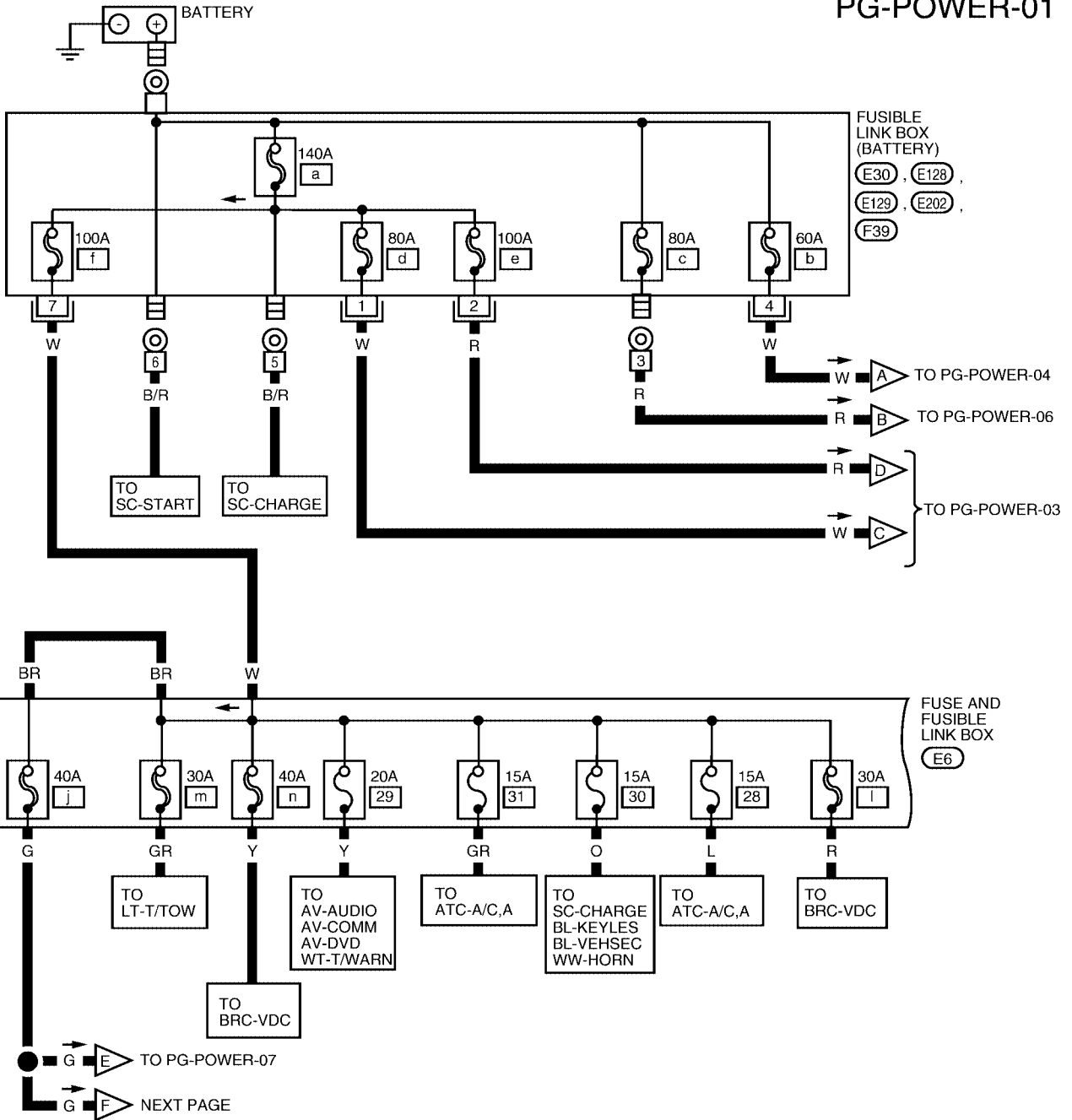
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POWER SUPPLY ROUTING CIRCUIT

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

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PG-POWER-01

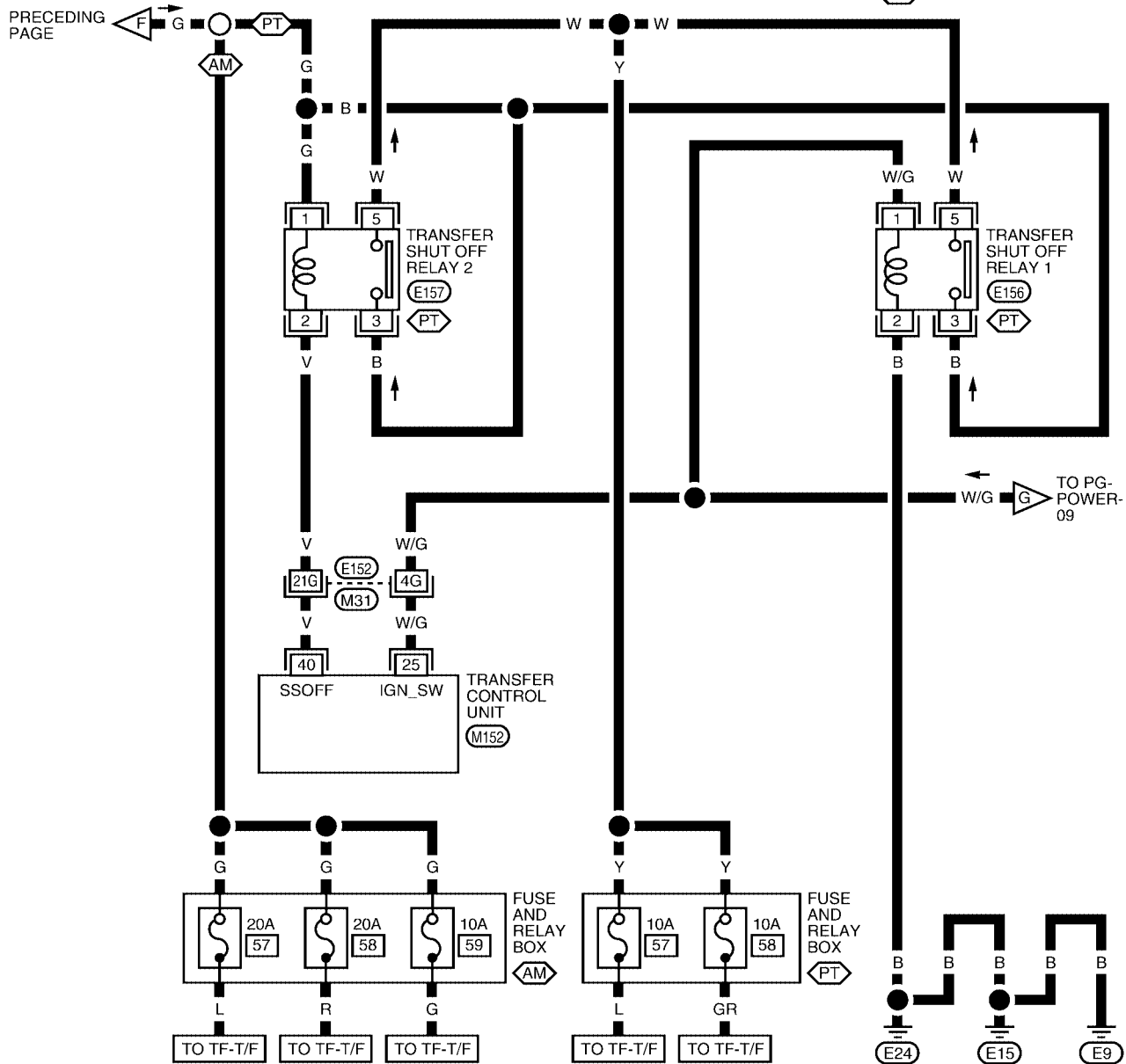


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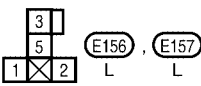
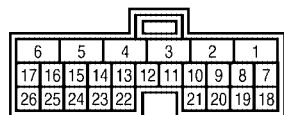
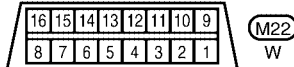
POWER SUPPLY ROUTING CIRCUIT

PG-POWER-02

AM : ALL-MODE 4WD SYSTEM
PT : PART TIME 4WD SYSTEM



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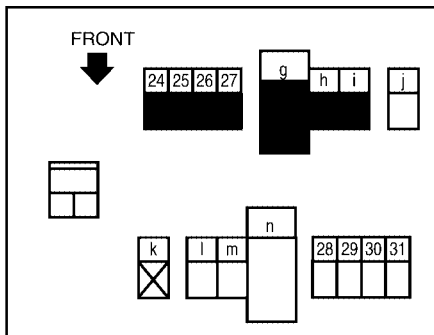
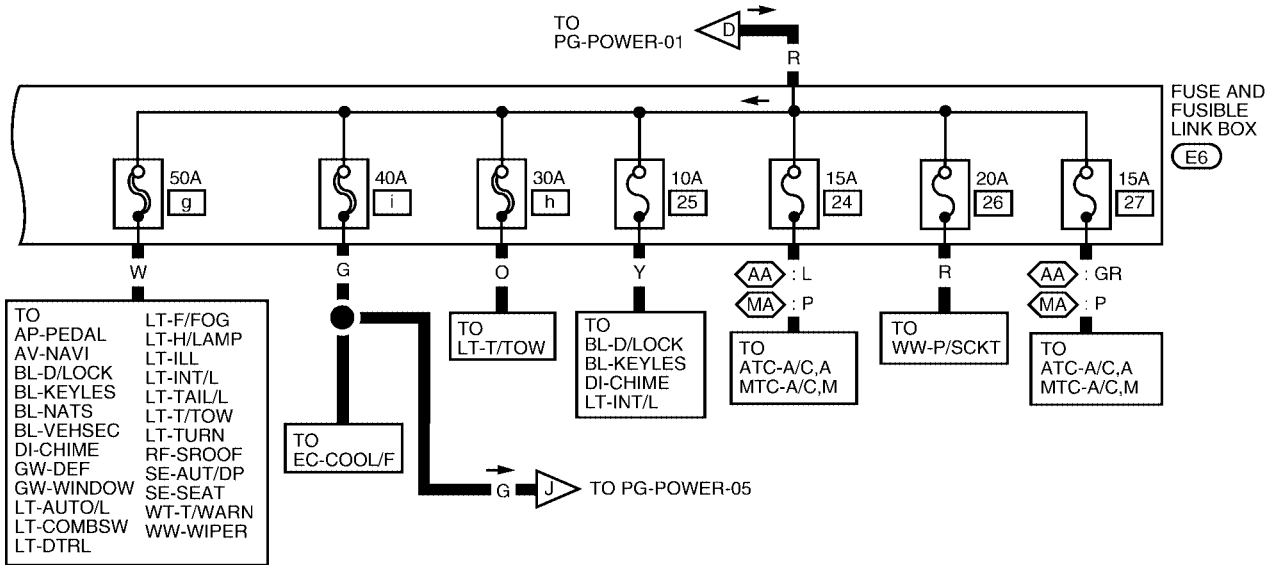
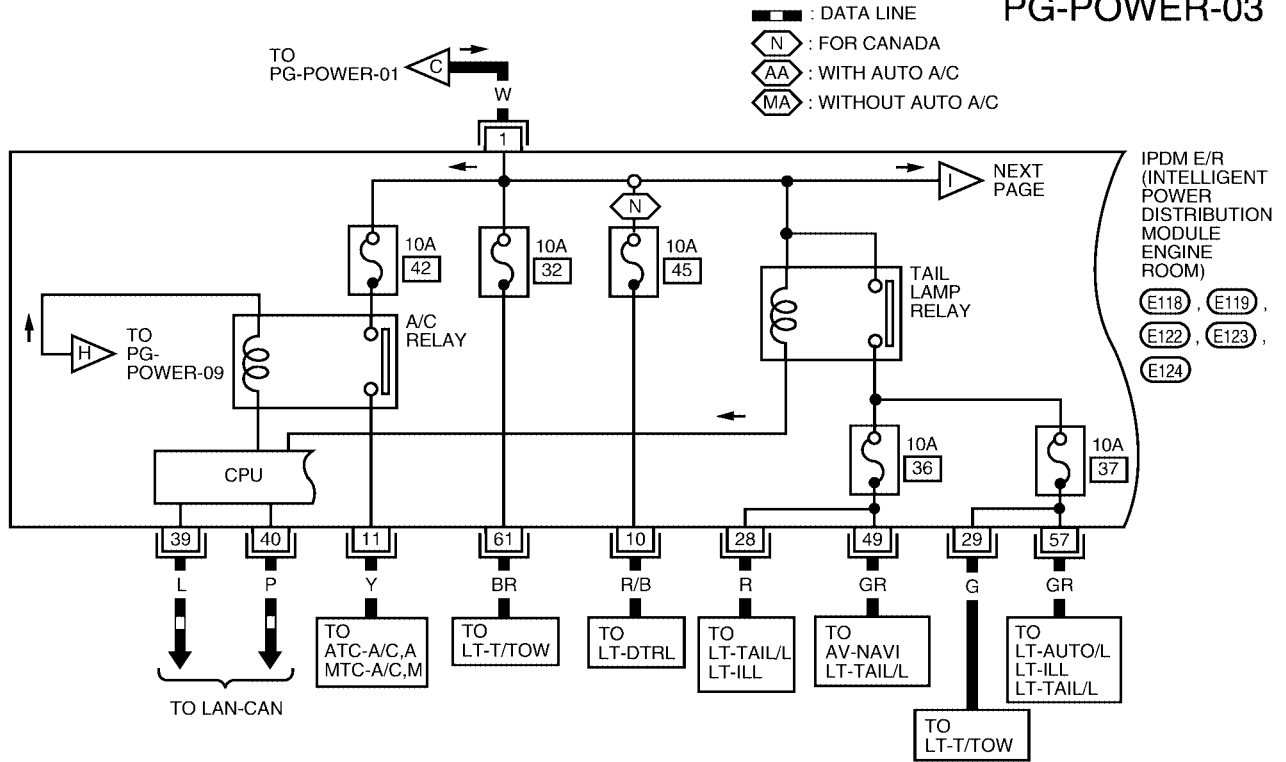


REFER TO THE FOLLOWING.
M31 - SUPER MULTIPLE JUNCTION (SMJ)

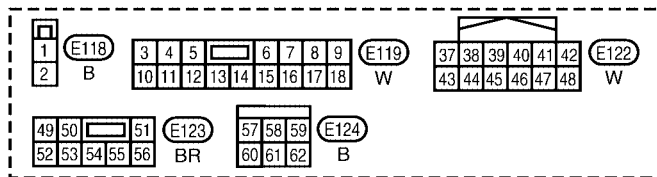
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POWER SUPPLY ROUTING CIRCUIT

PG-POWER-03



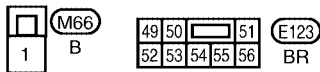
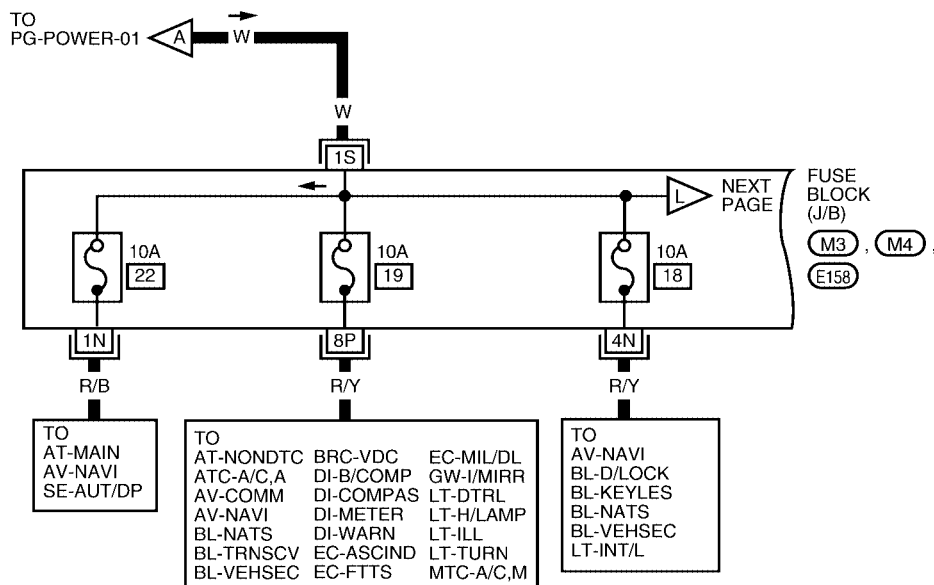
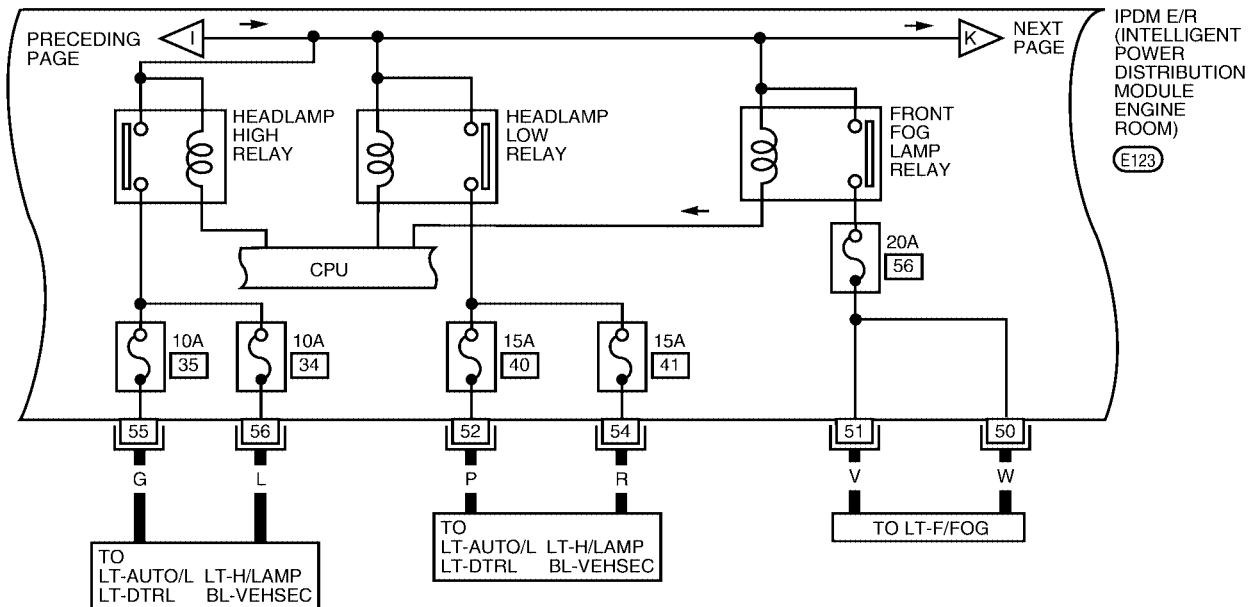
(E6)



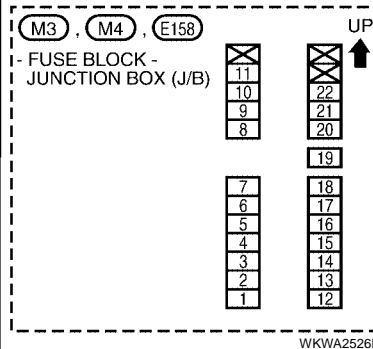
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POWER SUPPLY ROUTING CIRCUIT

PG-POWER-04



REFER TO THE FOLLOWING.



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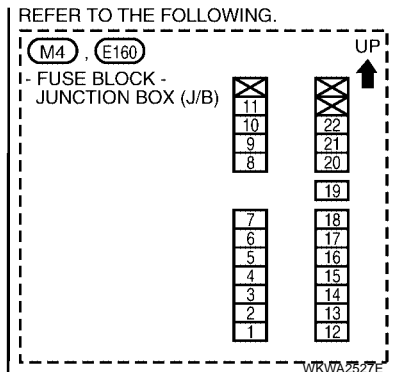
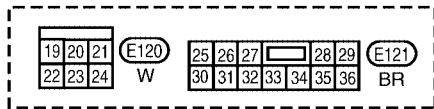
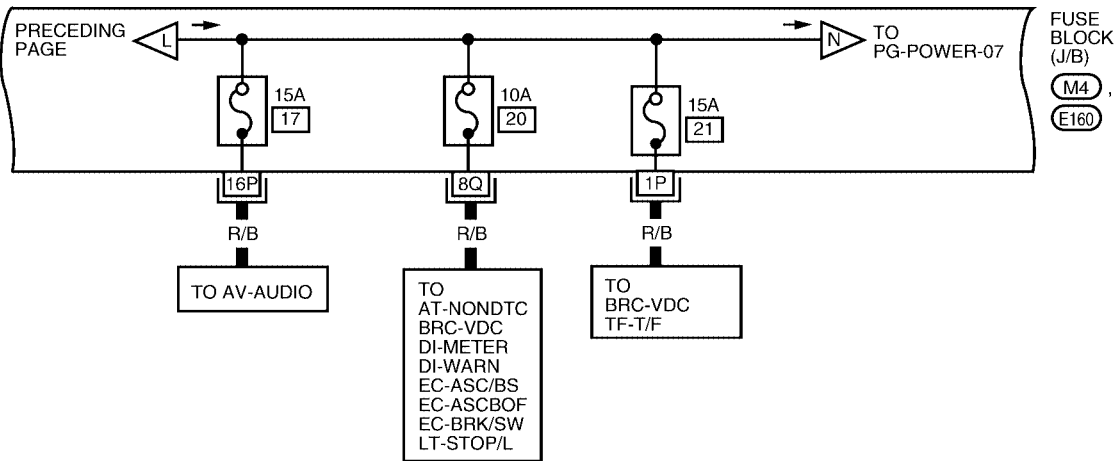
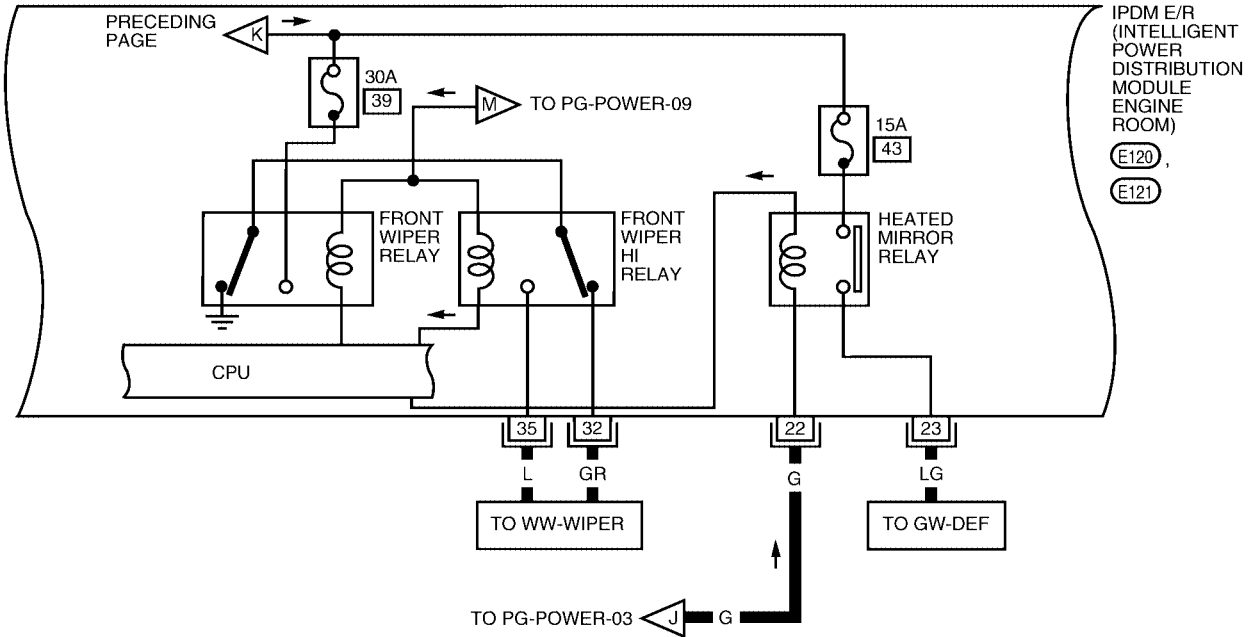
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POWER SUPPLY ROUTING CIRCUIT

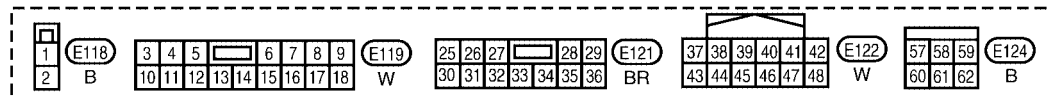
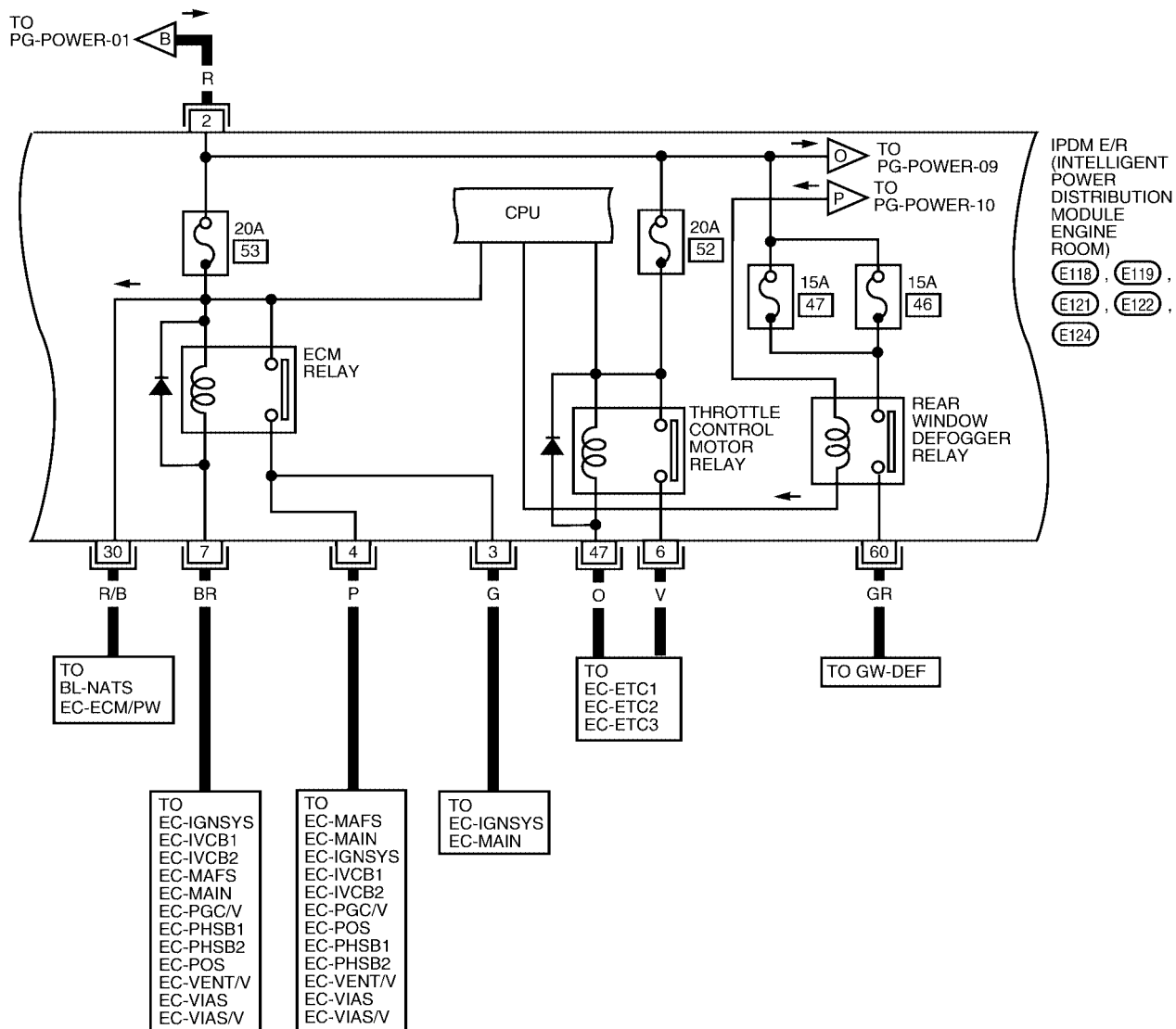
PG-POWER-05



POWER SUPPLY ROUTING CIRCUIT

PG-POWER-06

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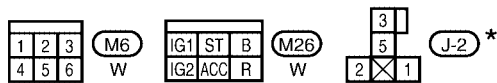
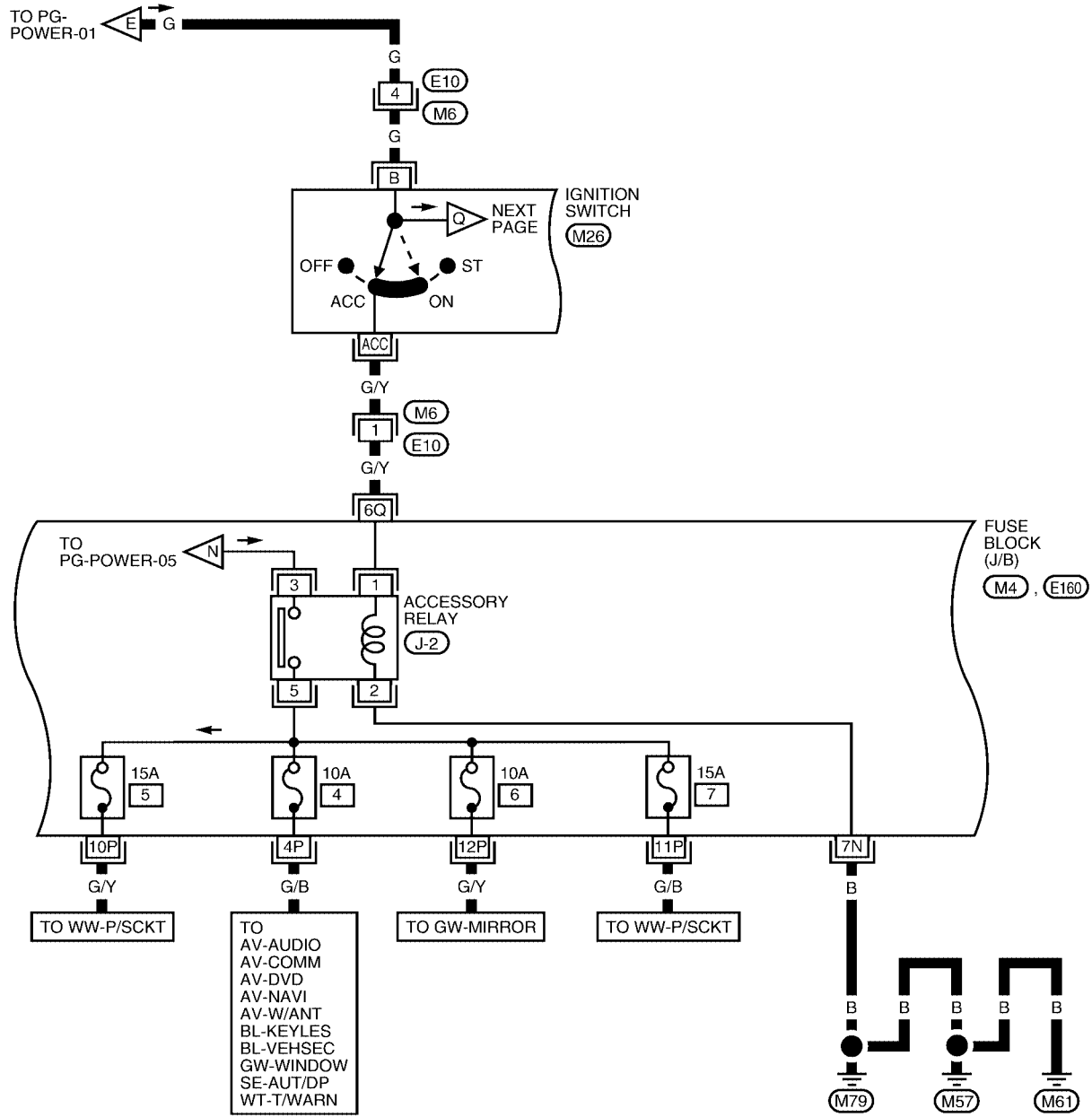


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POWER SUPPLY ROUTING CIRCUIT

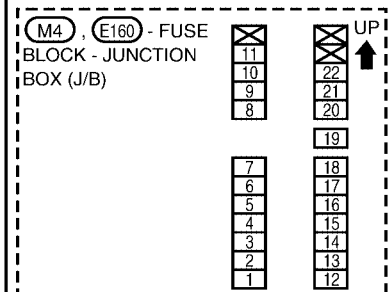
ACCESSORY POWER SUPPLY — IGNITION SW. IN ACC OR ON

PG-POWER-07



* : THIS CONNECTOR IS NOT SHOWN IN "HARNESS LAYOUT".

REFER TO THE FOLLOWING.



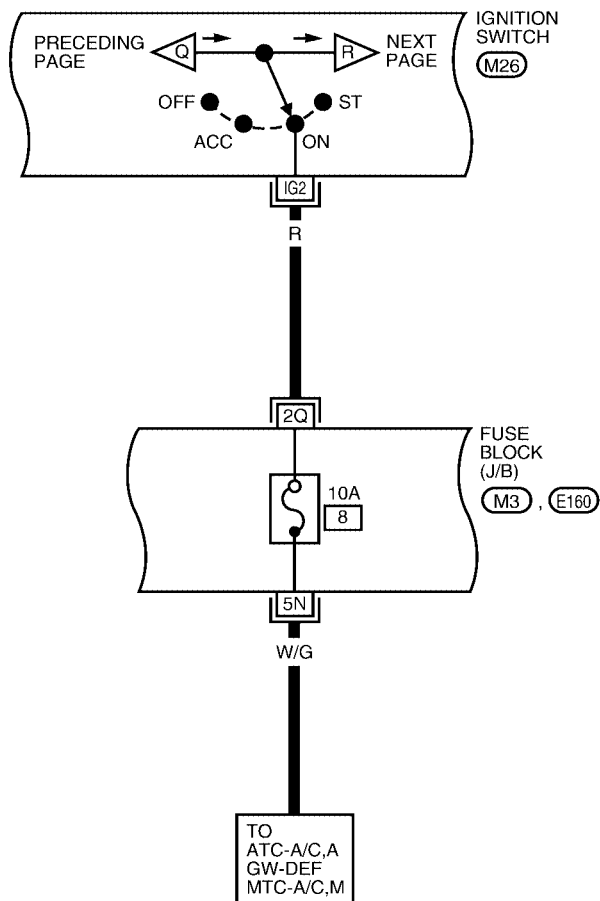
WKWA2529E

POWER SUPPLY ROUTING CIRCUIT

IGNITION POWER SUPPLY — IGNITION SW. IN ON

PG-POWER-08

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PG

IG1	ST	B	(M26)
IG2	ACC	R	

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REFER TO THE FOLLOWING.

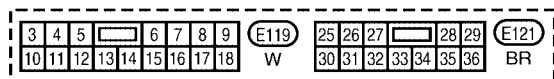
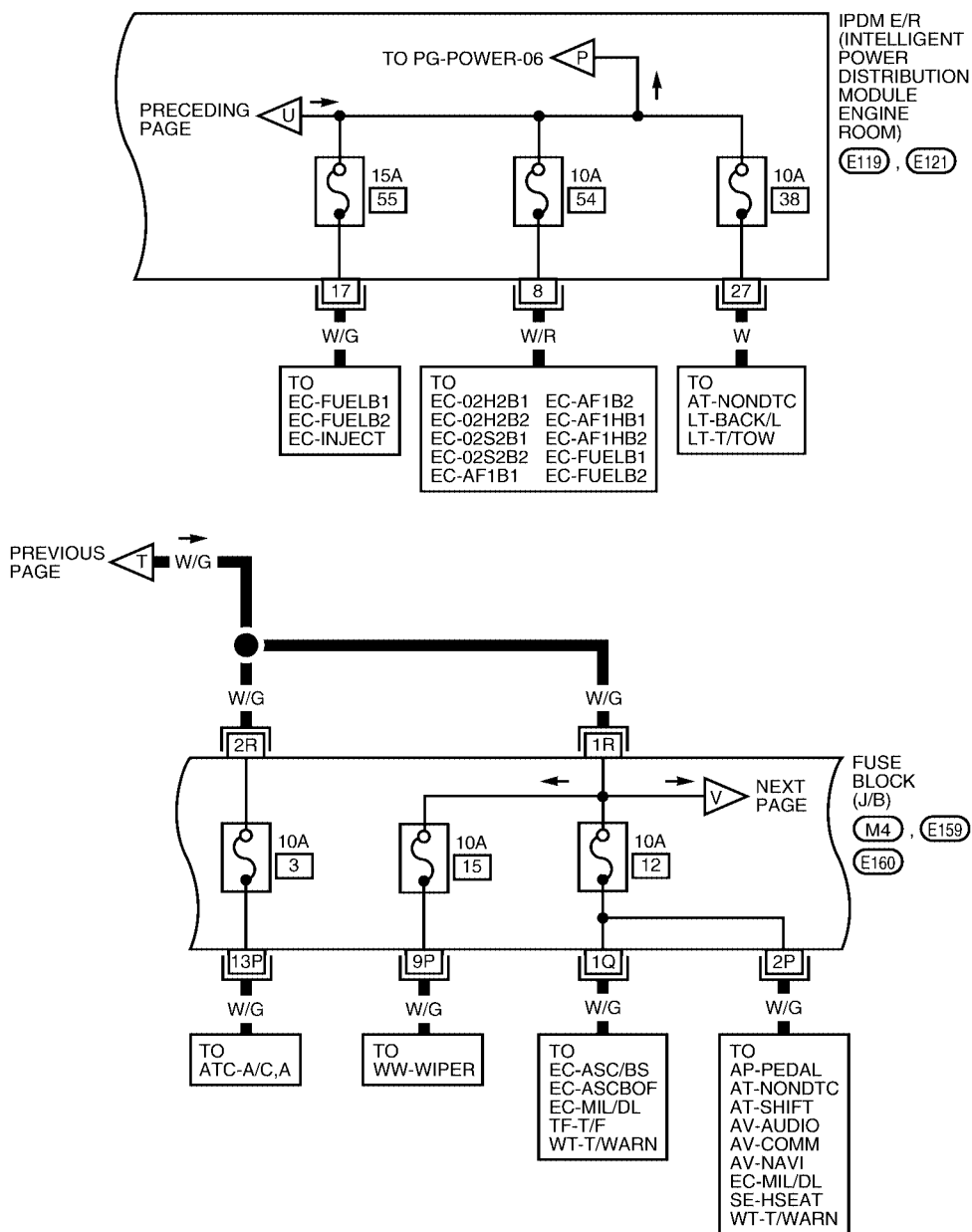
(M3)	(E160) - FUSE	11	22	UP ↑
BLOCK - JUNCTION	BOX (J/B)	10	21	
		9	20	
		8	19	
		7	18	
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		5	16	
		4	15	
		3	14	
		2	13	
		1	12	

WKWA2530E

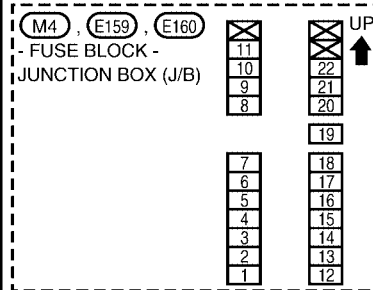
POWER SUPPLY ROUTING CIRCUIT

PG-POWER-10

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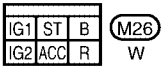
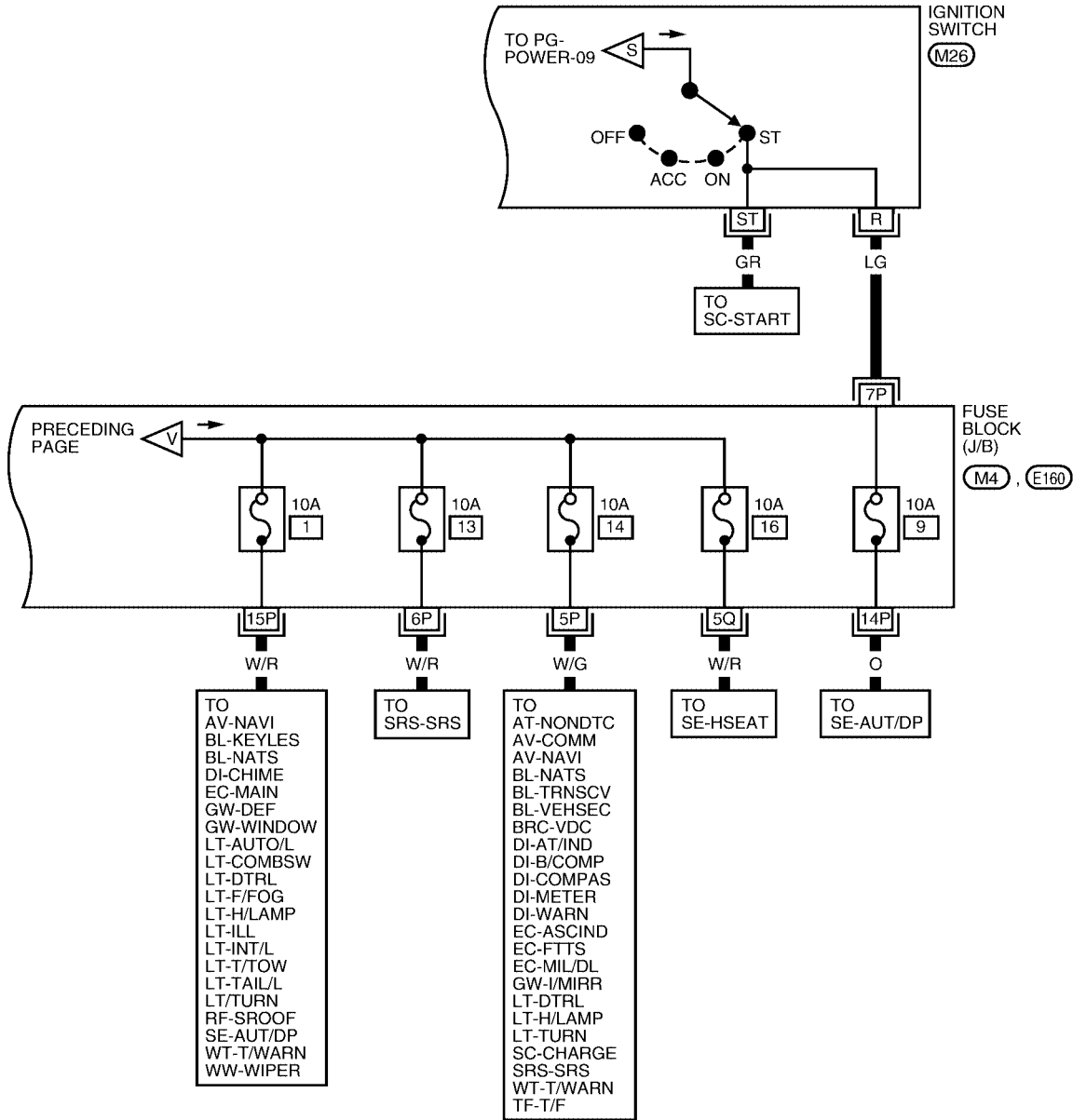
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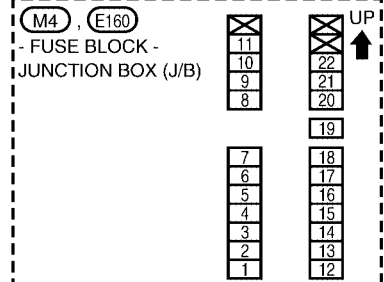
WKWA2532E

POWER SUPPLY ROUTING CIRCUIT

PG-POWER-11



REFER TO THE FOLLOWING.



WKWA2533E

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