



Electrical Guide

X-TYPE

Sedan and Estate (Wagon)

2.0 L, 2.5 L and 3.0 L Gasoline;

2.0 L and 2.2 L, Diesel

VIN: E19616 on

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Figure and Data Page Layout

Figure Pages

Each Figure represents a specific electrical system of the vehicle. The Figures are arranged numerically by system (**01 – Power Distribution, 02 – Battery; Starter; Generator**, etc.) with variations in the system identified by a numeral following a decimal point (**01.1, 01.2**, etc.). Refer to the **Table of Contents: Figures** for a complete list of the Figures.

The Figures **01 – Power Distribution** detail the distribution of power to each of the systems. Numbered reference symbols refer the user to a specific Figure and from a specific Figure back to the Power Distribution Figures. This method eliminates the need to include detailed Power Distribution information on each of the Figures. The reference symbols are defined on page 9.

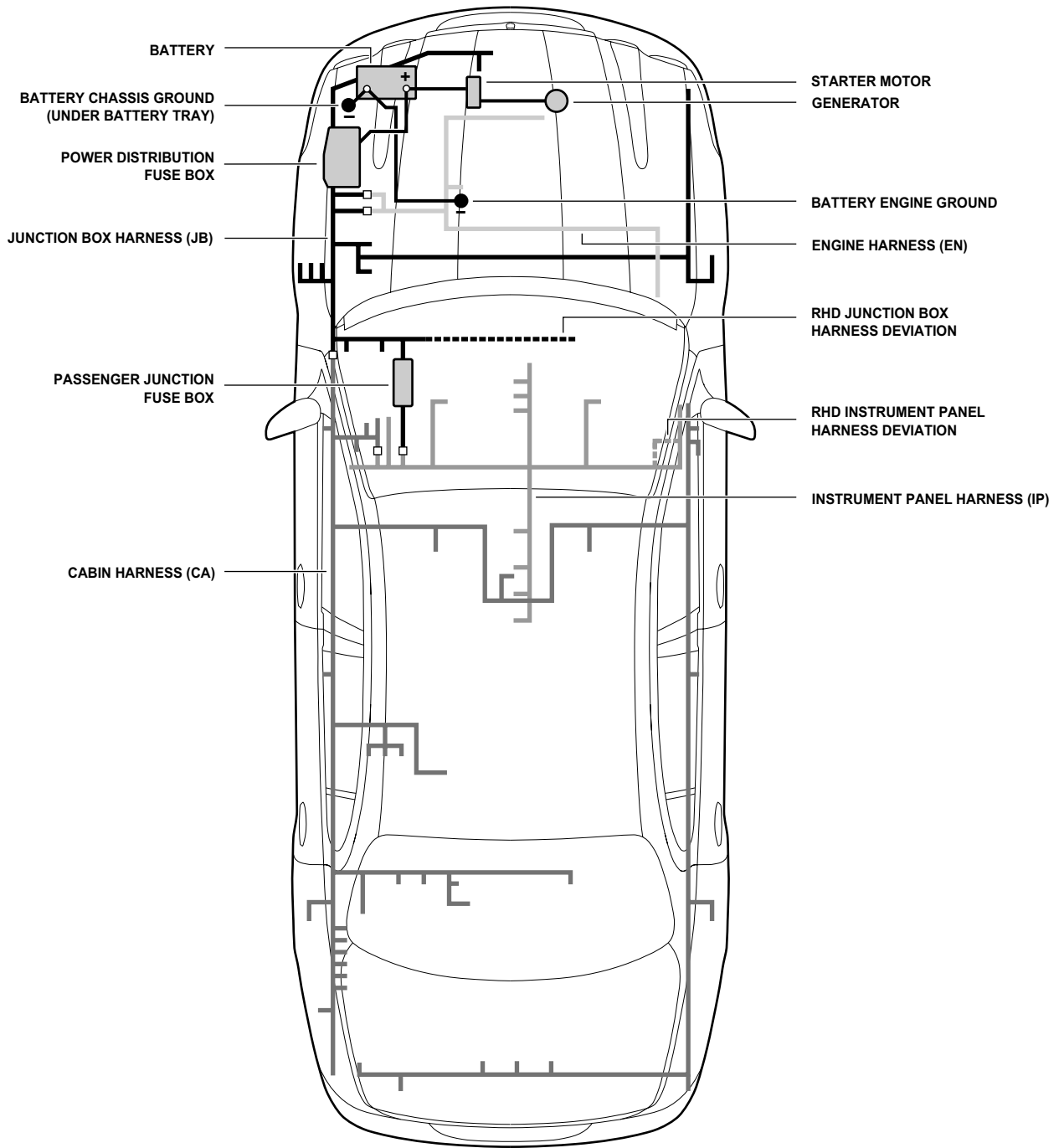
Each Figure appears on a right-hand page with a corresponding Data page to the left. The Figure and Data pages are folding pages. The user must fold out both pages in order to access all the information provided.

Data Pages

The Data page includes information to assist the user in identifying and locating components, connectors and grounds. This information is supplemented by the illustrations in this front section of the book.

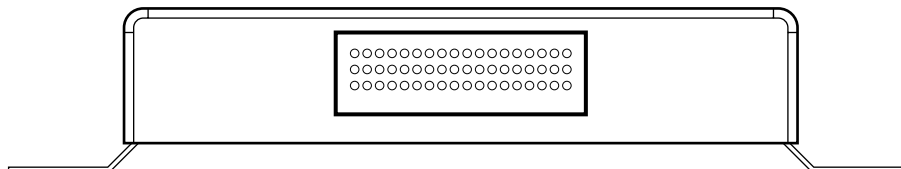
Most circuits that incorporate a control module include pin-out information. The characteristics listed are approximately those that can be expected at the control module connector pins with all circuit connections made and all components connected and fitted. This information is provided to assist the user in understanding circuit operation and should be used **FOR REFERENCE ONLY**.

SEDAN (GASOLINE ENGINE SHOWN)



harn_fuse_box.loc_4000625

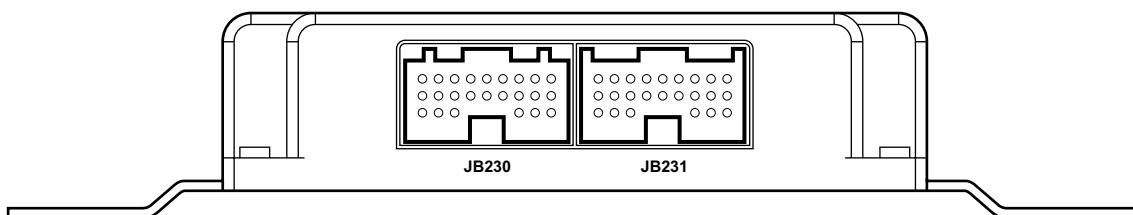
TRANSMISSION CONTROL MODULE - 16 BIT



JB131 / 37-WAY / BLUE

18 R	17 B	16 O	15 B	14 N	13 G	12 G	11 -	10 W	9 B	8 R	7 O	6 UY	5 O	4 U	3 G	2 -	1 -
36 WU	35 -	34 Y	33 Y	32 -	31 -	30 U	29 -	28 -	27 Y	26 S	25 W	24 N	23 -	22 -	21 G	20 R	19 -
54 WU	53 Y	52 G	51 -	50 -	49 -	48 -	47 OY	46 BRD	45 BW	44 BRD	43 -	42 BRD	41 -	40 -	39 W	38 B	37 -

TRANSMISSION CONTROL MODULE - 32 BIT



JB230 / 24-WAY / WHITE

1 R	2 G	3 O	4 B	5 Y	6 G	7 W	8 Y	9 -
10 WU	11 B	12 N	13 -	14 Y	15 G	16 -	17 -	18 U
19 WU	20 G	21 U			22 -	23 BRD	24 O	

JB231 / 24-WAY / GREY

25 B	26 BRD	27 R	28 UY	29 O	30 -	31 -	32 -	33 -
34 Y	35 S	36 W	37 -	38 N	39 G	40 -	41 OY	42 R
43 BW	44 BRD	45 -				46 -	47 W	48 B

K

Knee Bolster Igniter – Driver	Fig. 17.2
Knock Sensor	
2.0 L, 2.5 L, 3.0 L	Fig. 03.1
	Fig. 03.3
Diesel	Fig. 03.5

L

License Plate Lamps	
Estate (Wagon)	Fig. 08.4
	Fig. 08.8
	Fig. 08.9
Sedan	Fig. 08.3
	Fig. 08.5
	Fig. 08.6
	Fig. 08.7
Lumbar Switch Packs	Fig. 11.3
	Fig. 11.4

M

MAF Sensor	
2.0 L, 2.5 L, 3.0 L	Fig. 03.1
	Fig. 03.3
Diesel	Fig. 03.5
Main Beam / Front Fog Relay	Fig. 08.1
	Fig. 08.2
MAP Sensor	Fig. 03.1
	Fig. 03.3
Master Lighting Switch	Fig. 07.1
	Fig. 08.1
	Fig. 08.2
	Fig. 08.3
	Fig. 08.4
	Fig. 08.10
	Fig. 09.2
Mid Bass Speakers	
Front	Fig. 15.1
	Fig. 15.2
Rear	Fig. 15.2

N

Navigation Control Module	Fig. 16.1
	Fig. 16.2
	Fig. 16.4
	Fig. 16.5
	Fig. 20.3
	Fig. 20.4
Navigation GPS Antennas	Fig. 16.4
	Fig. 16.5

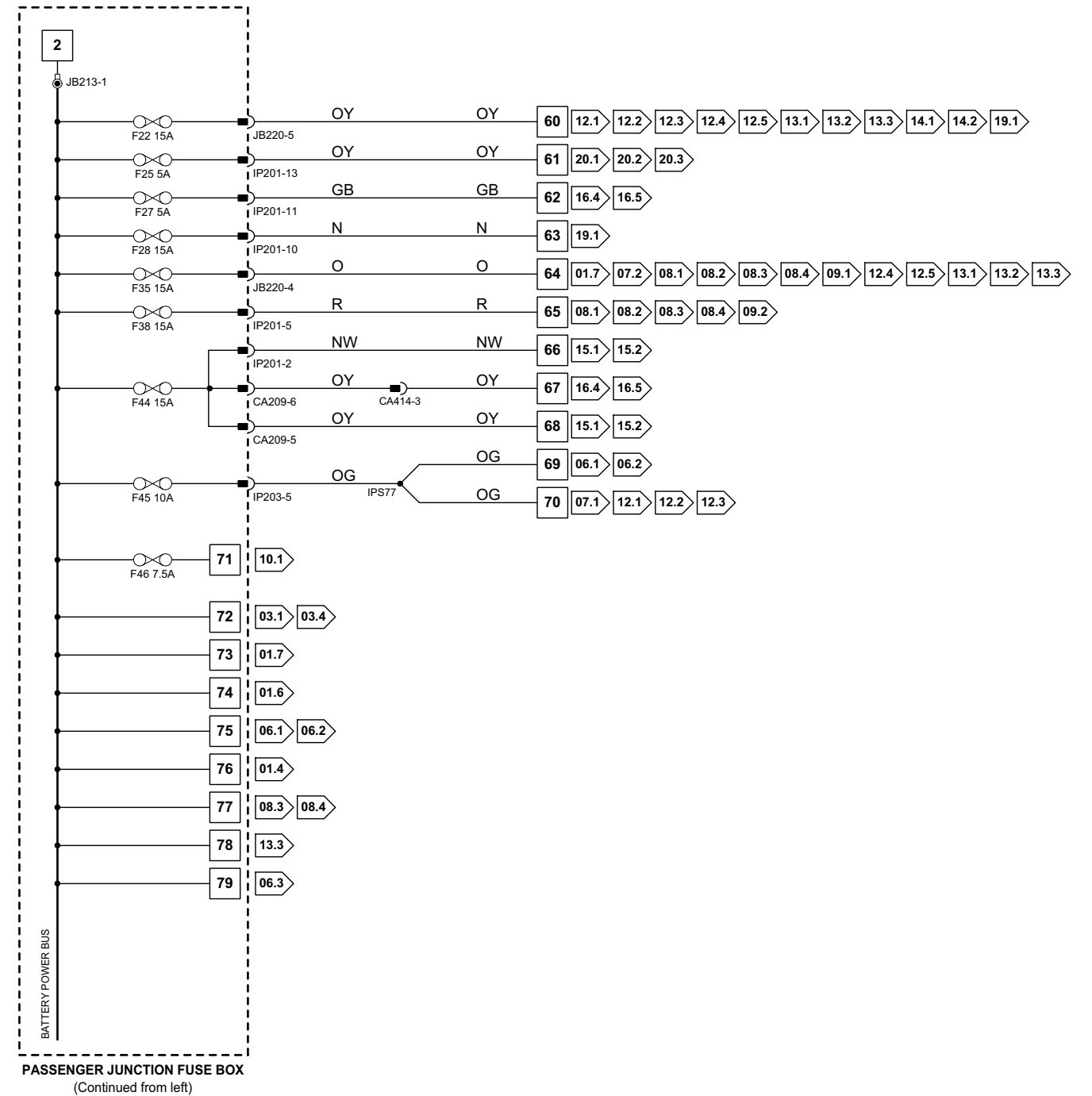
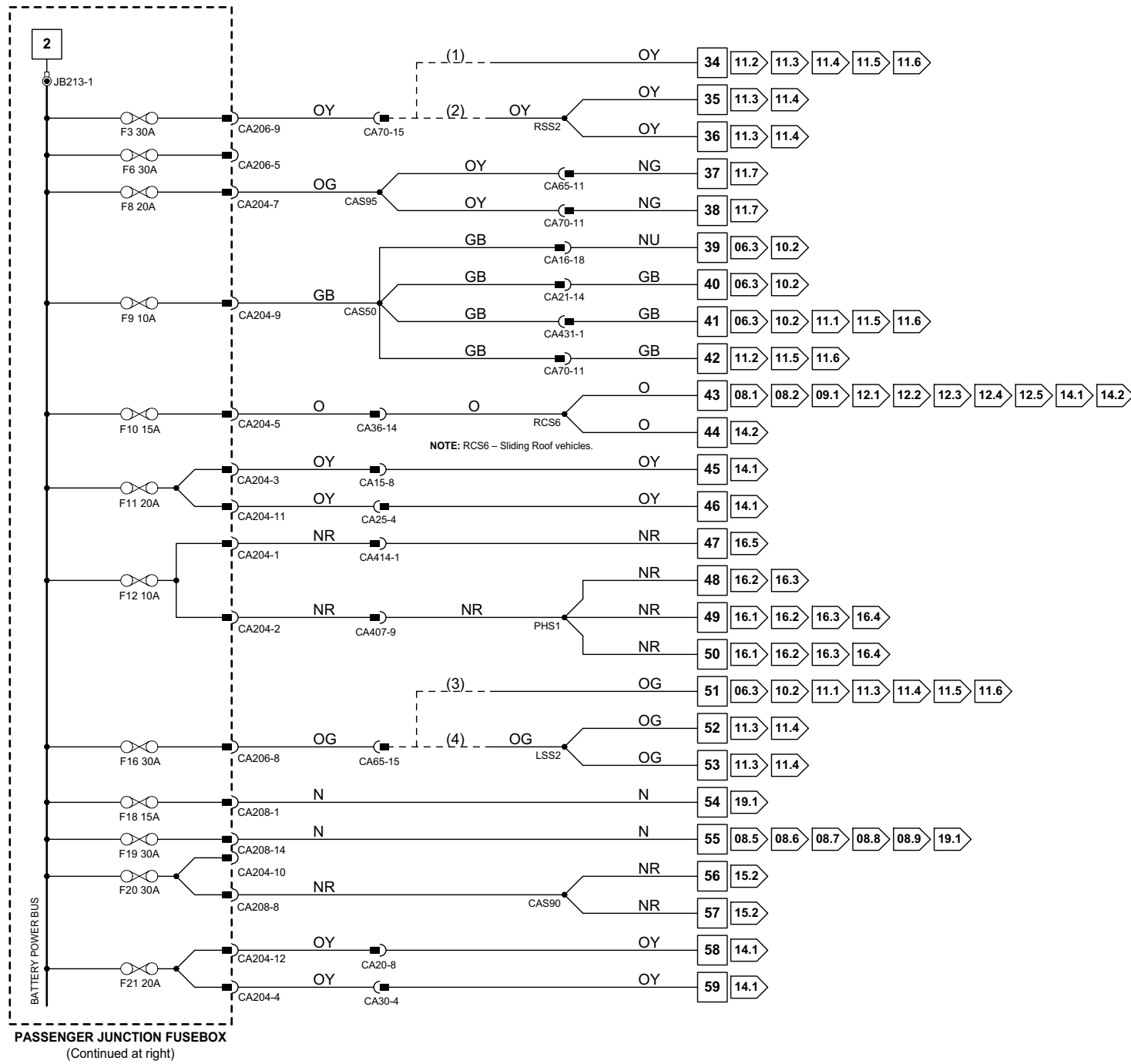
O

Oil Pressure Switches	
2.0 L, 2.5 L, 3.0 L	Fig. 07.1
Diesel	Fig. 07.1

P

Panel / Floor Actuator	Fig. 06.1
	Fig. 06.2
Parking Aid Module	Fig. 18.1
	Fig. 20.3
Parking Aid Sensors	Fig. 18.1
Parking Aid Sounders	Fig. 18.1
Parking Brake Switch	Fig. 07.1
Passenger Airbag Deactivated Indicator Lamp	Fig. 17.1
	Fig. 17.2

Passenger Junction Fusebox	Fig. 01.1
	Fig. 01.3
	Fig. 01.4
	Fig. 01.6
	Fig. 01.7
	Fig. 01.8
	Fig. 03.1
	Fig. 03.4
	Fig. 06.1
	Fig. 06.2
	Fig. 06.3
	Fig. 08.1
	Fig. 08.2
	Fig. 08.3
	Fig. 08.4
	Fig. 10.1
	Fig. 13.1
	Fig. 13.2
	Fig. 13.3
Passenger Junction Fusebox Ignition Relay	Fig. 01.6
Passenger Seat Belt Tension Sensor	Fig. 17.2
Passenger Seat Weight Pressure Sensor	Fig. 17.1
	Fig. 17.2
Passenger Seat Weight Sensing Module	Fig. 17.1
	Fig. 17.2
Passive Anti-Theft System Transceiver	Fig. 02.1
	Fig. 02.2
	Fig. 02.3
	Fig. 12.4
	Fig. 12.5
Power Amplifier	Fig. 15.2
	Fig. 20.4
Power Distribution Fusebox	Fig. 01.1
	Fig. 01.2
	Fig. 01.5
	Fig. 01.8
	Fig. 01.9
	Fig. 02.1
	Fig. 02.2
	Fig. 02.3
	Fig. 03.2
	Fig. 03.4
	Fig. 03.5
	Fig. 03.6
	Fig. 06.3
	Fig. 08.1
	Fig. 08.2
	Fig. 08.10
	Fig. 13.1
	Fig. 13.2
	Fig. 19.1
Power Distribution Fusebox Ignition Relay	Fig. 01.5
Powerwash Pump	Fig. 13.1
	Fig. 13.2
Powerwash Pump Relay	Fig. 13.1
	Fig. 13.2
R	
Rain Sensing Module	Fig. 13.2
Rain Sensor	Fig. 13.2
Restraints Control Module	
All Wheel Drive Vehicles	Fig. 07.1
	Fig. 07.2
	Fig. 17.2
	Fig. 20.3
Front Wheel Drive Vehicles	Fig. 07.1
	Fig. 07.2
	Fig. 17.1
	Fig. 20.3



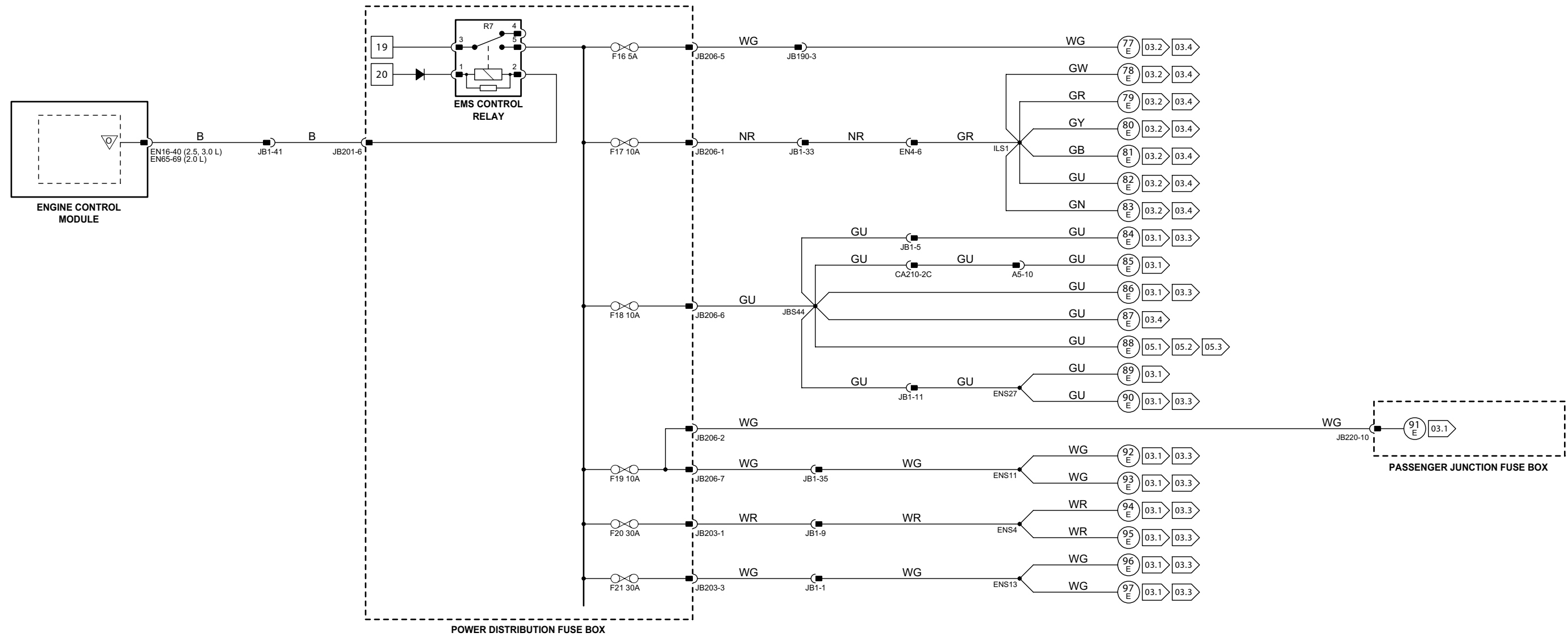
NOTATION:
 (1) Passenger Memory Seat; RH Seat without Lumbar
 (2) RH Seat with Lumbar
 (3) Driver Memory Seat; LH Seat without Lumbar
 (4) LH Seat with Lumbar

G18AR

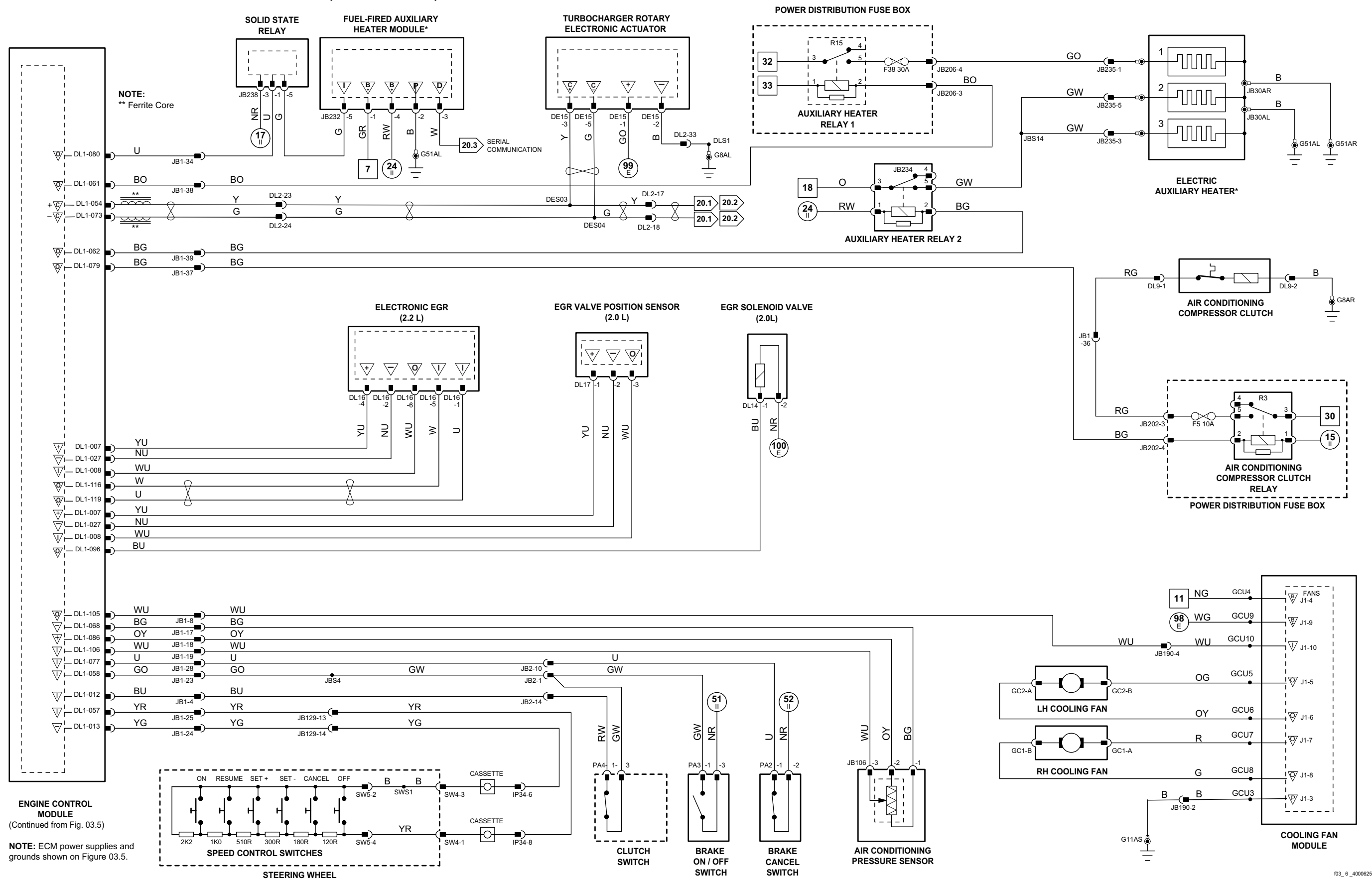
01_3_400025

1 → 6 Fig. 01.1	34 → 79 Fig. 01.3	11 → 31 Fig. 01.5	67 → 76 Fig. 01.7	98 → 107 Fig. 01.9	Input	Battery Voltage	Sensor/Signal Supply V	CAN	D2B Network
7 → 33 Fig. 01.2	1 → 10 Fig. 01.4	32 → 66 Fig. 01.6	77 → 97 Fig. 01.8		Output	Power Ground	Sensor/Signal Ground	SCP	Serial and Encoded Data

VARIANT: All Vehicles
VIN RANGE: All
DATE OF ISSUE: January 2007



* NOTE: Either Fuel-Fired Auxiliary Heater or Electric Auxiliary Heater fitted.



ENGINE CONTROL MODULE
(Continued from Fig. 03.5)

NOTE: ECM power supplies and grounds shown on Figure 03.5.

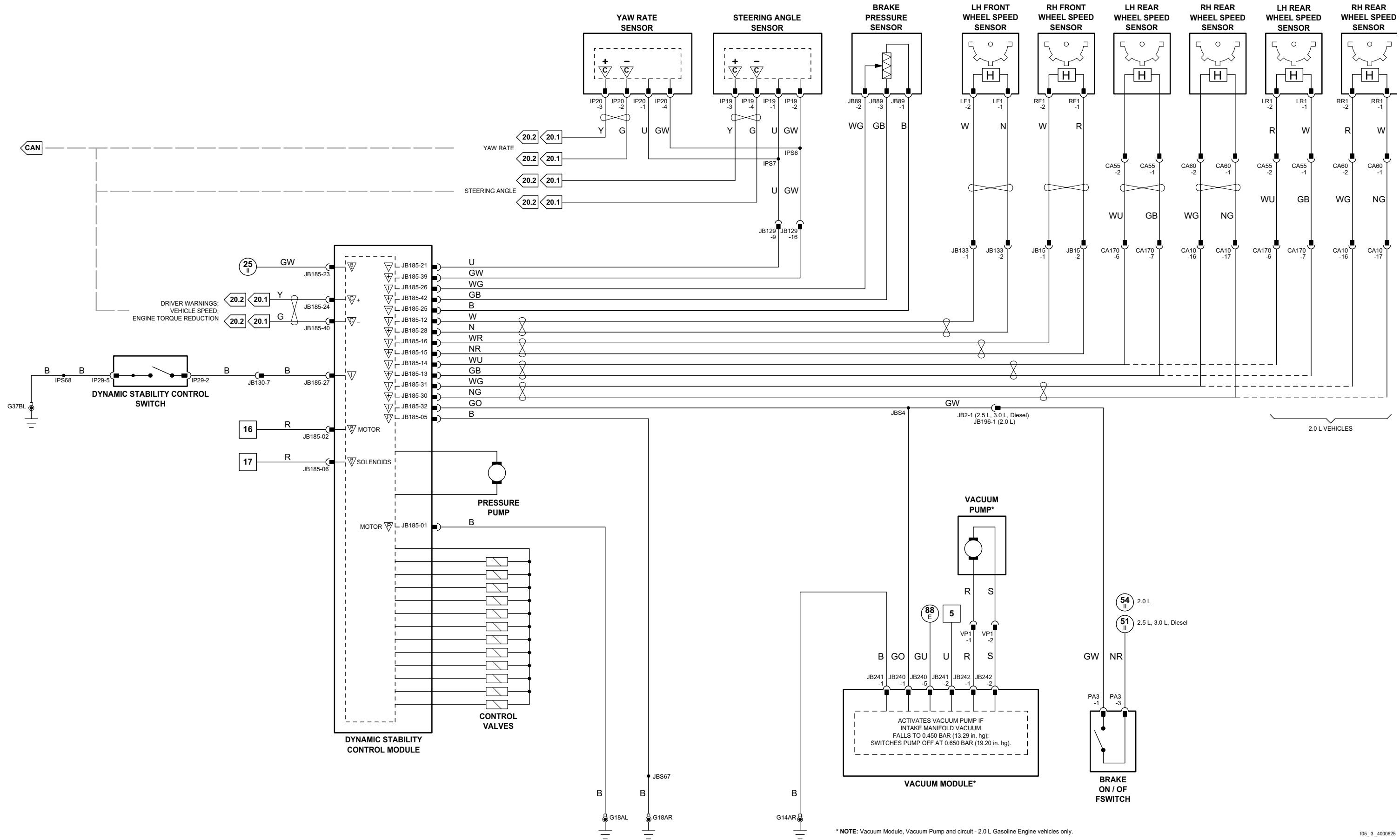
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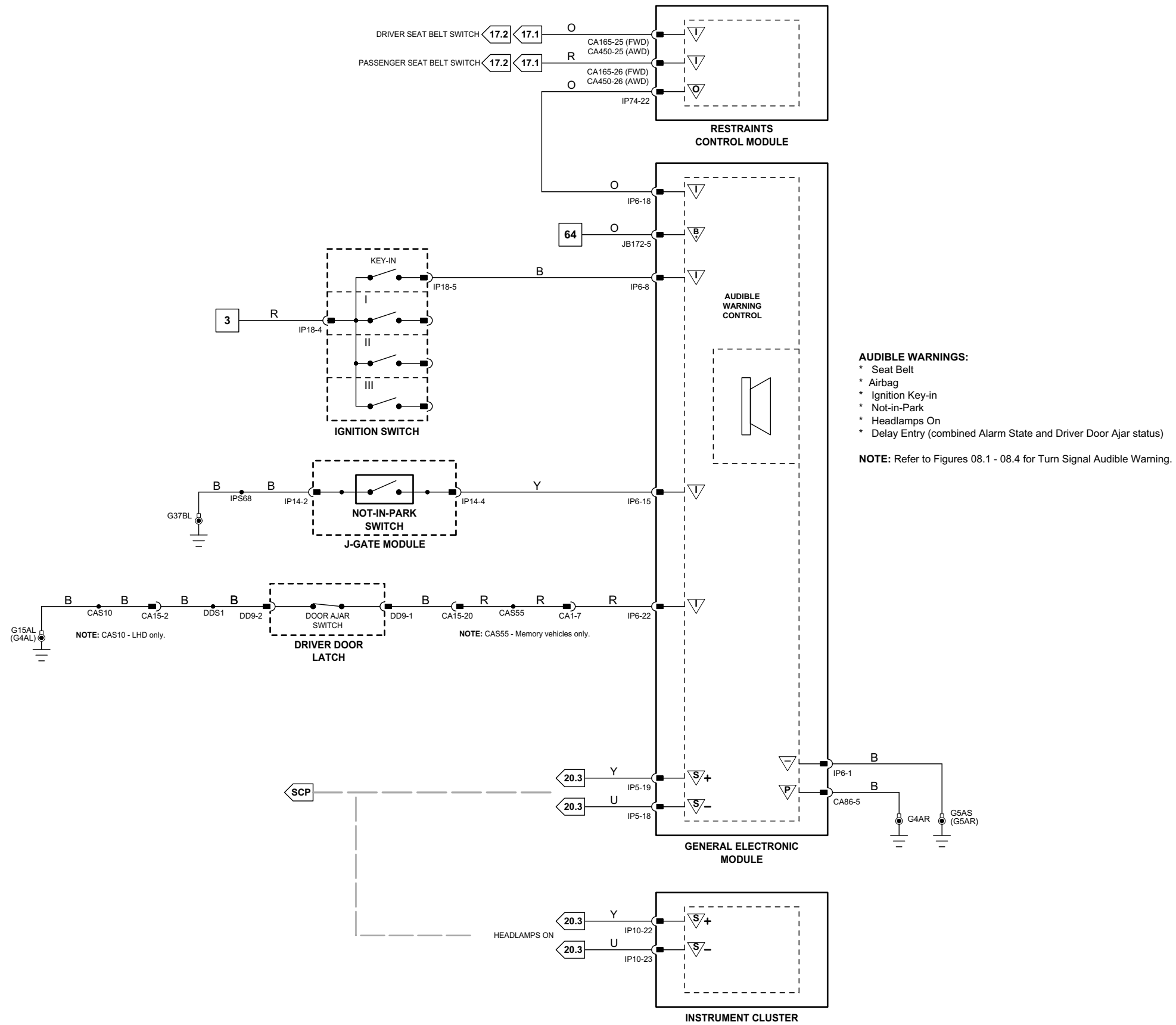


2.0 L VEHICLES

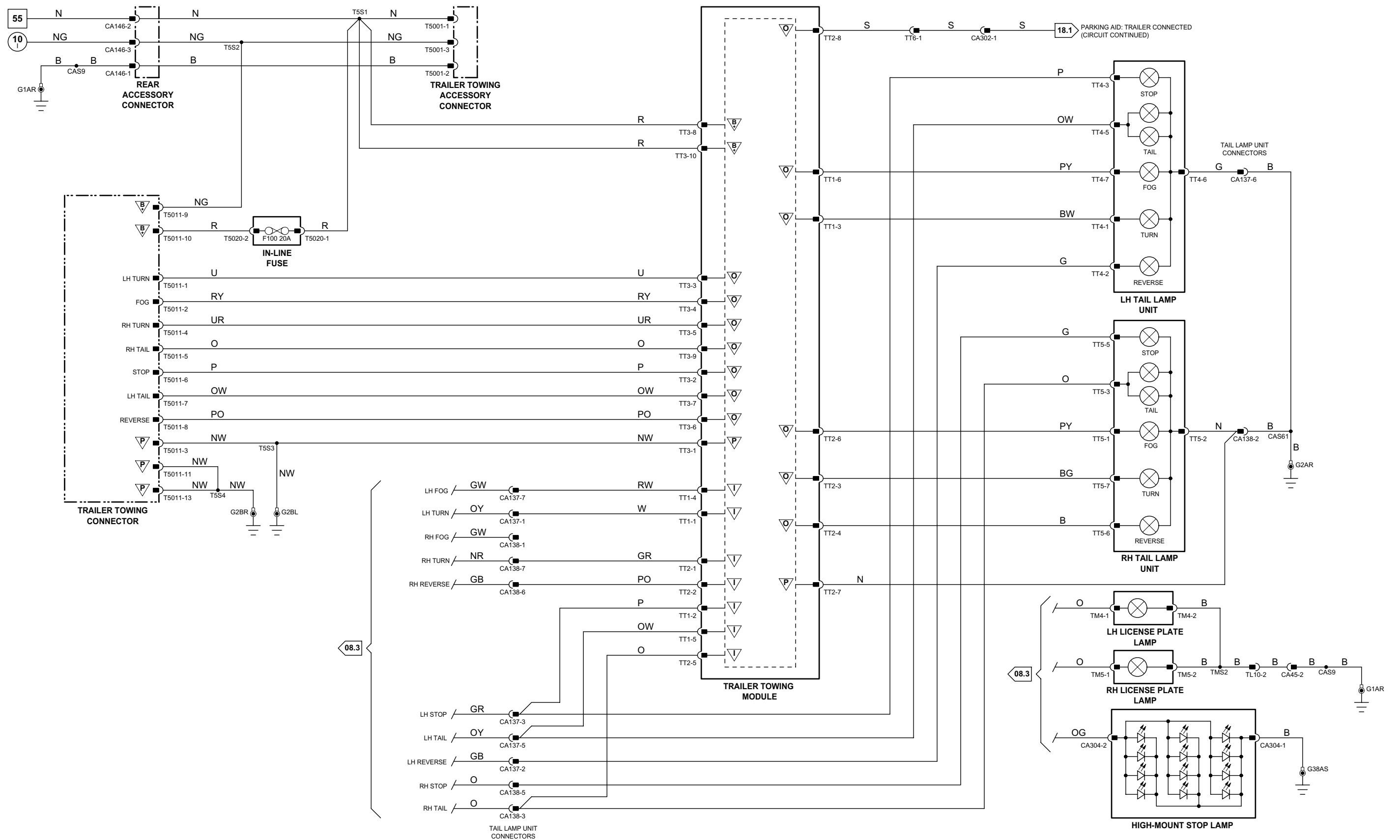
* NOTE: Vacuum Module, Vacuum Pump and circuit - 2.0 L Gasoline Engine vehicles only.

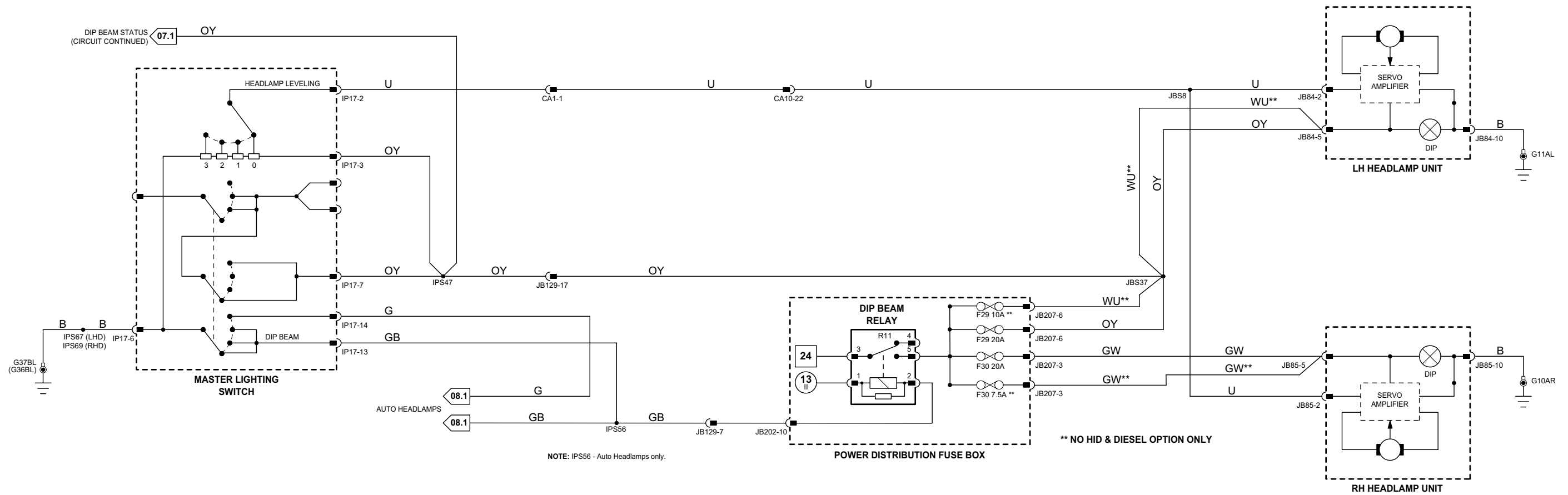
1 → 6 Fig. 01.1	34 → 79 Fig. 01.3	11 → 31 Fig. 01.5	67 → 76 Fig. 01.7	98 → 107 Fig. 01.9	Input	Battery Voltage	Sensor/Signal Supply V	CAN	D2B Network
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VARIANT: DSC Vehicles
 VIN RANGE: All
 DATE OF ISSUE: January 2007

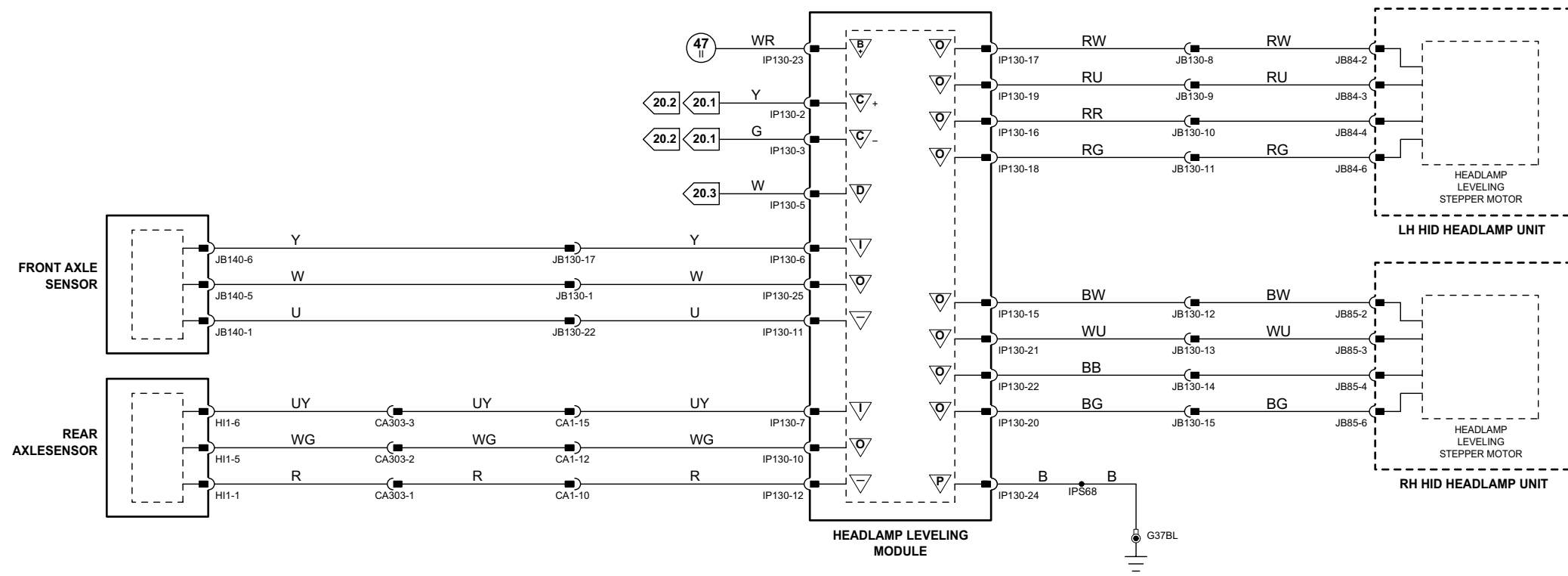


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DRIVER-CONTROLLED HEADLAMP LEVELING

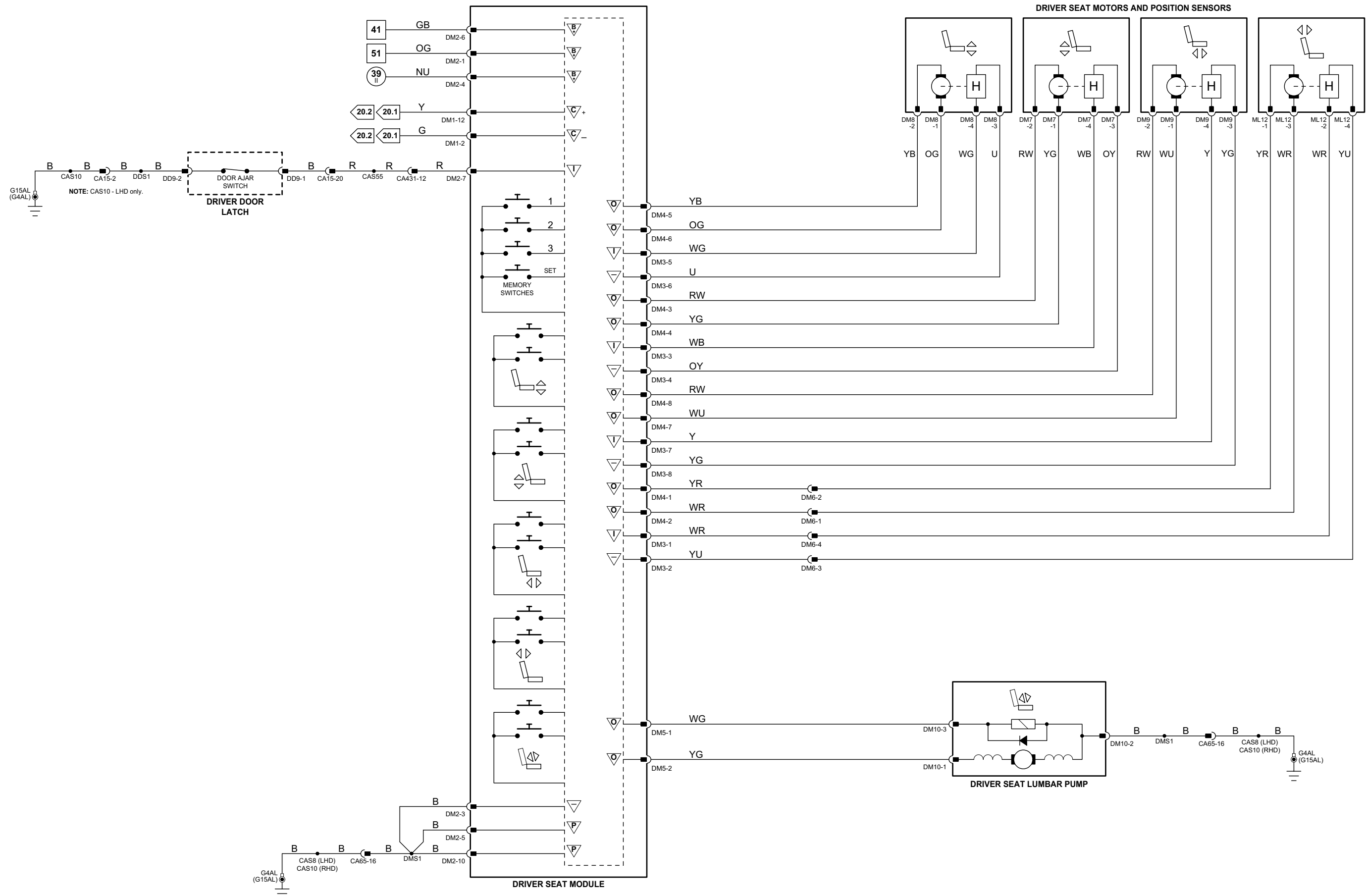


AUTOMATIC HEADLAMP LEVELING

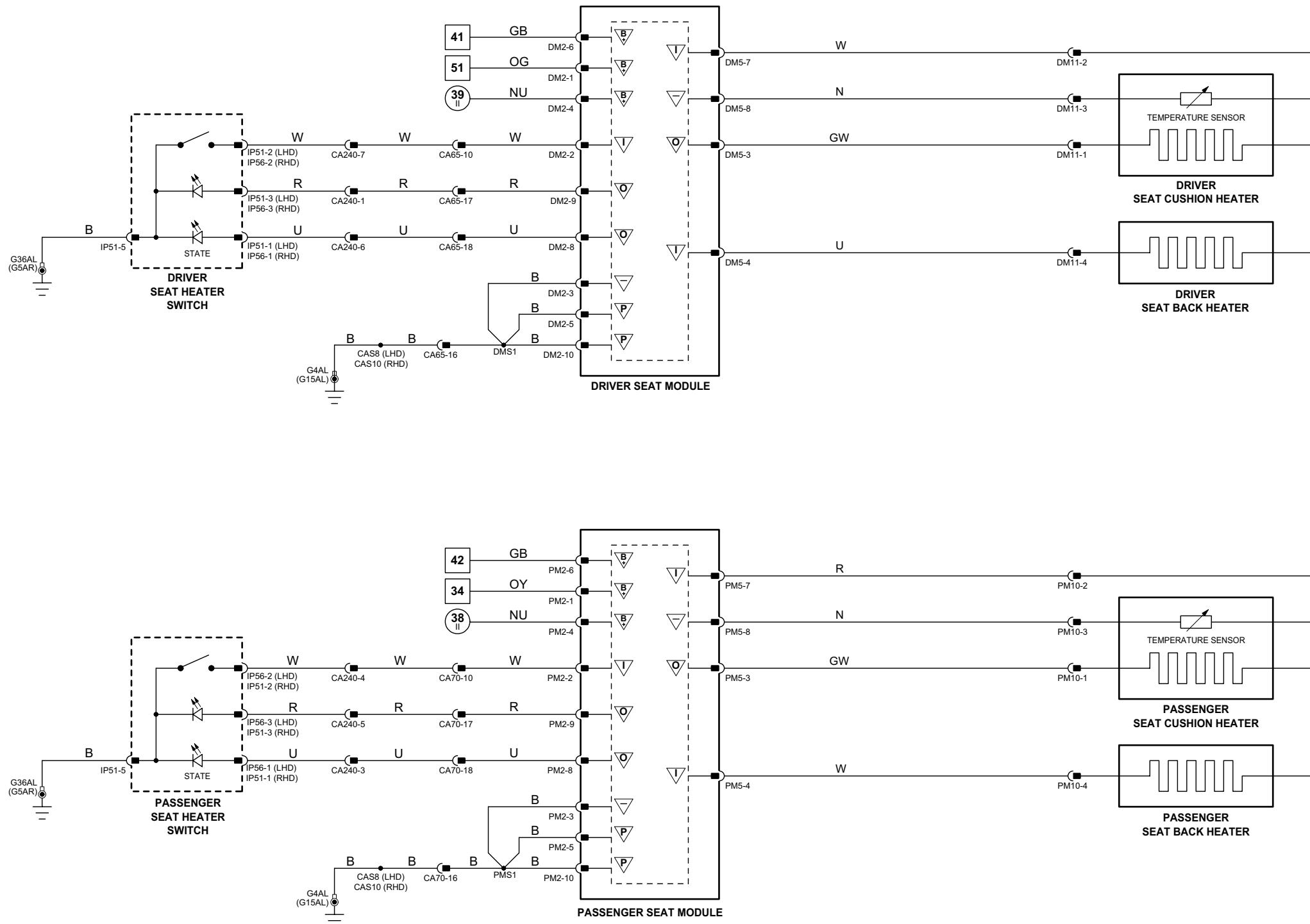
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1 → 6 Fig. 01.1	34 → 79 Fig. 01.3	11 → 31 Fig. 01.5	67 → 76 Fig. 01.7	98 → 107 Fig. 01.9	Input	Battery Voltage	Sensor/Signal Supply V	CAN	D2B Network
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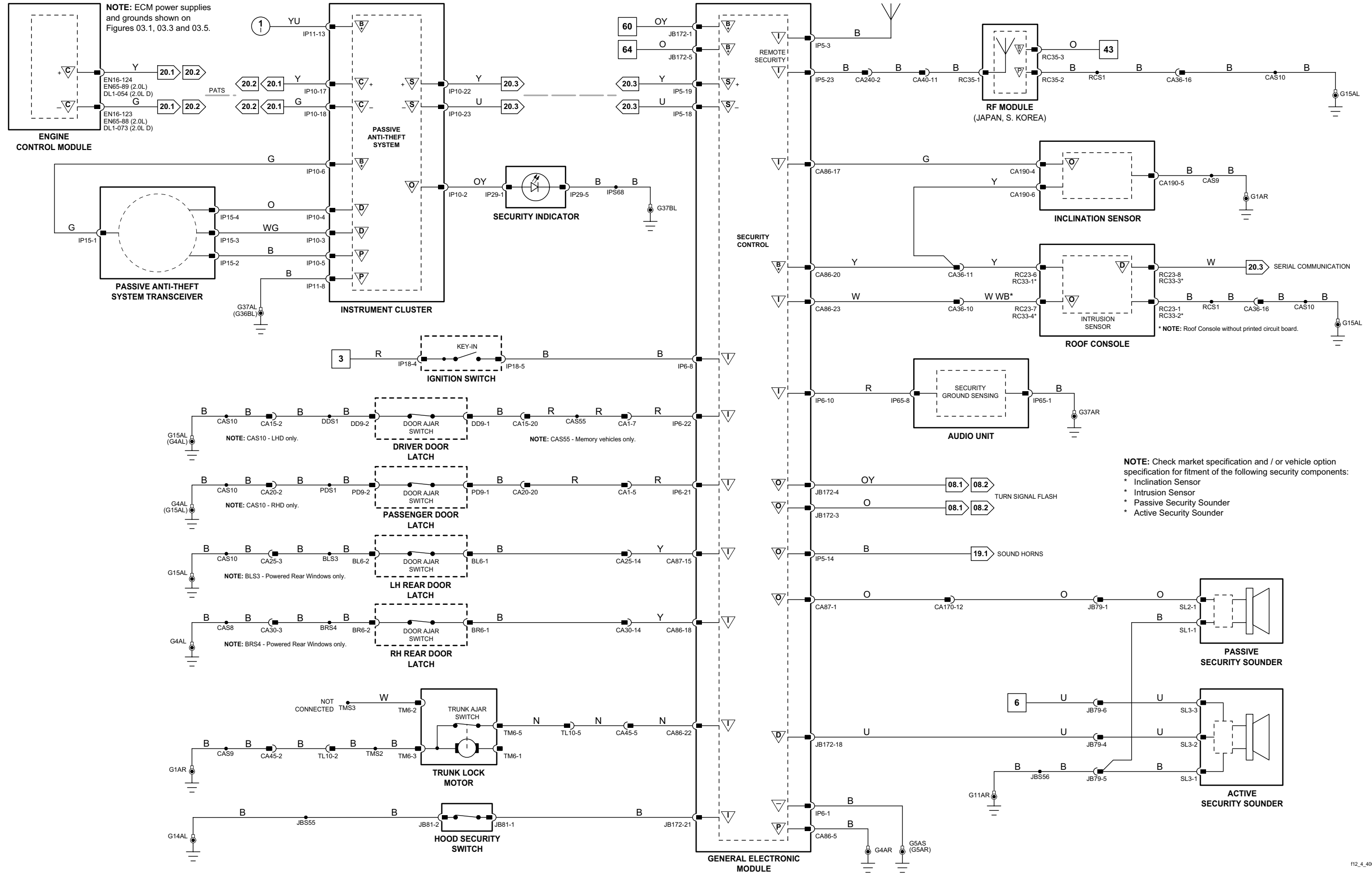
VARIANT: H/L & HID Headlamp Vehicles
VIN RANGE: All
DATE OF ISSUE: January 2007



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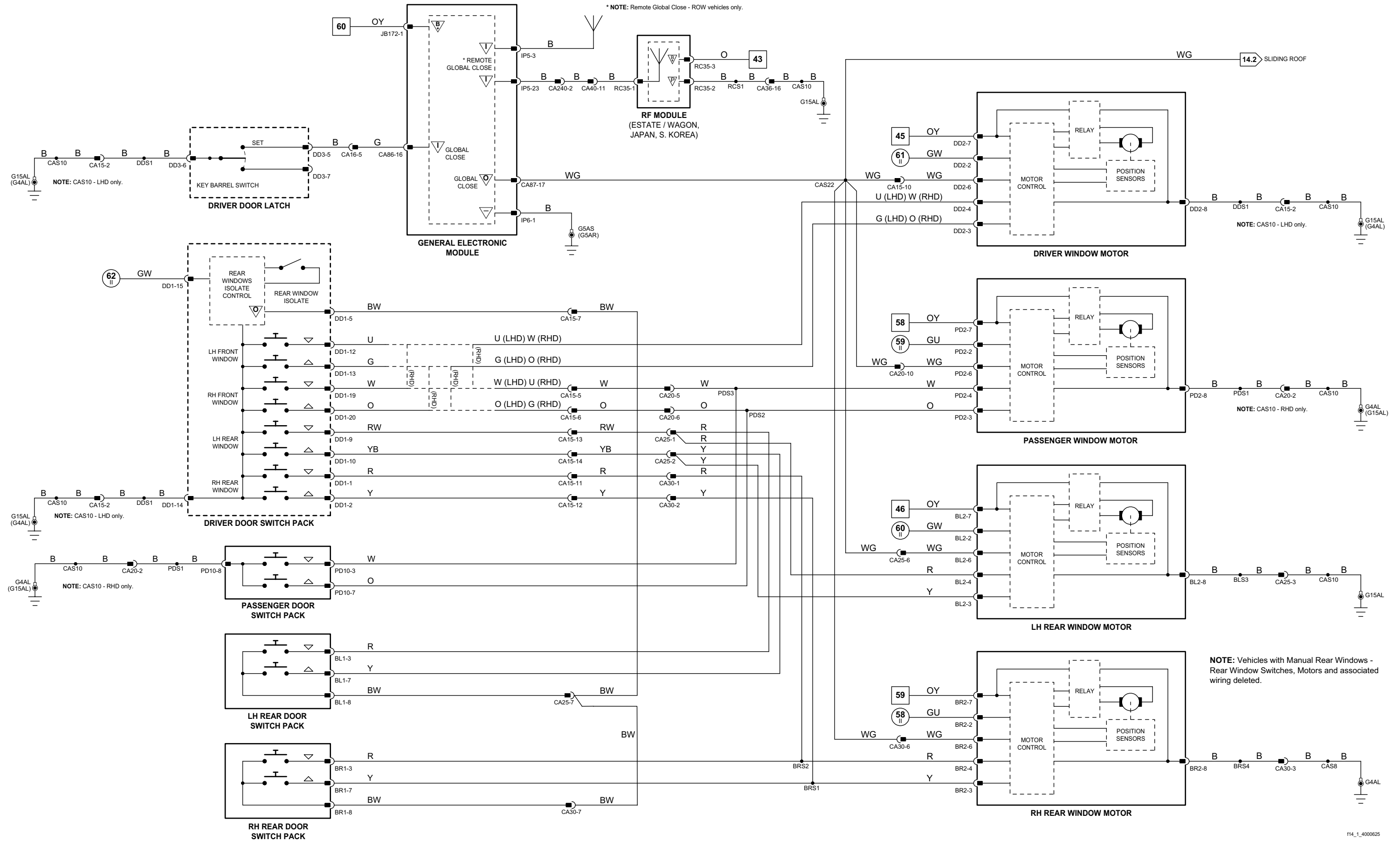
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NOTE: Check market specification and / or vehicle option specification for fitment of the following security components:
 * Inclinometer
 * Intrusion Sensor
 * Passive Security Sounder
 * Active Security Sounder

1 → 6 Fig. 01.1	34 → 79 Fig. 01.3	11 → 31 Fig. 01.5	67 → 76 Fig. 01.7	98 → 107 Fig. 01.9	Input	Battery Voltage	Sensor/Signal Supply V	CAN	D2B Network
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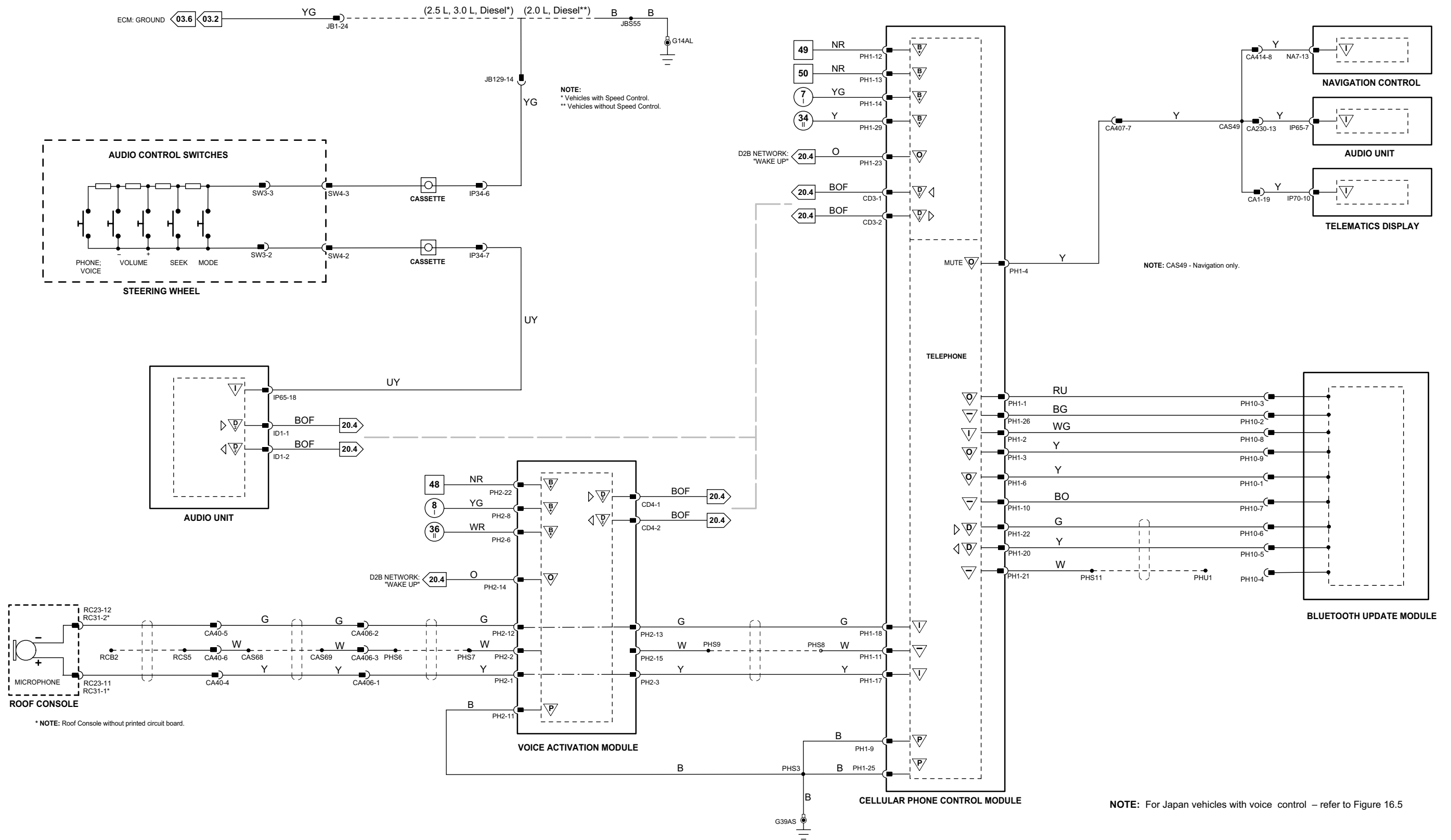
VARIANT: Sedan Vehicles
VIN RANGE: All
DATE OF ISSUE: January 2007

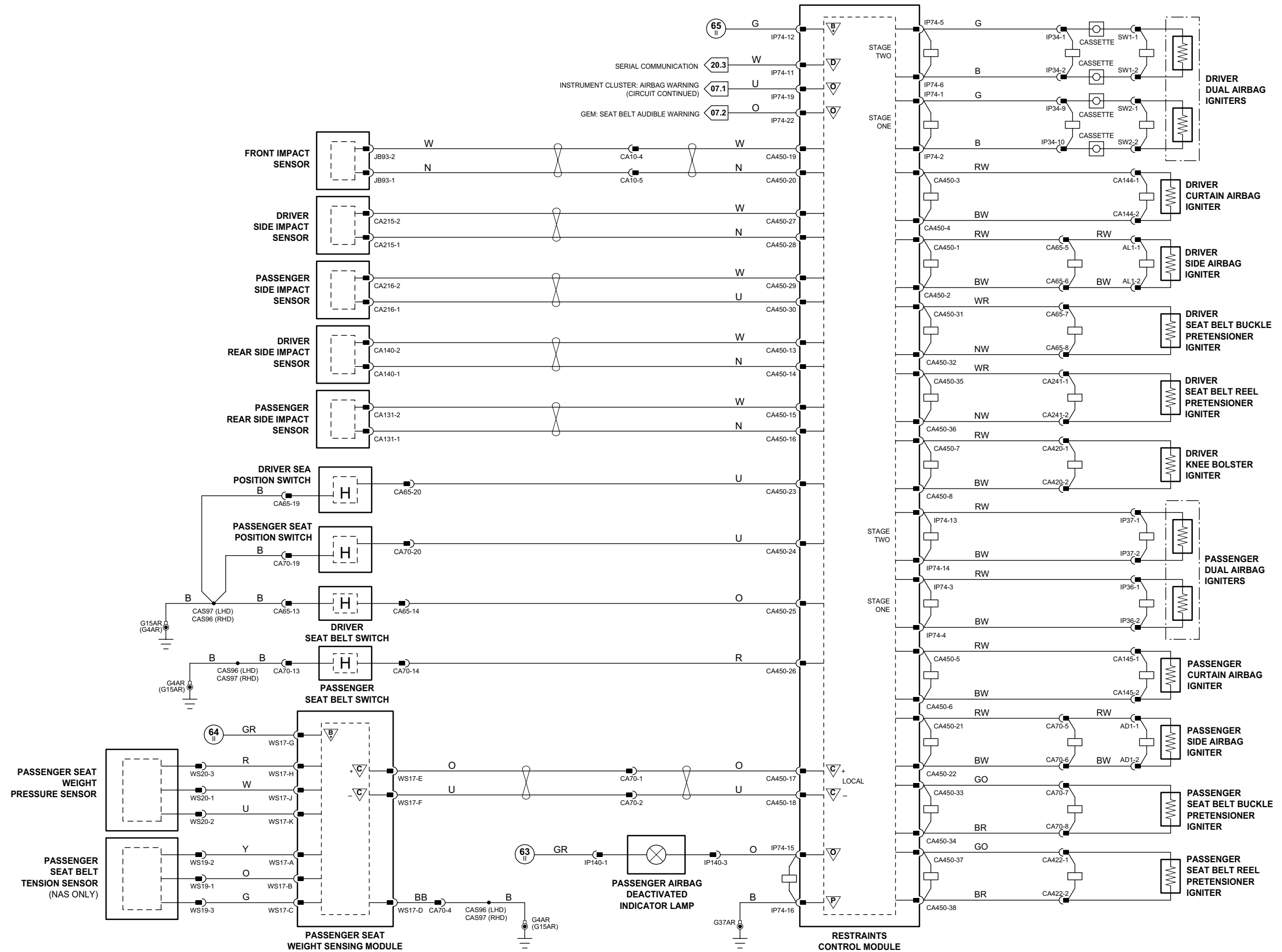


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1 → 6 Fig. 01.1	34 → 79 Fig. 01.3	11 → 31 Fig. 01.5	67 → 76 Fig. 01.7	98 → 107 Fig. 01.9	Input	Battery Voltage	Sensor/Signal Supply V	CAN	D2B Network
7 → 33 Fig. 01.2	1 → 10 Fig. 01.4	32 → 66 Fig. 01.6	77 → 97 Fig. 01.8		Output	Power Ground	Sensor/Signal Ground	SCP	Serial and Encoded Data

VARIANT: All Vehicles
VIN RANGE: All
DATE OF ISSUE: January 2007





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7 → 33 Fig. 01.2	1 → 10 Fig. 01.4	32 → 66 Fig. 01.6	77 → 97 Fig. 01.8		Output	Power Ground	Sensor/Signal Ground	SCP	Serial and Encoded Data

VARIANT: All Wheel Drive Vehicles
 VIN RANGE: All
 DATE OF ISSUE: January 2007

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