# FOREWORD

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# Wiring Diagrams



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GROUP

# 1

# General Information

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# SECTION 100-00 General Information

## VEHICLE APPLICATION: 2011.0 Kuga

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## DESCRIPTION AND OPERATION

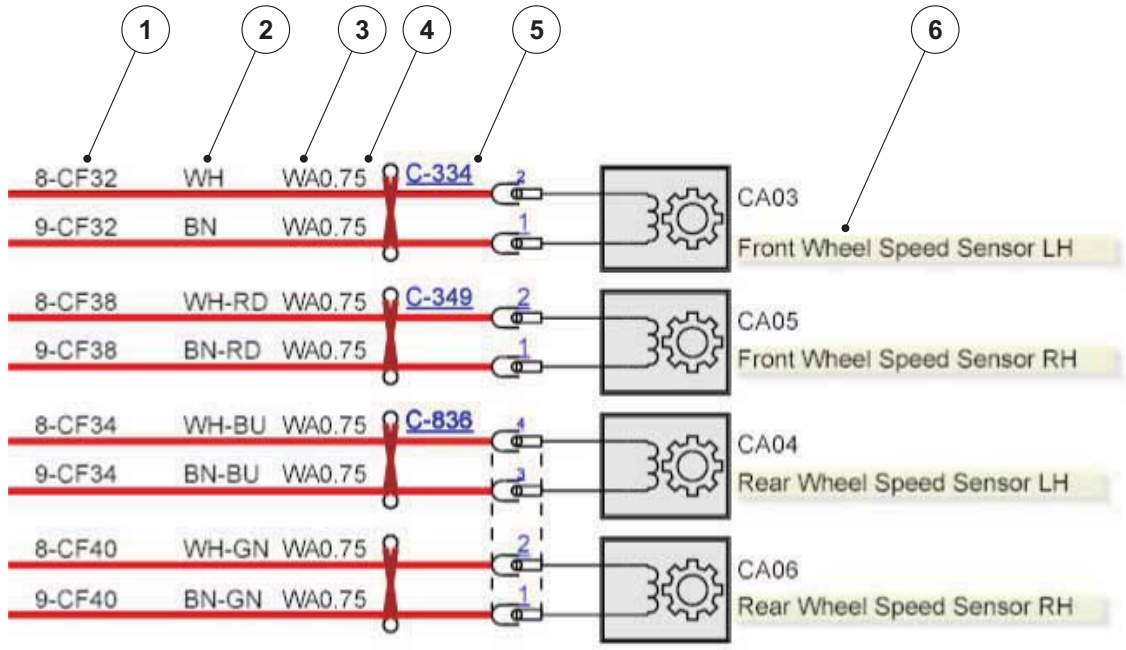
# About This Manual

### How to Use This Manual

This manual is structured into Systems, Groups and Sections. A System covers a specific portion of the vehicle. The manual is divided into six Systems: General Information, Chassis, Powertrain, Electrical, Body and Paint and General Wiring Information. Each System contains a number of Groups that contain a number of Sections relating to specific vehicle systems. Each Section contains a wiring diagram containing all of the information relating to the specific vehicle system. Some Sections contain a number of wiring diagrams that cover a number of different vehicle variants. Connector location information and connector face views are provided through links within the wiring diagram for each vehicle system.

**Example:** Chassis > Brake System > Anti-Lock Control (System > Group > Section)

### Wiring Diagram Format




E121455

| Item | Description |
|---|---|
| 1 | Circuit code |
| 2 | Wire color code |
| 3 | Wire insulation specification (temperature) |

| Item | Description |
|---|---|
| 4 | Wire diameter (mm²) |
| 5 | Connector code |
| 6 | Component name |

# DESCRIPTION AND OPERATION

## Circuit Code

| Position | Description |
|---|---|
| 1 | Electrical potential |
| 2 | System |
| 3 | Sub-system |
| 4 and 5 | Function |
| Some circuit codes also have a suffix. Suffices are used when parts of a circuit are separated with a connector. | |

## Position 1: Potential

| Code | Description |
|---|---|
| G | GND (ground) |
| S | Standard voltage |
| H | Higher than standard voltage |
| C | Changing or switched |
| V | Variable signal |
| L | Lower than standard voltage |
| R | Return or reference |
| D | Drain wire |
| Z | Any of the above with a temporary function |

## Position 2: System

| Code | Description |
|---|---|
| A | Power convenience |
| B | Circuit protection |
| C | Chassis |
| D | Electrical distribution |
| E | Diagnostic bus |
| F | Climate control |
| G | Information and entertainment |
| H | Heating |
| J | Supplemental restraints |
| K | Windshield wipers and washers |
| L | Lighting |

## DESCRIPTION AND OPERATION

| Code | Description |
|---|---|
| M | Multimedia (information and entertainment) |
| N | Special vehicle |
| P | Engine and transmission |
| R | Engine and transmission (engine) |
| T | Engine and transmission (transmission) |
| X | Temporary numbering |

### Position 3: Sub-system

| System Code | Sub-system Code | Description |
|---|---|---|
| A | A | Locks |
| A | D | Power mirrors |
| A | G | Power roof, doors, side steps |
| A | H | Power seats |
| A | J | Power windows |
| A | L | Power steering column |
| A | M | Power roof, doors, side steps |
| B | A | Charging, starting, cigar lighter, power outlet socket |
| B | B | Charging, starting, cigar lighter, power outlet socket |
| C | C | Adaptive damping |
| C | D | Suspension |
| C | E | Power steering |
| C | F | Anti-lock brakes, traction control, stability assist |
| C | G | Brakes |
| D | A | Splices distribution |
| D | B | Busbars |
| D | C | BJB (battery junction box) |
| D | D | CJB (central junction box) |
| D | E | GND points |
| D | F | Junction box |
| D | G | AJB (auxiliary junction box) |
| D | H | AJB |
| D | J | AJB |
| D | K | GEM (generic electronic module) |

## DESCRIPTION AND OPERATION

| System Code | Sub-system Code | Description |
|---|---|---|
| E | A | Diagnostic bus - audio communications protocol |
| E | B | Diagnostic bus - alternator |
| E | C | Diagnostic bus - CAN (controller area network) |
| E | D | Diagnostic bus - diagnostic connector link |
| E | E | Diagnostic bus - International Standards Organization |
| E | G | Diagnostic bus - SCP (standard corporate protocol) |
| F | A | Climate control module |
| F | B | Climate control module |
| F | C | Auxiliary climate control |
| G | A | Instrument cluster, information and message center, tachograph |
| G | B | Instrument cluster, information and message center, tachograph |
| G | C | Instrument cluster, information and message center, tachograph |
| G | E | Instrument cluster, information and message center, tachograph |
| G | G | Instrument cluster |
| G | H | Instrument cluster, information and message center, tachograph |
| G | J | Horn |
| G | K | Navigation |
| G | L | Anti-theft |
| G | M | Audible warnings and indicators |
| G | N | Parking aid |
| G | P | Vehicle emergency monitoring |
| H | A | Auxiliary climate control |
| H | B | Heated windshield, rear window, mirrors, washer jets |
| H | C | Heated seats |
| J | A | RCM (restraints control module), air bag module, side air curtain module |
| K | A | Windshield wipers and washers, rear window wiper and washer, headlamp washers |
| L | B | Interior lamps, courtesy lamps |
| L | C | Interior lamps, courtesy lamps |

## DESCRIPTION AND OPERATION

| System Code | Sub-system Code | Description |
|---|---|---|
| L | D | Fog lamps |
| L | E | Headlamps |
| L | F | Exterior lighting |
| L | G | Turn signal and hazard lamps |
| L | H | Instrument cluster and panel illumination |
| L | K | Instrument panel illumination |
| M | C | Communication, cellular phone, voice control |
| M | D | Information and entertainment |
| N | A | Ambulance |
| N | B | Police |
| N | C | Taxi |
| N | D | Trailer tow |
| P | A | Engine cooling |
| P | G | Speed control |
| R | A | Connectors |
| R | B | Destination notes |
| R | D | Powertrain controller, diode, driver, monitor, pump |
| R | E | PCM (powertrain control module) |
| R | G | Motors |
| R | H | Relays |
| R | J | Sensors |
| R | L | Solenoids |
| R | N | Splices or busbars |
| R | P | Switches |
| R | R | Engine ignition |
| R | S | Powertrain controller, diode, driver, monitor, pump |
| T | A | Transmission/transaxle, differential, axle |
| T | C | Automatic transmission |
| T | D | Transmission/transaxle, differential, axle |
| X | L | Temporary functions for any sub-system |

## DESCRIPTION AND OPERATION

### Wire Insulation Specification (Temperature)

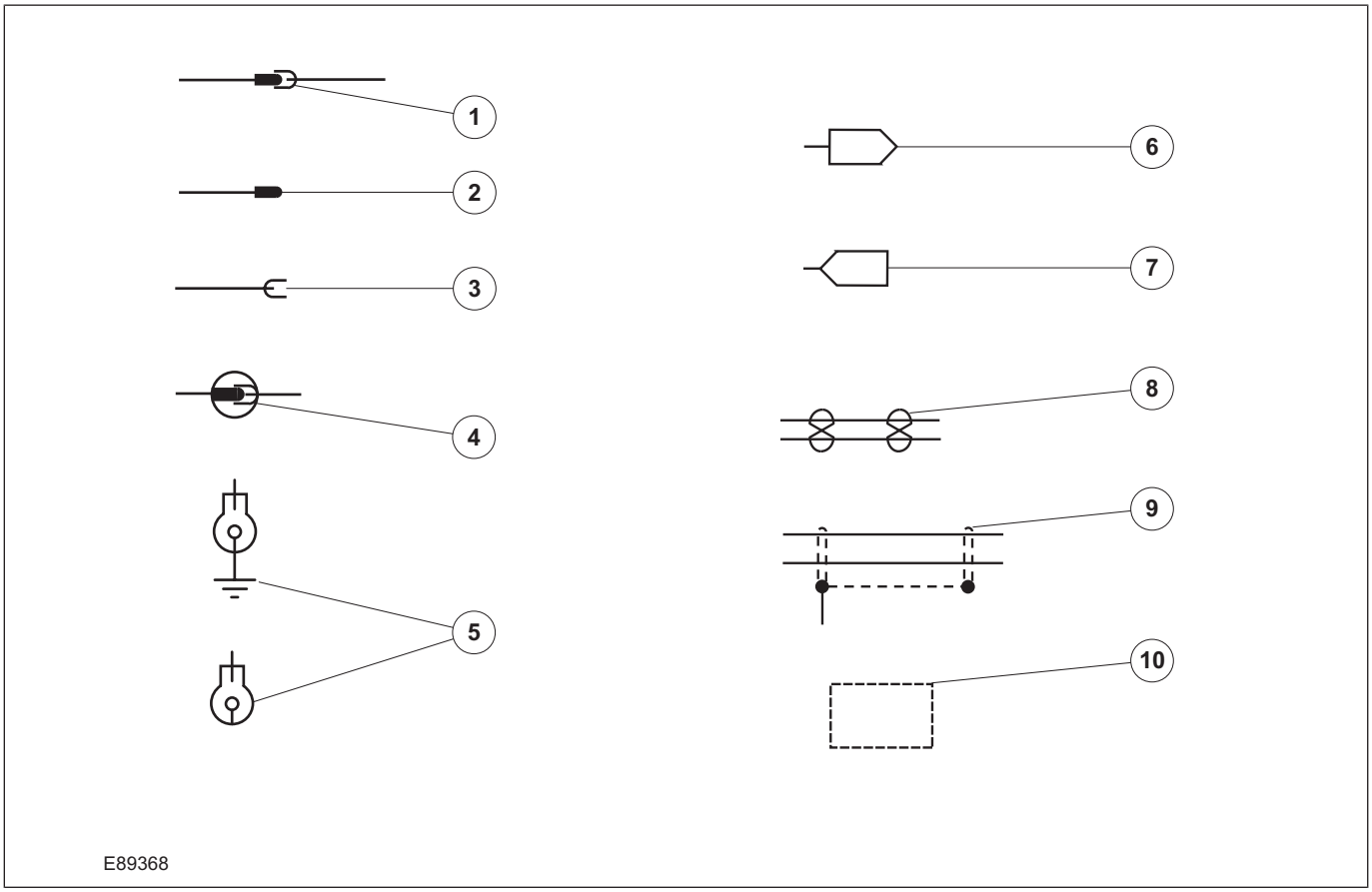
| Code | Temperature |
|---|---|
| WA | 100°C |
| WK | 125°C |
| WE | 150°C |

### Wire Color Code

| Code | Color |
|---|---|
| BK | Black |
| BN | Brown |
| BU | Blue |
| GN | Green |
| GY | Gray |
| LG | Light green |
| NA | Natural |
| OG | Orange |
| PK | Pink |
| RD | Red |
| SR | Silver |
| VT | Purple |
| WH | White |
| YE | Yellow |

## DESCRIPTION AND OPERATION

# Symbols Glossary




| Item | Description |
|---|---|
| 1 | In-line connector |
| 2 | Male connector |
| 3 | Female connector |
| 4 | Pins with special coating (e.g. gold) |
| 5 | Ground |
| 6 | Off-page reference (to) |
| 7 | Off-page reference (from) |
| 8 | Twisted pair |
| 9 | Screened cables |
| 10 | Part of a component |

GROUP

# 2

# Chassis

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**Brake System**
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Anti-Lock Control - Stability Assist.....206-09B
Anti-Lock Brake System (ABS) and Stability Control.....206-09C
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Steering Column Switches.....211-05

# SECTION 206-05 Parking Brake and Actuation

## VEHICLE APPLICATION: 2011.0 Kuga

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### ELECTRICAL CONNECTORS

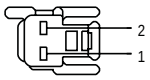
Parking Brake Switch..... 206-05-2
Parking Brake Switch..... 206-05-2

Parking Brake Switch (G1240673)

IMAGE NOT AVAILABLE

Parking Brake Switch (G1226596)

PIN 1 => 31S-GE44C BK-RD 0.75 WA




31S-GE44A BK-RD WA 0.75

4S7T-14489-VAA

C931
TO Z-HANDBRAKE SWITCH

HARNESS 14014

# SECTION 206-06 Hydraulic Brake Actuation

## VEHICLE APPLICATION: 2011.0 Kuga

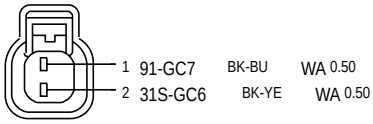
CONTENTS PAGE

**ELECTRICAL CONNECTORS**

Low Brake Fluid Warning Indicator Switch..... 206-06-2

## Low Brake Fluid Warning Indicator Switch (G1226597)

PIN 1 => 91-GC7B BK-BU 1.0 WA
PIN 1 => 91-GC7A BK-BU 1.0 WA




XR3T-14A464-AA

C810
TO BRAKE FLUID LEVEL SWITCH

HARNESS 14K733

# SECTION 206-07 Power Brake Actuation

## VEHICLE APPLICATION: 2011.0 Kuga

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### ELECTRICAL CONNECTORS

Brake Vacuum Pump..... 206-07-2
Brake Vacuum Switch..... 206-07-2

## Brake Vacuum Pump (G1240674)

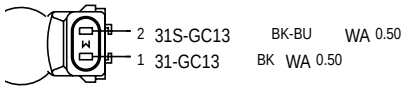



97BG-14A624-VBB

C852
TO VACUUM PUMP

HARNESS 14K733

## Brake Vacuum Switch (G1240675)




6M5T-14A464-GFA

C862
TO VACUUM SWITCH

HARNESS 14K733

# SECTION 206-09A Anti-Lock Control

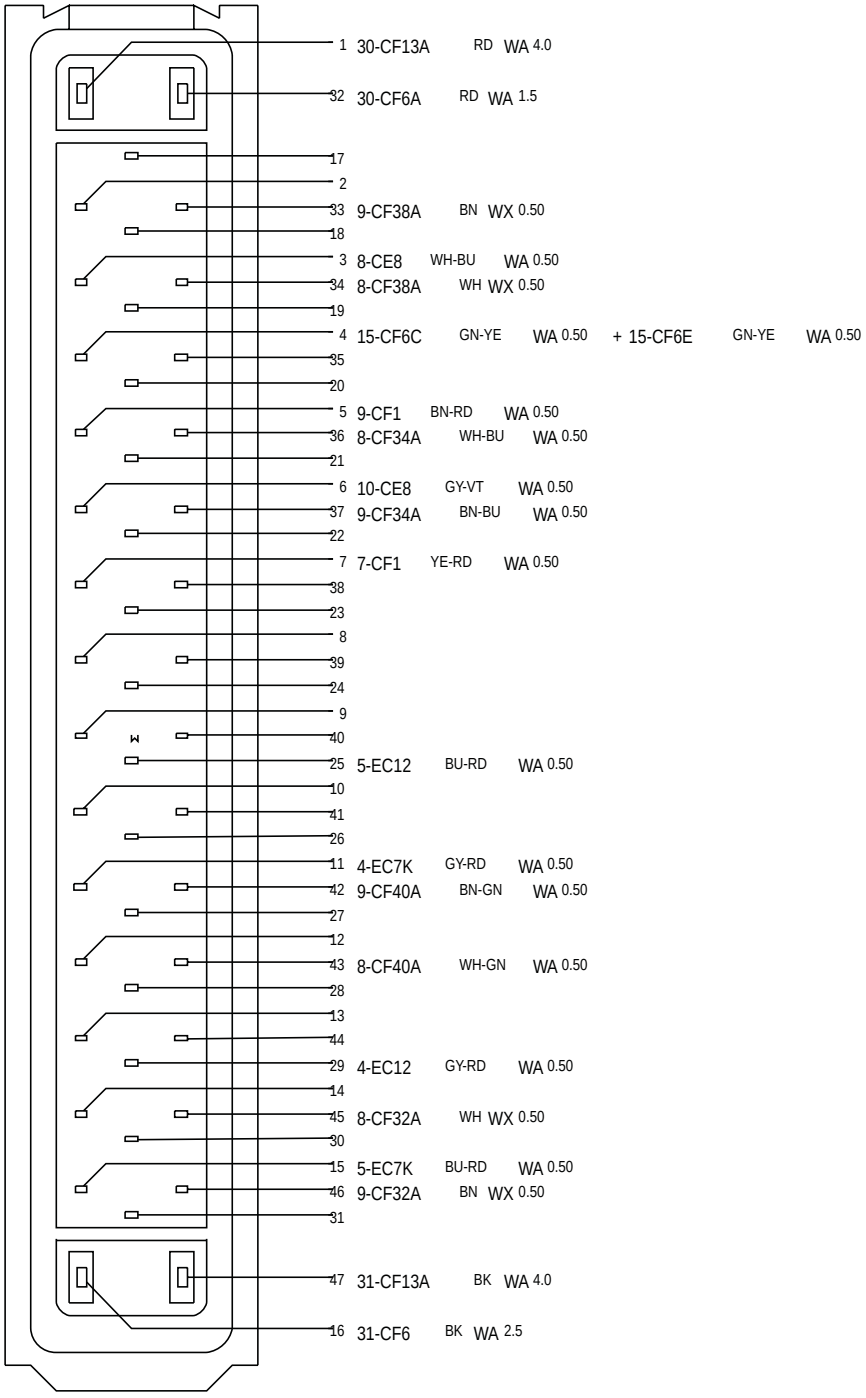
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Front Wheel Speed Sensor RH..... 206-09A-3
Rear Wheel Speed Sensor LH..... 206-09A-3
Rear Wheel Speed Sensor RH..... 206-09A-3

## Anti-Lock Brake System (ABS) Module (G1240676)

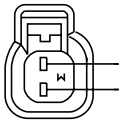



3M5T-14A464-ZZF(XXX)

C830
TO ESP MODULE (ABS / IVD)

HARNESS 14K733

## Front Wheel Speed Sensor LH (G1226598)

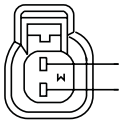



1S7T-14A464-CB

C814
TO LEFT FRONT WHEEL SENSOR

HARNESS 14K733

## Front Wheel Speed Sensor RH (G1226599)

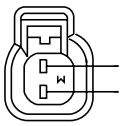



1S7T-14A464-CB

C815
TO RIGHT FRONT WHEEL SENSOR

HARNESS 14K733

## Rear Wheel Speed Sensor LH (G1226600)

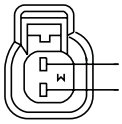



1S7T-14A464-CB

C816
TO LEFT REAR WHEEL SENSOR

HARNESS 2B325

## Rear Wheel Speed Sensor RH (G1226601)




1S7T-14A464-CB

C817
TO RIGHT REAR WHEEL SENSOR

HARNESS 2B325

# SECTION 206-09B Anti-Lock Control - Stability Assist

## VEHICLE APPLICATION: 2011.0 Kuga

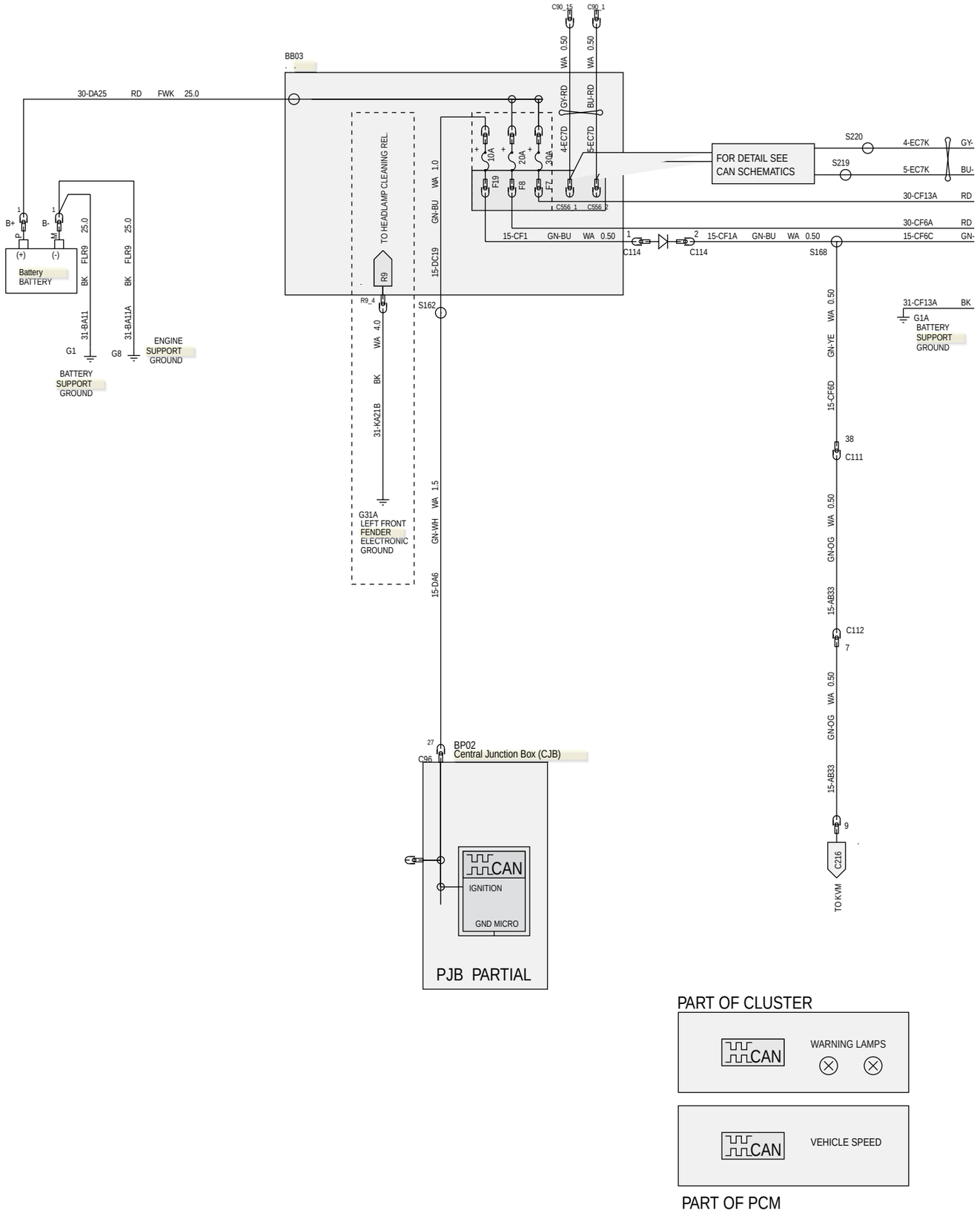
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**ELECTRICAL SCHEMATICS**

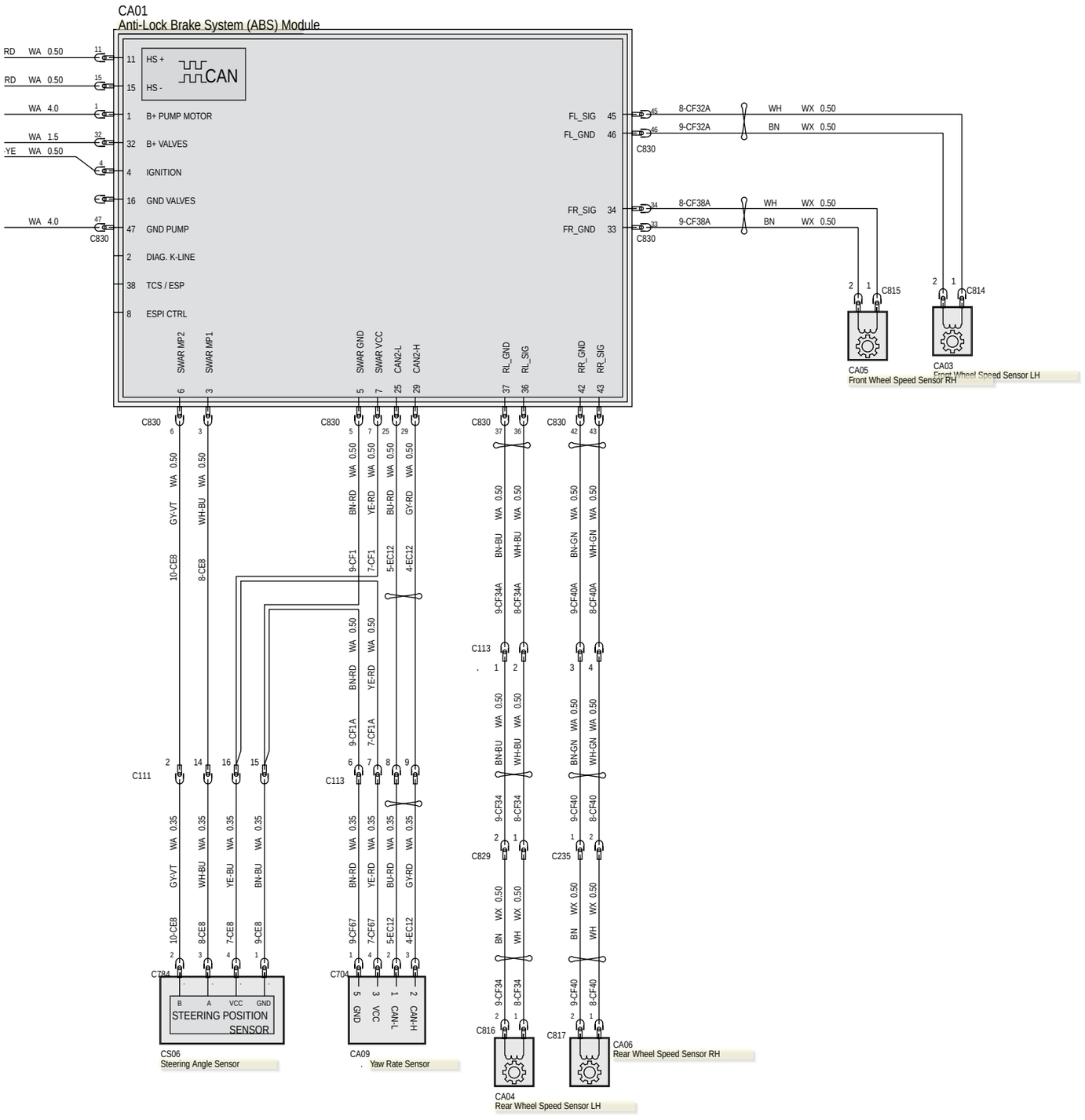
Anti-Lock Control - Stability Assist..... 206-09B-2

**ELECTRICAL CONNECTORS**

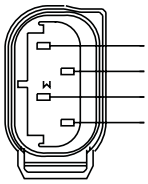
Yaw Rate Sensor..... 206-09B-4


C90_15
C90_1
BB03
30-DA25 RD FWK 25.0
WA 0.50
GY-RD
BU-RD
4-EC7D
5-EC7D
10A
20A
30A
F19
F8
F7
C556_1
C556_2
FOR DETAIL SEE CAN SCHEMATICS
S220
S219
4-EC7K GY-
5-EC7K BU-
30-CF13A RD
30-CF6A RD
15-CF6C GN-
15-CF1 GN-BU WA 0.50
C114
15-CF1A GN-BU WA 0.50
S168
TO HEADLAMP CLEANING REL.
R9
R9_4
S162
GN-BU 1.0
15-DC19
WA 4.0
BK
31-KA21B
G31A
LEFT FRONT FENDER ELECTRONIC GROUND
GN-WH WA 1.5
15-DA6
B+
B-
(+)
(-)
Battery
BATTERY
25.0 FLR9 BK
31-BA11
31-BA11A
G1
G8
ENGINE SUPPORT GROUND
BATTERY SUPPORT GROUND
31-CF13A BK
G1A
BATTERY SUPPORT GROUND
GN-YE WA 0.50
15-CF6D
38
C111
GN-OG WA 0.50
15-AB33
C112
7
9
C216
TO KVM
27
C96
BP02
Central Junction Box (CJB)
CAN
IGNITION
GND MICRO
PJB PARTIAL
PART OF CLUSTER
CAN
WARNING LAMPS
CAN
VEHICLE SPEED
PART OF PCM

206-09B-3 Anti-Lock Control - Stability Assist



## Yaw Rate Sensor (G1245474)



| | | | |
|---|---|---|---|
| 1 | 9-CF67 | BN-RD | WA 0.35 |
| 2 | 5-EC12 | BU-RD | WA 0.35 |
| 3 | 4-EC12 | GY-RD | WA 0.35 |
| 4 | 7-CF67 | YE-RD | WA 0.35 |

1S7T-14A464-BA

C704
TO YAW RATE ACCELERATION SENSOR (ESP ONLY)

HARNESS 14014

# SECTION 206-09C Anti-Lock Brake System (ABS) and Stability Control

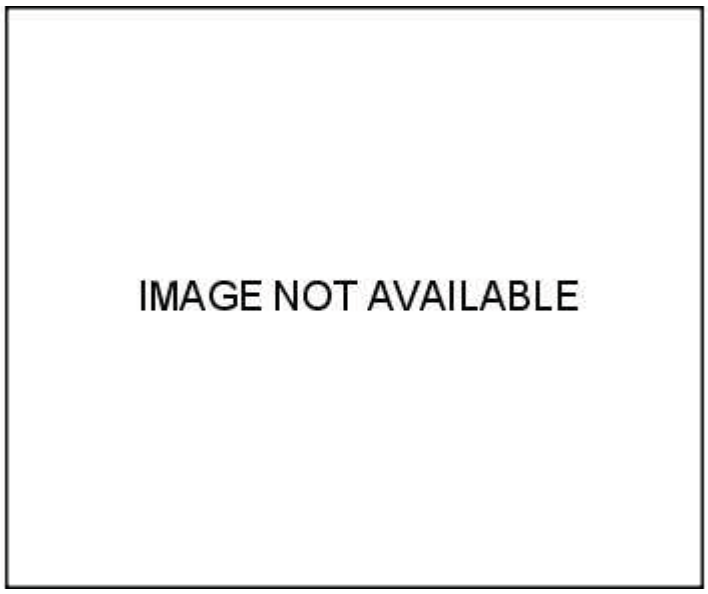
## VEHICLE APPLICATION: 2011.0 Kuga

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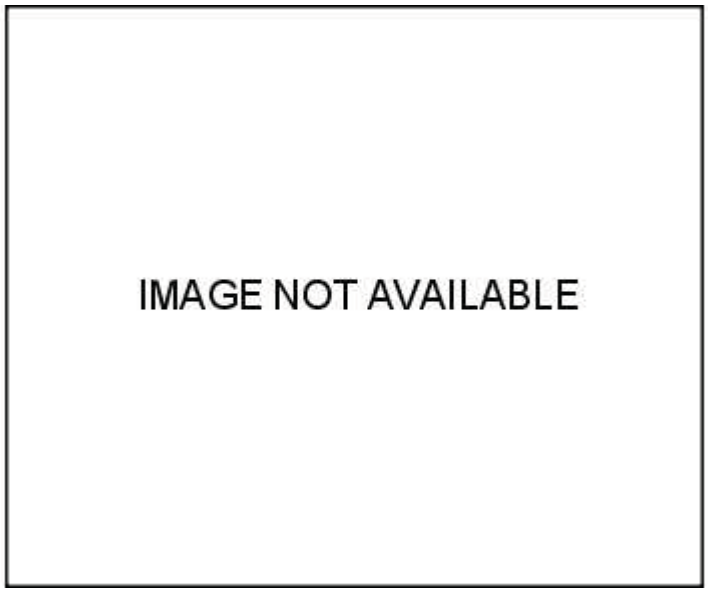
### ELECTRICAL CONNECTORS

Anti-Lock Brake System (ABS) Module..... 206-09C-2
Front Wheel Speed Sensor LH..... 206-09C-2
Front Wheel Speed Sensor RH..... 206-09C-2
Rear Wheel Speed Sensor LH..... 206-09C-3
Rear Wheel Speed Sensor RH..... 206-09C-3
Yaw Rate Sensor..... 206-09C-3

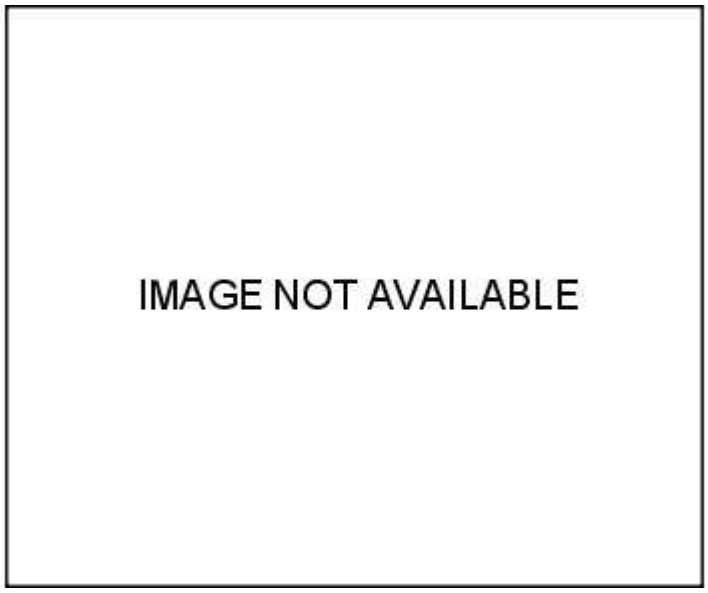
Anti-Lock Brake System (ABS) Module (G1448118)



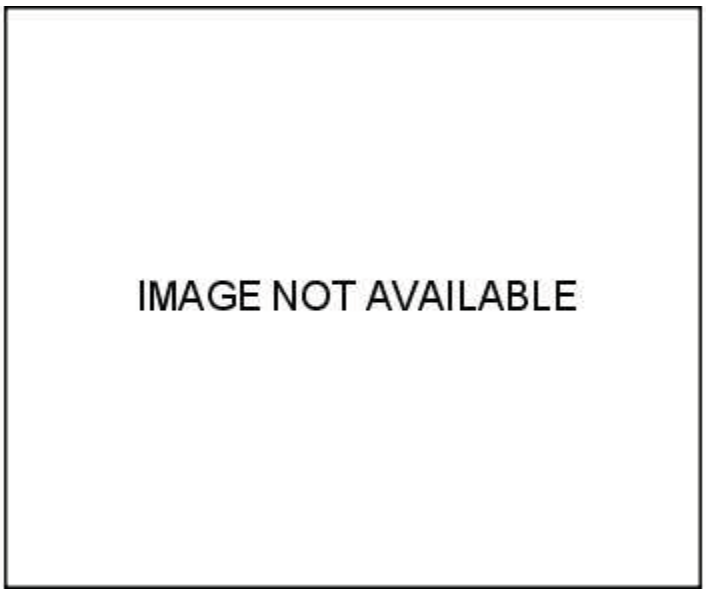

Front Wheel Speed Sensor LH (G1448119)



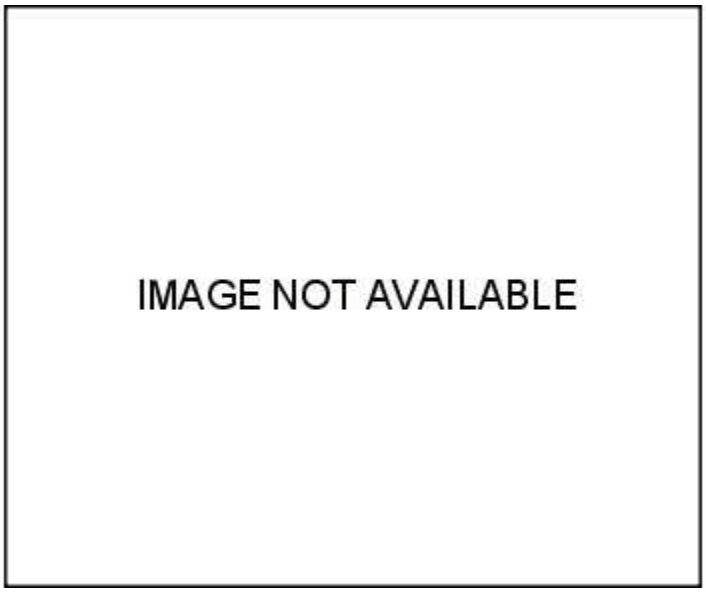

Front Wheel Speed Sensor RH (G1448120)



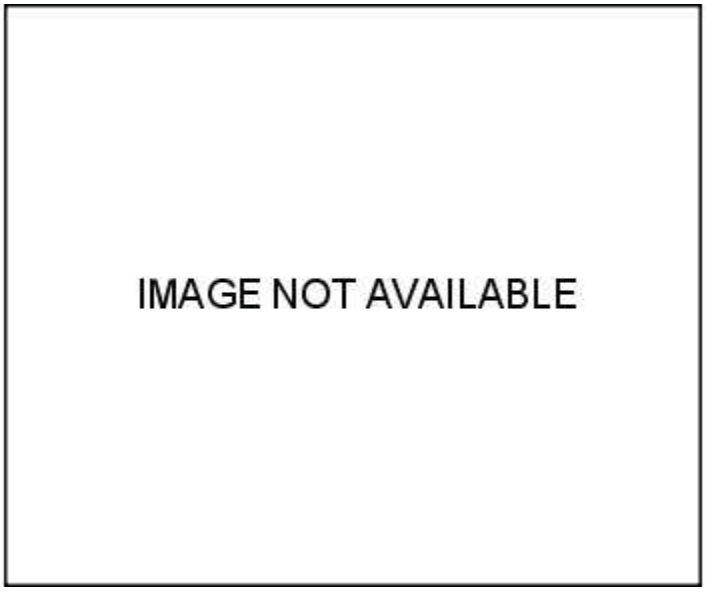
Rear Wheel Speed Sensor LH (G1448121)




Rear Wheel Speed Sensor RH (G1448122)




Yaw Rate Sensor (G1448123)



# SECTION 211-02 Power Steering

## VEHICLE APPLICATION: 2011.0 Kuga

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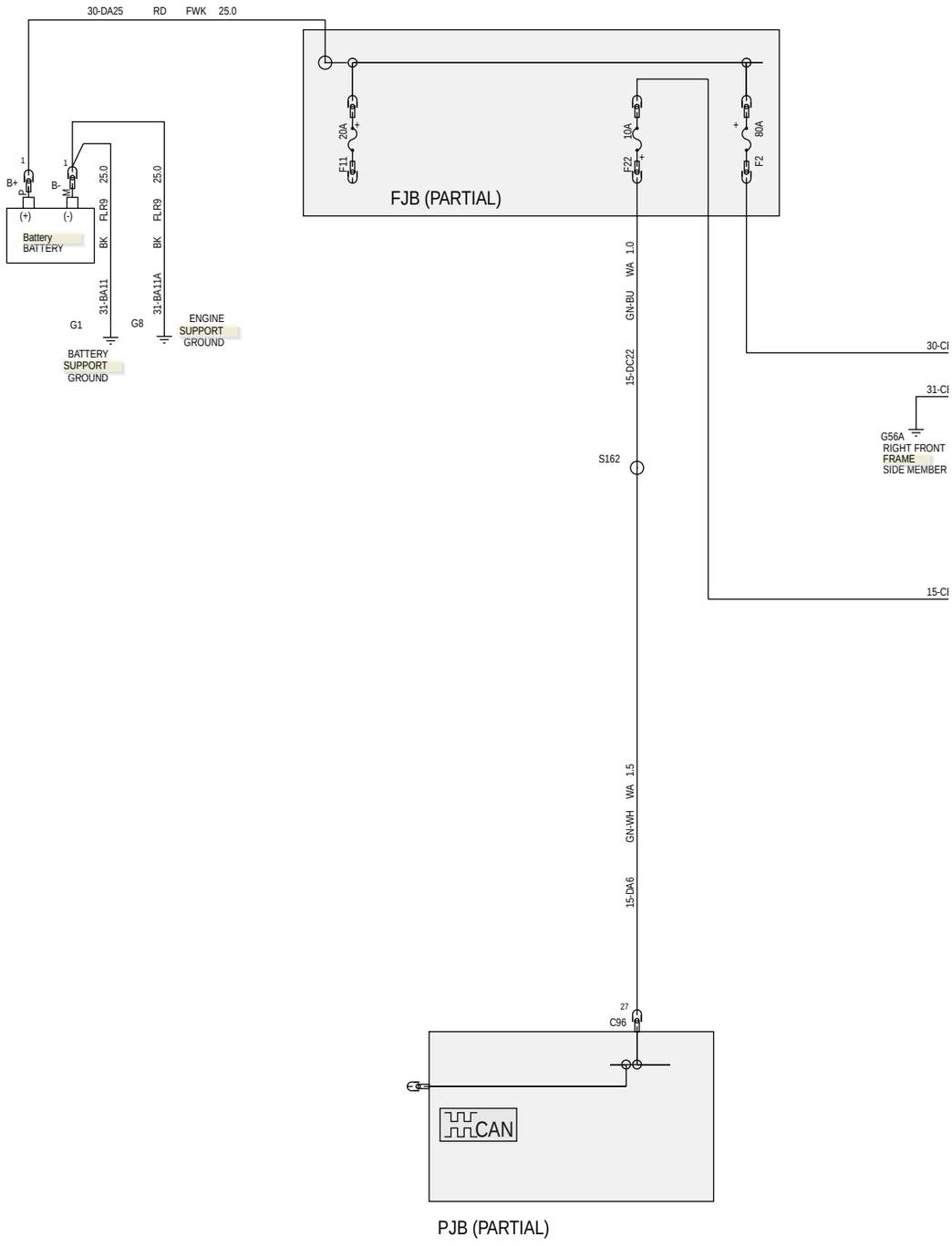
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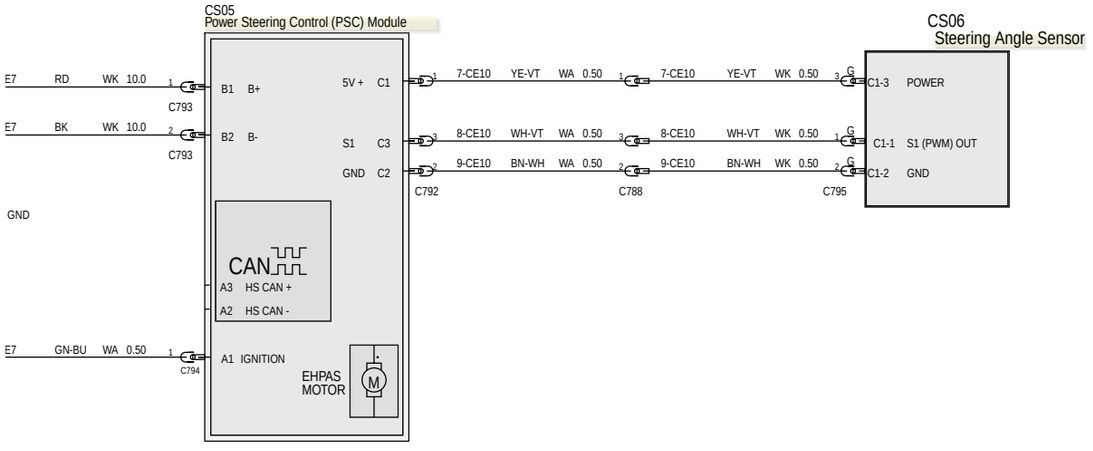
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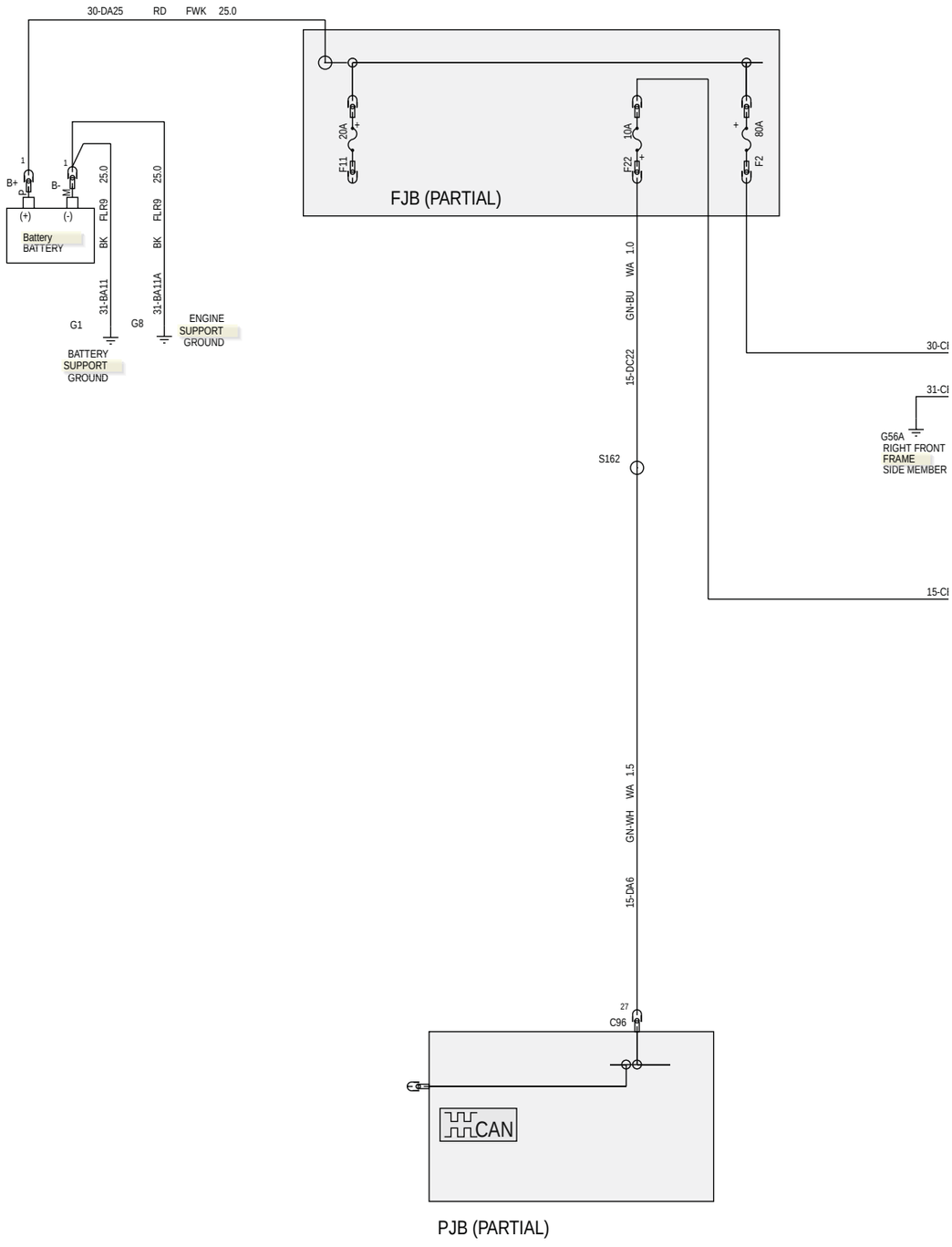
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Steering Angle Sensor..... 211-02-7

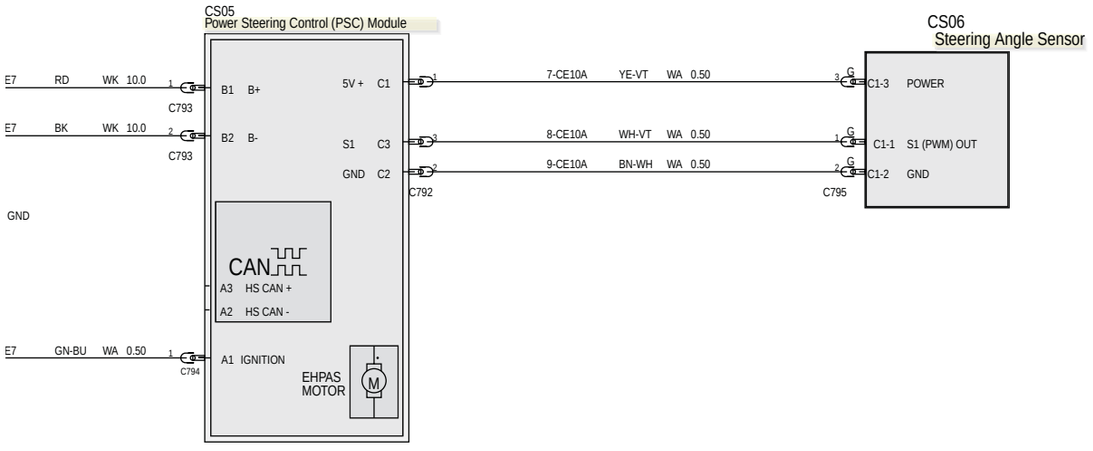
211-02-2 Power Steering—LHD 4WD/LHD FWD




CS05
Power Steering Control (PSC) Module
CS06
Steering Angle Sensor
E7 RD WK 10.0
C793
B1 B+
E7 BK WK 10.0
C793
B2 B-
GND
CAN
A3 HS CAN +
A2 HS CAN -
E7 GN-BU WA 0.50
C794
A1 IGNITION
EHPAS MOTOR
5V + C1
S1 C3
GND C2
C792
7-CE10 YE-VT WA 0.50
8-CE10 WH-VT WA 0.50
9-CE10 BN-WH WA 0.50
C788
7-CE10 YE-VT WK 0.50
8-CE10 WH-VT WK 0.50
9-CE10 BN-WH WK 0.50
C795
C1-3 POWER
C1-1 S1 (PWM) OUT
C1-2 GND

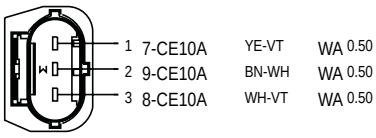
211-02-4 Power Steering—RHD 4WD/RHD FWD




CS05
Power Steering Control (PSC) Module
CS06
Steering Angle Sensor
E7 RD WK 10.0
C793
B1 B+
E7 BK WK 10.0
C793
B2 B-
GND
5V + C1
S1 C3
GND C2
C792
7-CE10A YE-VT WA 0.50
8-CE10A WH-VT WA 0.50
9-CE10A BN-WH WA 0.50
C1-3 POWER
C1-1 S1 (PWM) OUT
C1-2 GND
C795
CAN
A3 HS CAN +
A2 HS CAN -
E7 GN-BU WA 0.50
C794
A1 IGNITION
EHPAS
MOTOR
M

## Power Steering Control (PSC) Module (G1239825)

PIN 2 => 9-CE10 BN-WH 0.50 WA
PIN 1 => 7-CE10 YE-VT 0.50 WA
PIN 3 => 8-CE10 WH-VT 0.50 WA

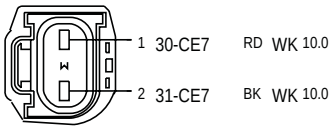



3M5T-14A464-HCD

C792
TO EHPAS MODULE

HARNESS 14K733

## Power Steering Control (PSC) Module (G1239826)

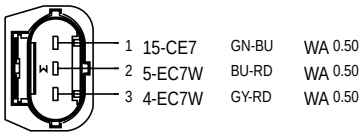



5M5T-14A464-NBD

C793
TO EHPAS

HARNESS 14K733

## Power Steering Control (PSC) Module (G1239827)

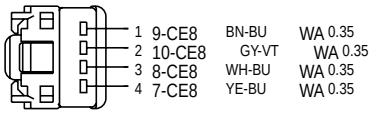



3M5T-14A464-GCC

C794
TO EHPAS

HARNESS 14K733

## Steering Angle Sensor (G1226604)



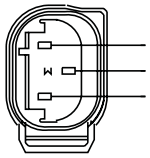

3M5T-14489-BDA

C784
TO STEERING ANGEL SENSOR

HARNESS 14401

## Steering Angle Sensor (G1239828)

PIN 2 => 9-CE10 BN-WH 0.50 WK
PIN 3 => 7-CE10 YE-VT 0.50 WK
PIN 1 => 8-CE10 WH-VT 0.50 WK



| | | | |
|---|---|---|---|
| 1 | 8-CE10A | WH-VT | WA 0.50 |
| 2 | 9-CE10A | BN-WH | WA 0.50 |
| 3 | 7-CE10A | YE-VT | WA 0.50 |

98AG-14A464-RDA

C795

TO STEERING ANGLE SENSOR EHPAS

HARNESS 14K733 (3C221)

# SECTION 211-05 Steering Column Switches

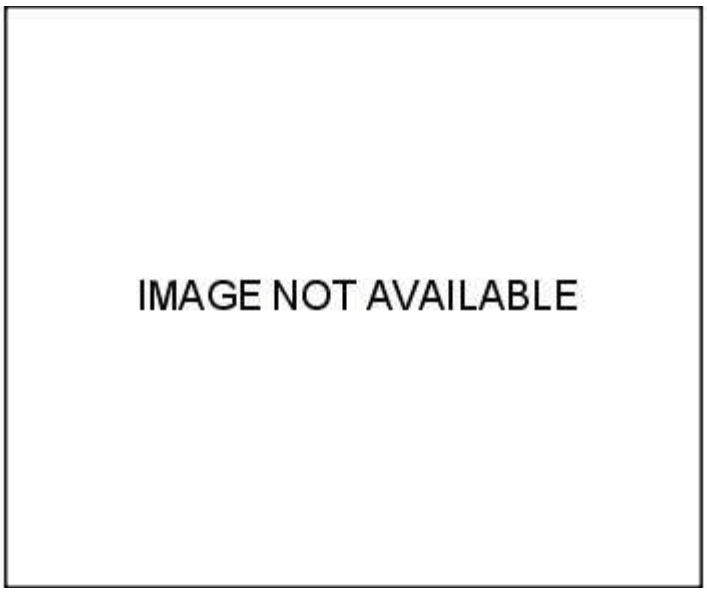
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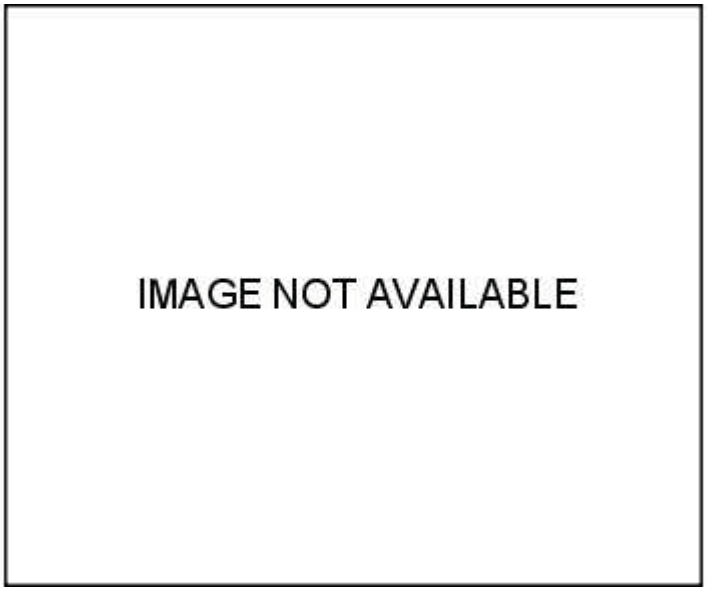
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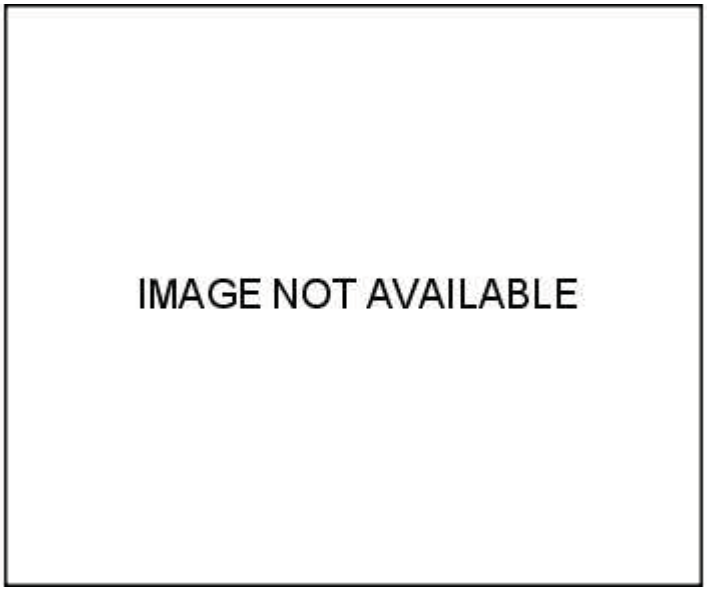
Ignition Overload Relay (G1313028)



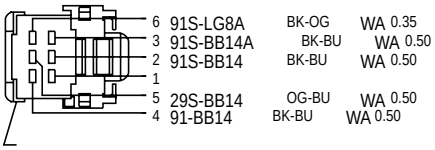

Ignition Relay (G1313027)




Ignition Switch (G1330915)



## Ignition Switch and Hazard Flasher Switch Unit (G1246399)




4S7T-14489-CA

C457

TO HAZARD WARNING START/STOP BUTTON

HARNESS 14401

## Steering Column Multifunction Switch (G1226605)




2L1T-14A464-GA

C459

TO MULTI FUNCTION SWITCH

HARNESS 14401

GROUP

# 3 Powertrain

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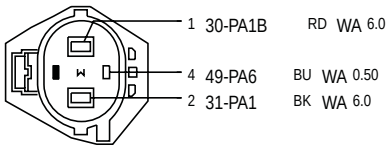
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## Cooling Fan Motor (G1239830)




3M5T-14A464-NCB

C281
TO COOLING FAN MODULE

HARNESS 14K733

## Cooling Fan Relay (G1313031)

IMAGE NOT AVAILABLE

# SECTION 303-04A Fuel Charging and Controls — 2.5L Duratec (147kW/200PS) - VI5

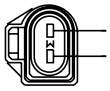
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## Fuel Injector 1 (G1226698)



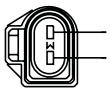
| | | | | | |
|---|---|---|---|---|---|
| 1 | 91S-RL10 | BK-WH | WK | 1.5 | S |
| 2 | 15-RL10 | GN-WH | WK | 1.5 | S |

3M5T-14A464-GBB

C771
TO TO FUEL INJECTOR 1

HARNESS 12A690

## Fuel Injector 2 (G1226699)



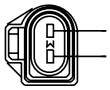
| | | | | | |
|---|---|---|---|---|---|
| 1 | 91S-RL11 | BK-YE | WK | 1.5 | S |
| 2 | 15-RL11 | GN-YE | WK | 1.5 | S |

3M5T-14A464-GBB

C772
TO TO FUEL INJECTOR 2

HARNESS 12A690

## Fuel Injector 3 (G1235901)



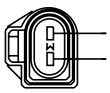
| | | | | | |
|---|---|---|---|---|---|
| 1 | 91S-RL12 | BK-BU | WK | 1.5 | S |
| 2 | 15-RL12 | GN-BU | WK | 1.5 | S |

3M5T-14A464-GBB

C773
TO TO FUEL INJECTOR 3

HARNESS 12A690

## Fuel Injector 4 (G1235899)



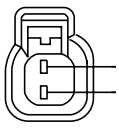
| | | | | | |
|---|---|---|---|---|---|
| 1 | 91S-RL13 | BK-OG | WK | 1.5 | S |
| 2 | 15-RL13 | GN-RD | WK | 1.5 | S |

3M5T-14A464-GBB

C774
TO TO FUEL INJECTOR 4

HARNESS 12A690

## Fuel Injector 5 (G1235900)



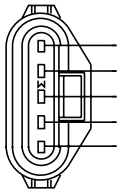
| | | | | |
|---|---|---|---|---|
| 1 | 15-RL14 | GN-YE | R2 | 1.0 |
| 2 | 91S-RL12 | BK-BU | R2 | 0.75 |

XW43-14A464-AAA

C775
TO FUEL INJECTOR C CYL 4

HARNESS 12A690

## Fuel Pump Driver Module (FPDM) (G1246047)



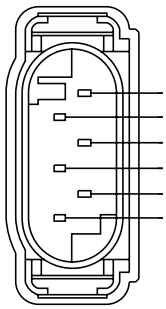
| | | | | |
|---|---|---|---|---|
| 5 | 31S-RG2F | BK-RD | WA | 1.5 |
| 4 | 15S-RG2F | GN-OG | WA | 1.5 |
| 3 | 31-RE31 | BK | WA | 1.5 |
| 2 | 15S-RE31 | GN-OG | WA | 1.5 |
| 1 | 49-RE31 | BU-YE | WA | 0.75 |

2S7T-14A464-EA

C739
TO DECOS (PEM)

HARNESS 14014

## Throttle Body (G1226700)



| | | | | | | |
|---|---|---|---|---|---|---|
| 6 | 33-RG3 | YE-BU | R2 | 0.75 | G | |
| 3 | 8-RG3 | WH-BU | R2 | 0.75 | G | |
| 5 | 32-RG3 | WH-BU | R2 | 0.75 | G | |
| 2 | 91S-RG3 | BK-OG | R2 | 0.75 | G | |
| 4 | 9-RG3 | BN-BU | R2 | 0.75 | G | |
| 1 | 15S-RG3 | GN-RD | R2 | 0.75 | G | |

2L1T-14A464-YA

C589
TO ELECTRONIC THROTTLE ACTUATOR

HARNESS 12A690

# SECTION 303-04B Fuel Charging and Controls - Turbocharger — 2.5L Duratec (147kW/200PS) - VI5

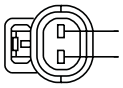
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Wastegate Control Valve..... 303-04B-2

## Turbocharger Variable Vane Actuator (G1246048)



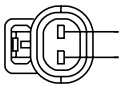
| | | | | | |
|---|---|---|---|---|---|
| 1 | 91S-RL50C | BK-BU | WK | 0.75 | G |
| 2 | 15-RL50C | GN-BU | WK | 0.75 | G |

6M5T-14A464-HBA

C790
TO VARIABLE TURBO CONTROL

HARNESS 12A690

## Wastegate Control Valve (G1226702)



| | | | | |
|---|---|---|---|---|
| 1 | 15-RL22 | BU | WE | 0.75 |
| 2 | 91-RL22 | GY | WE | 0.75 |

6M5T-14A464-GBA

C929
TO TURBO CONTROL VALVE

HARNESS 12A690

# SECTION 303-04C Fuel Charging and Controls — 2.0L

**Duratorq-TDCi (100kW/136PS) - DW, Emission Requirements: Stage IV**

## VEHICLE APPLICATION: 2011.0 Kuga

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Fuel Injector 4..... 303-04C-2
Fuel Metering Valve..... 303-04C-3
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## Fuel Heater (G1226708)



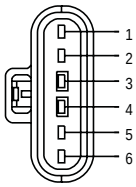
| | | | | |
|---|---|---|---|---|
| 2 | 31-PE8B | BK | WK 0.75 | |
| 1 | 15S-PE8B | GN-RD | WK 0.75 | |

6M5T-14A464-FBA

C945
TO FILTER HEATER

HARNESS 12A690

## Fuel Injection Pump (G1226709)



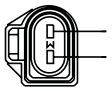
| | | | | |
|---|---|---|---|---|
| 1 | 9-GA7E | BN-RD | WA 0.50 | |
| 2 | 8-GA7E | WH-RD | WA 0.50 | |
| 3 | 31-RG2E | BK | WA 1.5 | |
| 4 | 15S-RG2E | GN-OG | WA 1.5 | |
| 5 | 8-GA25 | WH-BU | WA 0.50 | |
| 6 | | | | |

3M5T-14A464-DGA

C734
TO FUEL PUMP DW10

HARNESS 14014

## Fuel Injector 1 (G1226698)



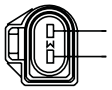
| | | | | |
|---|---|---|---|---|
| 1 | 91S-RL10 | BK-WH | WK 1.5 | S |
| 2 | 15-RL10 | GN-WH | WK 1.5 | S |

3M5T-14A464-GBB

C771
TO TO FUEL INJECTOR 1

HARNESS 12A690

## Fuel Injector 2 (G1226699)



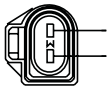
| | | | | |
|---|---|---|---|---|
| 1 | 91S-RL11 | BK-YE | WK 1.5 | S |
| 2 | 15-RL11 | GN-YE | WK 1.5 | S |

3M5T-14A464-GBB

C772
TO TO FUEL INJECTOR 2

HARNESS 12A690

## Fuel Injector 3 (G1235901)



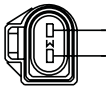
| | | | | |
|---|---|---|---|---|
| 1 | 91S-RL12 | BK-BU | WK 1.5 | S |
| 2 | 15-RL12 | GN-BU | WK 1.5 | S |

3M5T-14A464-GBB

C773
TO TO FUEL INJECTOR 3

HARNESS 12A690

## Fuel Injector 4 (G1235899)



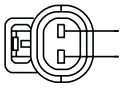
| | | | | |
|---|---|---|---|---|
| 1 | 91S-RL13 | BK-OG | WK 1.5 | S |
| 2 | 15-RL13 | GN-RD | WK 1.5 | S |

3M5T-14A464-GBB

C774
TO TO FUEL INJECTOR 4

HARNESS 12A690

## Fuel Metering Valve (G1239833)



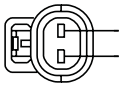
| | | | | |
|---|---|---|---|---|
| 1 | 15S-RL50 | GN-BU | WK 1.0 | G |
| 2 | 91S-RL50 | BK-BU | WK 1.0 | G |

6M5T-14A464-DBA

C858
TO VCV (VACUUM CONTROL VALVE)

HARNESS 12A690

## Fuel Pressure Regulator (G1239834)



| | | | | |
|---|---|---|---|---|
| 1 | 15S-RL42 | GN-BU | WK 1.0 | G |
| 2 | 91S-RL42 | BK-BU | WK 1.0 | G |

6M5T-14A464-JBA

C859
FUEL PRESSURE REGULATOR

HARNESS 12A690

# SECTION 303-04D Fuel Charging and Controls — 2.0L

**Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Emission Requirements: Stage V**

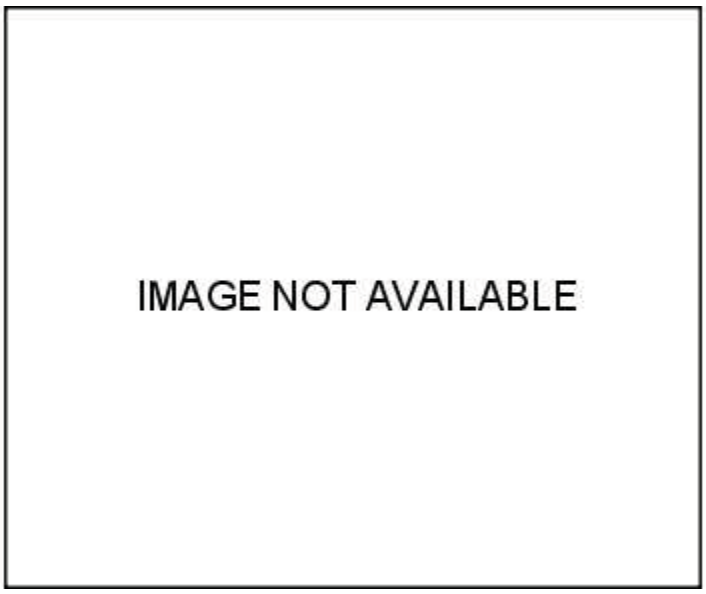
## VEHICLE APPLICATION: 2011.0 Kuga

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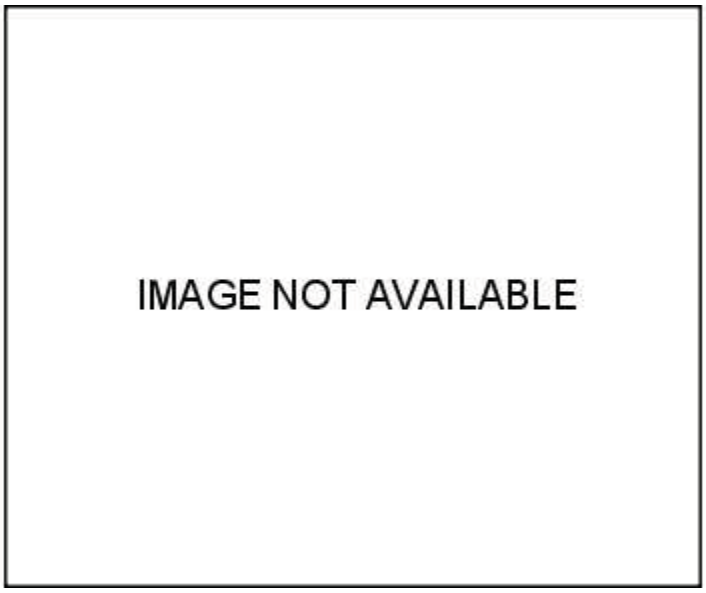
### ELECTRICAL CONNECTORS

Fuel Injector 1 — B..... 303-04D-2
Fuel Injector 2 — B..... 303-04D-2
Fuel Injector 3 — B..... 303-04D-2
Fuel Injector 4 — B..... 303-04D-3
Fuel Metering Valve..... 303-04D-3
Throttle Body — C..... 303-04D-3
Fuel Heater — A..... 303-04D-3

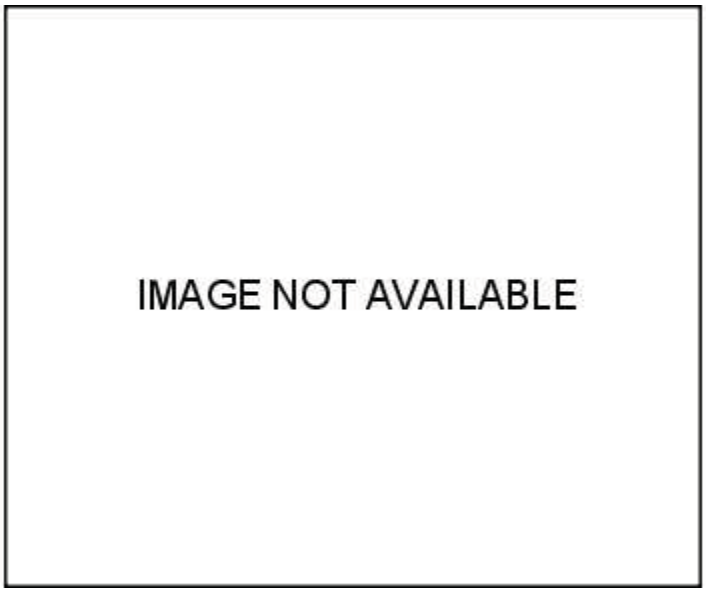
Fuel Injector 1—B (G1336739)



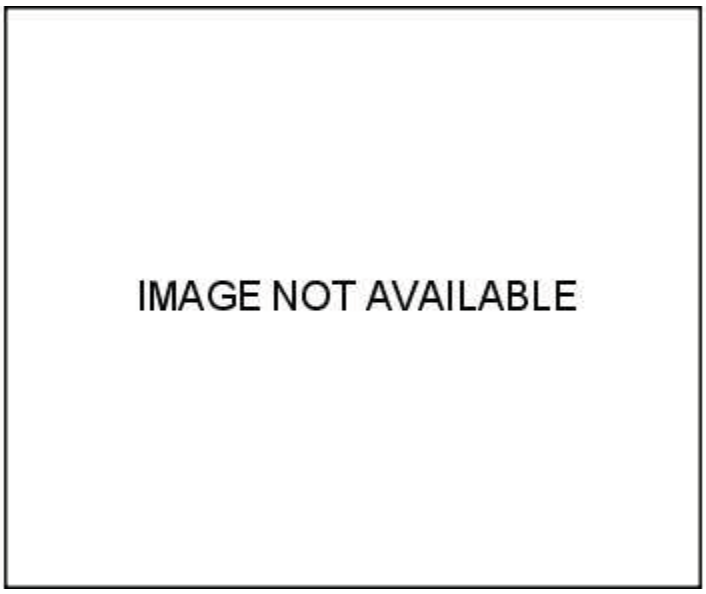

Fuel Injector 2—B (G1336740)



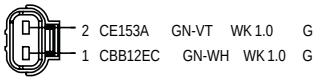

Fuel Injector 3—B (G1336741)



## Fuel Injector 4—B (G1336742)




## Fuel Metering Valve (G1336745)

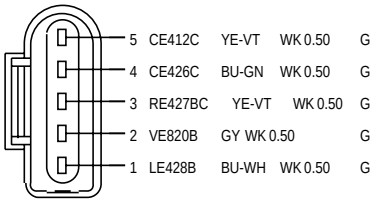



6M5T-14A464-BBA

C1E518
TO INLET METERING VALVE

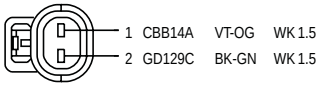
HARNESS 12A690

## Throttle Body—C (G1336746)




AV6N-14A464-GA
C1E137-C
TO THROTTLE BODY
HARNESS 12A690

## Fuel Heater—A (G1336748)




6M5T-14A464-CBA

C1E232-A
TO FILTER HEATED ELEMENT

HARNESS 12A690

# SECTION 303-04E Fuel Charging and Controls - Turbocharger — 2.0L Duratorq-TDCi (100kW/136PS) - DW, Emission Requirements: Stage IV

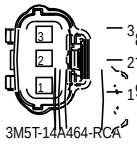
## VEHICLE APPLICATION: 2011.0 Kuga

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### ELECTRICAL CONNECTORS

Turbocharger Variable Vane Position Sensor..... 303-04E-2

## Turbocharger Variable Vane Position Sensor (G1230331)




| | | | |
|---|---|---|---|
| 3 | 8-RL22 | WH-BK | WK 0.50 |
| 2 | 27-RL22 | YE-BK | WK 0.50 |
| 1 | 19-RL22 | BN-YE | WK 0.50 |

C984
TO TURBO POSITION SENSOR(GY)
HARNESS 12A690

# SECTION 303-04F Fuel Charging and Controls - Turbocharger — 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Emission Requirements: Stage V

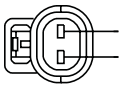
## VEHICLE APPLICATION: 2011.0 Kuga

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### ELECTRICAL CONNECTORS

Turbocharger Variable Vane Actuator..... 303-04F-2
Turbocharger Variable Vane Position Sensor..... 303-04F-2

## Turbocharger Variable Vane Actuator (G1336752)



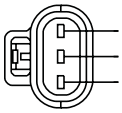
| | | | | | |
|---|---|---|---|---|---|
| 1 | VE814A | WH-OG | WK 0.50 | G | |
| 2 | RE814A | BU-OG | WK 0.50 | G | |

6M5T-14A464-KBA

C1E432
TO VGT ACTUATOR

HARNESS 12A690

## Turbocharger Variable Vane Position Sensor (G1336753)



| | | | | | |
|---|---|---|---|---|---|
| 1 | VE825A | VT-BN | WK 0.50 | G | |
| 2 | LE437A | YE | WK 0.50 | G | |
| 3 | RE437A | GY | WK 0.50 | G | |

6M5T-14A464-ACA

C1E825
TO VGT TURBO POSITION SENSOR

HARNESS 12A690

# SECTION 303-06A Starting System — 2.5L Duratec (147kW/200PS) - VI5

## VEHICLE APPLICATION: 2011.0 Kuga

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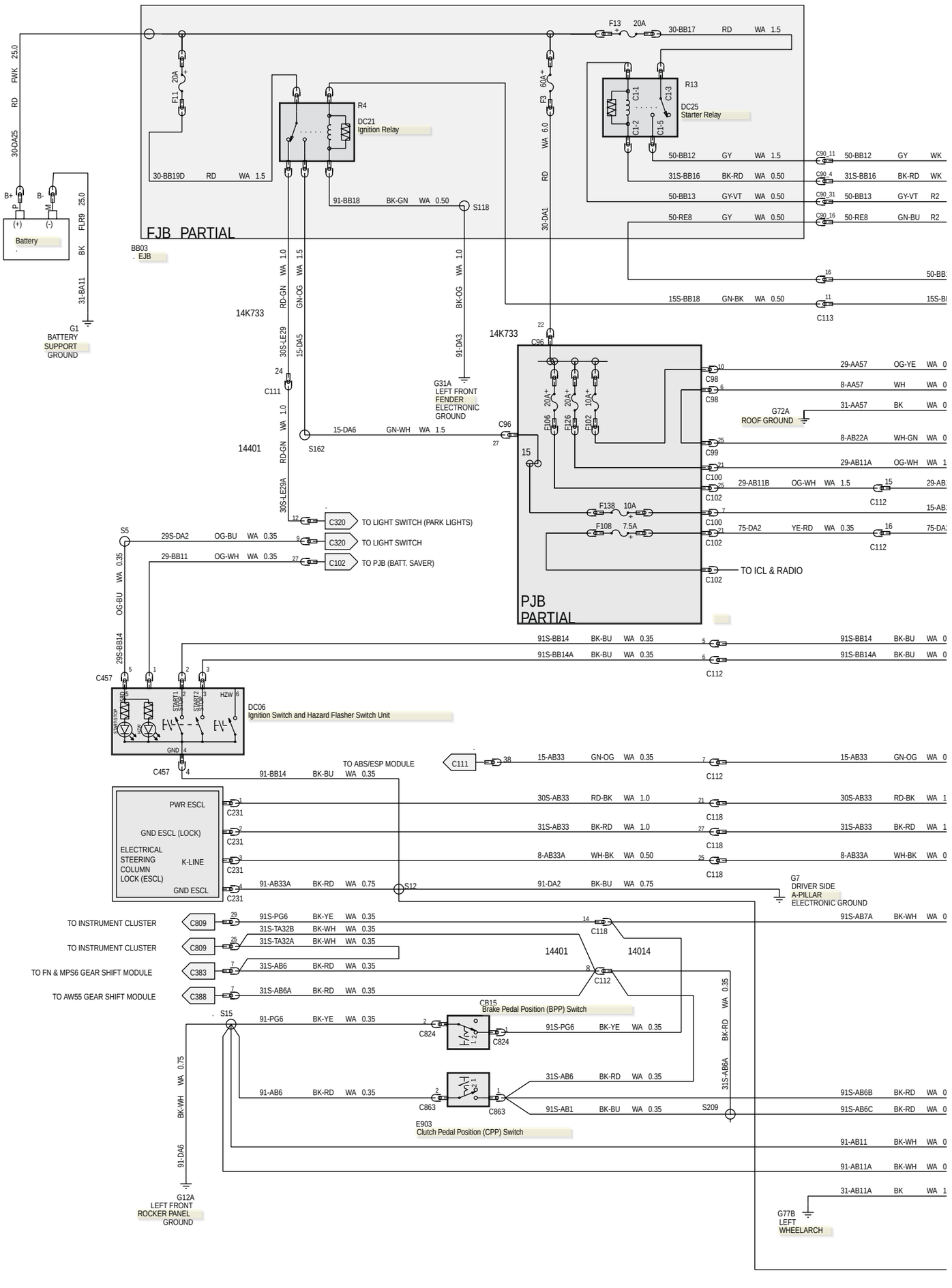
**ELECTRICAL SCHEMATICS**

Starting System — LHD 4WD..... 303-06A-2
Starting System — RHD 4WD..... 303-06A-4

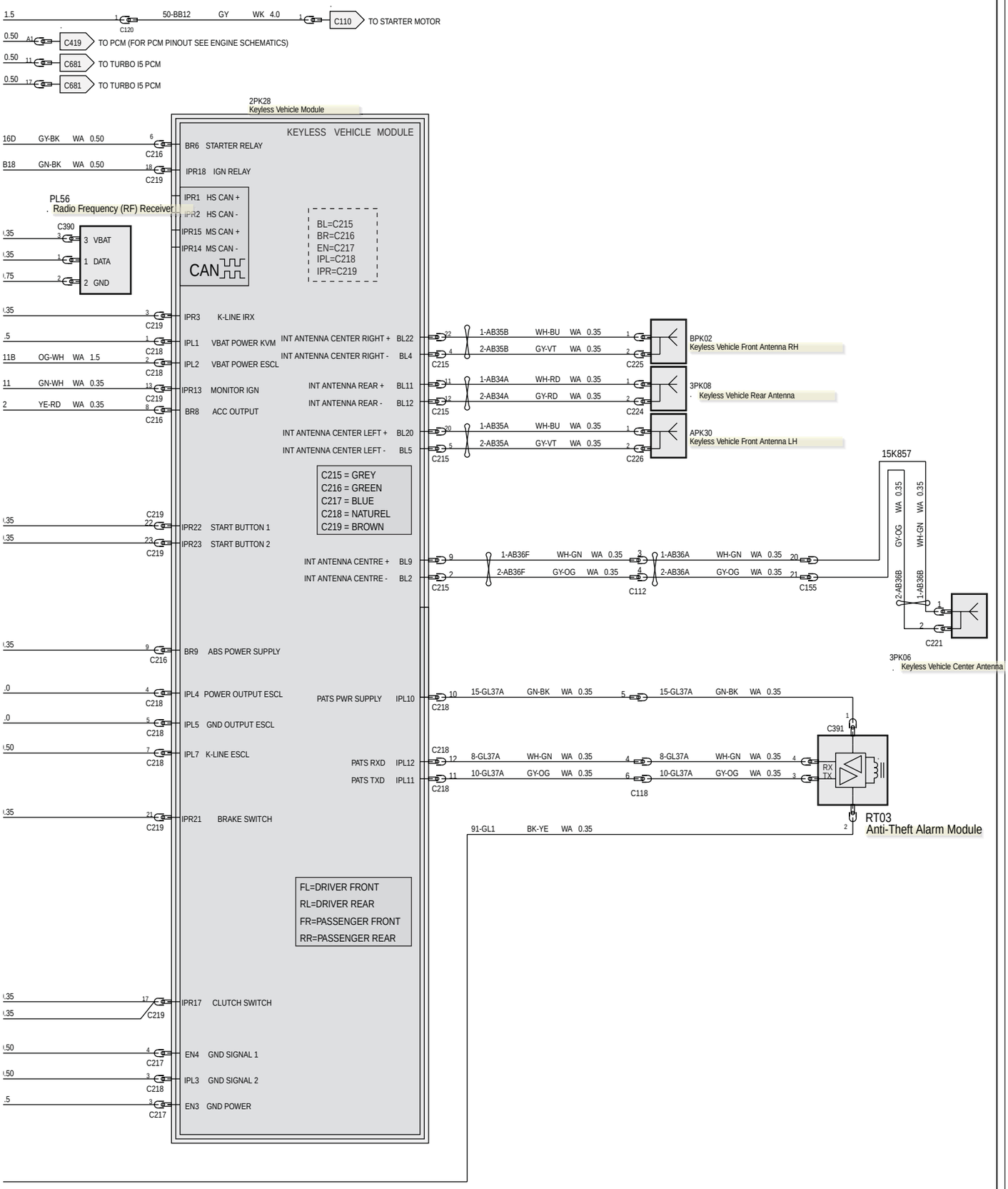
**ELECTRICAL CONNECTORS**

Starter Motor..... 303-06A-6
Starter Motor..... 303-06A-6
Starter Relay..... 303-06A-6

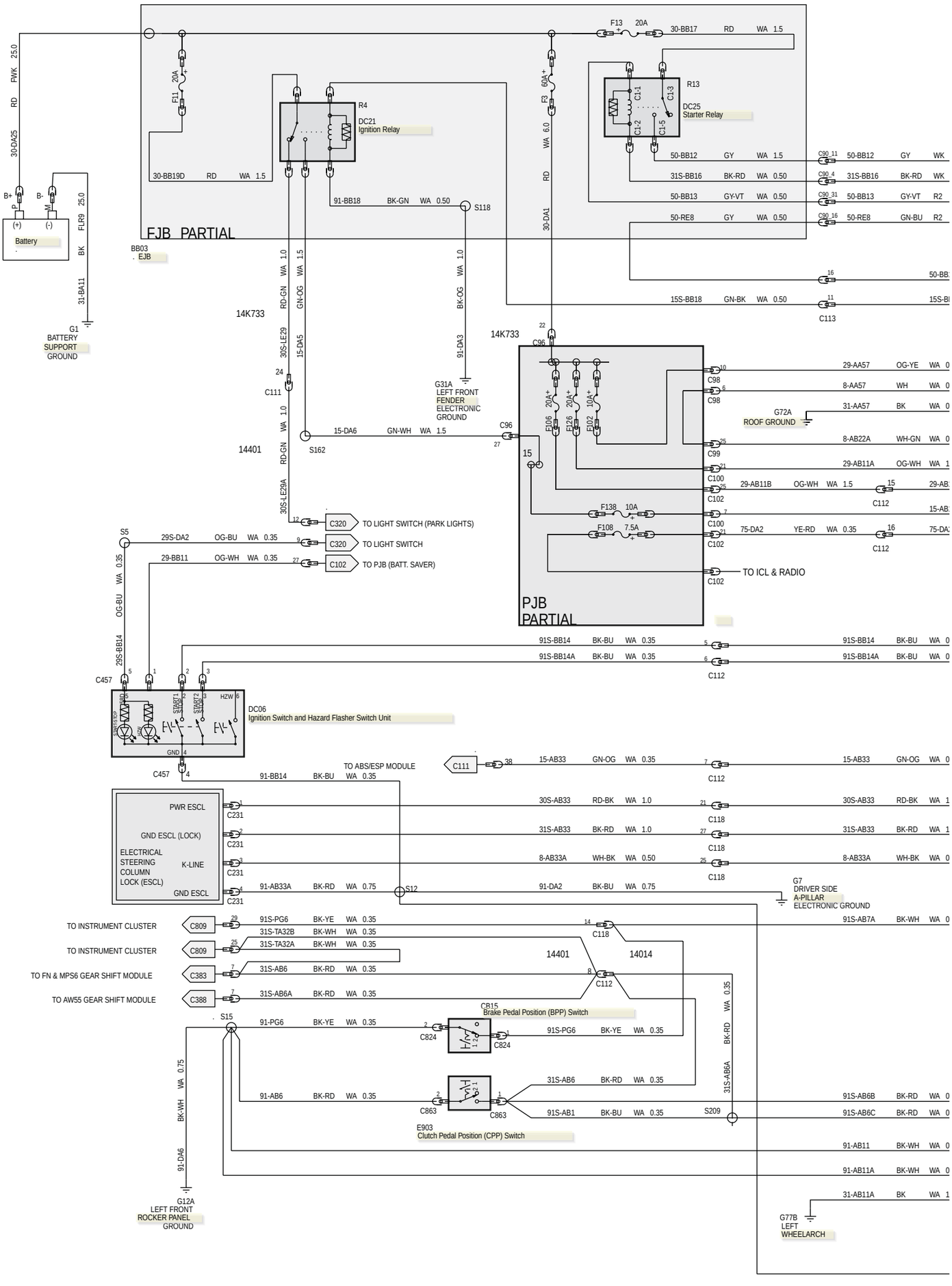
303-06A-2 Starting System—LHD 4WD



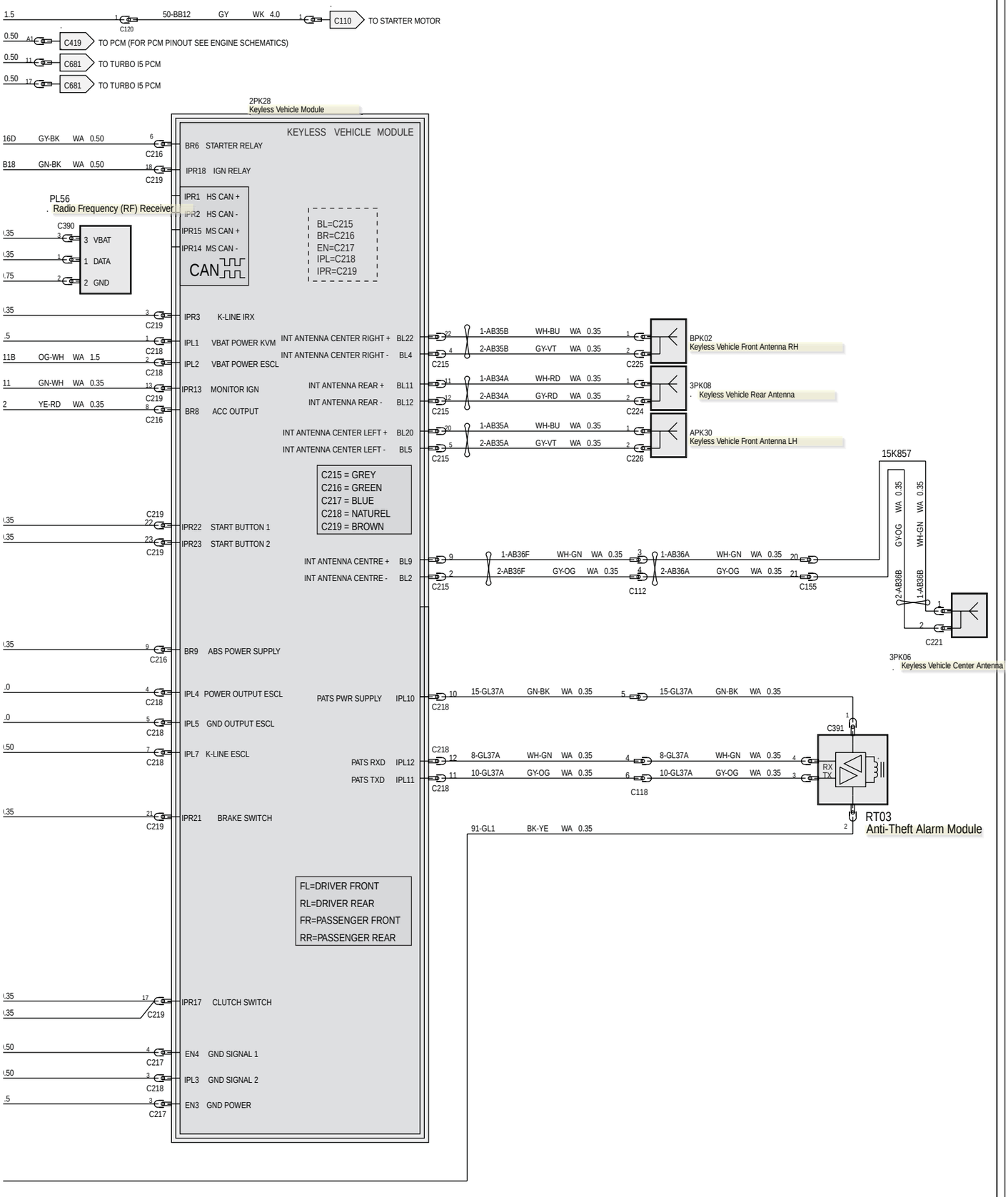
303-06A-3 Starting System—LHD 4WD



303-06A-4 Starting System—RHD 4WD



303-06A-5 Starting System—RHD 4WD



## Starter Motor (G1235956)

PIN 1 => 30-BB10B RD 35.0 WK + 30-BA6B RD 35.0 WK



1 30-BB10 RD FLR9 25.0 + 30-BA6 RD FLR9 25.0

3M5T-14463-BNA
C109
TO STARTER MOTOR
HARNESS 14A280

## Starter Motor (G1235957)



1 50-BB12 GY WK 1.5

91AG-14A464-EAA
C120
TO STARTER MOTOR
HARNESS 12A690

## Starter Relay (G1313035)

IMAGE NOT AVAILABLE

# SECTION 303-06B Starting System — 2.0L Duratorq-TDCi (100kW/136PS)

**- DW, Emission Requirements: Stage IV**

## VEHICLE APPLICATION: 2011.0 Kuga

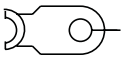
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### ELECTRICAL CONNECTORS

Starter Motor..... 303-06B-2
Starter Motor..... 303-06B-2

## Starter Motor (G1235956)

PIN 1 => 30-BB10B RD 35.0 WK + 30-BA6B RD 35.0 WK



1 30-BB10 RD FLR9 25.0 + 30-BA6 RD FLR9 25.0

3M5T-14463-BNA
C109
TO STARTER MOTOR
HARNESS 14A280

## Starter Motor (G1235957)



1 50-BB12 GY WK 1.5

91AG-14A464-EAA
C120
TO STARTER MOTOR
HARNESS 12A690

# SECTION 303-06C Starting System — 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Emission Requirements: Stage V

## VEHICLE APPLICATION: 2011.0 Kuga

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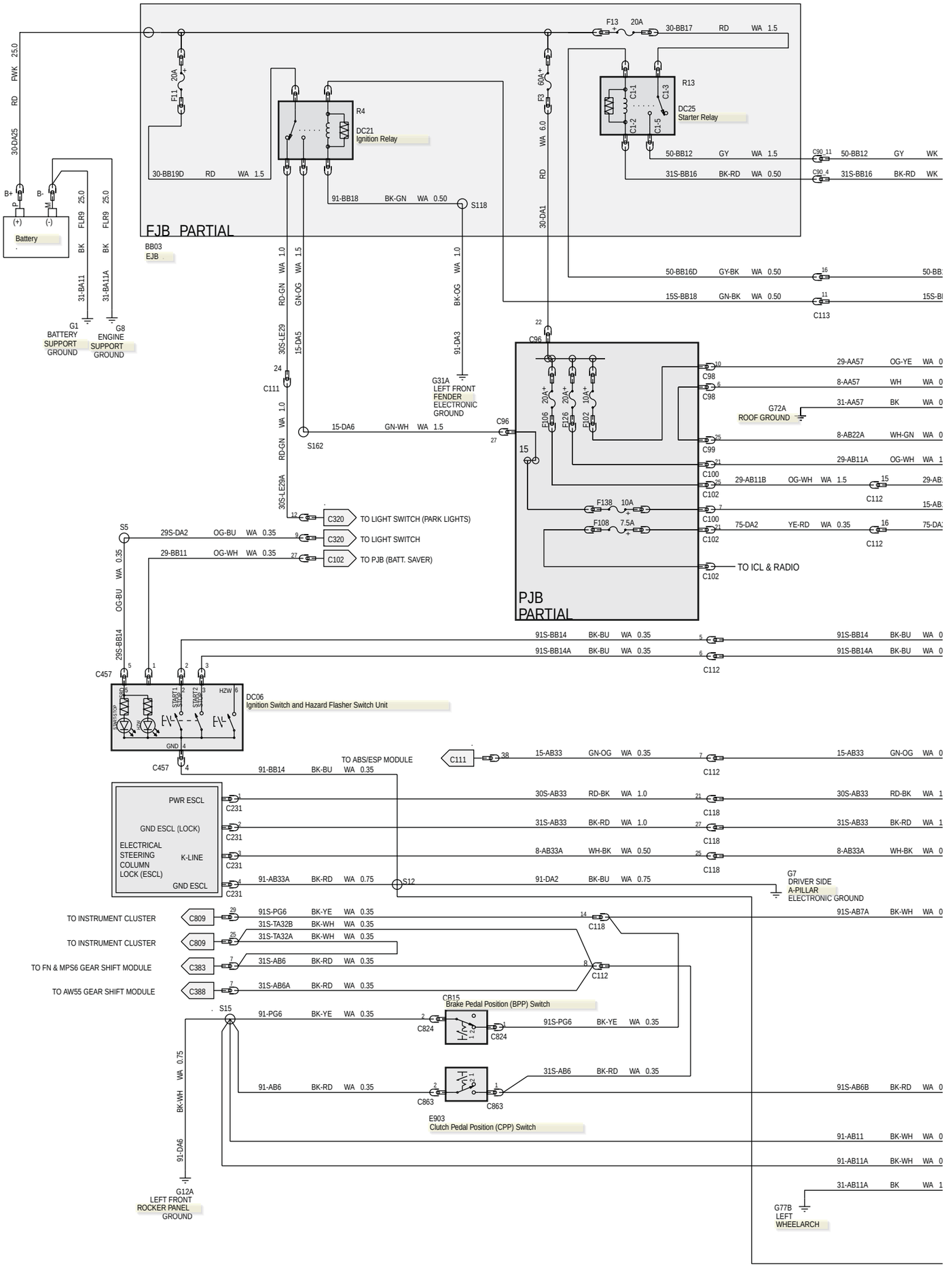
**ELECTRICAL SCHEMATICS**

Starting System — LHD 4WD/LHD FWD..... 303-06C-2
Starting System — RHD 4WD/RHD FWD..... 303-06C-4

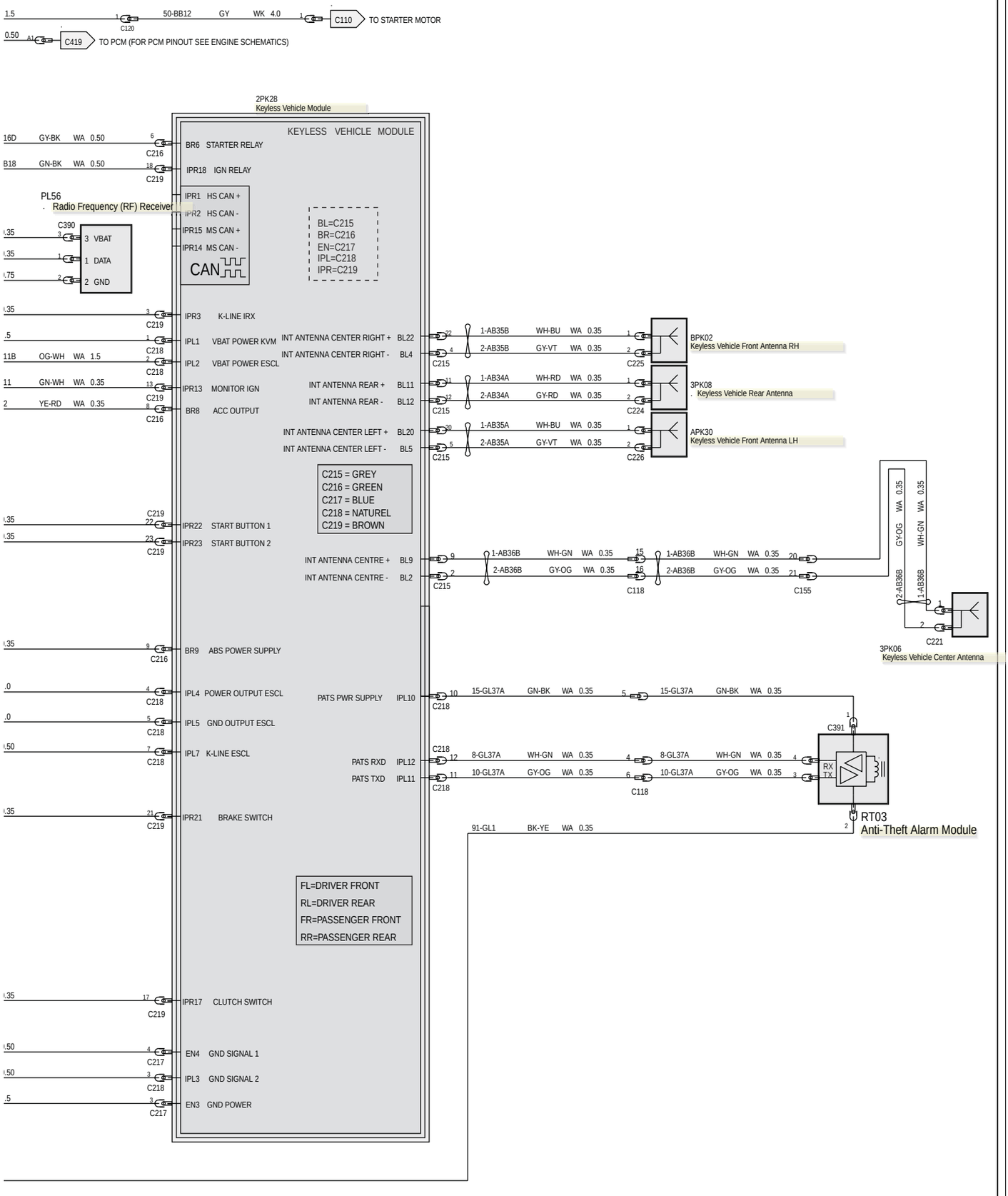
**ELECTRICAL CONNECTORS**

Starter Motor..... 303-06C-6

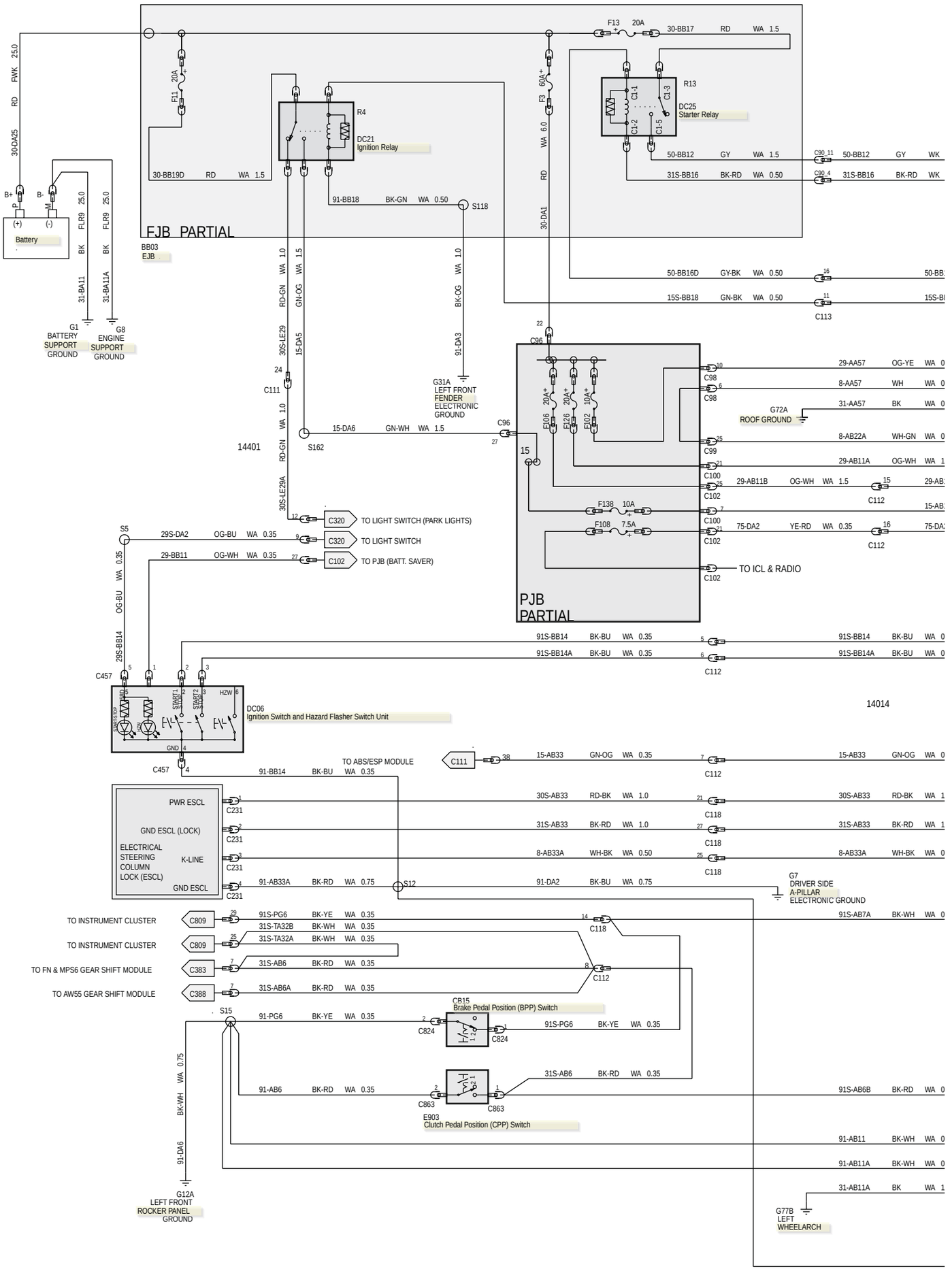
303-06C-2 Starting System—LHD 4WD/LHD FWD



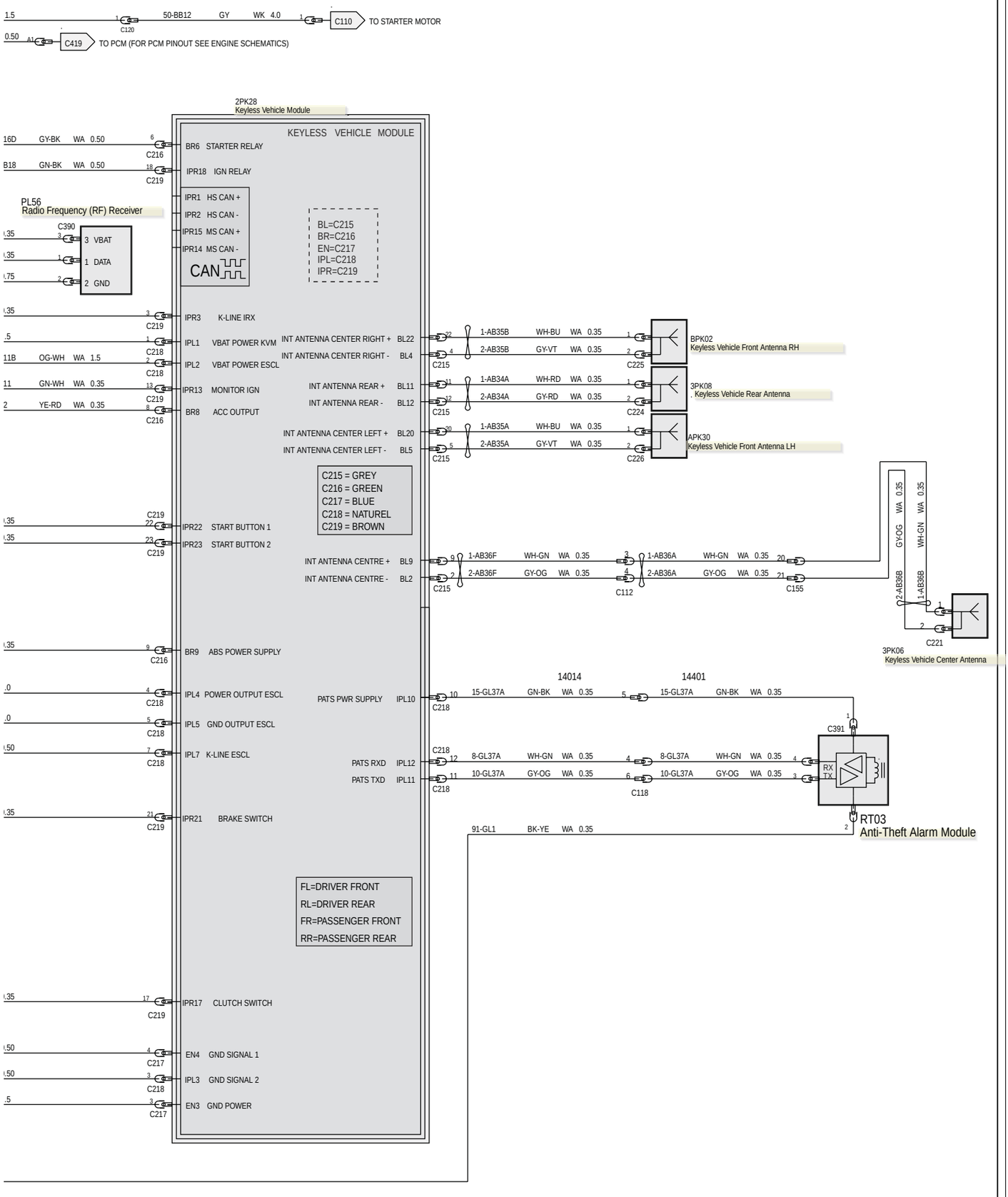
303-06C-3 Starting System—LHD 4WD/LHD FWD



303-06C-4 Starting System—RHD 4WD/RHD FWD

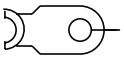


303-06C-5 Starting System—RHD 4WD/RHD FWD



## Starter Motor (G1235956)

PIN 1 => 30-BB10B RD 35.0 WK + 30-BA6B RD 35.0 WK



1 30-BB10 RD FLR9 25.0 + 30-BA6 RD FLR9 25.0

3M5T-14463-BNA
C109
TO STARTER MOTOR
HARNESS 14A280

# SECTION 303-07A Engine Ignition — 2.5L Duratec (147kW/200PS) - VI5

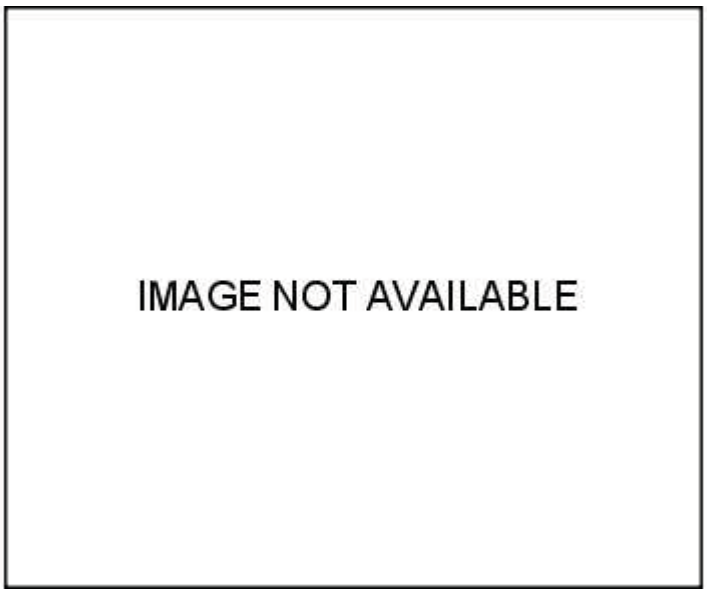
## VEHICLE APPLICATION: 2011.0 Kuga

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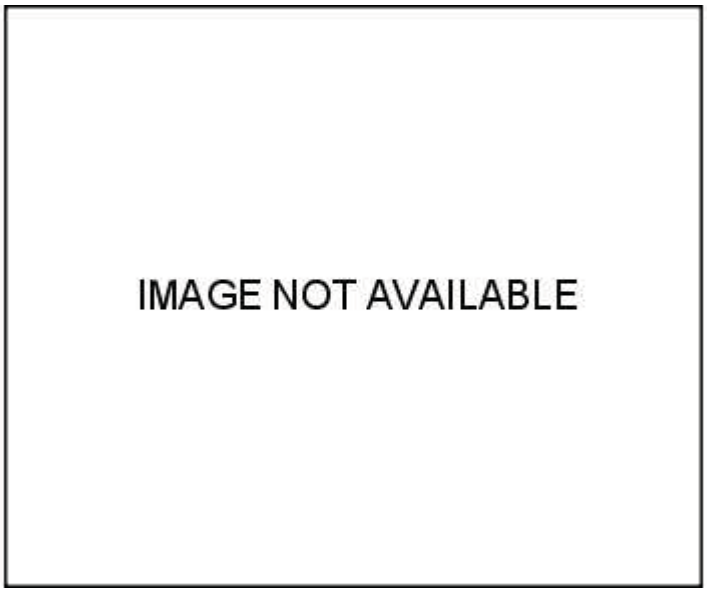
### ELECTRICAL CONNECTORS

Ignition Coil-On-Plug 1..... 303-07A-2
Ignition Coil-On-Plug 2..... 303-07A-2
Ignition Coil-On-Plug 3..... 303-07A-2
Ignition Coil-On-Plug 4..... 303-07A-3
Ignition Coil-On-Plug 5..... 303-07A-3

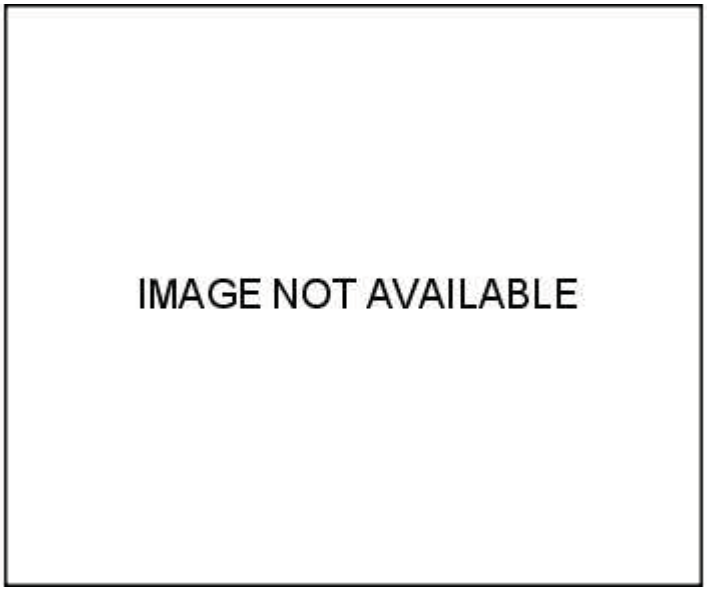
Ignition Coil-On-Plug 1 (G1230337)



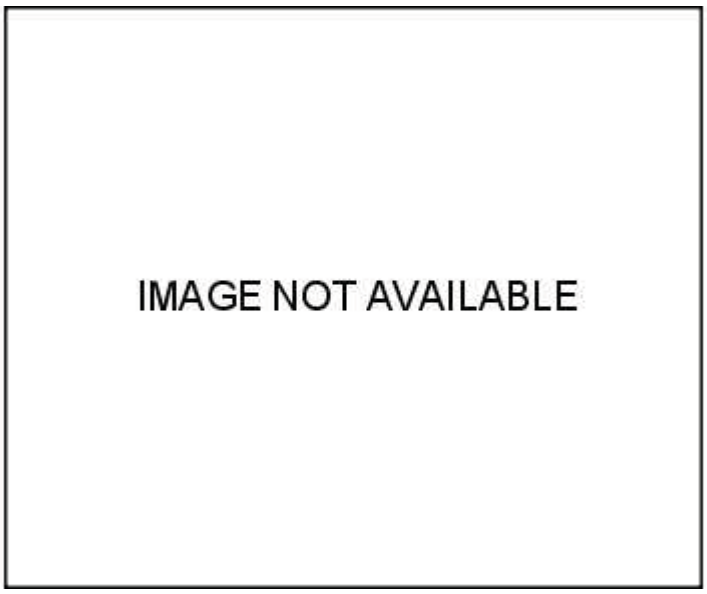

Ignition Coil-On-Plug 2 (G1230338)



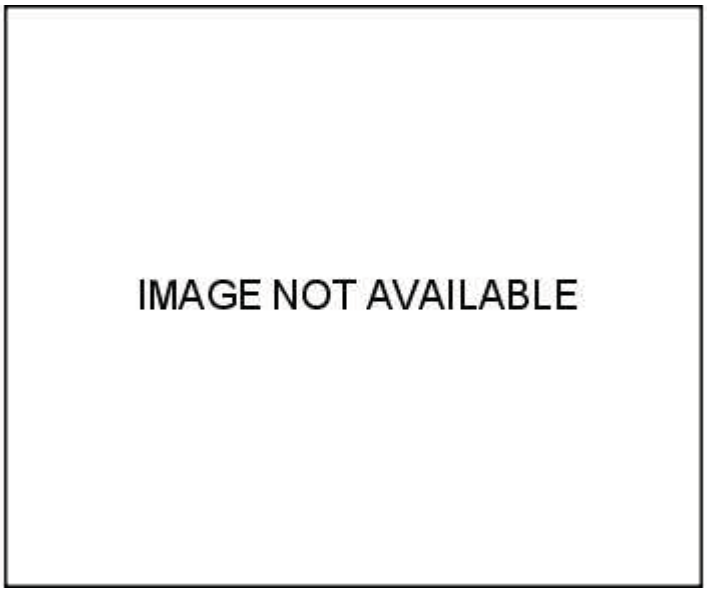

Ignition Coil-On-Plug 3 (G1230339)



Ignition Coil-On-Plug 4 (G1230340)




Ignition Coil-On-Plug 5 (G1230341)



# SECTION 303-07B Glow Plug System — 2.0L Duratorq-TDCi

**(100kW/136PS) - DW, Emission Requirements: Stage IV**

## VEHICLE APPLICATION: 2011.0 Kuga

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### ELECTRICAL CONNECTORS

Glow Plug 1..... 303-07B-2
Glow Plug 2..... 303-07B-2
Glow Plug 3..... 303-07B-2
Glow Plug 4..... 303-07B-2
Glow Plug Relay..... 303-07B-2
Glow Plug Module..... 303-07B-3

## Glow Plug 1 (G1240684)

1 15S-RD15D GN-OG WK 2.5

92BG-14463-GJA

C857

PRE GLOW HEATER ELEMENT 1

HARNESS 14K106

## Glow Plug 2 (G1240685)

1 15S-RD15C GN-OG WK 2.5

92BG-14463-GJA

C856

PRE GLOW HEATER ELEMENT 2

HARNESS 14K106

## Glow Plug 3 (G1240686)

1 15S-RD15B GN-OG WK 2.5

92BG-14463-GJA

C855

PRE GLOW HEATER ELEMENT 3

HARNESS 14K106

## Glow Plug 4 (G1240687)

1 15S-RD15A GN-OG WK 2.5

92BG-14463-GJA

C854

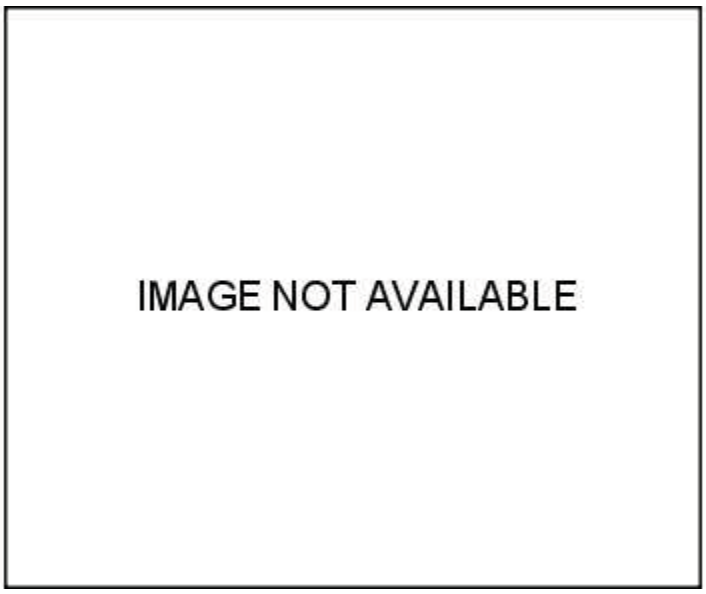
PRE GLOW HEATER ELEMENT 4

HARNESS 14K106

## Glow Plug Relay (G1279922)

IMAGE NOT AVAILABLE

Glow Plug Module (G1313037)



# SECTION 303-08A Engine Emission Control — 2.5L Duratec (147kW/200PS) - VI5

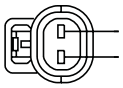
## VEHICLE APPLICATION: 2011.0 Kuga

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**ELECTRICAL CONNECTORS**

Positive Crankcase Ventilation (PCV) Valve Heater Element..... 303-08A-2

## Positive Crankcase Ventilation (PCV) Valve Heater Element (G1230344)



| | | | | |
|---|---|---|---|---|
| 1 | 15-RD21 | GN-WH | R2 | 0.75 |
| 2 | 91-RD21 | BK-WH | R2 | 0.75 |

6M5T-14A464-GBA

C550
TO CRANK CASE VENTILATION-HEATER ELEMENT

HARNESS 12A690

# SECTION 303-08B Engine Emission Control — 2.0L Duratorq-TDCi

**(100kW/136PS) - DW, Emission Requirements: Stage IV, 2.0L Duratorq-TDCi (DW) Diesel**

## VEHICLE APPLICATION: 2011.0 Kuga

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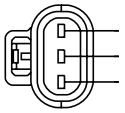
### ELECTRICAL CONNECTORS

Exhaust Gas Recirculation (EGR) Cooler Bypass Valve — A..... 303-08B-2
Exhaust Gas Recirculation (EGR) Cooler Bypass Valve Position Sensor — C..... 303-08B-2
Exhaust Gas Recirculation (EGR) Vacuum Regulator Valve..... 303-08B-2
Exhaust Gas Recirculation (EGR) Valve — B..... 303-08B-2
Exhaust Gas Recirculation (EGR) Valve Position Sensor..... 303-08B-3
Positive Crankcase Ventilation (PCV) Valve..... 303-08B-3

## Exhaust Gas Recirculation (EGR) Cooler Bypass Valve—A (G1336766)

IMAGE NOT AVAILABLE

## Exhaust Gas Recirculation (EGR) Cooler Bypass Valve Position Sensor—C (G1336764)



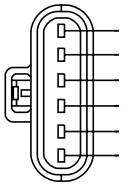
| | | | | | |
|---|---|---|---|---|---|
| 1 | LE139AB | BN-WH | WK | 0.50 | G |
| 2 | RE139AB | BN-WH | WK | 0.50 | G |
| 3 | VE721AB | WH-OG | WK | 0.50 | G |

6M5T-14A464-FCA

C1E756-C
TO EGR BYPASS POSITION SENSOR

HARNESS 12A690

## Exhaust Gas Recirculation (EGR) Vacuum Regulator Valve (G1230348)



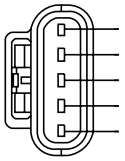
| | | | | | |
|---|---|---|---|---|---|
| 1 | 9-RL7 | BN-GN | WK | 0.50 | G |
| 2 | | | | | |
| 3 | 91S-RL7 | BK-GN | WK | 0.75 | G |
| 4 | 15S-RL7 | GN-BK | WK | 0.75 | G |
| 5 | 7-RL7 | YE-GN | WK | 0.50 | G |
| 6 | 8-RL7 | WH-GN | WK | 0.50 | G |

6M5T-14A464-DFA

C833
TO EGR VALVE (HEAT EXCHANGER)

HARNESS 12A690

## Exhaust Gas Recirculation (EGR) Valve—B (G1336763)



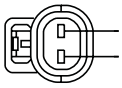
| | | | | | |
|---|---|---|---|---|---|
| 1 | CE101A | WH-VT | WK | 0.75 | G |
| 2 | CE102A | YE-BU | WK | 0.75 | G |
| 3 | VE721A | WH-OG | WK | 0.50 | G |
| 4 | RE139A | GY-OG | WK | 0.50 | G |
| 5 | LE139A | BN-WH | WK | 0.50 | G |

5M5T-14A464-EAA

C1E139-B
TO EGR VALVE

HARNESS 12A690

## Exhaust Gas Recirculation (EGR) Valve Position Sensor (G1230349)



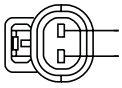
| | | | | | |
|---|---|---|---|---|---|
| 1 | 15S-RJ37 | GN-BK | WK | 0.75 | G |
| 2 | 15-RJ37 | GN-BK | WK | 0.75 | G |

6M5T-14A464-GBA

C860
TO EGR THROTTLE POSITION (CONTROL)

HARNESS 12A690

## Positive Crankcase Ventilation (PCV) Valve (G1230350)



| | | | | | |
|---|---|---|---|---|---|
| 1 | 15S-RL42 | GN-BU | WK | 1.0 | G |
| 2 | 91S-RL42 | BK-BU | WK | 1.0 | G |

6M5T-14A464-JBA

C859
FUEL PRESSURE REGULATOR

HARNESS 12A690

# SECTION 303-13 Evaporative Emissions

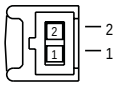
## VEHICLE APPLICATION: 2011.0 Kuga

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## Evaporative Emission Canister Purge Valve (G1230353)




6G9T-14A464-XEA

C902
TO EVAP CANISTER PURGE VALVE
HARNESS 12A690

# SECTION 303-14A Electronic Engine Controls — 2.5L Duratec

**(147kW/200PS) - VI5**

## VEHICLE APPLICATION: 2011.0 Kuga

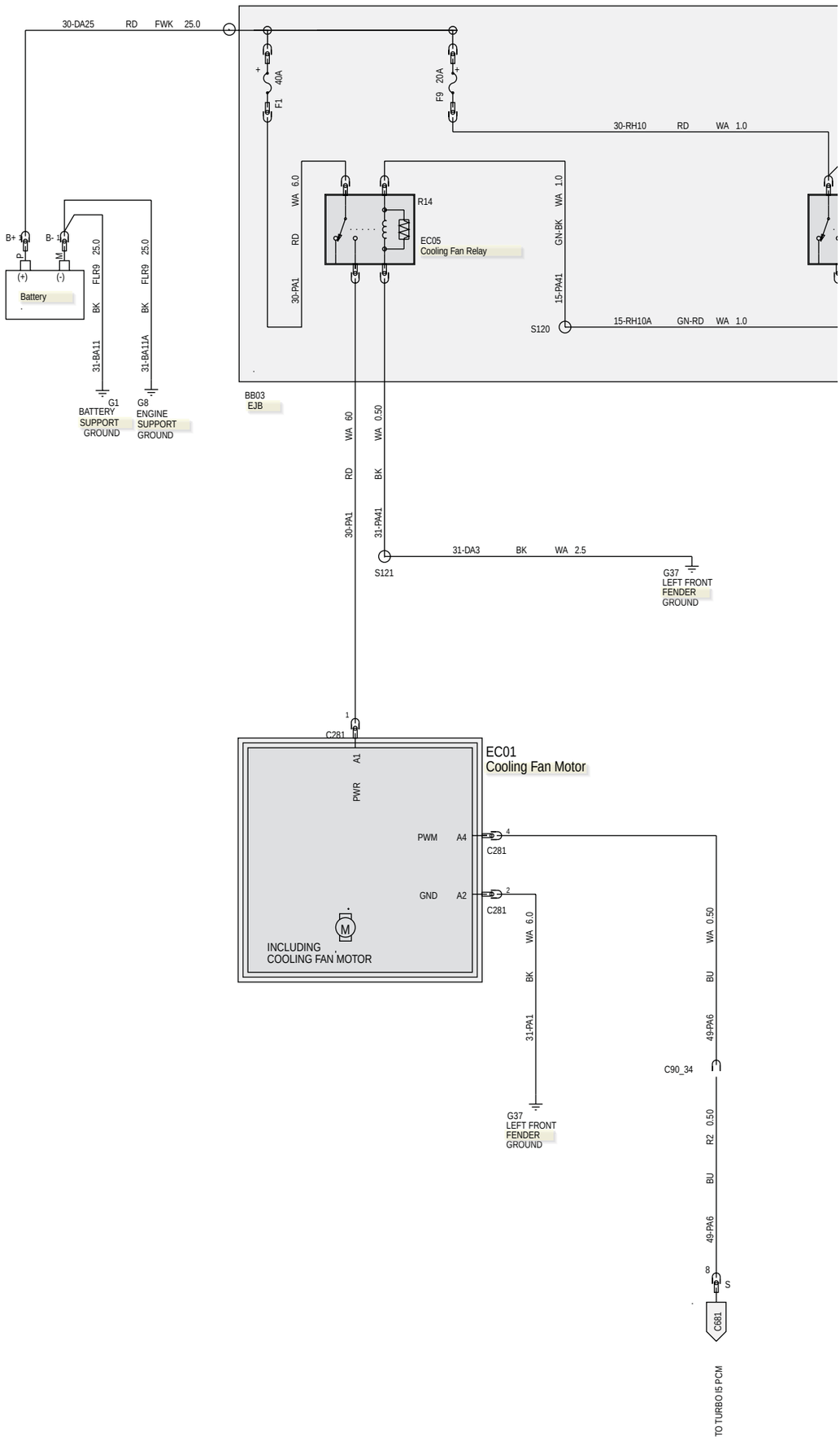
CONTENTS PAGE

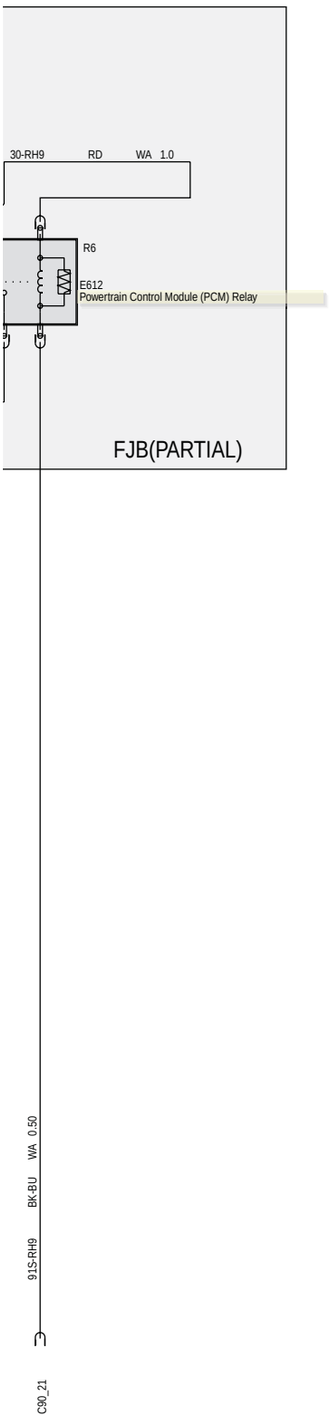
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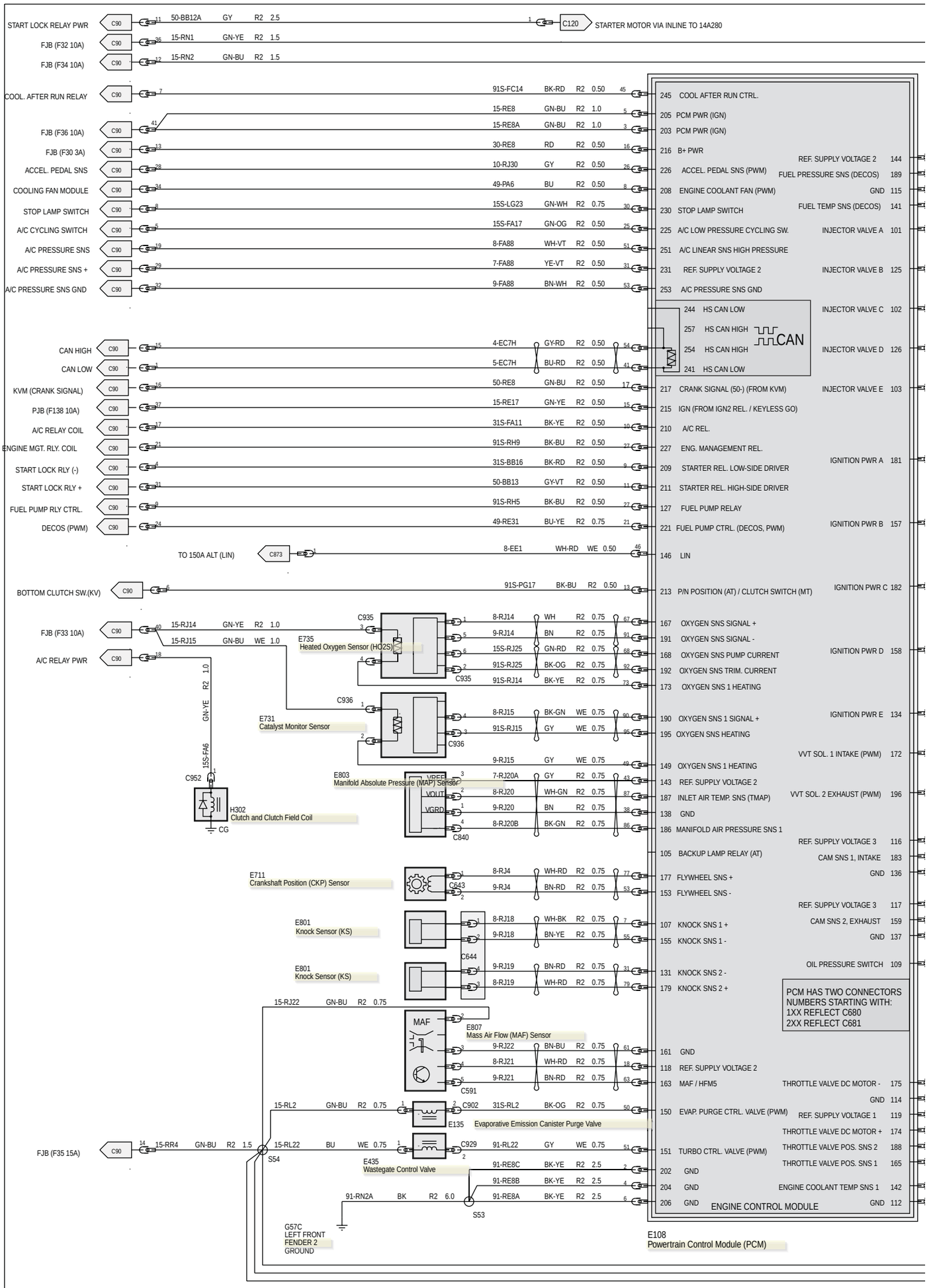
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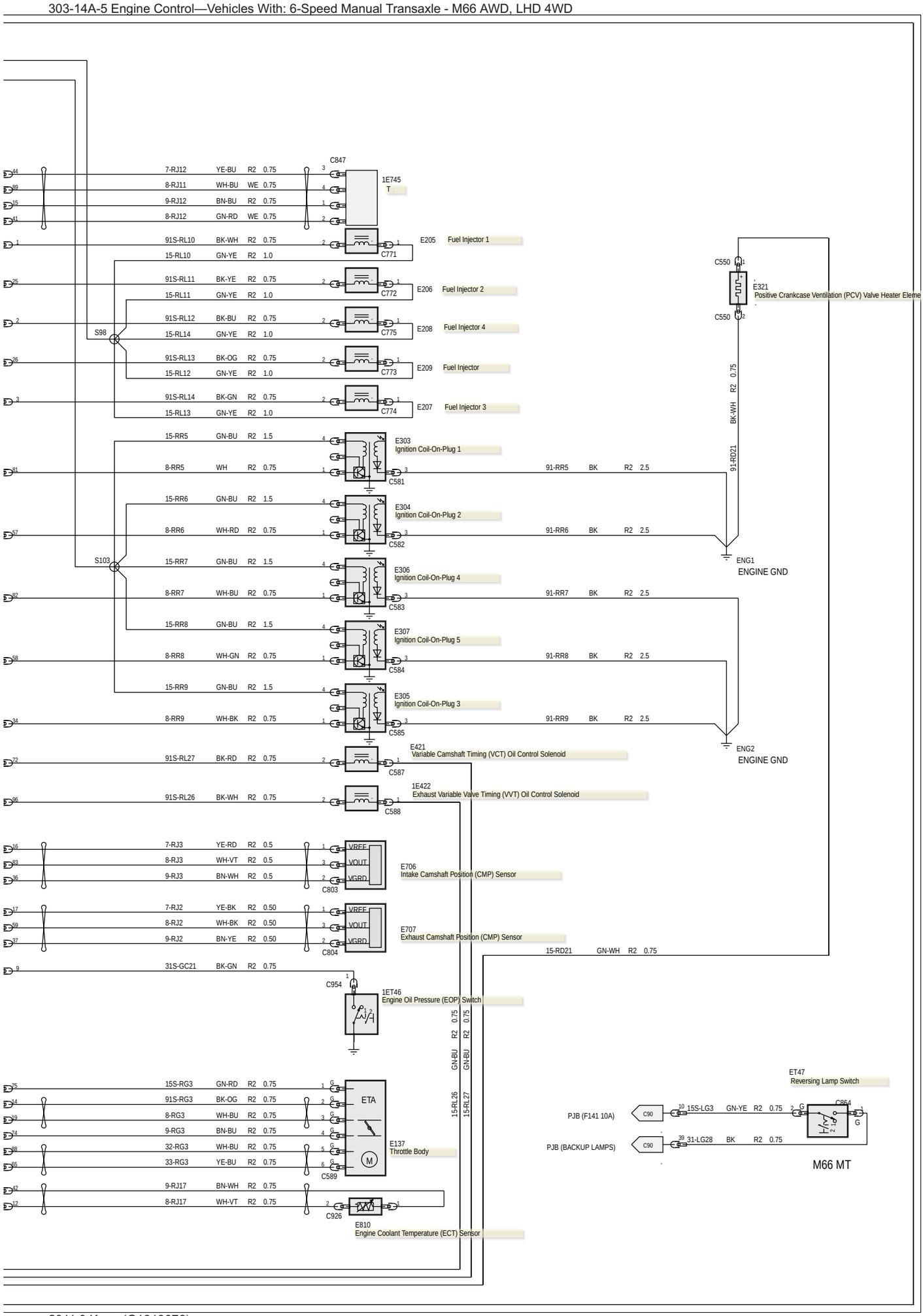

30-DA25 RD FWK 25.0
F1 40A
F9 20A
30-RH10 RD WA 1.0
WA 6.0
RD
30-PA1
R14
EC05
Cooling Fan Relay
WA 1.0
GN-BK
15-PA41
S120
15-RH10A GN-RD WA 1.0
B+
B-
P
M
(+)
(-)
Battery
25.0 FLR9 BK 31-BA11
25.0 FLR9 BK 31-BA11A
G1
BATTERY SUPPORT GROUND
G8
ENGINE SUPPORT GROUND
BB03
EJB
WA 60 RD 30-PA1
WA 0.50 BK 31-PA41
S121
31-DA3 BK WA 2.5
G37
LEFT FRONT FENDER GROUND
C281
A1
PWR
EC01
Cooling Fan Motor
PWM A4
GND A2
INCLUDING COOLING FAN MOTOR
WA 6.0 BK 31-PA1
WA 0.50 BU 49-PA6
C90_34
R2 0.50 BU 49-PA6
C681
TO TURBO I5 PCM


30-RH9
RD
WA 1.0
R6
E612
Powertrain Control Module (PCM) Relay
FJB(PARTIAL)
91S-RH9
BK-BU
WA 0.50
C90_21

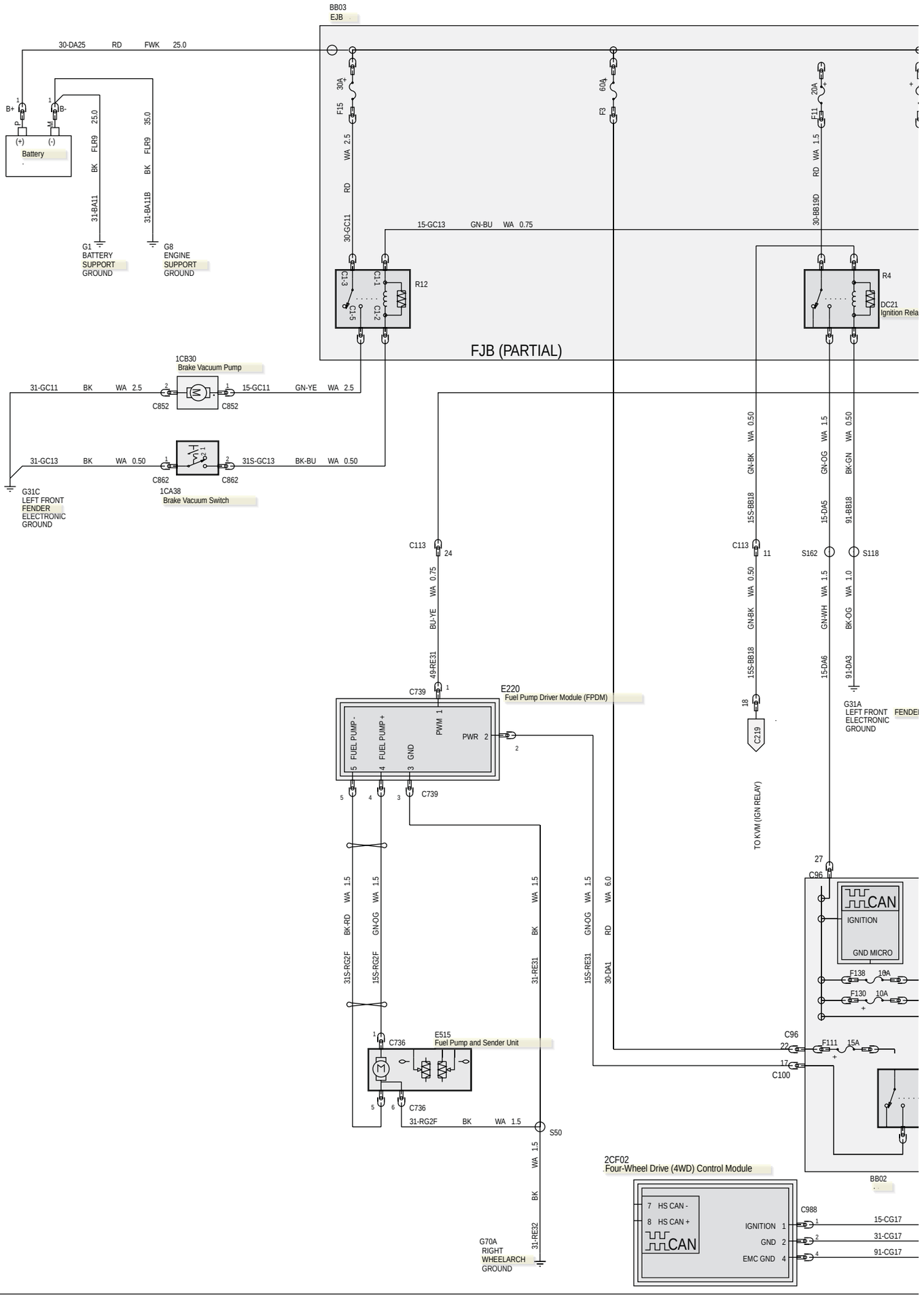
303-14A-4 Engine Control—Vehicles With: 6-Speed Manual Transaxle - M66 AWD, LHD 4WD



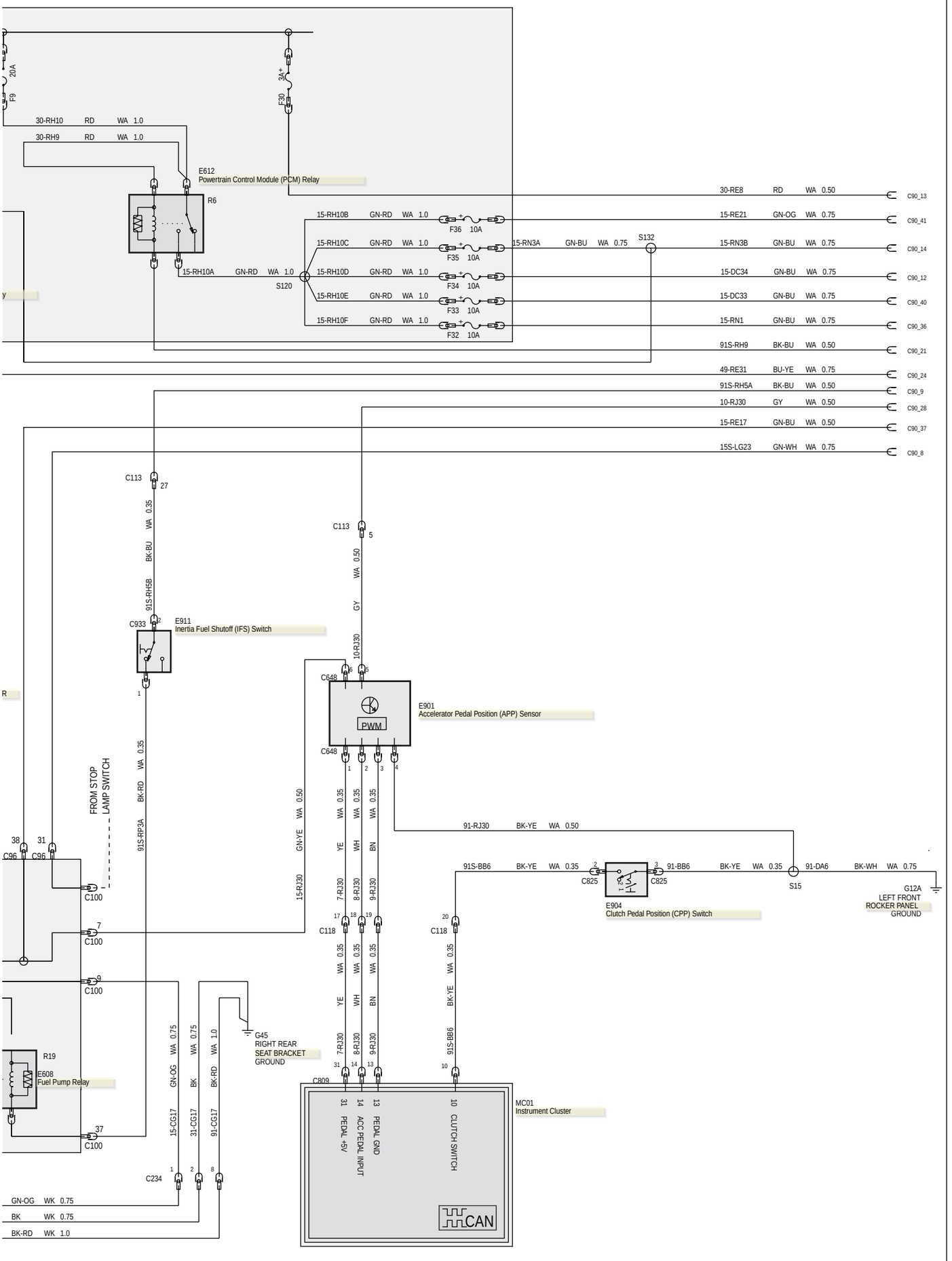
303-14A-5 Engine Control—Vehicles With: 6-Speed Manual Transaxle - M66 AWD, LHD 4WD



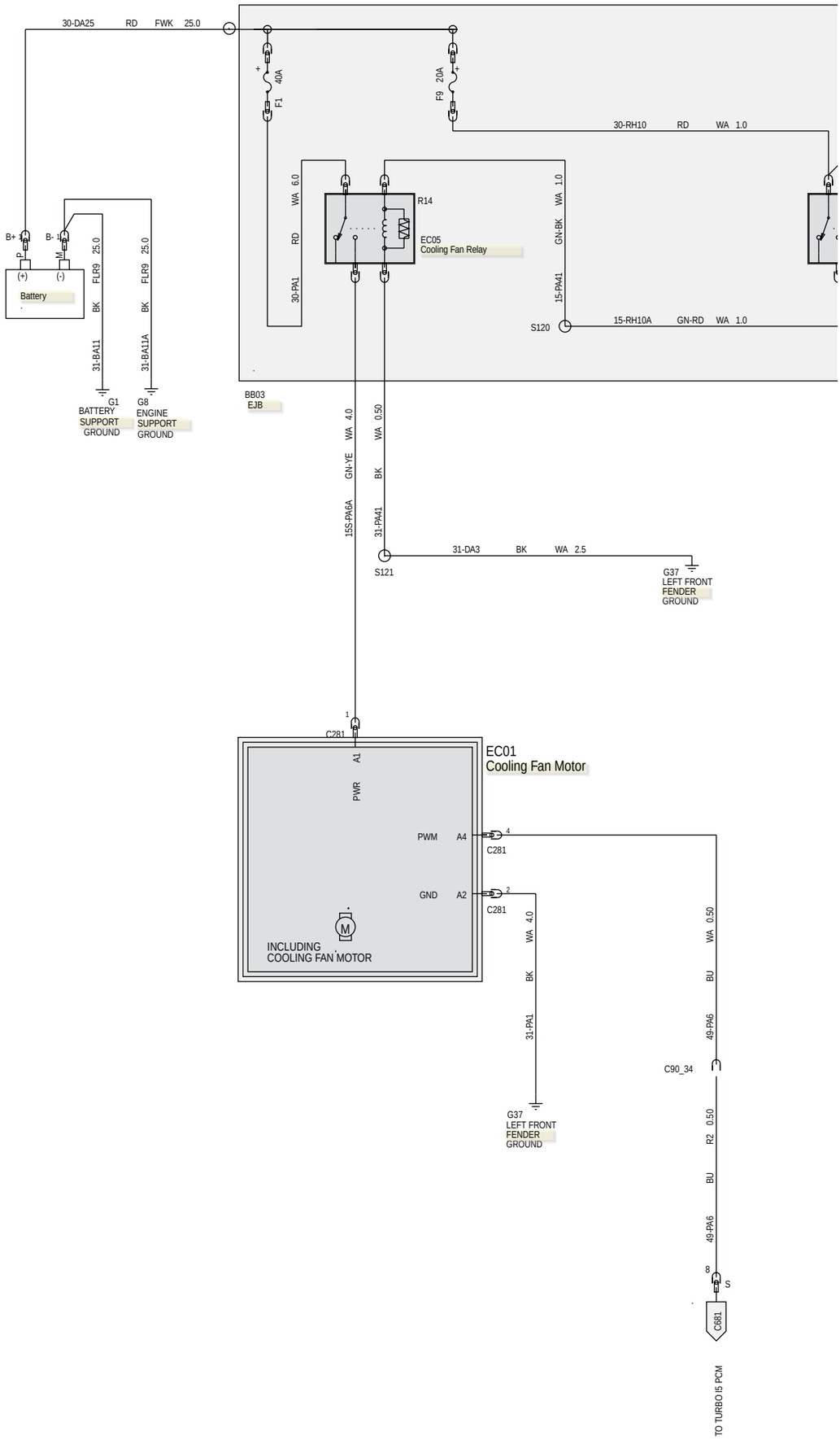
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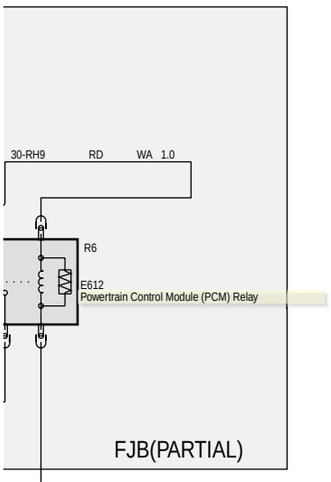


303-14A-7 Engine Control—Vehicles With: 6-Speed Manual Transaxle - M66 AWD, LHD 4WD



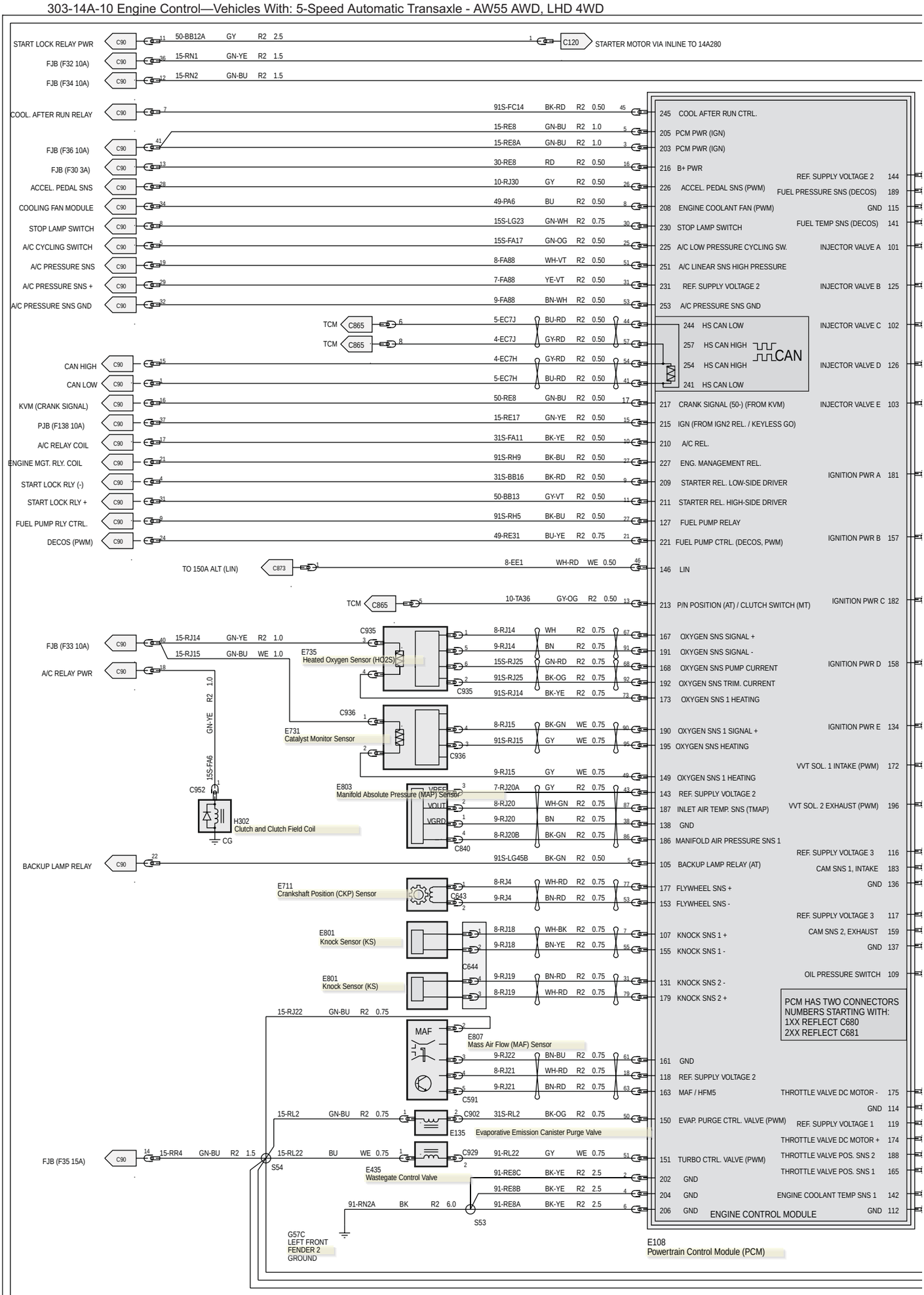
303-14A-8 Engine Control—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD, LHD 4WD



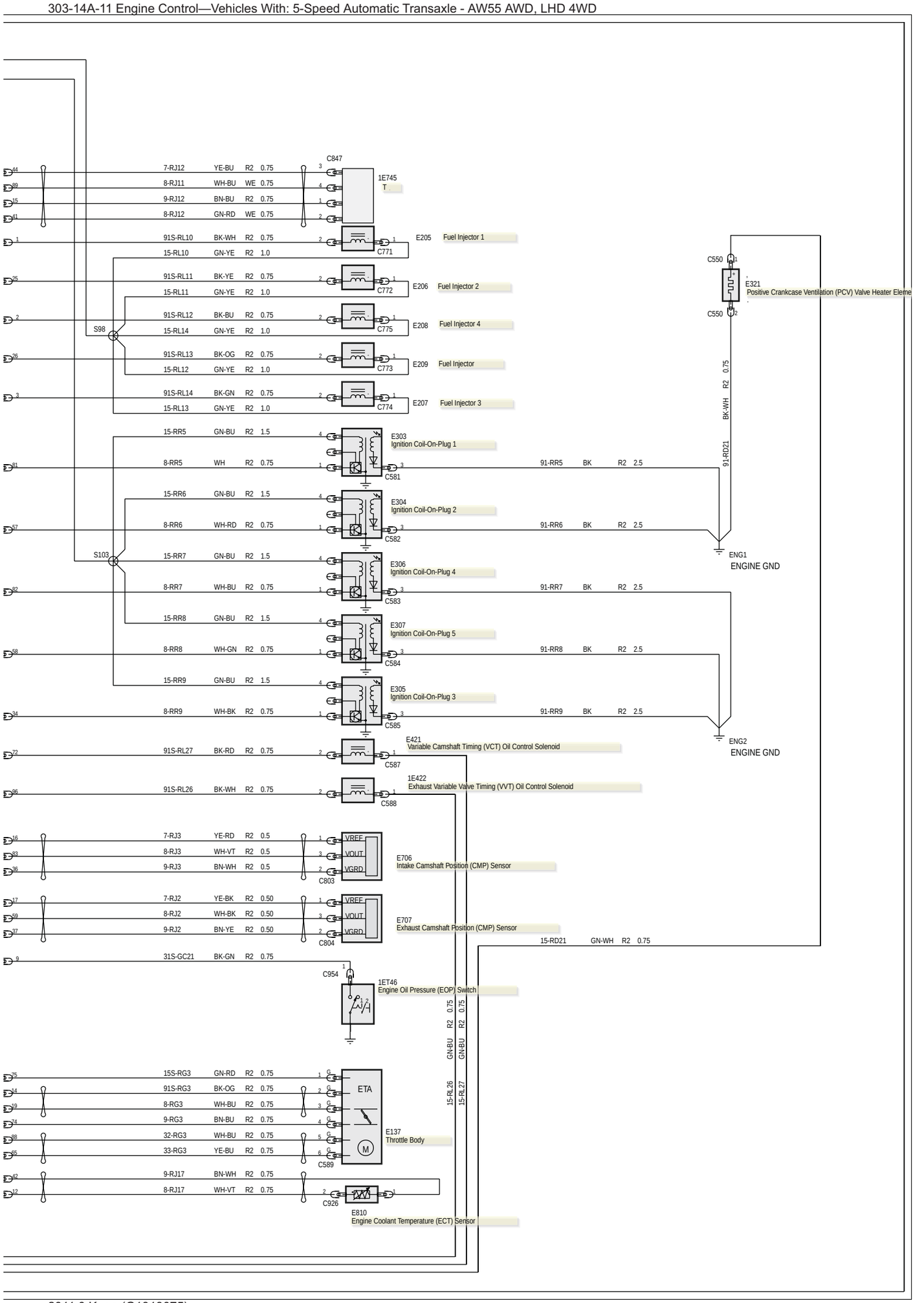

30-RH9
RD
WA 1.0
R6
E612
Powertrain Control Module (PCM) Relay
FJB(PARTIAL)


91S-RH9
BK-BU
WA 0.50
C90_21

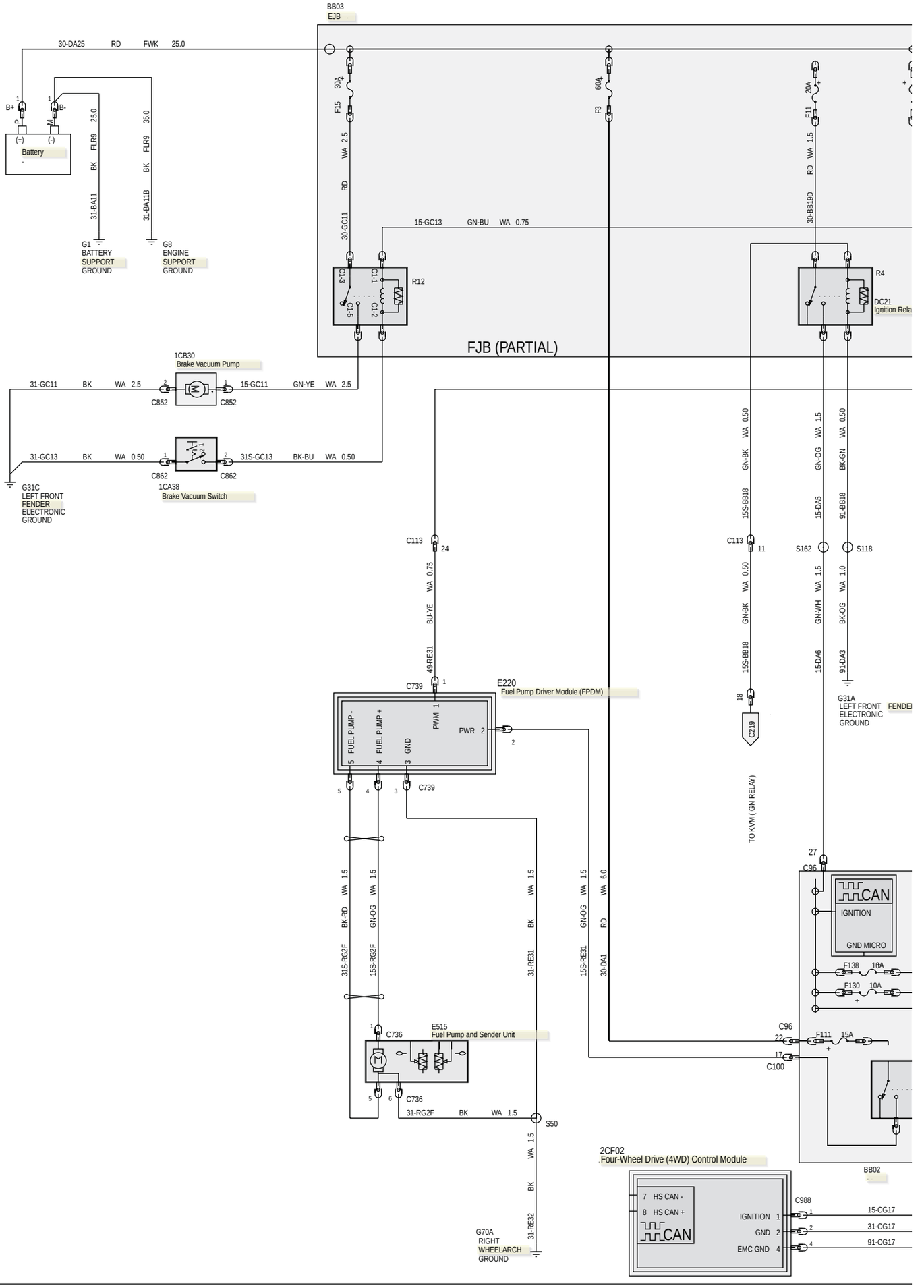
303-14A-10 Engine Control—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD, LHD 4WD



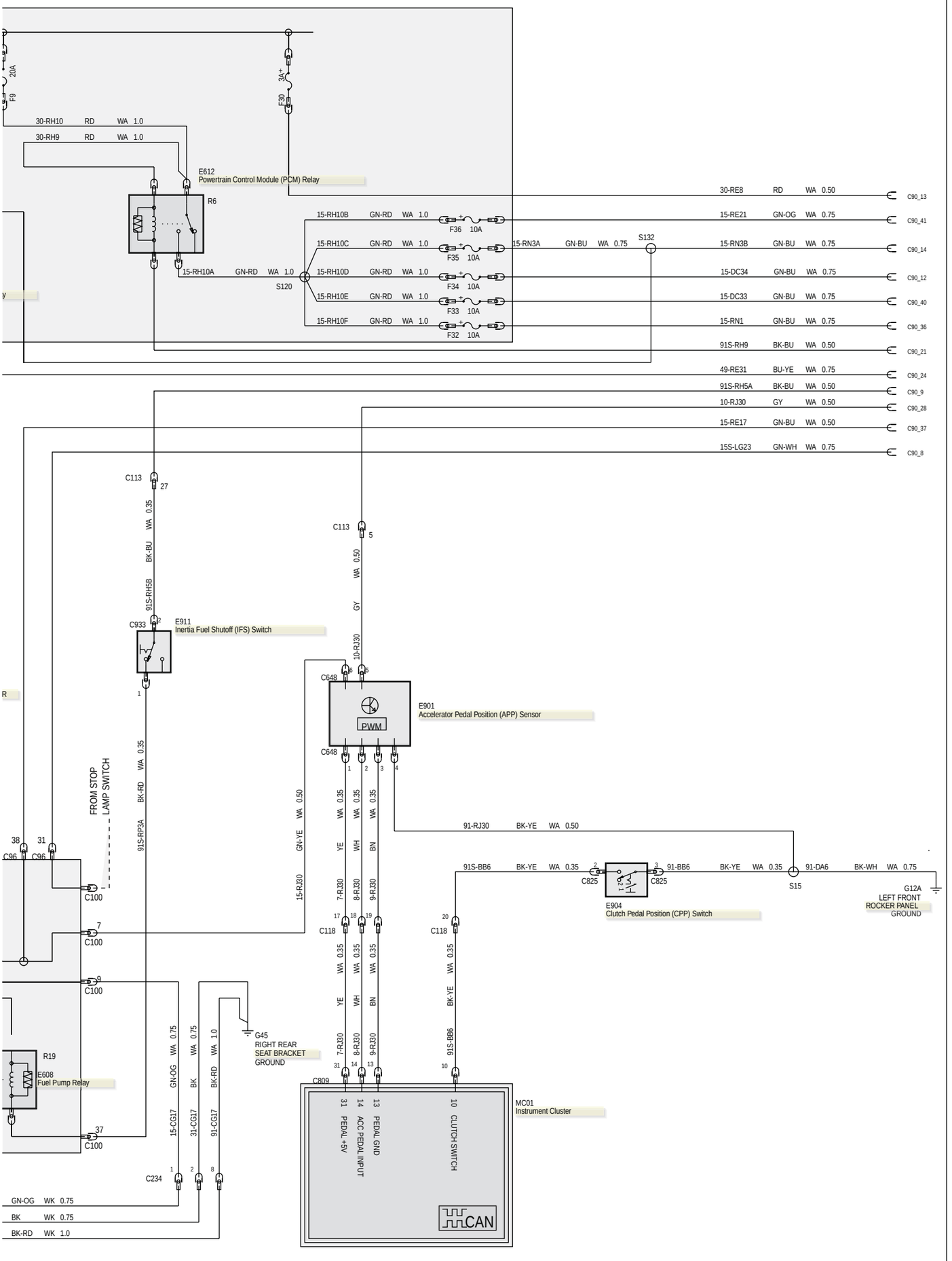
303-14A-11 Engine Control—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD, LHD 4WD



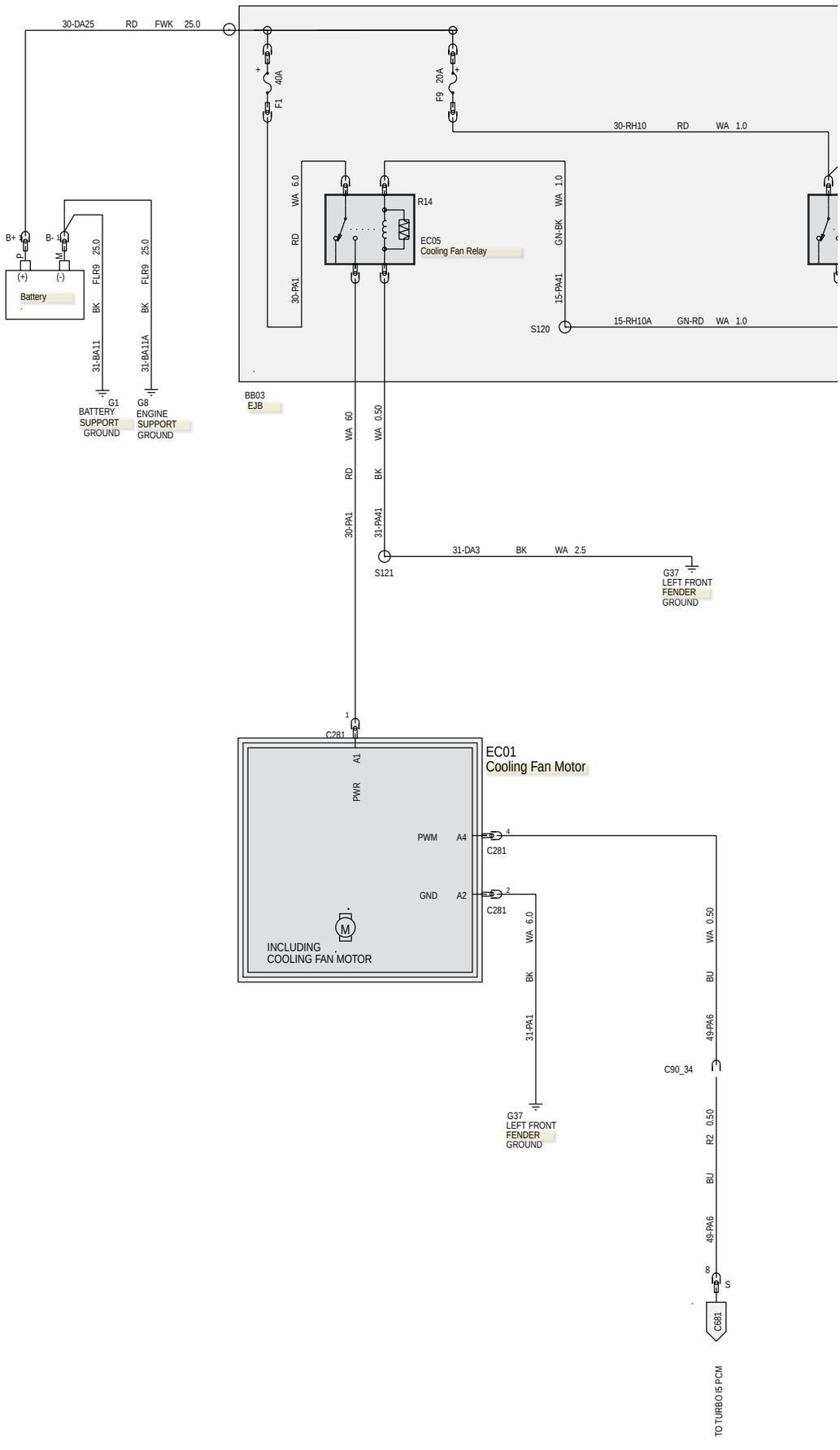
303-14A-12 Engine Control—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD, LHD 4WD



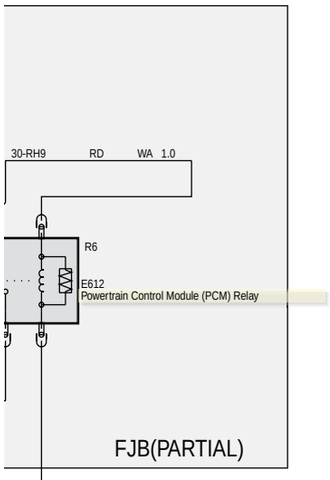
303-14A-13 Engine Control—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD, LHD 4WD

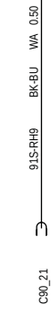


303-14A-14 Engine Control—Vehicles With: 6-Speed Manual Transaxle - M66 AWD, RHD 4WD

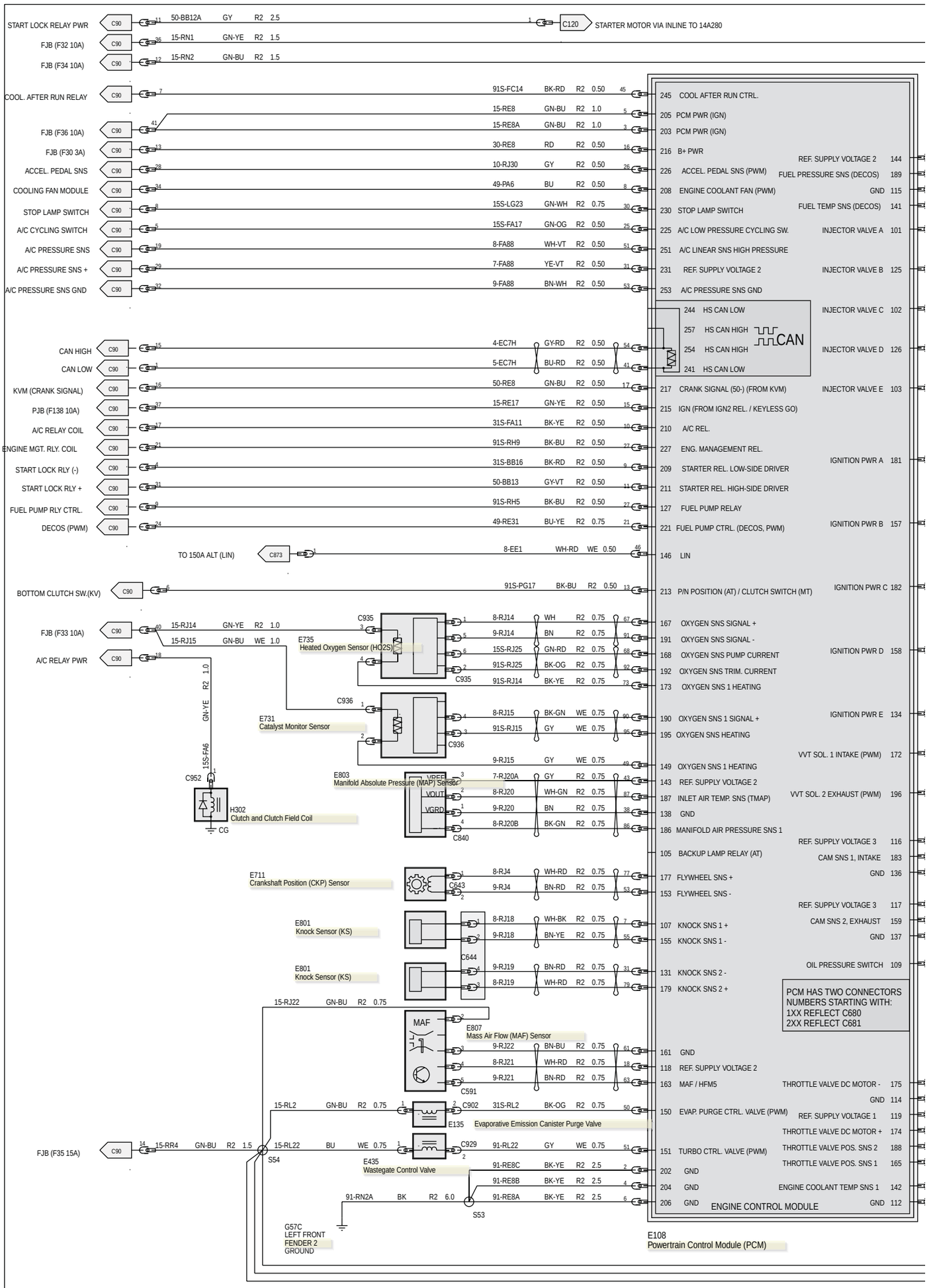


303-14A-15 Engine Control—Vehicles With: 6-Speed Manual Transaxle - M66 AWD, RHD 4WD

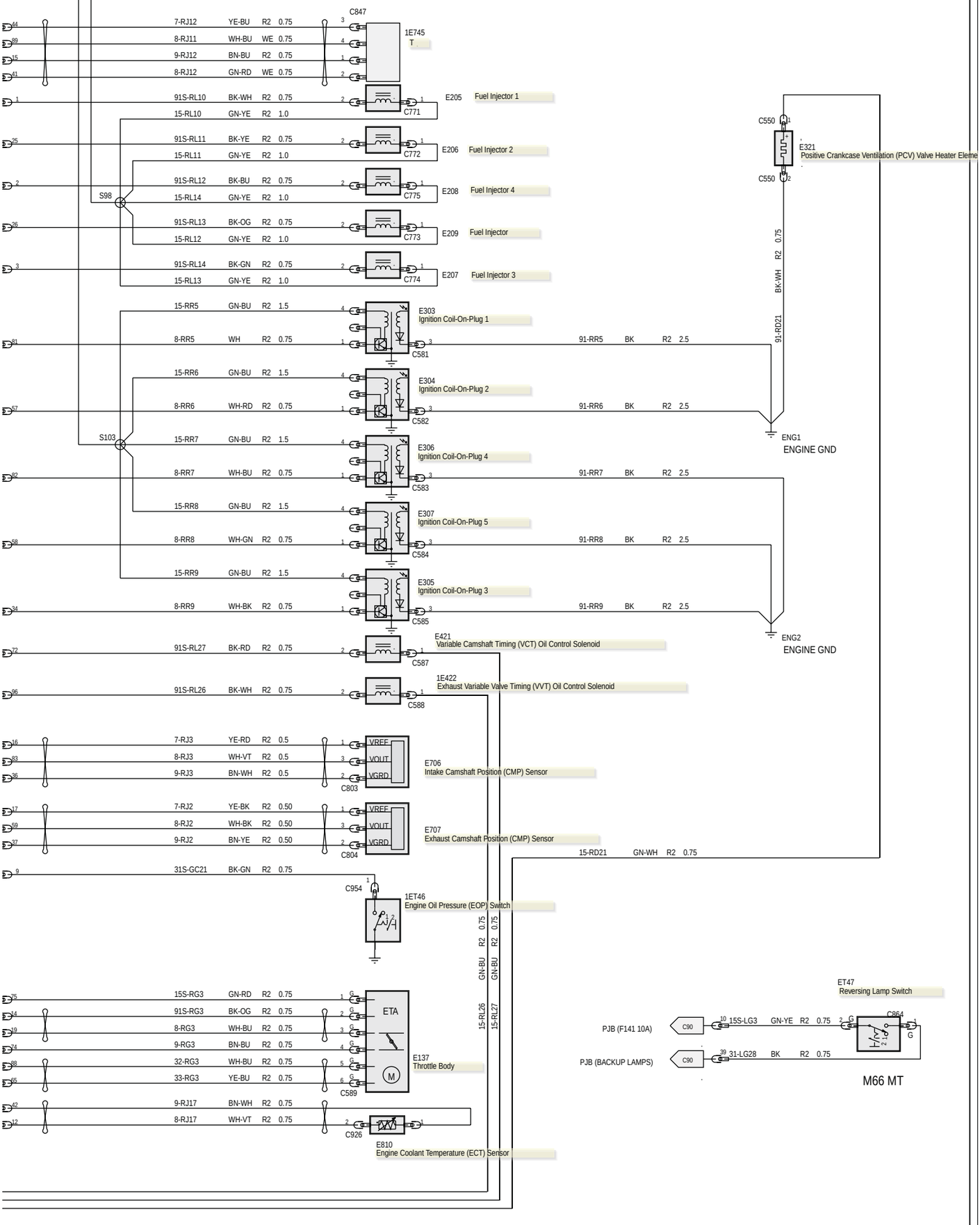


303-14A-16 Engine Control—Vehicles With: 6-Speed Manual Transaxle - M66 AWD, RHD 4WD

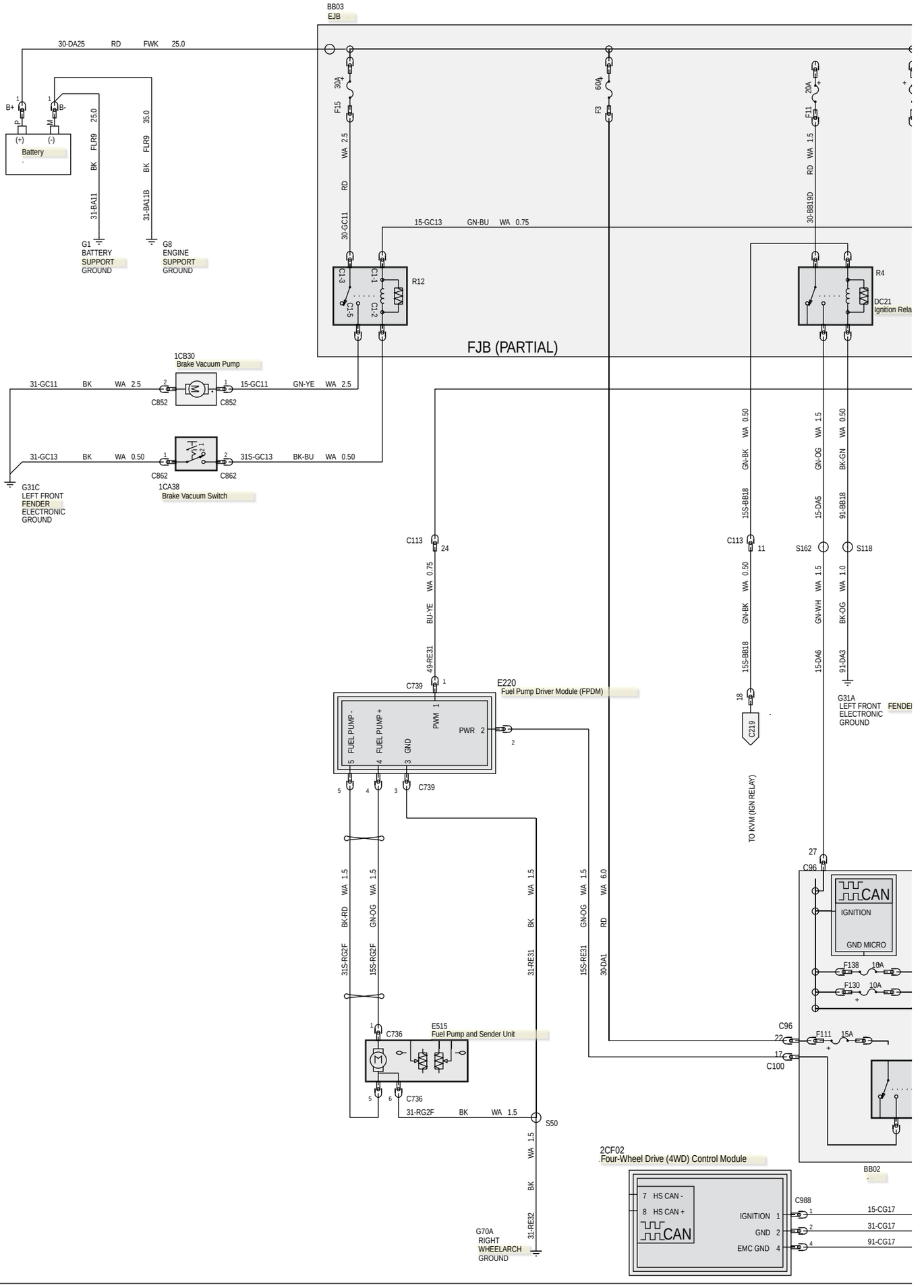


303-14A-17 Engine Control—Vehicles With: 6-Speed Manual Transaxle - M66 AWD, RHD 4WD

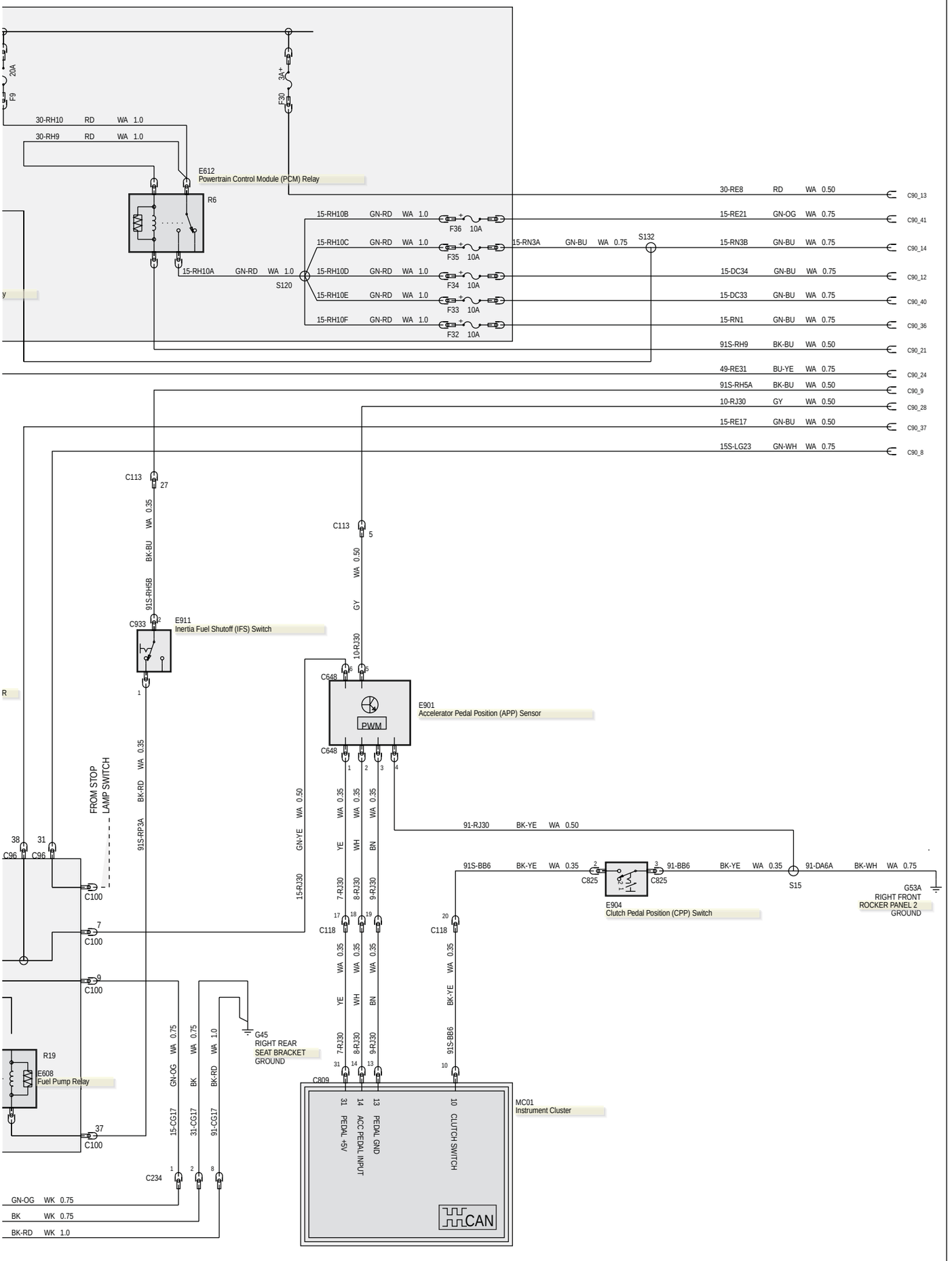



2011.0 Kuga (G1313078)

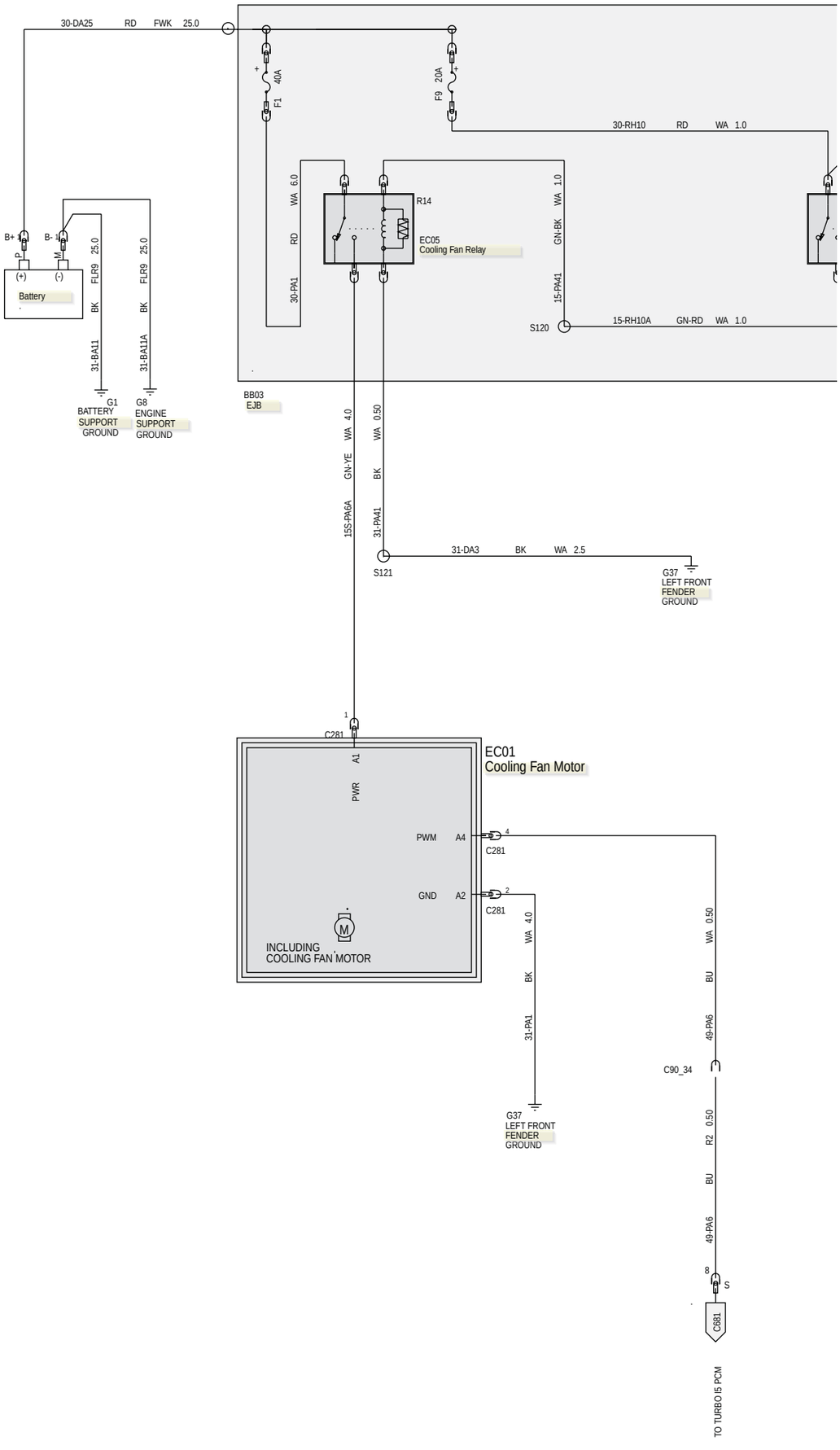
303-14A-18 Engine Control—Vehicles With: 6-Speed Manual Transaxle - M66 AWD, RHD 4WD

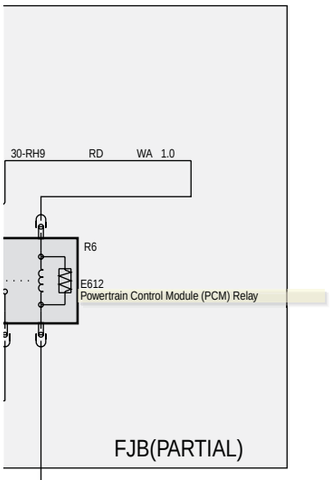


303-14A-19 Engine Control—Vehicles With: 6-Speed Manual Transaxle - M66 AWD, RHD 4WD



303-14A-20 Engine Control—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD, RHD 4WD

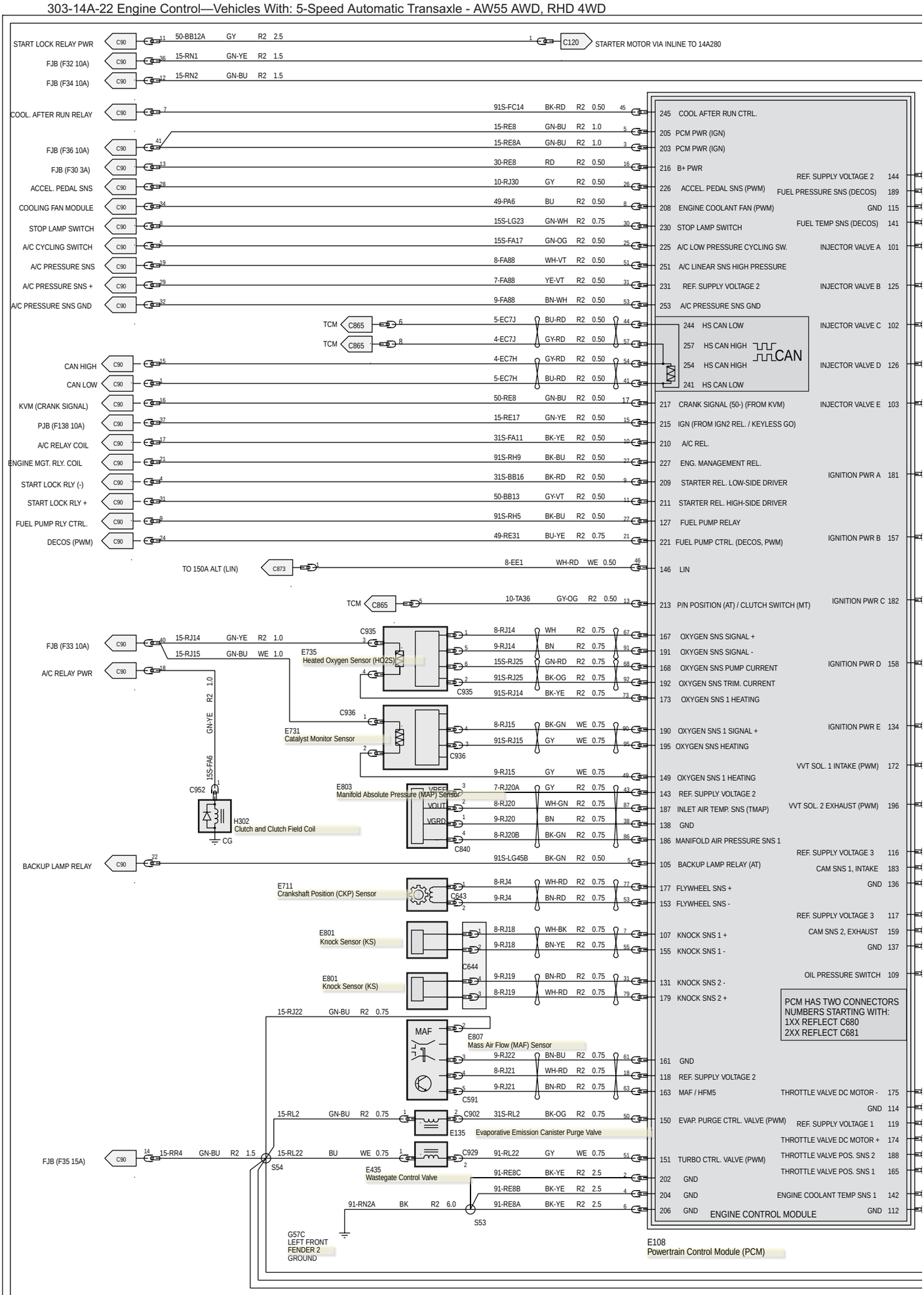




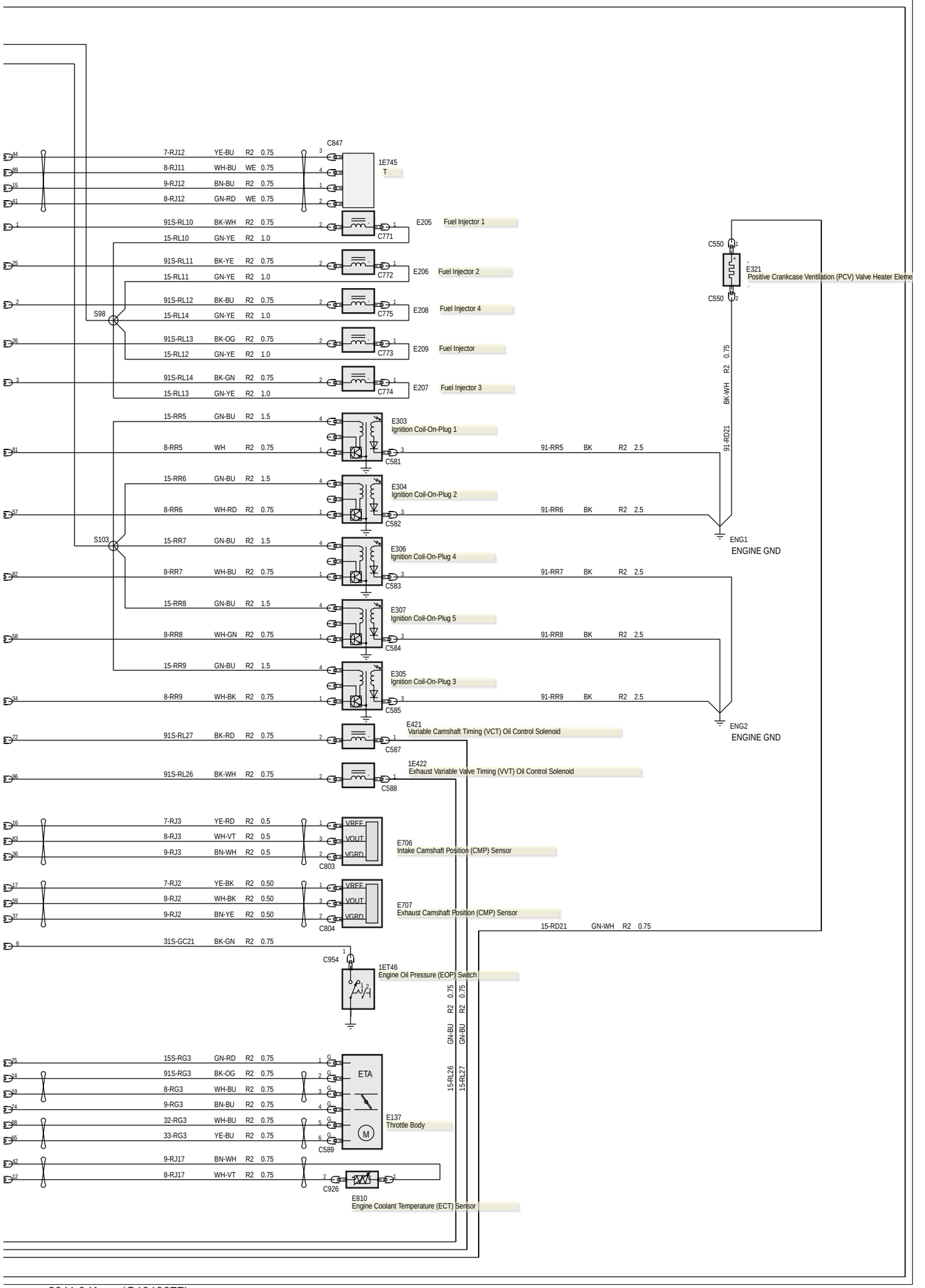

91S-RH9 BK-BU WA 0.50

C90_21

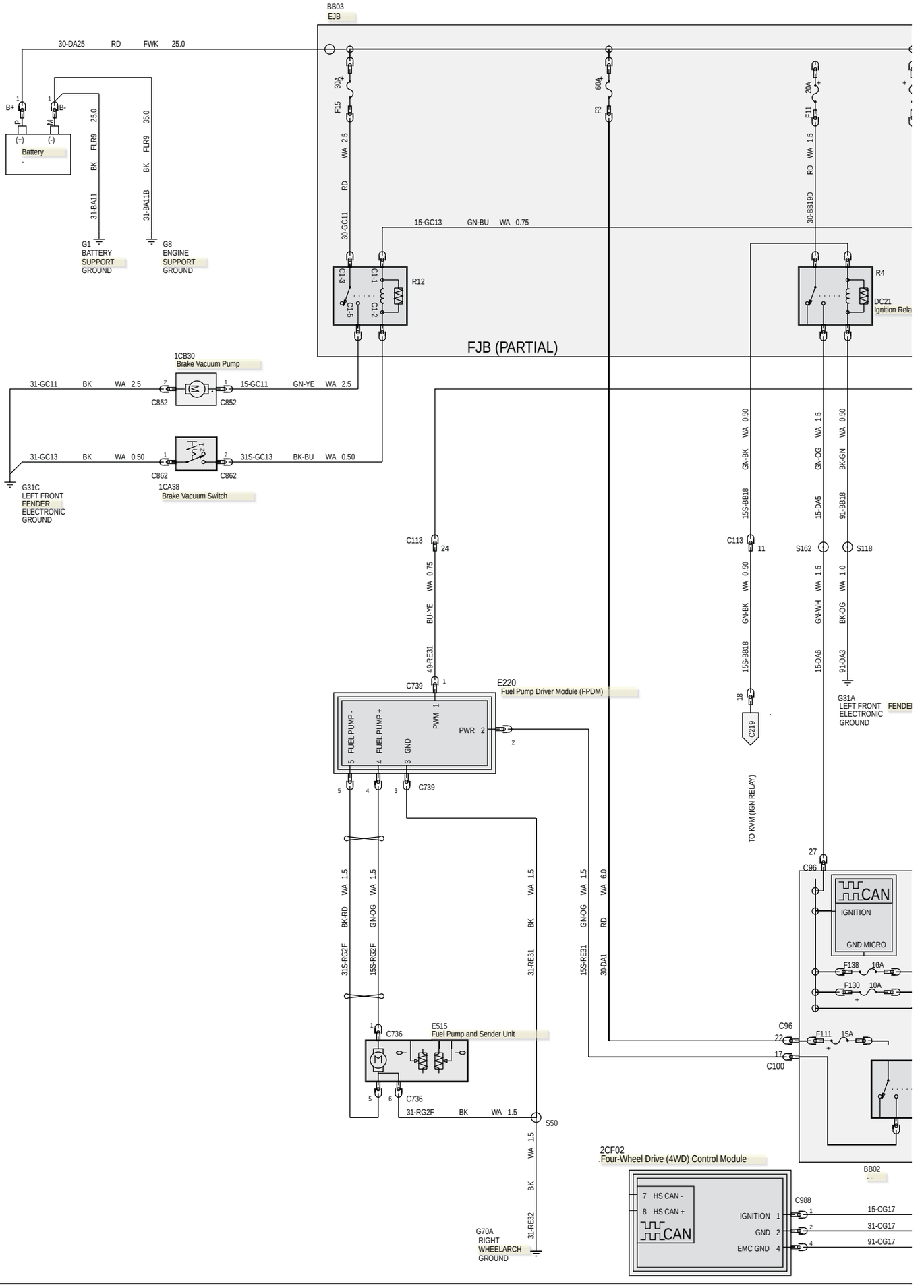
303-14A-22 Engine Control—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD, RHD 4WD



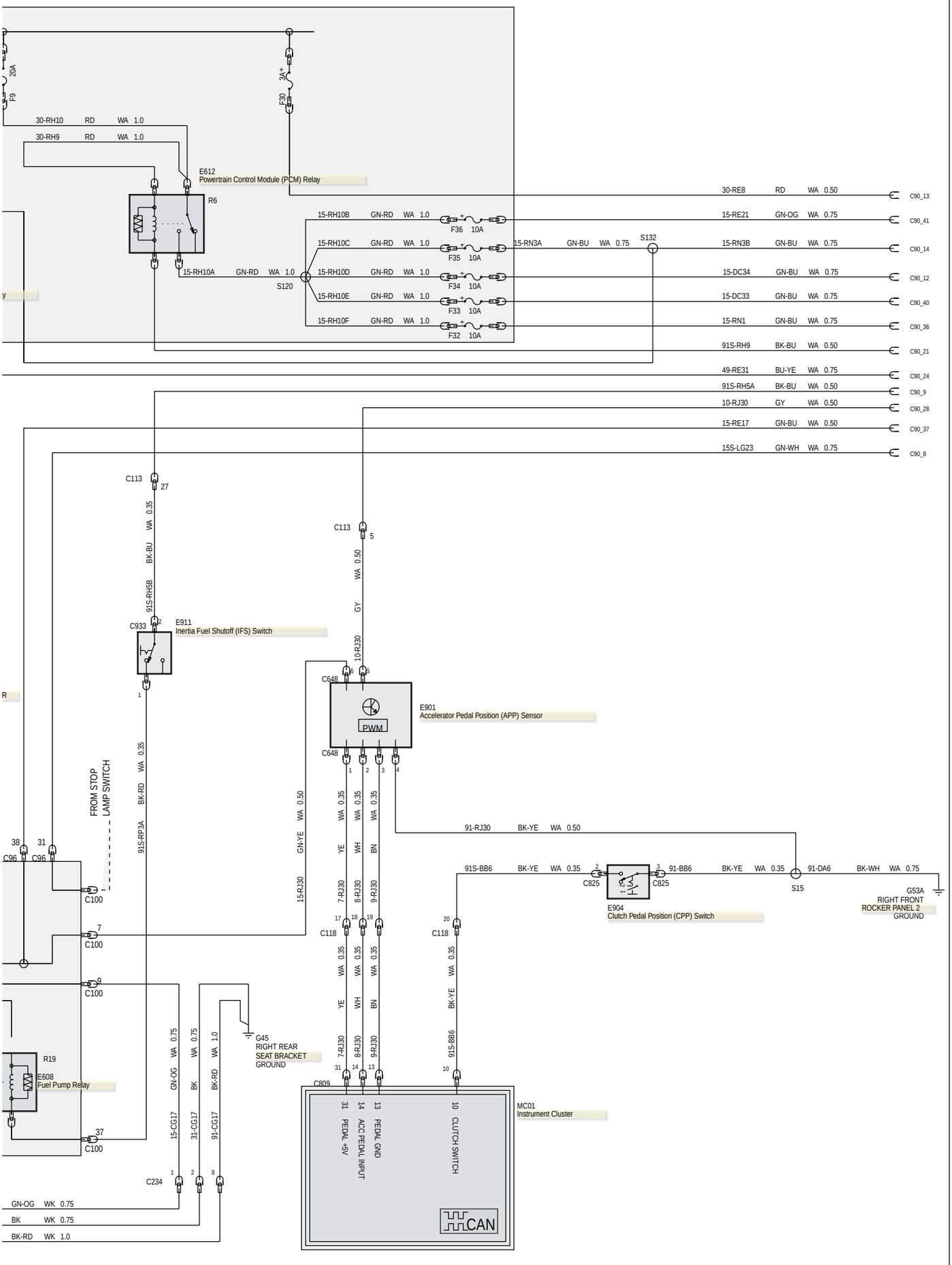
303-14A-23 Engine Control—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD, RHD 4WD



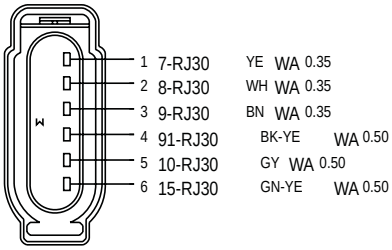
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303-14A-25 Engine Control—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD, RHD 4WD



## Accelerator Pedal Position (APP) Sensor (G1235975)

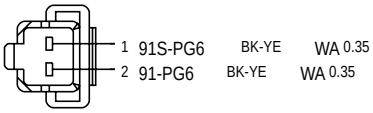



3M5T-14A464-GFA

C648
TO ACCELARATION PEDAL POSITION SENSOR

HARNESS 14014

## Brake Pedal Position (BPP) Switch (G1235976)

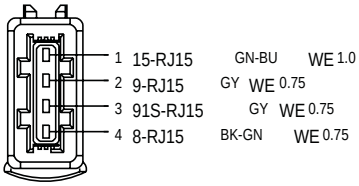



F5LB-14489-BA

C824
TO BRAKE PEDAL SWITCH

HARNESS 14014

## Catalyst Monitor Sensor (G1230361)

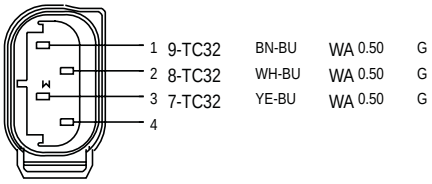



6M5T-14A464-GUA

C936
TO HEATED OXYGEN SENSOR REAR

HARNESS 12A690

## Clutch Pedal Position (CPP) Switch (G1235977)

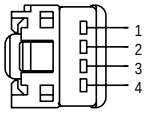



1S7T-14A464-BA

C875
TO ANALOG CLUTCH PEDAL SENSOR

HARNESS 14K733

## Clutch Pedal Position (CPP) Switch (G1235978)




1L2T-14489-GB

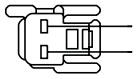
C825

TO CLUTCH PEDAL SWITCH

HARNESS 14014

## Clutch Pedal Position (CPP) Switch (G1235979)

PIN 1 => 91S-AB6B BK-RD 0.35 WA + 91S-AB1 BK-BU 0.35 WA
PIN 1 => 91S-AB1 BK-BU 0.35 WA



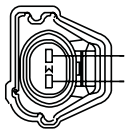

4S7T-14489-VAA

C863

TO BOTTOM CLUTCH PEDAL SWITCH

HARNESS 14014

## Crankshaft Position (CKP) Sensor (G1240688)



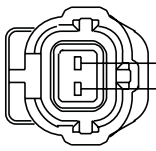

6M5T-14A464-RBA

C643

TO FLY WHEEL SENSOR

HARNESS 12A690

## Engine Coolant Temperature (ECT) Sensor (G1230362)



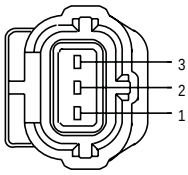

6M5T-14A464-RCA

C926

TO COOLANT TEMP SENSOR

HARNESS 12A690

## Exhaust Camshaft Position (CMP) Sensor (G1230363)



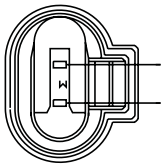
| | | | | | |
|---|---|---|---|---|---|
| 3 | 8-RJ2 | WH-BK | R2 | 0.50 | |
| 2 | 9-RJ2 | BN-YE | R2 | 0.50 | |
| 1 | 7-RJ2 | YE-BK | R2 | 0.50 | |

2W9T-14A464-SA

C804
TO CAMSHAFT EXHAUST SENSOR

HARNESS 12A690

## Exhaust Variable Valve Timing (VVT) Oil Control Solenoid (G1230364)



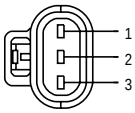
| | | | | | |
|---|---|---|---|---|---|
| 2 | 91S-RL26 | BK-WH | R2 | 0.75 | |
| 1 | 15-RL26 | GN-BU | R2 | 0.75 | |

6M5T-14A464-ABA

C588
TO WT2 OUTLET CAM

HARNESS 12A690

## Fuel Rail Pressure (FRP) Sensor (G1235980)



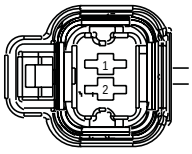
| | | | | | |
|---|---|---|---|---|---|
| 1 | 8-RJ11 | WH-GN | WK | 0.50 | G |
| 2 | 9-RJ11 | BN-GN | WK | 0.50 | G |
| 3 | 7-RJ11 | YE-GN | WK | 0.50 | G |

6M5T-14A464-CCA

C586
TO FUEL RAIL PRESSURE SENSOR

HARNESS 12A690

## Fuel Rail Temperature Sensor (G1235981)



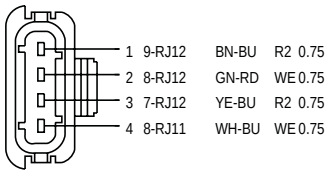
| | | | | | |
|---|---|---|---|---|---|
| 1 | 8-RJ12 | WH-BU | WK | 0.50 | G |
| 2 | 9-RJ12 | BN-BU | WK | 0.50 | G |

4M5T-14A464-KMA

C785
TO FUEL TEMP SENSOR

HARNESS 12A690

## Fuel Rail Pressure and Temperature Sensor (G1313503)

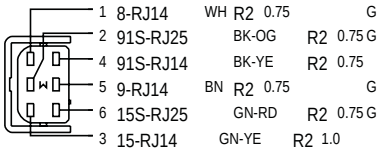



1L2T-14A464-XA

C847
TO FUEL PRESSURE & TEMPERATURE SENSOR

HARNESS 12A690

## Heated Oxygen Sensor (HO2S) (G1230365)

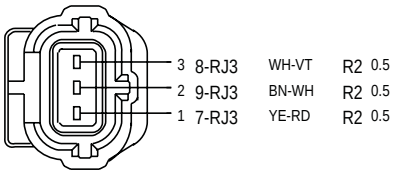



2S7T-14A464-FA

C935
TO HEATED OXYGEN SENSOR FRONT

HARNESS 12A690

## Intake Camshaft Position (CMP) Sensor (G1246049)

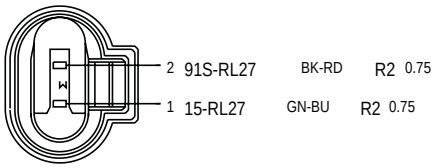



2W9T-14A464-SA

C803
TO CAMSHAFT INLET SENSOR

HARNESS 12A690

## Intake Variable Valve Timing (VVT) Oil Control Solenoid (G1230366)

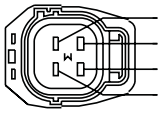



1X4T-14A464-UA

C587
TO WT1 INLET CAM

HARNESS 12A690

Knock Sensor (KS) (G1240689)



| | | | | |
|---|---|---|---|---|
| 4 | 9-RJ19 | BN-RD | R2 | 0.75 |
| 2 | 9-RJ18 | BN-YE | R2 | 0.75 |
| 1 | 8-RJ18 | WH-BK | R2 | 0.75 |
| 3 | 8-RJ19 | WH-RD | R2 | 0.75 |

98AG-14A464-YDB

C644
TO ENGINE KNOCK SENSOR

HARNESS 12A690

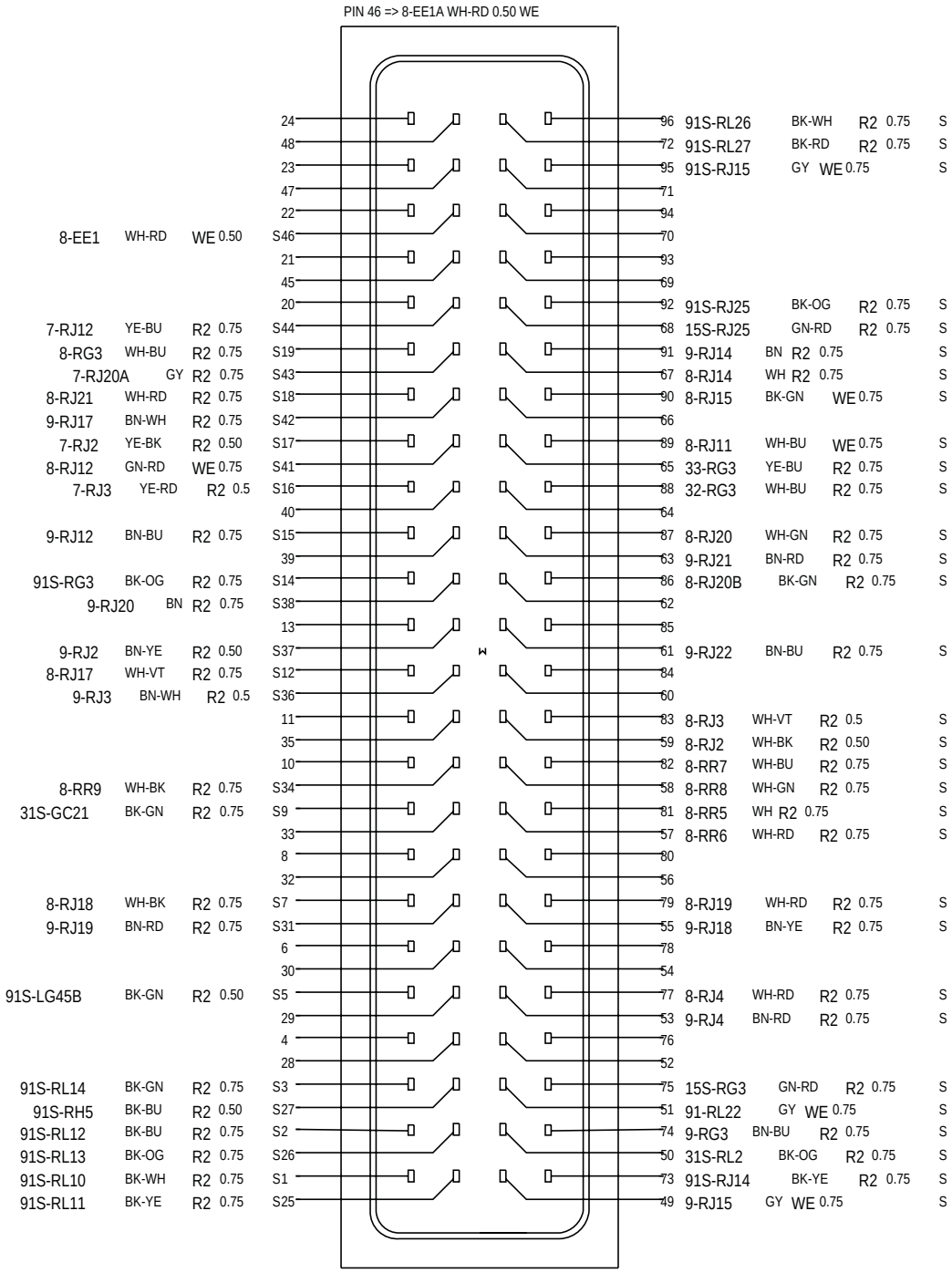
Manifold Absolute Pressure and Temperature (MAPT) Sensor (G1230367)

IMAGE NOT AVAILABLE

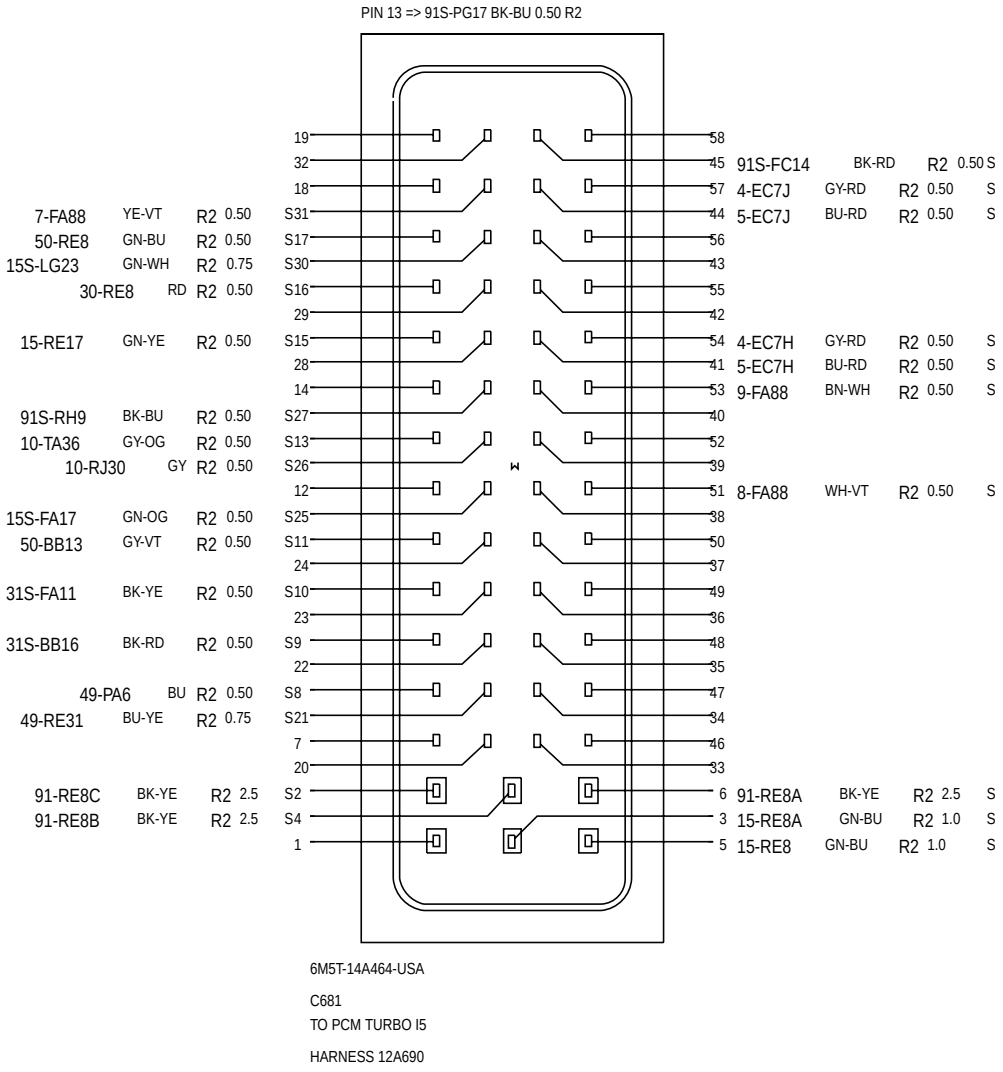
Mass Air Flow (MAF) Sensor (G1235982)

IMAGE NOT AVAILABLE

## Powertrain Control Module (PCM) (G1235983)



## Powertrain Control Module (PCM) (G1240690)




6M5T-14A464-USA

C681
TO PCM TURBO I5

HARNESS 12A690

# SECTION 303-14B Electronic Engine Controls — 2.0L

**Duratorq-TDCi (100kW/136PS) - DW, Emission Requirements: Stage IV**

## VEHICLE APPLICATION: 2011.0 Kuga

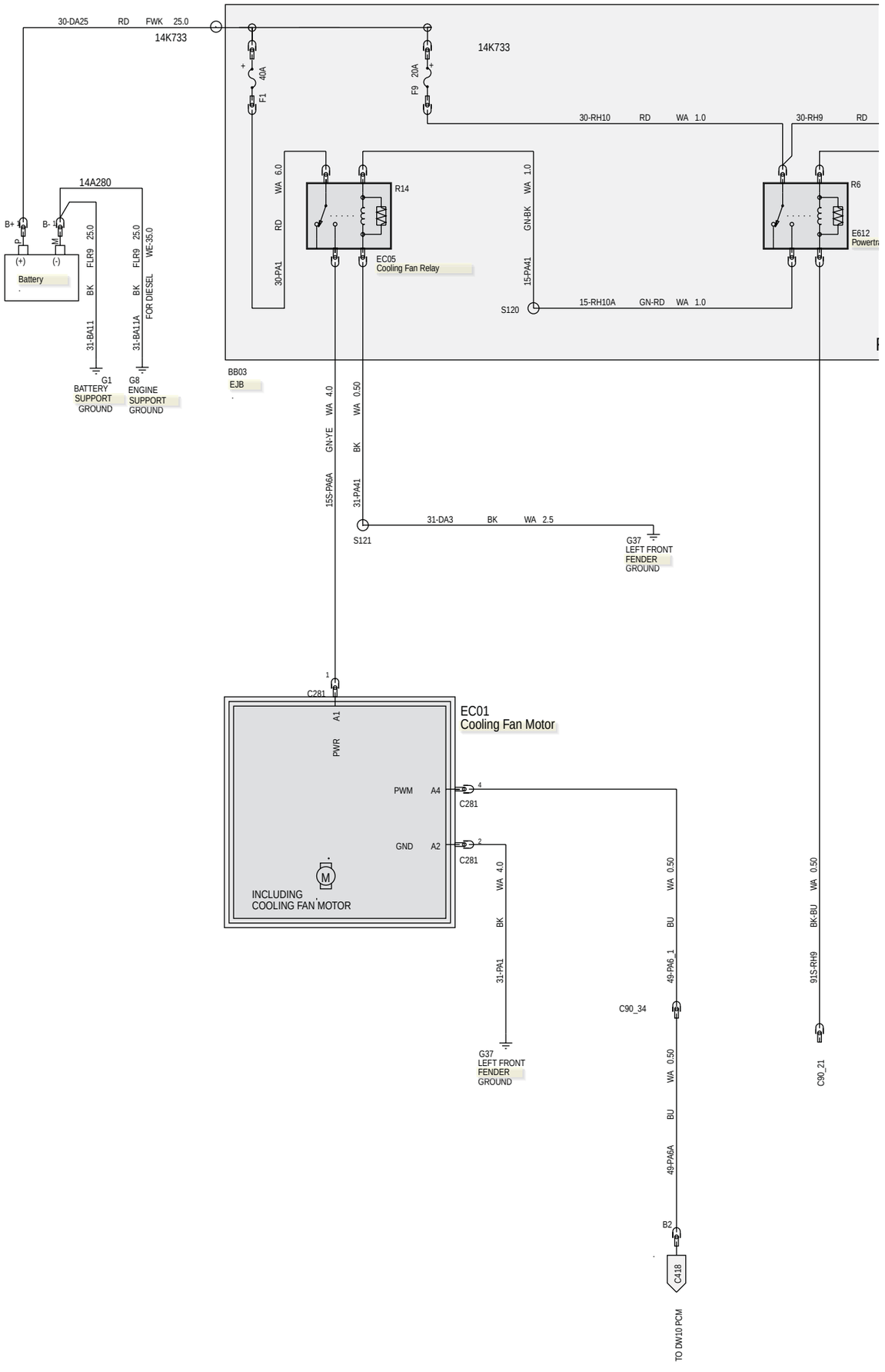
CONTENTS PAGE

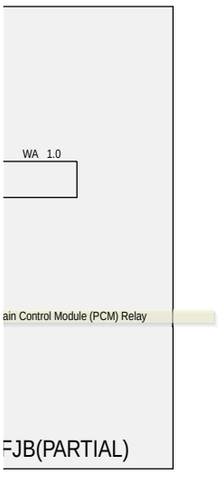
### ELECTRICAL SCHEMATICS

Engine Control — LHD 4WD/LHD FWD..... 303-14B-2
Engine Control — RHD 4WD/RHD FWD..... 303-14B-8

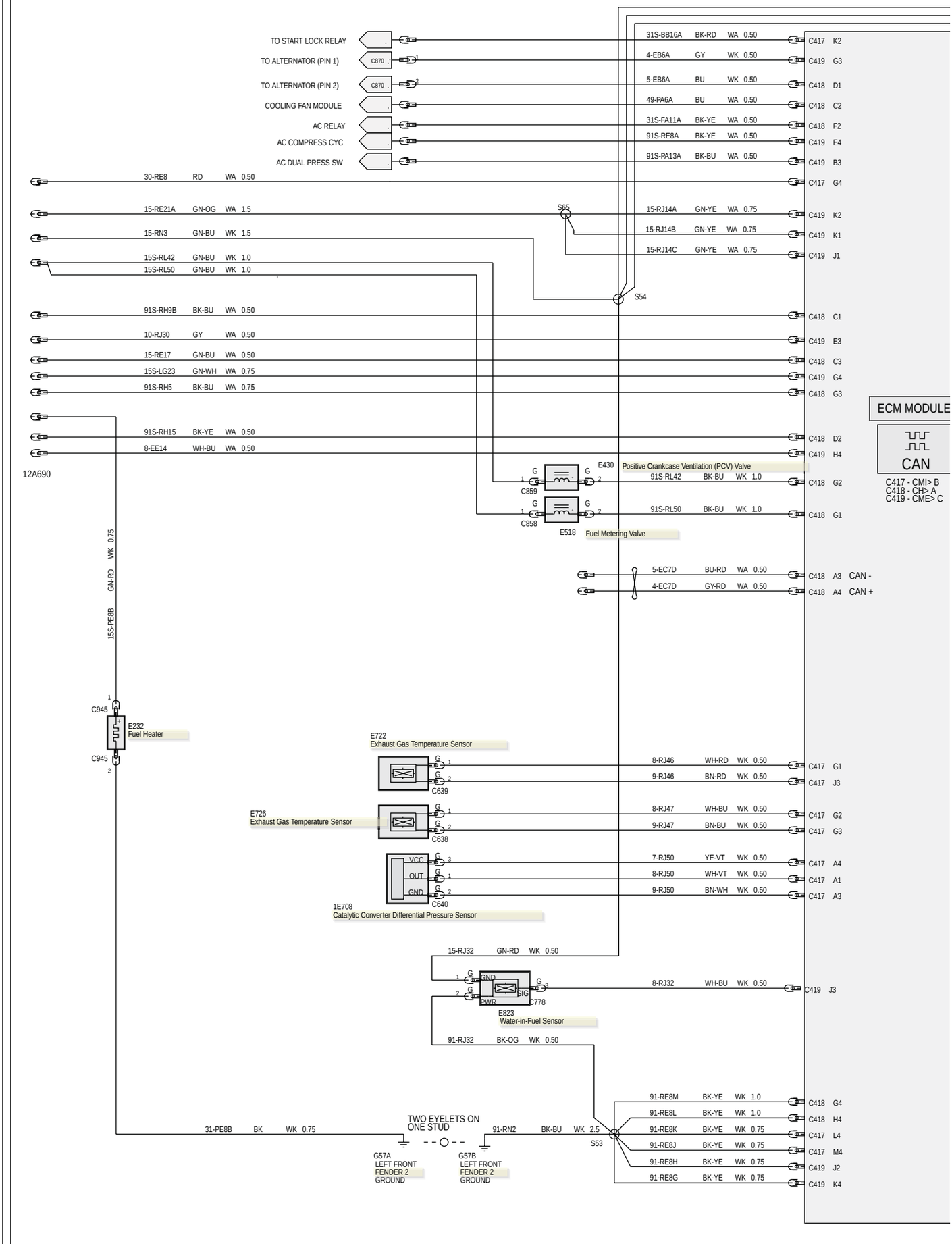
### ELECTRICAL CONNECTORS

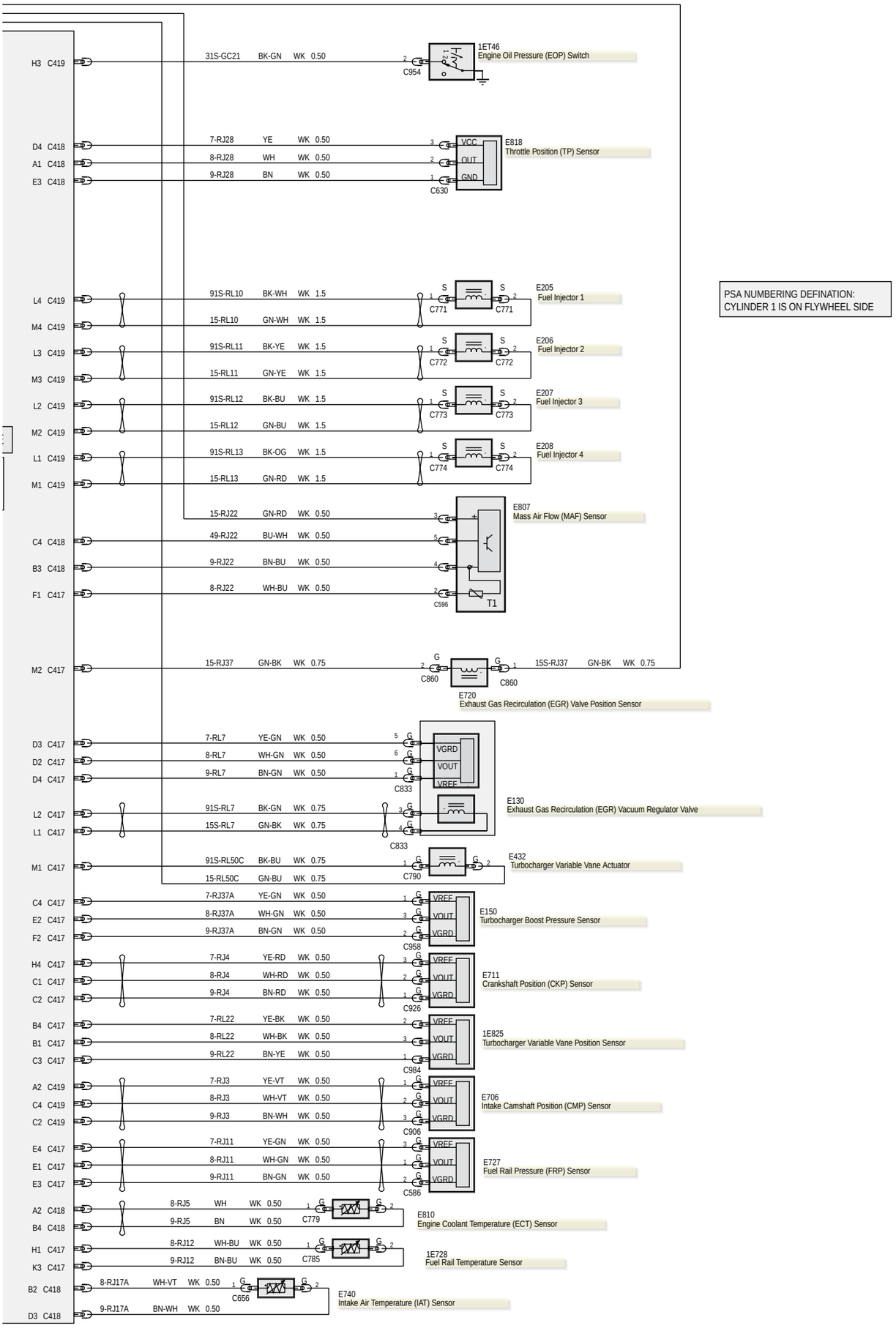
Accelerator Pedal Position (APP) Sensor..... 303-14B-14
Brake Pedal Position (BPP) Switch..... 303-14B-14
Catalytic Converter Differential Pressure Sensor..... 303-14B-14
Clutch Pedal Position (CPP) Switch..... 303-14B-14
Clutch Pedal Position (CPP) Switch..... 303-14B-155
Clutch Pedal Position (CPP) Switch..... 303-14B-15
Engine Coolant Temperature (ECT) Sensor..... 303-14B-15
Engine Oil Pressure (EOP) Switch..... 303-14B-16
Exhaust Gas Temperature Sensor..... 303-14B-16
Exhaust Gas Temperature Sensor..... 303-14B-16
Fuel Rail Pressure (FRP) Sensor..... 303-14B-16
Fuel Rail Temperature Sensor..... 303-14B-17
Intake Air Temperature (IAT) Sensor..... 303-14B-17
Intake Camshaft Position (CMP) Sensor..... 303-14B-17
Mass Air Flow (MAF) Sensor..... 303-14B-17
Mass Air Flow (MAF) Sensor..... 303-14B-18
Powertrain Control Module (PCM)..... 303-14B-18
Powertrain Control Module (PCM)..... 303-14B-19
Powertrain Control Module (PCM)..... 303-14B-19
Powertrain Control Module (PCM)..... 303-14B-20
Powertrain Control Module (PCM)..... 303-14B-21
Powertrain Control Module (PCM) Relay..... 303-14B-22
Throttle Position (TP) Sensor..... 303-14B-22
Turbocharger Boost Pressure Sensor..... 303-14B-22


30-DA25 RD FWK 25.0
14K733
14K733
F1 40A
F9 20A
30-RH10 RD WA 1.0
30-RH9 RD
14A280
B+ 1
B- 2
P
M
(+)
(-)
Battery
FLR9 25.0
BK
31-BA11
FLR9 25.0
BK
31-BA11A
WE-35.0
FOR DIESEL
G1
BATTERY SUPPORT GROUND
G8
ENGINE SUPPORT GROUND
WA 6.0
RD
30-PA1
R14
EC05
Cooling Fan Relay
GN-BK WA 1.0
15-PA41
S120
15-RH10A GN-RD WA 1.0
R6
E612
Powertra
BB03
EJB
GN-YE WA 4.0
15S-PA6A
BK WA 0.50
31-PA41
S121
31-DA3 BK WA 2.5
G37
LEFT FRONT FENDER GROUND
C281
EC01
Cooling Fan Motor
A1
PWR
PWM A4
GND A2
C281
C281
INCLUDING
COOLING FAN MOTOR
WA 4.0
BK
31-PA1
G37
LEFT FRONT FENDER GROUND
C90_34
WA 0.50
BU
49-PA6_1
WA 0.50
BU
49-PA6A
B2
C418
TO DW10 PCM
BK-BU WA 0.50
91S-RH9
C90_21

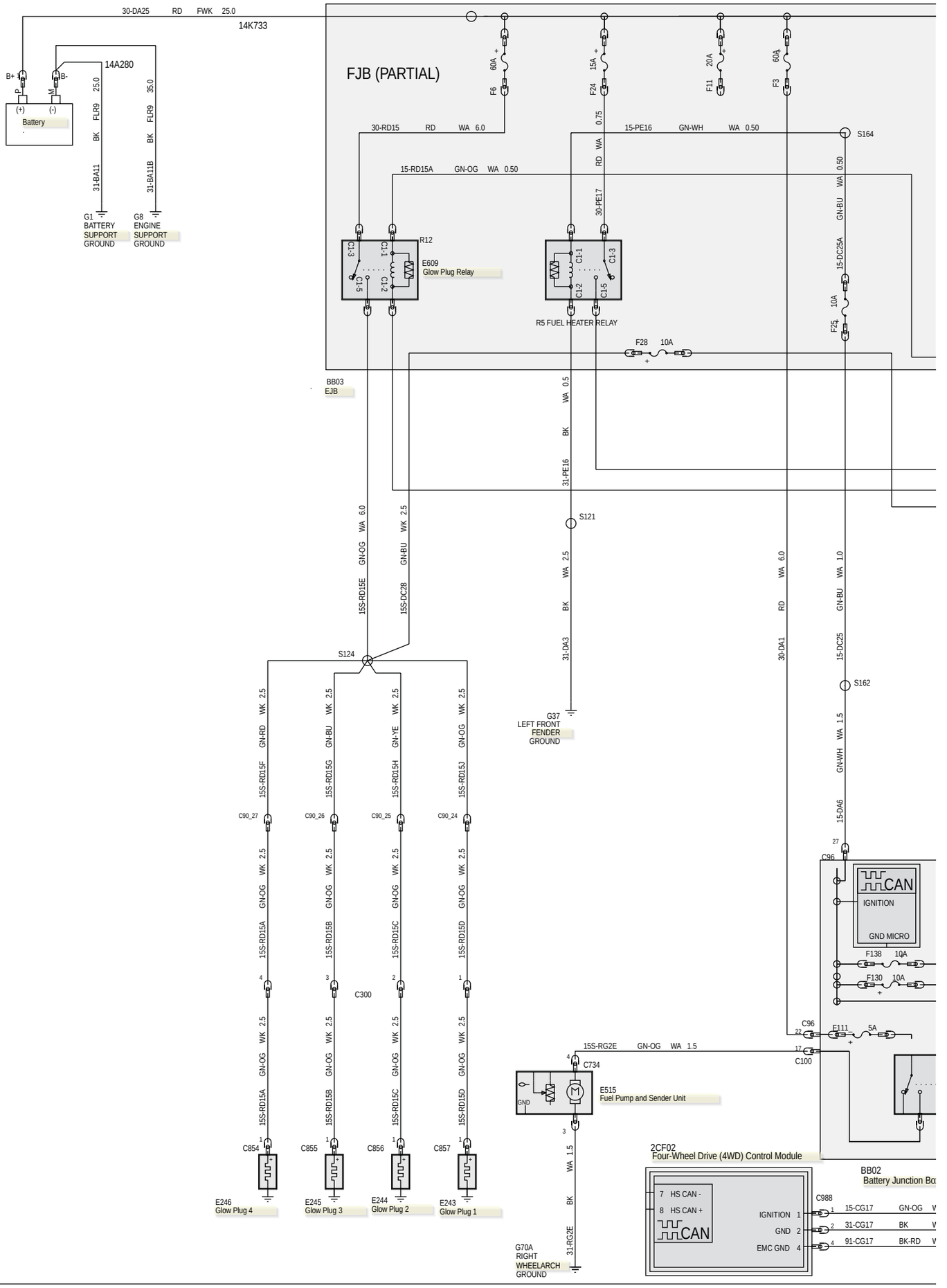

WA 1.0
ain Control Module (PCM) Relay
FJB(PARTIAL)

303-14B-4 Engine Control—LHD 4WD/LHD FWD

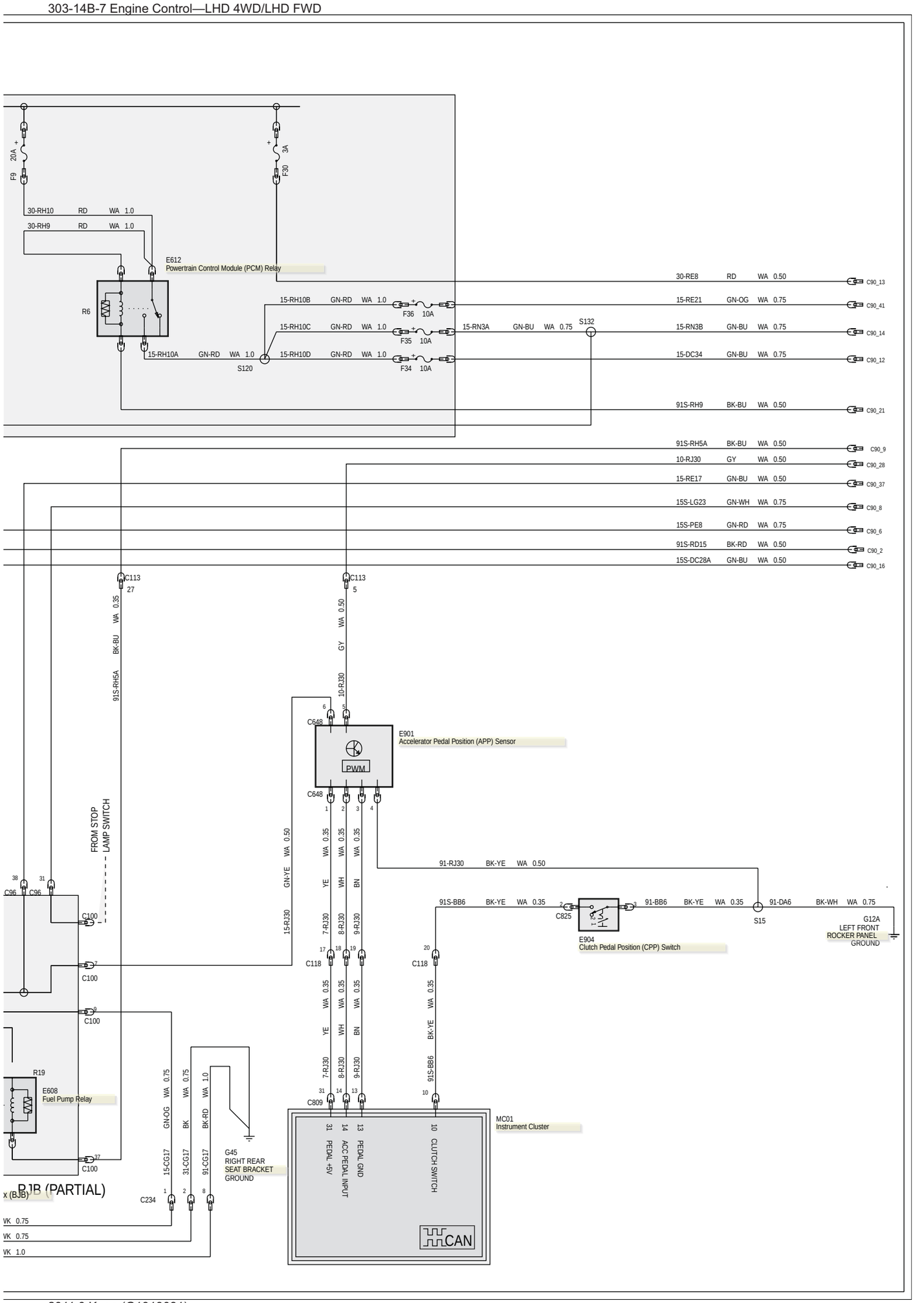


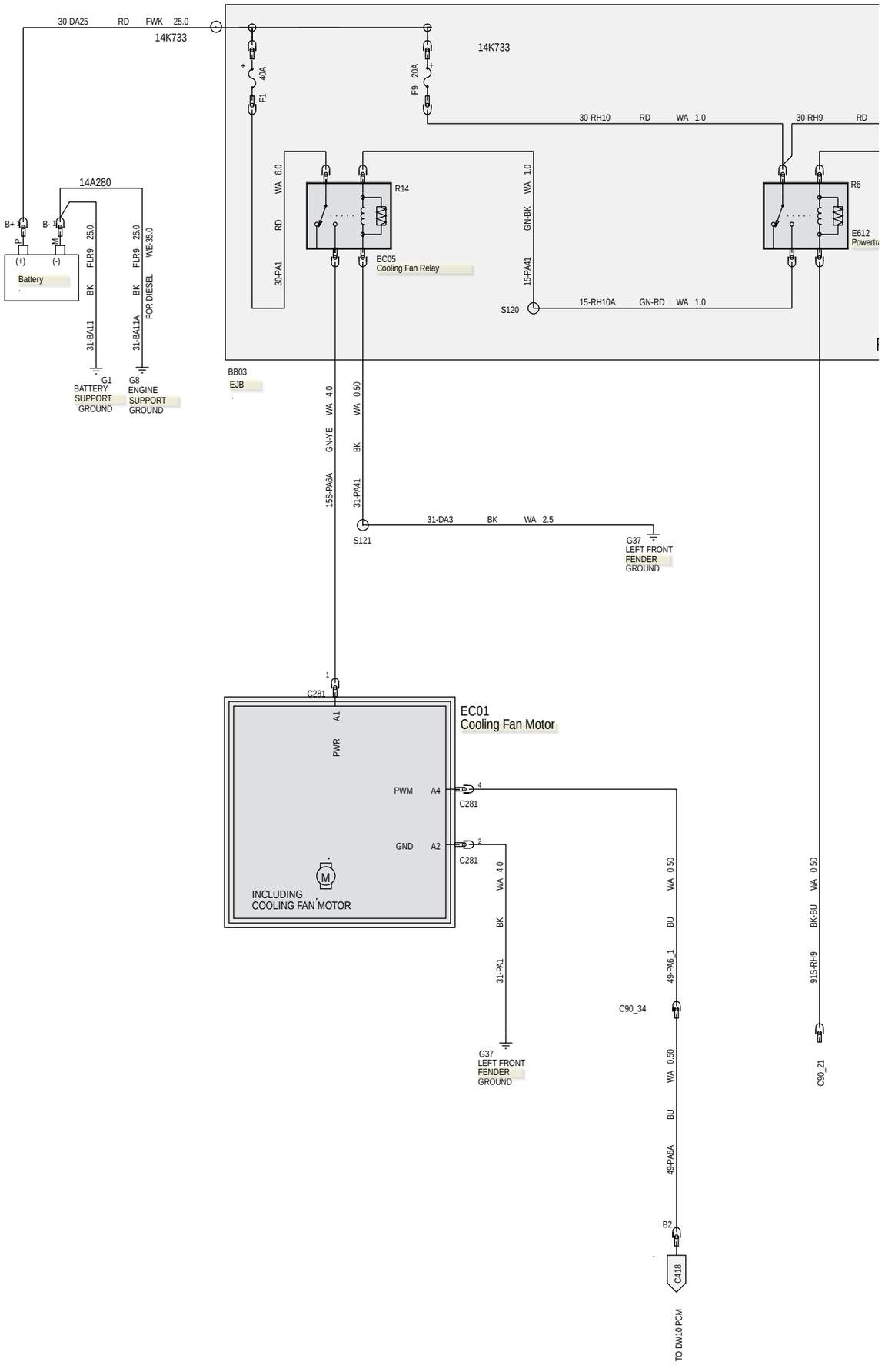

H3 C419
31S-GC21 BK-GN WK 0.50
C954
1ET46
Engine Oil Pressure (EOP) Switch
D4 C418
A1 C418
E3 C418
7-RJ28 YE WK 0.50
8-RJ28 WH WK 0.50
9-RJ28 BN WK 0.50
VCC
OUT
GND
C630
E818
Throttle Position (TP) Sensor
L4 C419
M4 C419
L3 C419
M3 C419
L2 C419
M2 C419
L1 C419
M1 C419
91S-RL10 BK-WH WK 1.5
15-RL10 GN-WH WK 1.5
91S-RL11 BK-YE WK 1.5
15-RL11 GN-YE WK 1.5
91S-RL12 BK-BU WK 1.5
15-RL12 GN-BU WK 1.5
91S-RL13 BK-OG WK 1.5
15-RL13 GN-RD WK 1.5
C771
C772
C773
C774
E205
Fuel Injector 1
E206
Fuel Injector 2
E207
Fuel Injector 3
E208
Fuel Injector 4
PSA NUMBERING DEFINATION:
CYLINDER 1 IS ON FLYWHEEL SIDE
15-RJ22 GN-RD WK 0.50
49-RJ22 BU-WH WK 0.50
9-RJ22 BN-BU WK 0.50
8-RJ22 WH-BU WK 0.50
C596
T1
E807
Mass Air Flow (MAF) Sensor
M2 C417
15-RJ37 GN-BK WK 0.75
C860
15S-RJ37 GN-BK WK 0.75
E720
Exhaust Gas Recirculation (EGR) Valve Position Sensor
D3 C417
D2 C417
D4 C417
7-RL7 YE-GN WK 0.50
8-RL7 WH-GN WK 0.50
9-RL7 BN-GN WK 0.50
VGRD
VOUT
VREF
C833
L2 C417
L1 C417
91S-RL7 BK-GN WK 0.75
15S-RL7 GN-BK WK 0.75
E130
Exhaust Gas Recirculation (EGR) Vacuum Regulator Valve
M1 C417
91S-RL50C BK-BU WK 0.75
15-RL50C GN-BU WK 0.75
C790
E432
Turbocharger Variable Vane Actuator
C4 C417
E2 C417
F2 C417
7-RJ37A YE-GN WK 0.50
8-RJ37A WH-GN WK 0.50
9-RJ37A BN-GN WK 0.50
C958
E150
Turbocharger Boost Pressure Sensor
H4 C417
C1 C417
C2 C417
7-RJ4 YE-RD WK 0.50
8-RJ4 WH-RD WK 0.50
9-RJ4 BN-RD WK 0.50
C926
E711
Crankshaft Position (CKP) Sensor
B4 C417
B1 C417
C3 C417
7-RL22 YE-BK WK 0.50
8-RL22 WH-BK WK 0.50
9-RL22 BN-YE WK 0.50
C984
1E825
Turbocharger Variable Vane Position Sensor
A2 C419
C4 C419
C2 C419
7-RJ3 YE-VT WK 0.50
8-RJ3 WH-VT WK 0.50
9-RJ3 BN-WH WK 0.50
C906
E706
Intake Camshaft Position (CMP) Sensor
E4 C417
E1 C417
E3 C417
7-RJ11 YE-GN WK 0.50
8-RJ11 WH-GN WK 0.50
9-RJ11 BN-GN WK 0.50
C586
E727
Fuel Rail Pressure (FRP) Sensor
A2 C418
B4 C418
8-RJ5 WH WK 0.50
9-RJ5 BN WK 0.50
C779
E810
Engine Coolant Temperature (ECT) Sensor
H1 C417
K3 C417
8-RJ12 WH-BU WK 0.50
9-RJ12 BN-BU WK 0.50
C785
1E728
Fuel Rail Temperature Sensor
B2 C418
D3 C418
8-RJ17A WH-VT WK 0.50
9-RJ17A BN-WH WK 0.50
C656
E740
Intake Air Temperature (IAT) Sensor

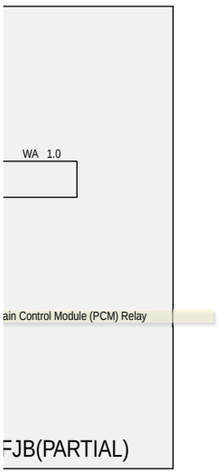
303-14B-6 Engine Control—LHD 4WD/LHD FWD



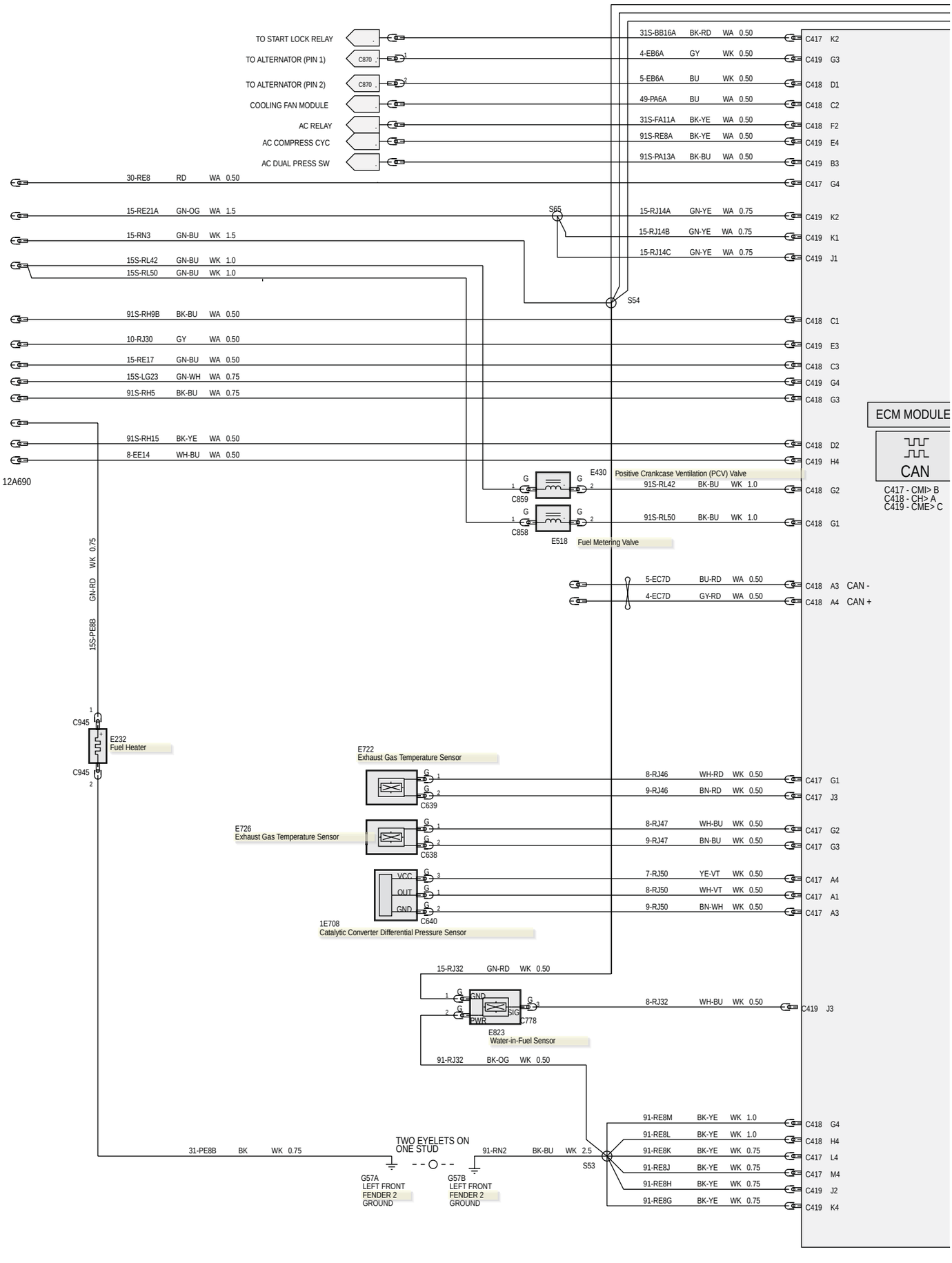
303-14B-7 Engine Control—LHD 4WD/LHD FWD

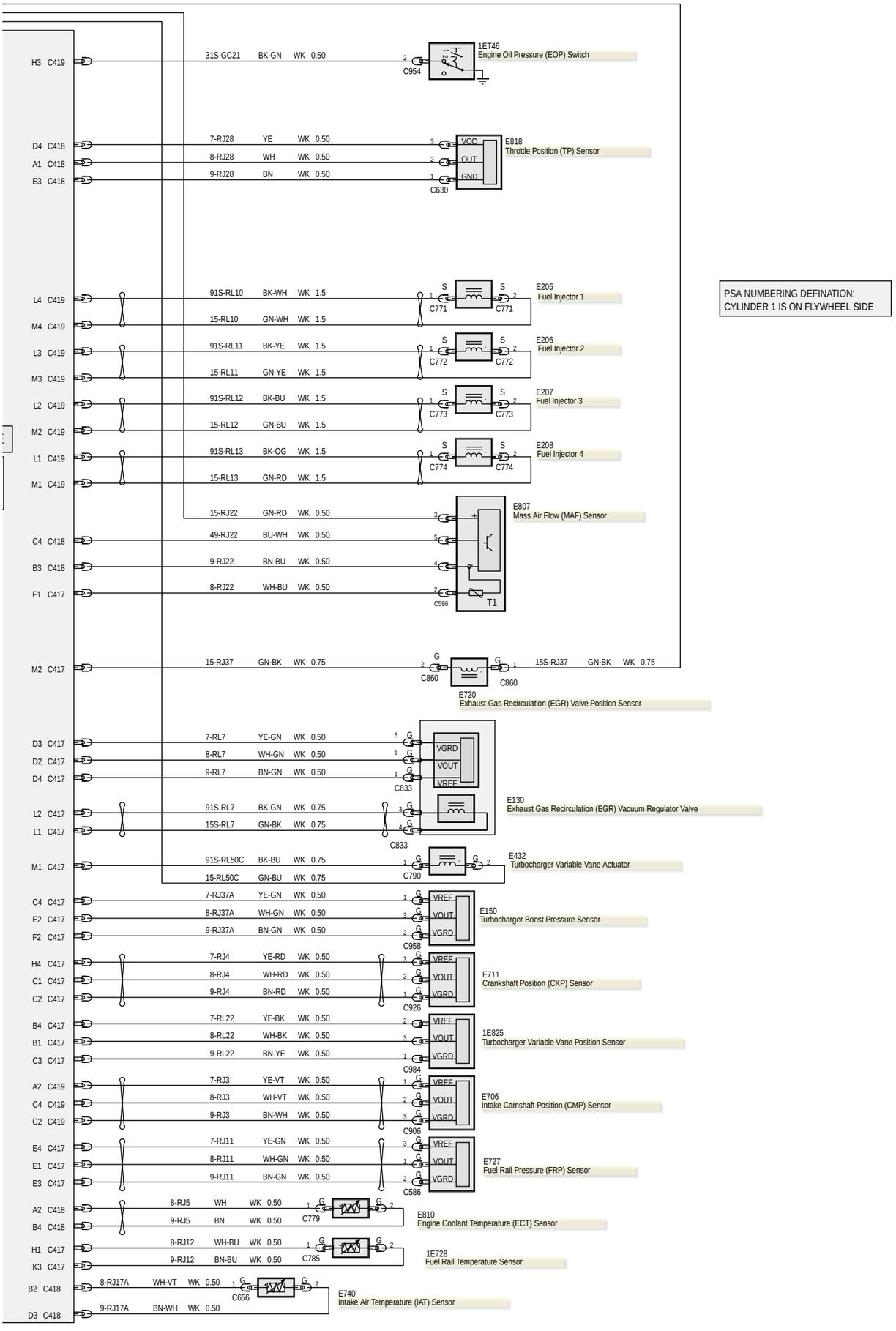



30-DA25 RD FWK 25.0
14K733
14K733
F1 40A
F9 20A
30-RH10 RD WA 1.0
30-RH9 RD
14A280
B+ 1
B- 1
P
M
(+)
(-)
Battery
FLR9 25.0
BK
31-BA11
FLR9 25.0
BK
31-BA11A
WE-35.0
FOR DIESEL
G1
BATTERY SUPPORT GROUND
G8
ENGINE SUPPORT GROUND
WA 6.0
RD
30-PA1
R14
EC05
Cooling Fan Relay
GN-BK WA 1.0
15-PA41
S120
15-RH10A GN-RD WA 1.0
R6
E612
Powertra
BB03
EJB
GN-YE WA 4.0
15S-PA6A
BK WA 0.50
31-PA41
S121
31-DA3 BK WA 2.5
G37
LEFT FRONT FENDER GROUND
C281
EC01
Cooling Fan Motor
A1
PWR
PWM A4
GND A2
C281
C281
INCLUDING
COOLING FAN MOTOR
WA 4.0
BK
31-PA1
G37
LEFT FRONT FENDER GROUND
C90_34
WA 0.50
BU
49-PA6_1
WA 0.50
BU
49-PA6A
B2
C418
TO DW10 PCM
BK-BU WA 0.50
91S-RH9
C90_21

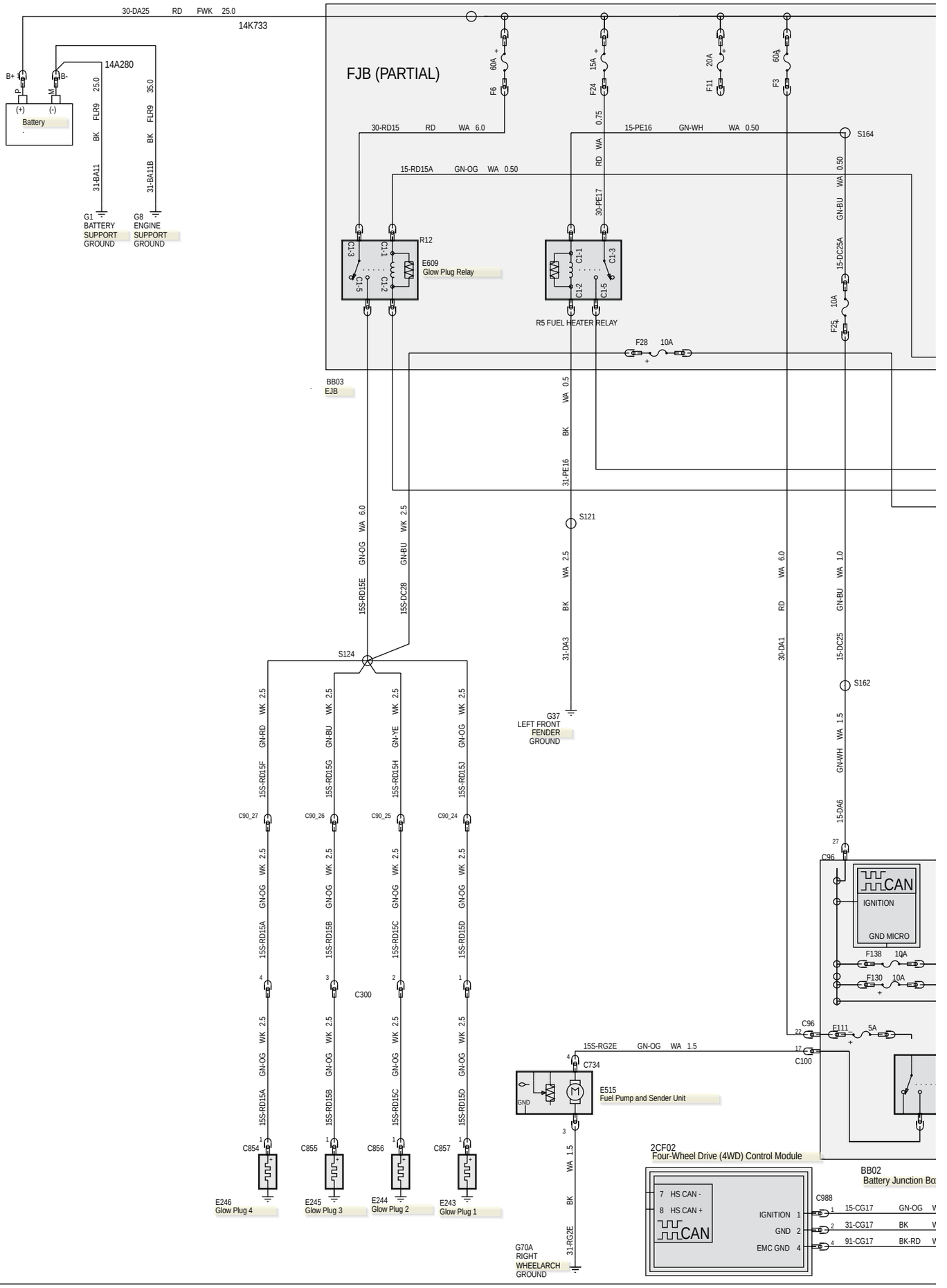

WA 1.0
ain Control Module (PCM) Relay
FJB(PARTIAL)

303-14B-10 Engine Control—RHD 4WD/RHD FWD

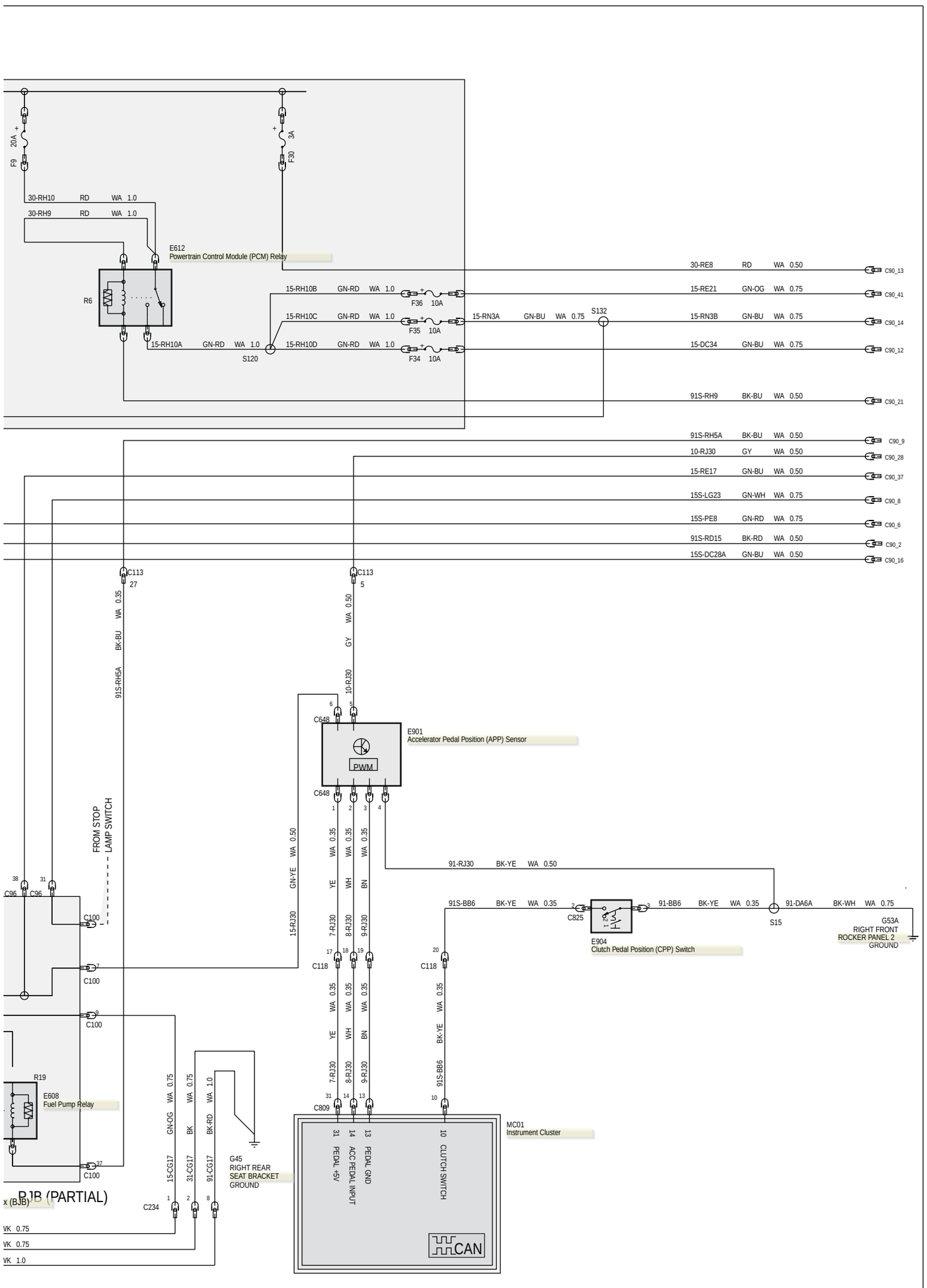



H3 C419
31S-GC21 BK-GN WK 0.50
C954
1ET46
Engine Oil Pressure (EOP) Switch
D4 C418
A1 C418
E3 C418
7-RJ28 YE WK 0.50
8-RJ28 WH WK 0.50
9-RJ28 BN WK 0.50
VCC
OUT
GND
C630
E818
Throttle Position (TP) Sensor
L4 C419
M4 C419
L3 C419
M3 C419
L2 C419
M2 C419
L1 C419
M1 C419
91S-RL10 BK-WH WK 1.5
15-RL10 GN-WH WK 1.5
91S-RL11 BK-YE WK 1.5
15-RL11 GN-YE WK 1.5
91S-RL12 BK-BU WK 1.5
15-RL12 GN-BU WK 1.5
91S-RL13 BK-OG WK 1.5
15-RL13 GN-RD WK 1.5
C771
C772
C773
C774
E205
Fuel Injector 1
E206
Fuel Injector 2
E207
Fuel Injector 3
E208
Fuel Injector 4
PSA NUMBERING DEFINATION:
CYLINDER 1 IS ON FLYWHEEL SIDE
15-RJ22 GN-RD WK 0.50
49-RJ22 BU-WH WK 0.50
9-RJ22 BN-BU WK 0.50
8-RJ22 WH-BU WK 0.50
C596
T1
E807
Mass Air Flow (MAF) Sensor
M2 C417
15-RJ37 GN-BK WK 0.75
C860
E720
Exhaust Gas Recirculation (EGR) Valve Position Sensor
D3 C417
D2 C417
D4 C417
7-RL7 YE-GN WK 0.50
8-RL7 WH-GN WK 0.50
9-RL7 BN-GN WK 0.50
VGRD
VOUT
VREF
C833
L2 C417
L1 C417
91S-RL7 BK-GN WK 0.75
15S-RL7 GN-BK WK 0.75
E130
Exhaust Gas Recirculation (EGR) Vacuum Regulator Valve
M1 C417
91S-RL50C BK-BU WK 0.75
15-RL50C GN-BU WK 0.75
C790
E432
Turbocharger Variable Vane Actuator
C4 C417
E2 C417
F2 C417
7-RJ37A YE-GN WK 0.50
8-RJ37A WH-GN WK 0.50
9-RJ37A BN-GN WK 0.50
C958
E150
Turbocharger Boost Pressure Sensor
H4 C417
C1 C417
C2 C417
7-RJ4 YE-RD WK 0.50
8-RJ4 WH-RD WK 0.50
9-RJ4 BN-RD WK 0.50
C926
E711
Crankshaft Position (CKP) Sensor
B4 C417
B1 C417
C3 C417
7-RL22 YE-BK WK 0.50
8-RL22 WH-BK WK 0.50
9-RL22 BN-YE WK 0.50
C984
1E825
Turbocharger Variable Vane Position Sensor
A2 C419
C4 C419
C2 C419
7-RJ3 YE-VT WK 0.50
8-RJ3 WH-VT WK 0.50
9-RJ3 BN-WH WK 0.50
C906
E706
Intake Camshaft Position (CMP) Sensor
E4 C417
E1 C417
E3 C417
7-RJ11 YE-GN WK 0.50
8-RJ11 WH-GN WK 0.50
9-RJ11 BN-GN WK 0.50
C586
E727
Fuel Rail Pressure (FRP) Sensor
A2 C418
B4 C418
8-RJ5 WH WK 0.50
9-RJ5 BN WK 0.50
C779
E810
Engine Coolant Temperature (ECT) Sensor
H1 C417
K3 C417
8-RJ12 WH-BU WK 0.50
9-RJ12 BN-BU WK 0.50
C785
1E728
Fuel Rail Temperature Sensor
B2 C418
D3 C418
8-RJ17A WH-VT WK 0.50
9-RJ17A BN-WH WK 0.50
C656
E740
Intake Air Temperature (IAT) Sensor

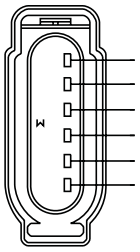
303-14B-12 Engine Control—RHD 4WD/RHD FWD



303-14B-13 Engine Control—RHD 4WD/RHD FWD



## Accelerator Pedal Position (APP) Sensor (G1235975)



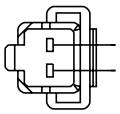
| | | | | | |
|---|---|---|---|---|---|
| 1 | 7-RJ30 | YE | WA | 0.35 | |
| 2 | 8-RJ30 | WH | WA | 0.35 | |
| 3 | 9-RJ30 | BN | WA | 0.35 | |
| 4 | 91-RJ30 | BK-YE | WA | 0.50 | |
| 5 | 10-RJ30 | GY | WA | 0.50 | |
| 6 | 15-RJ30 | GN-YE | WA | 0.50 | |

3M5T-14A464-GFA

C648
TO ACCELARATION PEDAL POSITION SENSOR

HARNESS 14014

## Brake Pedal Position (BPP) Switch (G1235976)



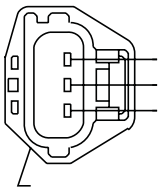
| | | | | |
|---|---|---|---|---|
| 1 | 91S-PG6 | BK-YE | WA | 0.35 |
| 2 | 91-PG6 | BK-YE | WA | 0.35 |

F5LB-14489-BA

C824
TO BRAKE PEDAL SWITCH

HARNESS 14014

## Catalytic Converter Differential Pressure Sensor (G1230381)



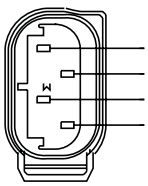
| | | | | | |
|---|---|---|---|---|---|
| 3 | 7-RJ50 | YE-VT | WK | 0.50 | G |
| 2 | 9-RJ50 | BN-WH | WK | 0.50 | G |
| 1 | 8-RJ50 | WH-VT | WK | 0.50 | G |

XW4T-14A464-FB

C640
TO DIFFERENTIAL PRESS SENSOR

HARNESS 12A690

## Clutch Pedal Position (CPP) Switch (G1235977)



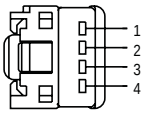
| | | | | | |
|---|---|---|---|---|---|
| 1 | 9-TC32 | BN-BU | WA | 0.50 | G |
| 2 | 8-TC32 | WH-BU | WA | 0.50 | G |
| 3 | 7-TC32 | YE-BU | WA | 0.50 | G |
| 4 | | | | | |

1S7T-14A464-BA

C875
TO ANALOG CLUTCH PEDAL SENSOR

HARNESS 14K733

## Clutch Pedal Position (CPP) Switch (G1235978)




2 91S-BB6 BK-YE WA 0.35
3 91-BB6 BK-YE WA 0.35

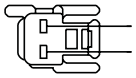
1L2T-14489-GB

C825
TO CLUTCH PEDAL SWITCH

HARNESS 14014

## Clutch Pedal Position (CPP) Switch (G1235979)

PIN 1 => 91S-AB6B BK-RD 0.35 WA + 91S-AB1 BK-BU 0.35 WA
PIN 1 => 91S-AB1 BK-BU 0.35 WA



2 91-AB6 BK-RD WA 0.35
1 31S-AB6 BK-RD WA 0.35 + 91S-AB1 BK-BU WA 0.35

4S7T-14489-VAA

C863
TO BOTTOM CLUTCH PEDAL SWITCH

HARNESS 14014

## Engine Coolant Temperature (ECT) Sensor (G1230382)



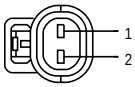
2 9-RJ5 BN WK 0.50 G
1 8-RJ5 WH WK 0.50 G

6M5T-14A464-FBA

C779
TO TO ENGINE COOLING TEMP (GN)

HARNESS 12A690

## Engine Oil Pressure (EOP) Switch (G1230383)



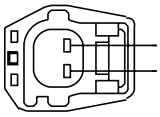
| | | | | | |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | 31S-GC21 | BK-GN | WK | 0.50 | |

6M5T-14A464-HBA

C954
TO TO OIL PRESSURE SWITCH (GY)

HARNESS 12A690

## Exhaust Gas Temperature Sensor (G1230384)



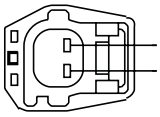
| | | | | | |
|---|---|---|---|---|---|
| 2 | 9-RJ47 | BN-BU | WK | 0.50 | G |
| 1 | 8-RJ47 | WH-BU | WK | 0.50 | G |

XW4T-14A464-EAA

C638
TO POST CAT SENSOR (BK)

HARNESS 12A690

## Exhaust Gas Temperature Sensor (G1230385)



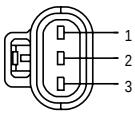
| | | | | | |
|---|---|---|---|---|---|
| 2 | 9-RJ46 | BN-RD | WK | 0.50 | G |
| 1 | 8-RJ46 | WH-RD | WK | 0.50 | G |

XW4T-14A464-EAA

C639
TO PRE CAT SENSOR (BK)

HARNESS 12A690

## Fuel Rail Pressure (FRP) Sensor (G1235980)



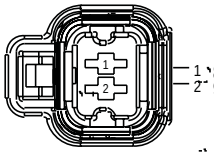
| | | | | | |
|---|---|---|---|---|---|
| 1 | 8-RJ11 | WH-GN | WK | 0.50 | G |
| 2 | 9-RJ11 | BN-GN | WK | 0.50 | G |
| 3 | 7-RJ11 | YE-GN | WK | 0.50 | G |

6M5T-14A464-CCA

C586
TO FUEL RAIL PRESSURE SENSOR

HARNESS 12A690

## Fuel Rail Temperature Sensor (G1235981)



| | | | | | |
|---|---|---|---|---|---|
| 1 | 8-RJ12 | WH-BU | WK | 0.50 | G |
| 2 | 9-RJ12 | BN-BU | WK | 0.50 | G |

4M5T-14A464-KMA

C785
TO FUEL TEMP SENSOR
HARNESS 12A690

## Intake Air Temperature (IAT) Sensor (G1230386)

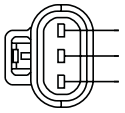


| | | | | | |
|---|---|---|---|---|---|
| 2 | 9-RJ17A | BN-WH | WK | 0.50 | G |
| 1 | 8-RJ17A | WH-VT | WK | 0.50 | G |

6M5T-14A464-FBA

C656
TO TO INTAKE AIR TEMP SENSOR
HARNESS 12A690

## Intake Camshaft Position (CMP) Sensor (G1230387)



| | | | | | |
|---|---|---|---|---|---|
| 1 | 7-RJ3 | YE-VT | WK | 0.50 | G |
| 2 | 8-RJ3 | WH-VT | WK | 0.50 | G |
| 3 | 9-RJ3 | BN-WH | WK | 0.50 | G |

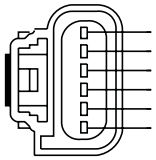
6M5T-14A464-HCA

C906
TO TO CAMSHAFT POSITION SENSOR (WH)
HARNESS 12A690

## Mass Air Flow (MAF) Sensor (G1235982)

IMAGE NOT AVAILABLE

## Mass Air Flow (MAF) Sensor (G1230388)




| | | | | | |
|---|---|---|---|---|---|
| 8-RJ22 | WH-BU | WK 0.50 | | | |
| 15-RJ22 | GN-RD | WK 0.50 | | | |
| 9-RJ22 | BN-BU | WK 0.50 | | | |
| 49-RJ22 | BU-WH | WK 0.50 | | | |

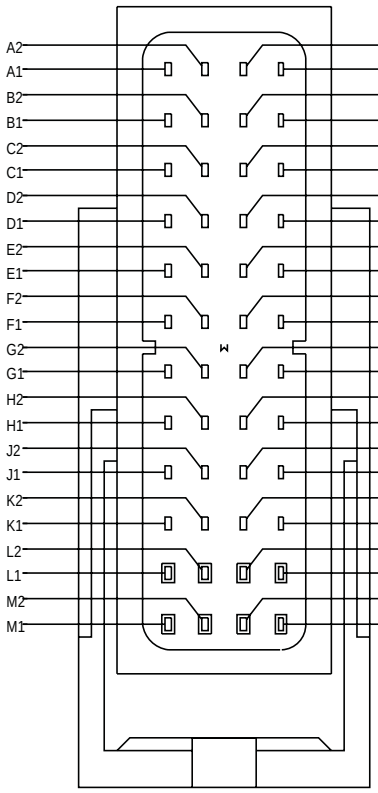
3W4T-14A464-VA(XXX)

C596

TO MAF SENSOR

HARNESS 12A690

## Powertrain Control Module (PCM) (G1230389)



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8-RJ50 | WH-VT | WK 0.50 | A2 | A3 | 9-RJ50 | BN-WH | WK 0.50 |
| | | | A1 | A4 | 7-RJ50 | YE-VT | WK 0.50 |
| | | | B2 | B3 | | | |
| 8-RL22 | WH-BK | WK 0.50 | B1 | B4 | 7-RL22 | YE-BK | WK 0.50 |
| 9-RJ4 | BN-RD | WK 0.50 | C2 | C3 | 9-RL22 | BN-YE | WK 0.50 |
| 8-RJ4 | WH-RD | WK 0.50 | C1 | C4 | 7-RJ37A | YE-GN | WK 0.50 |
| 8-RL7 | WH-GN | WK 0.50 | D2 | D3 | 7-RL7 | YE-GN | WK 0.50 |
| | | | D1 | D4 | 9-RL7 | BN-GN | WK 0.50 |
| 8-RJ37A | WH-GN | WK 0.50 | E2 | E3 | 9-RJ11 | BN-GN | WK 0.50 |
| 8-RJ11 | WH-GN | WK 0.50 | E1 | E4 | 7-RJ11 | YE-GN | WK 0.50 |
| 9-RJ37A | BN-GN | WK 0.50 | F2 | F3 | | | |
| 8-RJ22 | WH-BU | WK 0.50 | F1 | F4 | | | |
| 8-RJ47 | WH-BU | WK 0.50 | G2 | G3 | 9-RJ47 | BN-BU | WK 0.50 |
| 8-RJ46 | WH-RD | WK 0.50 | G1 | G4 | 30-RE8 | RD | WK 0.50 |
| | | | H2 | H3 | | | |
| 8-RJ12 | WH-BU | WK 0.50 | H1 | H4 | 7-RJ4 | YE-RD | WK 0.50 |
| | | | J2 | J3 | 9-RJ46 | BN-RD | WK 0.50 |
| | | | J1 | J4 | | | |
| 31S-BB16A | BK-RD | WK 0.50 | K2 | K3 | 9-RJ12 | BN-BU | WK 0.50 |
| | | | K1 | K4 | | | |
| 91S-RL7 | BK-GN | WK 0.75 | L2 | L3 | | | |
| 15S-RL7 | GN-BK | WK 0.75 | L1 | L4 | 91-RE8K | BK-YE | WK 0.75 |
| 15-RJ37 | GN-BK | WK 0.75 | M2 | M3 | | | |
| 91S-RL50C | BK-BU | WK 0.75 | M1 | M4 | 91-RE8J | BK-YE | WK 0.75 |

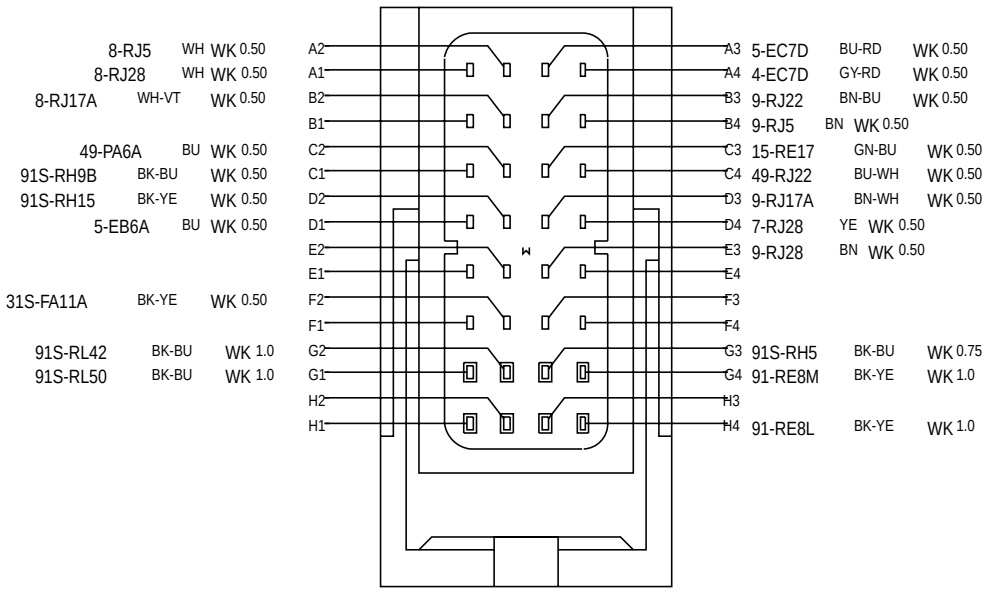
1M5T-14A464-CLB

C417

TO ECM MODULE (PCM)

HARNESS 12A690

## Powertrain Control Module (PCM) (G1230390)



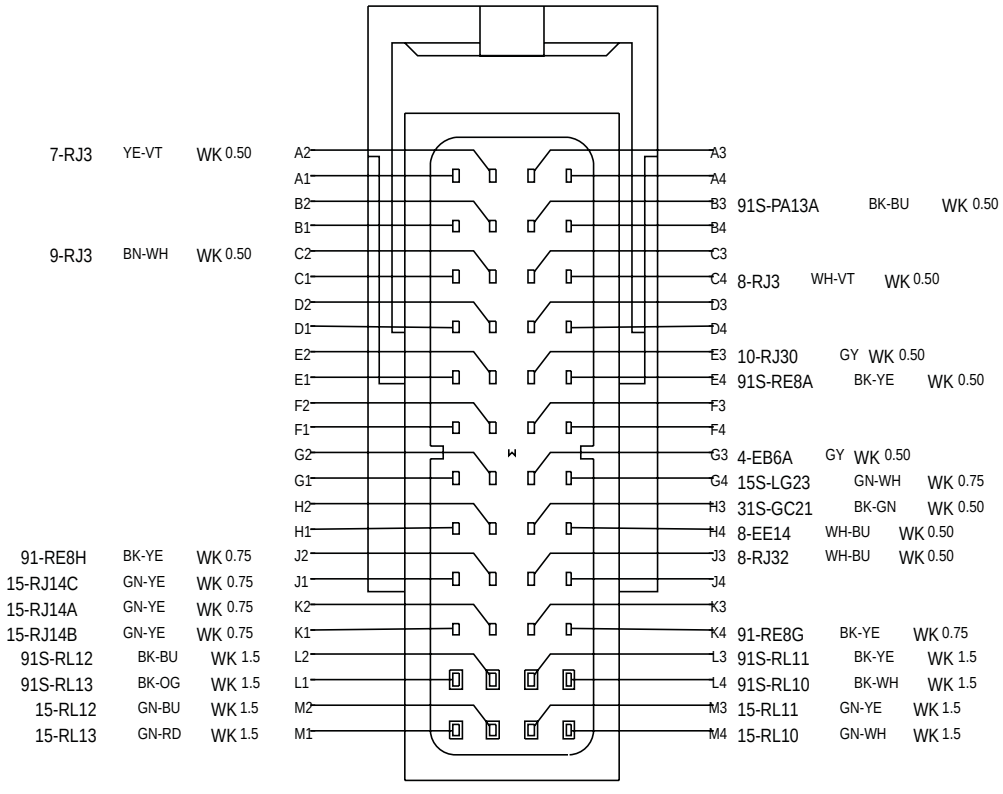

1M5T-14A464-ALB

C418

TO ECM MODULE (PCM)

HARNESS 12A690

## Powertrain Control Module (PCM) (G1230391)



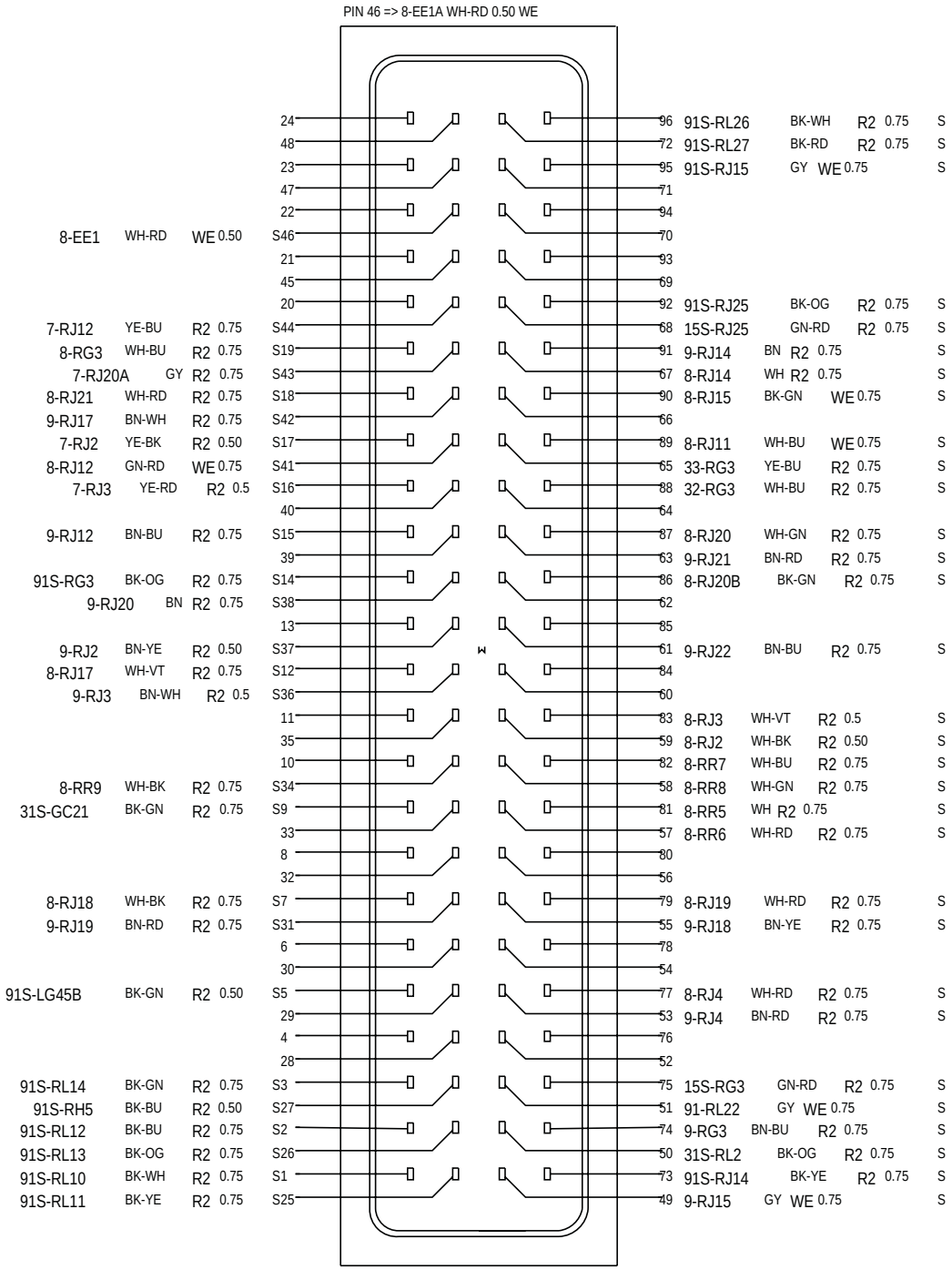

3M5T-14A464-URB

C419

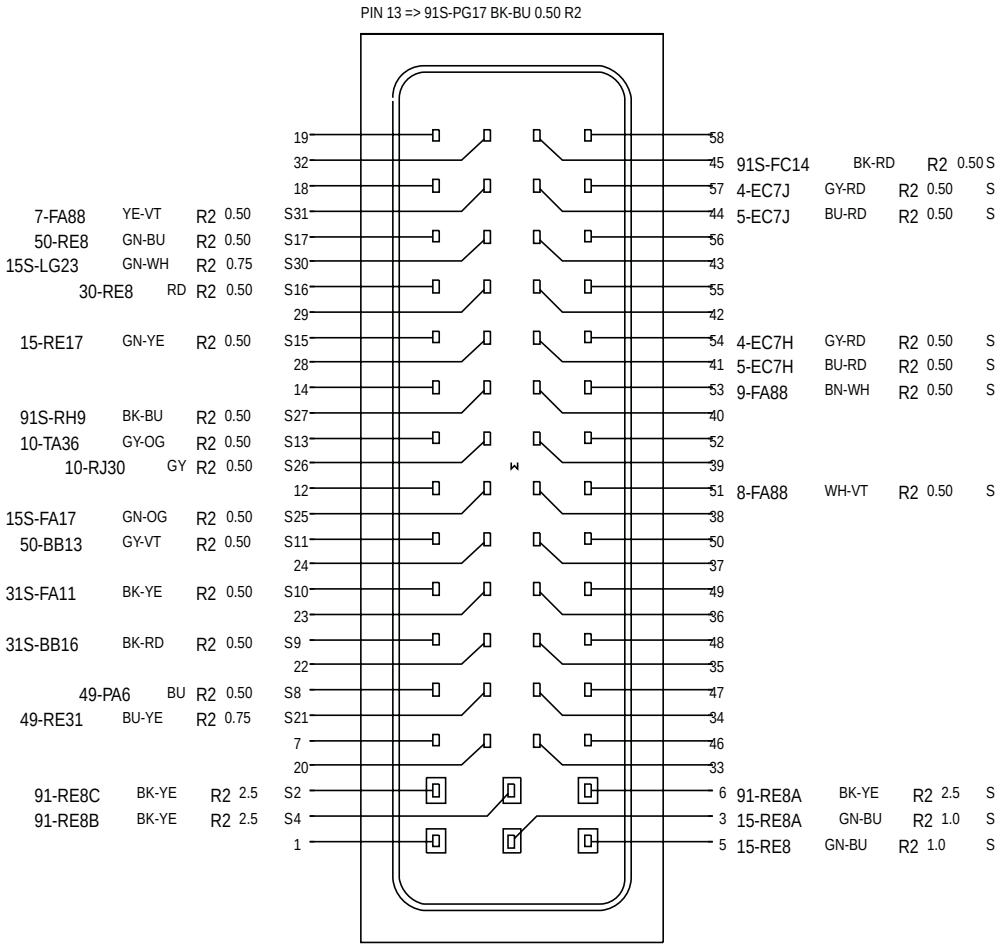
TO ECM MODULE (PCM)

HARNESS 12A690

## Powertrain Control Module (PCM) (G1235983)



## Powertrain Control Module (PCM) (G1240690)




6M5T-14A464-USA

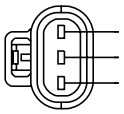
C681
TO PCM TURBO I5

HARNESS 12A690

## Powertrain Control Module (PCM) Relay (G1279924)

IMAGE NOT AVAILABLE

## Throttle Position (TP) Sensor (G1230392)



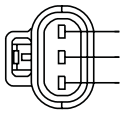
| | | | | |
|---|---|---|---|---|
| 1 | 9-RJ28 | BN | WK | 0.50 |
| 2 | 8-RJ28 | WH | WK | 0.50 |
| 3 | 7-RJ28 | YE | WK | 0.50 |

3M5T-14A464-DCA

C630
TO INTAKE THROTTLE POSITION SENSOR

HARNESS 12A690

## Turbocharger Boost Pressure Sensor (G1230393)



| | | | | | |
|---|---|---|---|---|---|
| 1 | 7-RJ37A | YE-GN | WK | 0.50 | G |
| 2 | 9-RJ37A | BN-GN | WK | 0.50 | G |
| 3 | 8-RJ37A | WH-GN | WK | 0.50 | G |

6M5T-14A464-GCA

C958
TO BOOST PRESSURE SENSOR

HARNESS 12A690

# SECTION 303-14C Electronic Engine Controls — 2.0L

**Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Emission Requirements: Stage V**

## VEHICLE APPLICATION: 2011.0 Kuga

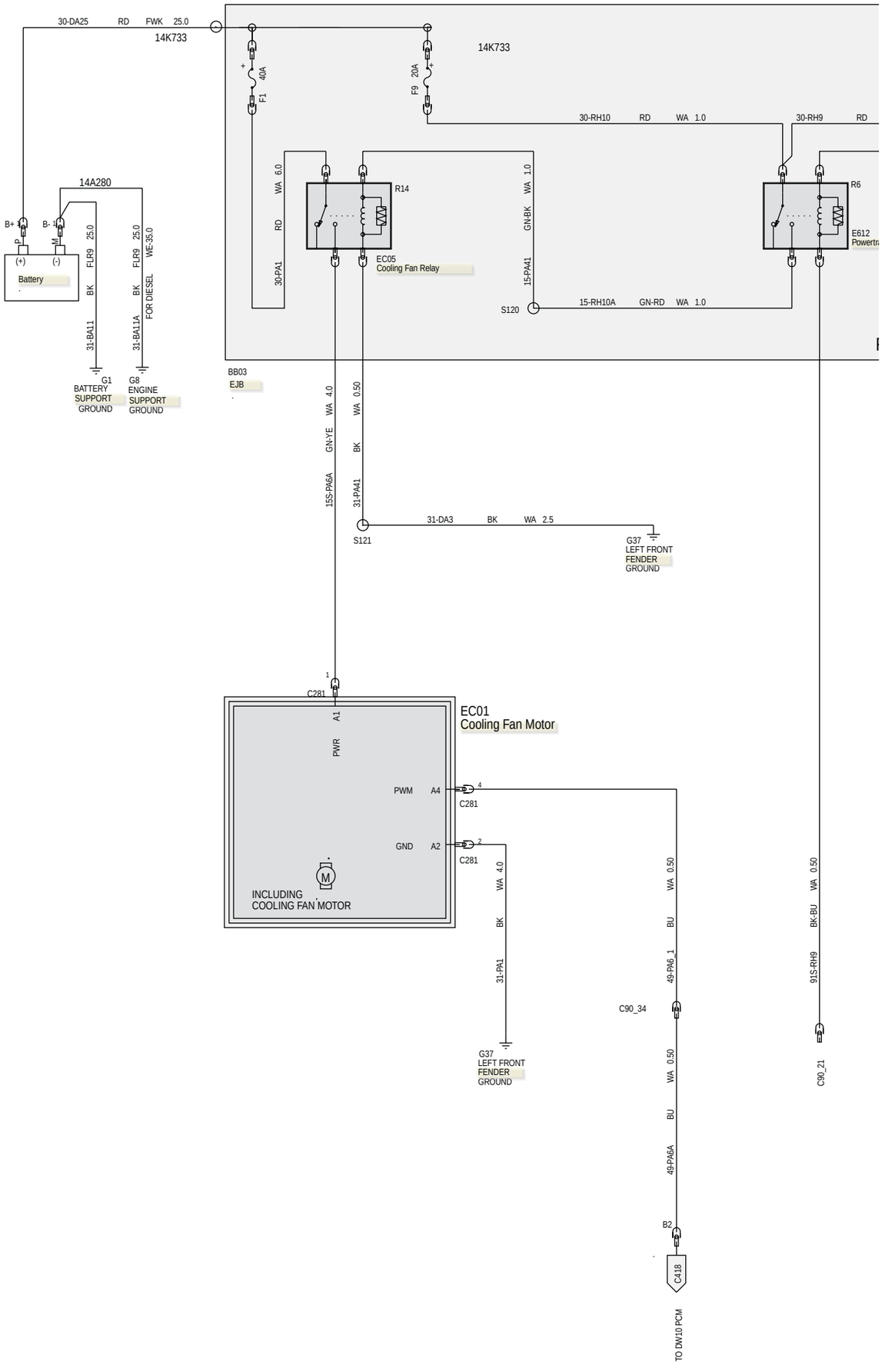
CONTENTS PAGE

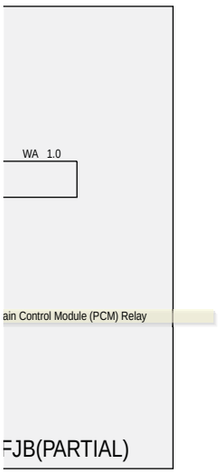
### ELECTRICAL SCHEMATICS

Engine Control — LHD 4WD/LHD FWD ..... 303-14C-2
Engine Control — RHD 4WD/RHD FWD ..... 303-14C-8

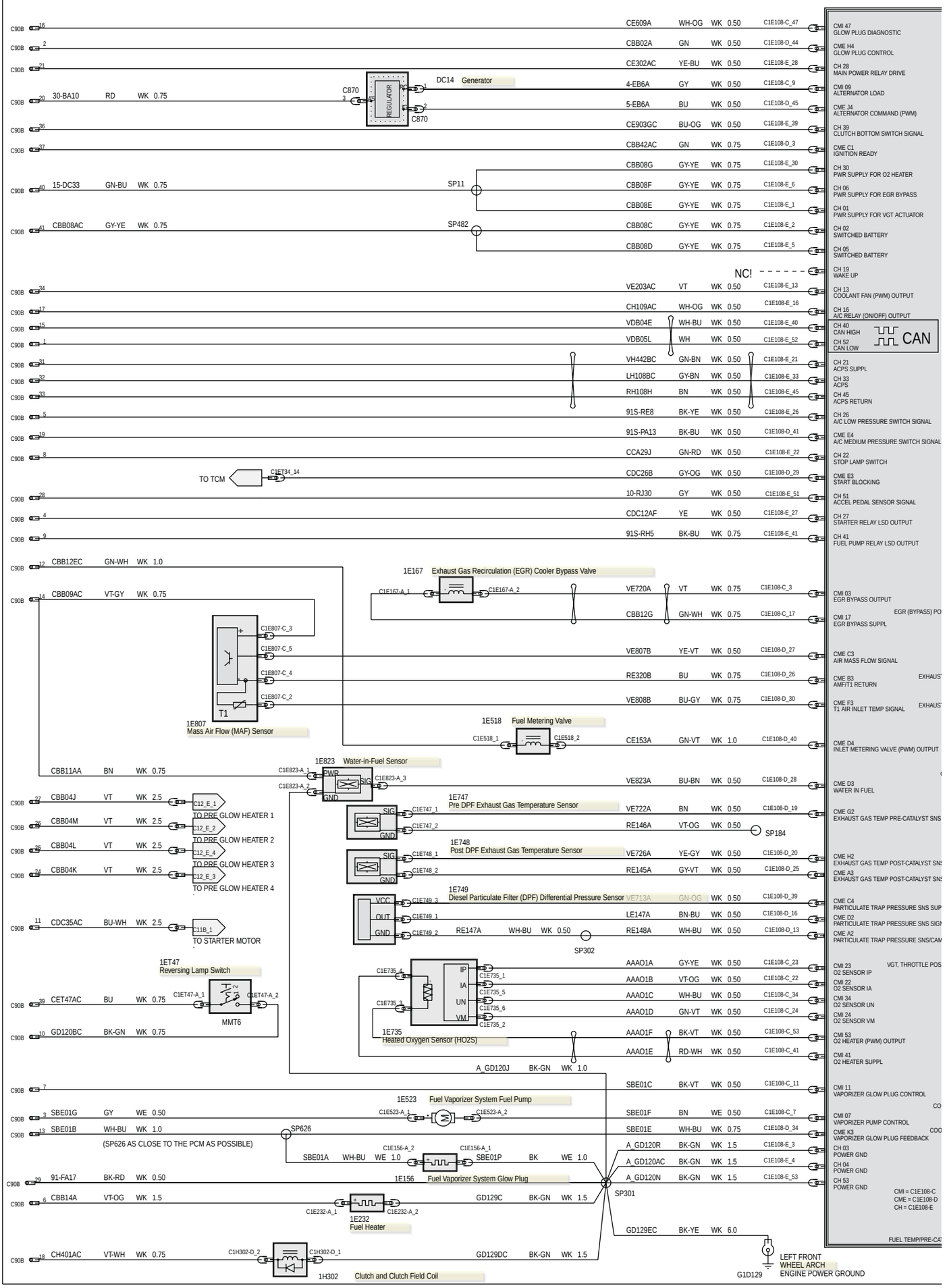
### ELECTRICAL CONNECTORS

Crankshaft Position (CKP) Sensor — D ..... 303-14C-14
Diesel Particulate Filter (DPF) Differential Pressure Sensor ..... 303-14C-14
Engine Coolant Temperature (ECT) Sensor — D ..... 303-14C-14
Engine Oil Pressure (EOP) Switch — C ..... 303-14C-14
Fuel Rail Pressure (FRP) Sensor — A ..... 303-14C-14
Fuel Rail Temperature Sensor — A ..... 303-14C-15
Heated Oxygen Sensor (HO2S) ..... 303-14C-15
Intake Camshaft Position (CMP) Sensor ..... 303-14C-15
Manifold Absolute Pressure and Temperature (MAPT) Sensor — A ..... 303-14C-15
Mass Air Flow (MAF) Sensor — C ..... 303-14C-15
Powertrain Control Module (PCM) — C ..... 303-14C-16
Powertrain Control Module (PCM) — D ..... 303-14C-16
Powertrain Control Module (PCM) — E ..... 303-14C-17
Pre DPF Exhaust Gas Temperature Sensor ..... 303-14C-17
Post DPF Exhaust Gas Temperature Sensor ..... 303-14C-17

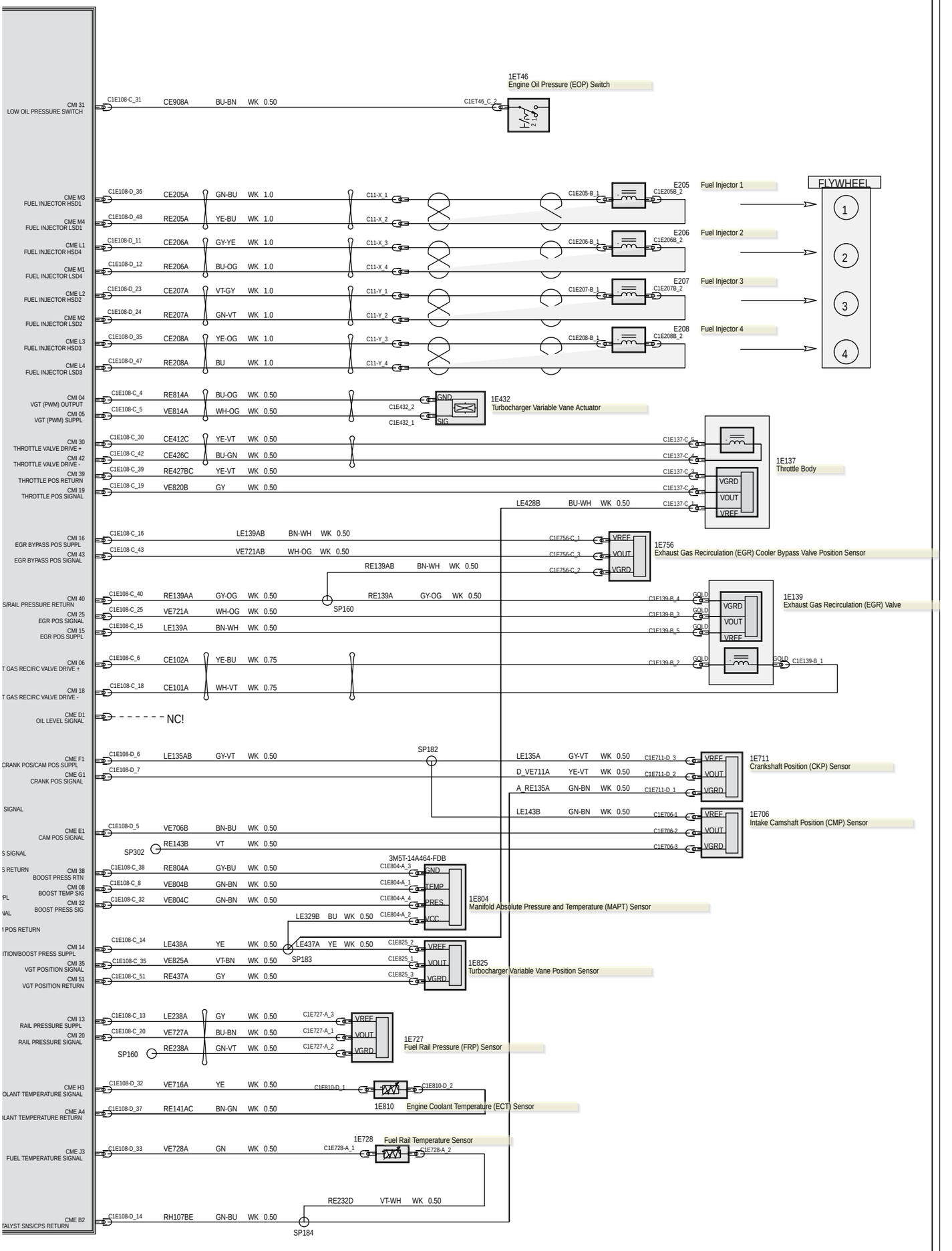

30-DA25 RD FWK 25.0
14K733
14K733
F1 40A
F9 20A
30-RH10 RD WA 1.0
30-RH9 RD
14A280
B+ 1
B- 1
P
M
(+)
(-)
Battery
FLR9 25.0
BK
31-BA11
FLR9 25.0
BK
31-BA11A
WE-35.0
FOR DIESEL
G1
BATTERY SUPPORT GROUND
G8
ENGINE SUPPORT GROUND
WA 6.0
RD
30-PA1
R14
EC05
Cooling Fan Relay
WA 1.0
GN-BK
15-PA41
S120
15-RH10A GN-RD WA 1.0
R6
E612
Powertra
BB03
EJB
GN-YE WA 4.0
15S-PA6A
BK WA 0.50
31-PA41
S121
31-DA3 BK WA 2.5
G37
LEFT FRONT FENDER GROUND
C281
EC01
Cooling Fan Motor
A1
PWR
PWM A4
GND A2
C281
C281
INCLUDING
COOLING FAN MOTOR
WA 4.0
BK
31-PA1
G37
LEFT FRONT FENDER GROUND
C90_34
WA 0.50
BU
49-PA6_1
WA 0.50
BU
49-PA6A
B2
C418
TO DW10 PCM
BK-BU WA 0.50
91S-RH9
C90_21


WA 1.0
ain Control Module (PCM) Relay
FJB(PARTIAL)

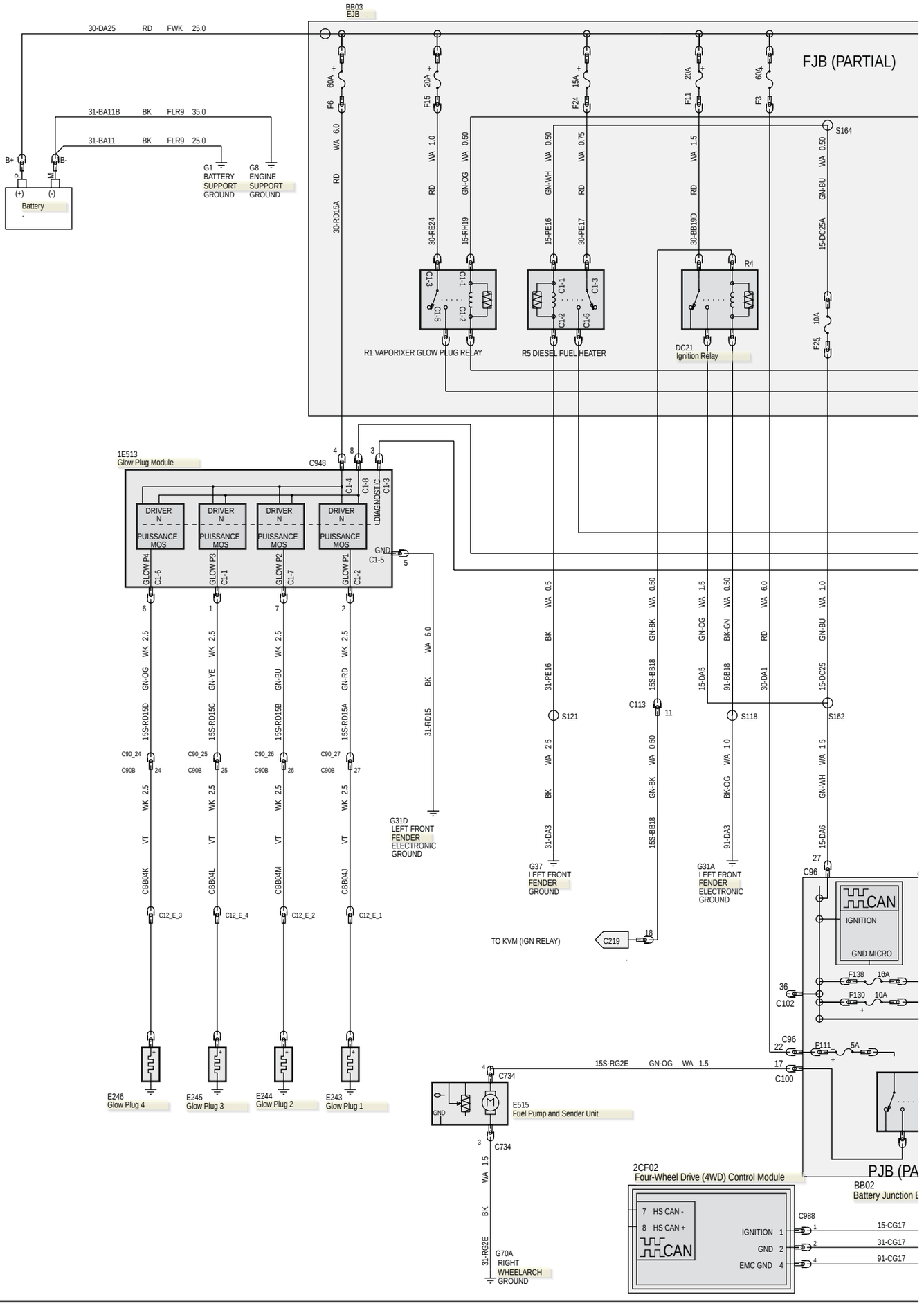
303-14C-4 Engine Control—LHD 4WD/LHD FWD



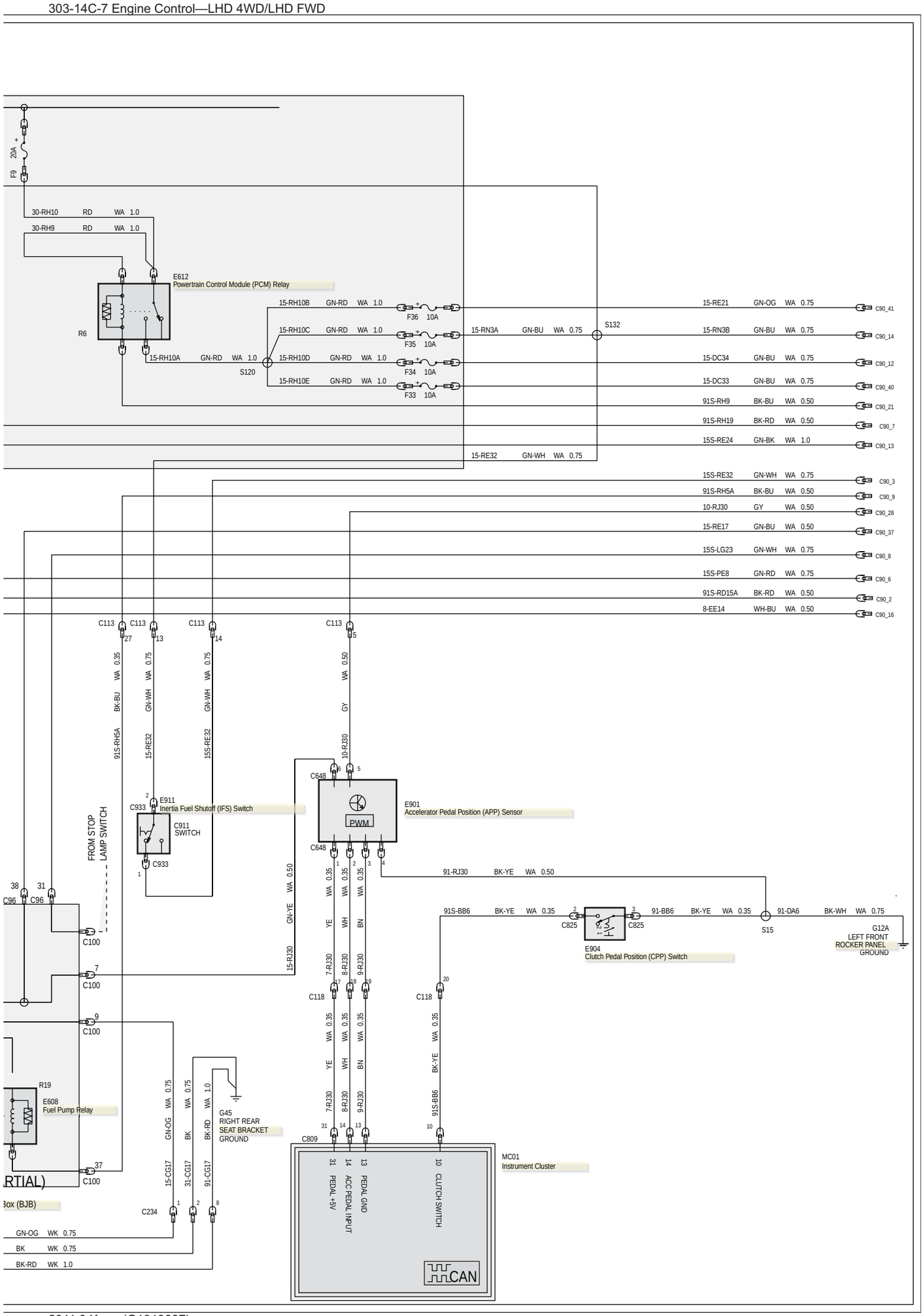

2011.0 Kuga (G1313087)


1ET46
Engine Oil Pressure (EOP) Switch
CMI 31
LOW OIL PRESSURE SWITCH
C1E108-C_31
CE908A BU-BN WK 0.50
C1ET46_C_2
CME M3
FUEL INJECTOR HSD1
CME M4
FUEL INJECTOR LSD1
CME L1
FUEL INJECTOR HSD4
CME M1
FUEL INJECTOR LSD4
CME L2
FUEL INJECTOR HSD2
CME M2
FUEL INJECTOR LSD2
CME L3
FUEL INJECTOR HSD3
CME L4
FUEL INJECTOR LSD3
C1E108-D_36
CE205A GN-BU WK 1.0
C1E108-D_48
RE205A YE-BU WK 1.0
C1E108-D_11
CE206A GY-YE WK 1.0
C1E108-D_12
RE206A BU-OG WK 1.0
C1E108-D_23
CE207A VT-GY WK 1.0
C1E108-D_24
RE207A GN-VT WK 1.0
C1E108-D_35
CE208A YE-OG WK 1.0
C1E108-D_47
RE208A BU WK 1.0
C11-X_1
C11-X_2
C11-X_3
C11-X_4
C11-Y_1
C11-Y_2
C11-Y_3
C11-Y_4
C1E205-B_1
C1E205B_2
E205
Fuel Injector 1
C1E206-B_1
C1E206B_2
E206
Fuel Injector 2
C1E207-B_1
C1E207B_2
E207
Fuel Injector 3
C1E208-B_1
C1E208B_2
E208
Fuel Injector 4
FLYWHEEL
1
2
3
4
CMI 04
VGT (PWM) OUTPUT
CMI 05
VGT (PWM) SUPPL
C1E108-C_4
RE814A BU-OG WK 0.50
C1E108-C_5
VE814A WH-OG WK 0.50
C1E432_2
C1E432_1
GND
SIG
1E432
Turbocharger Variable Vane Actuator
CMI 30
THROTTLE VALVE DRIVE +
CMI 42
THROTTLE VALVE DRIVE -
CMI 39
THROTTLE POS RETURN
CMI 19
THROTTLE POS SIGNAL
C1E108-C_30
CE412C YE-VT WK 0.50
C1E108-C_42
CE426C BU-GN WK 0.50
C1E108-C_39
RE427BC YE-VT WK 0.50
C1E108-C_19
VE820B GY WK 0.50
C1E137-C_5
C1E137-C_4
C1E137-C_3
C1E137-C_2
C1E137-C_1
VGRD
VOUT
VREF
1E137
Throttle Body
LE428B BU-WH WK 0.50
CMI 16
EGR BYPASS POS SUPPL
CMI 43
EGR BYPASS POS SIGNAL
C1E108-C_16
LE139AB BN-WH WK 0.50
C1E108-C_43
VE721AB WH-OG WK 0.50
C1E756-C_1
C1E756-C_3
C1E756-C_2
VREF
VOUT
VGRD
1E756
Exhaust Gas Recirculation (EGR) Cooler Bypass Valve Position Sensor
RE139AB BN-WH WK 0.50
CMI 40
S/RAIL PRESSURE RETURN
CMI 25
EGR POS SIGNAL
CMI 15
EGR POS SUPPL
C1E108-C_40
RE139AA GY-OG WK 0.50
C1E108-C_25
VE721A WH-OG WK 0.50
C1E108-C_15
LE139A BN-WH WK 0.50
SP160
RE139A GY-OG WK 0.50
C1E139-B_4
C1E139-B_3
C1E139-B_5
GOLD
VGRD
VOUT
VREF
1E139
Exhaust Gas Recirculation (EGR) Valve
CMI 06
T GAS RECIRC VALVE DRIVE +
CMI 18
T GAS RECIRC VALVE DRIVE -
C1E108-C_6
CE102A YE-BU WK 0.75
C1E108-C_18
CE101A WH-VT WK 0.75
C1E139-B_2
C1E139-B_1
CME D1
OIL LEVEL SIGNAL
NC!
SP182
CME F1
CRANK POS/CAM POS SUPPL
CME G1
CRANK POS SIGNAL
C1E108-D_6
LE135AB GY-VT WK 0.50
C1E108-D_7
LE135A GY-VT WK 0.50
D_VE711A YE-VT WK 0.50
A_RE135A GN-BN WK 0.50
C1E711-D_3
C1E711-D_2
C1E711-D_1
VREF
VOUT
VGRD
1E711
Crankshaft Position (CKP) Sensor
SIGNAL
CME E1
CAM POS SIGNAL
C1E108-D_5
VE706B BN-BU WK 0.50
RE143B VT WK 0.50
LE143B GN-BN WK 0.50
C1E706-1
C1E706-2
C1E706-3
1E706
Intake Camshaft Position (CMP) Sensor
S SIGNAL
SP302
CMI 38
BOOST PRESS RTN
CMI 08
BOOST TEMP SIG
CMI 32
BOOST PRESS SIG
C1E108-C_38
RE804A GY-BU WK 0.50
C1E108-C_8
VE804B GN-BN WK 0.50
C1E108-C_32
VE804C GN-BN WK 0.50
3M5T-14A464-FDB
C1E804-A_3
C1E804-A_1
C1E804-A_4
C1E804-A_2
GND
TEMP
PRES
VCC
1E804
Manifold Absolute Pressure and Temperature (MAPT) Sensor
LE329B BU WK 0.50
CMI 14
ITION/BOOST PRESS SUPPL
CMI 35
VGT POSITION SIGNAL
CMI 51
VGT POSITION RETURN
C1E108-C_14
LE438A YE WK 0.50
C1E108-C_35
VE825A VT-BN WK 0.50
C1E108-C_51
RE437A GY WK 0.50
LE437A YE WK 0.50
SP183
C1E825_2
C1E825_1
C1E825_3
VREF
VOUT
VGRD
1E825
Turbocharger Variable Vane Position Sensor
CMI 13
RAIL PRESSURE SUPPL
CMI 20
RAIL PRESSURE SIGNAL
C1E108-C_13
LE238A GY WK 0.50
C1E108-C_20
VE727A BU-BN WK 0.50
SP160
RE238A GN-VT WK 0.50
C1E727-A_3
C1E727-A_1
C1E727-A_2
VREF
VOUT
VGRD
1E727
Fuel Rail Pressure (FRP) Sensor
CME H3
OLANT TEMPERATURE SIGNAL
CME A4
LANT TEMPERATURE RETURN
C1E108-D_32
VE716A YE WK 0.50
C1E108-D_37
RE141AC BN-GN WK 0.50
C1E810-D_1
C1E810-D_2
1E810
Engine Coolant Temperature (ECT) Sensor
CME J3
FUEL TEMPERATURE SIGNAL
C1E108-D_33
VE728A GN WK 0.50
1E728
Fuel Rail Temperature Sensor
C1E728-A_1
C1E728-A_2
RE232D VT-WH WK 0.50
CME B2
TALYST SNS/CPS RETURN
C1E108-D_14
RH107BE GN-BU WK 0.50
SP184

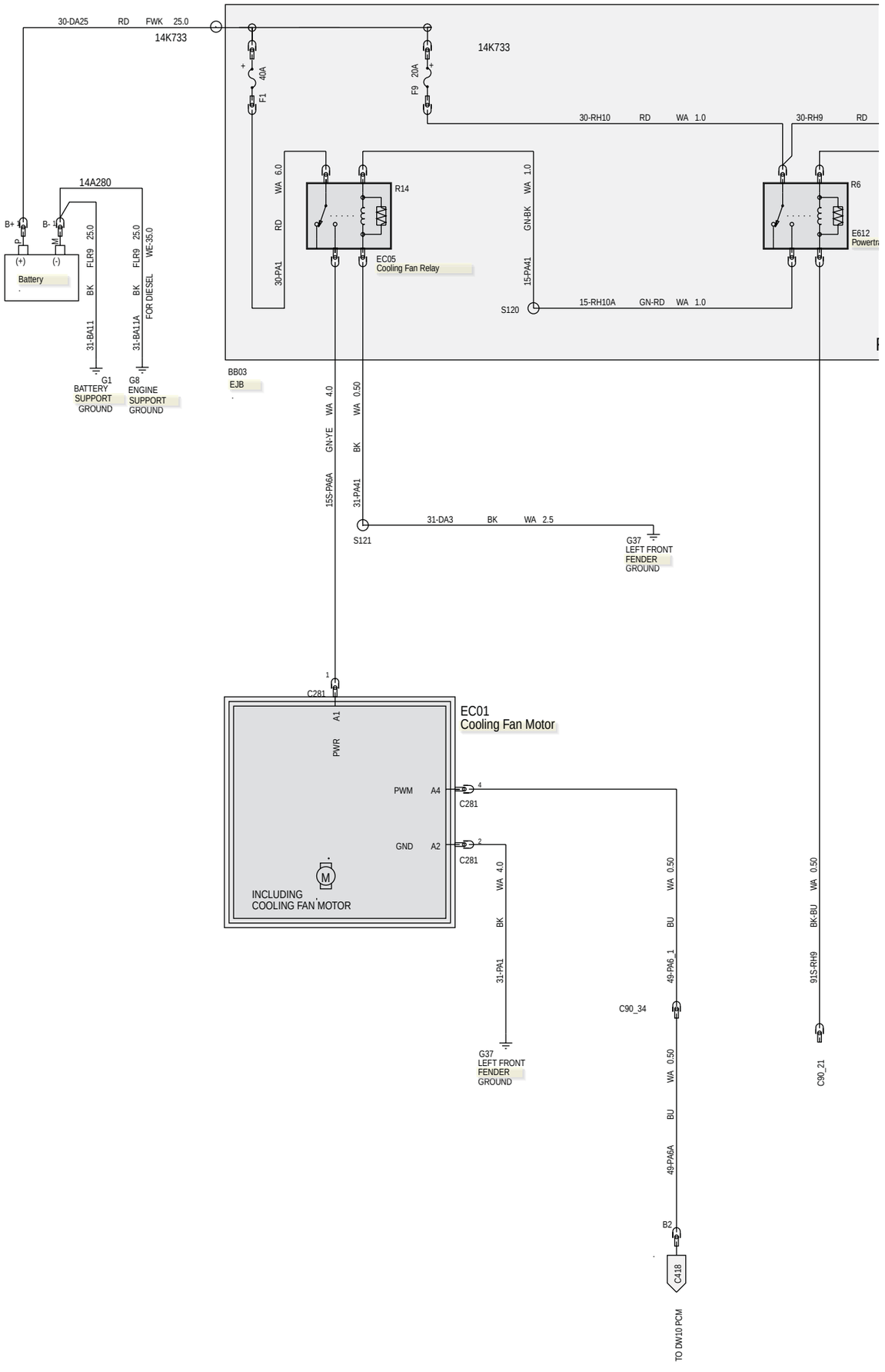
303-14C-6 Engine Control—LHD 4WD/LHD FWD

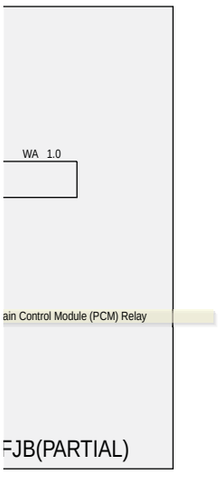


303-14C-7 Engine Control—LHD 4WD/LHD FWD

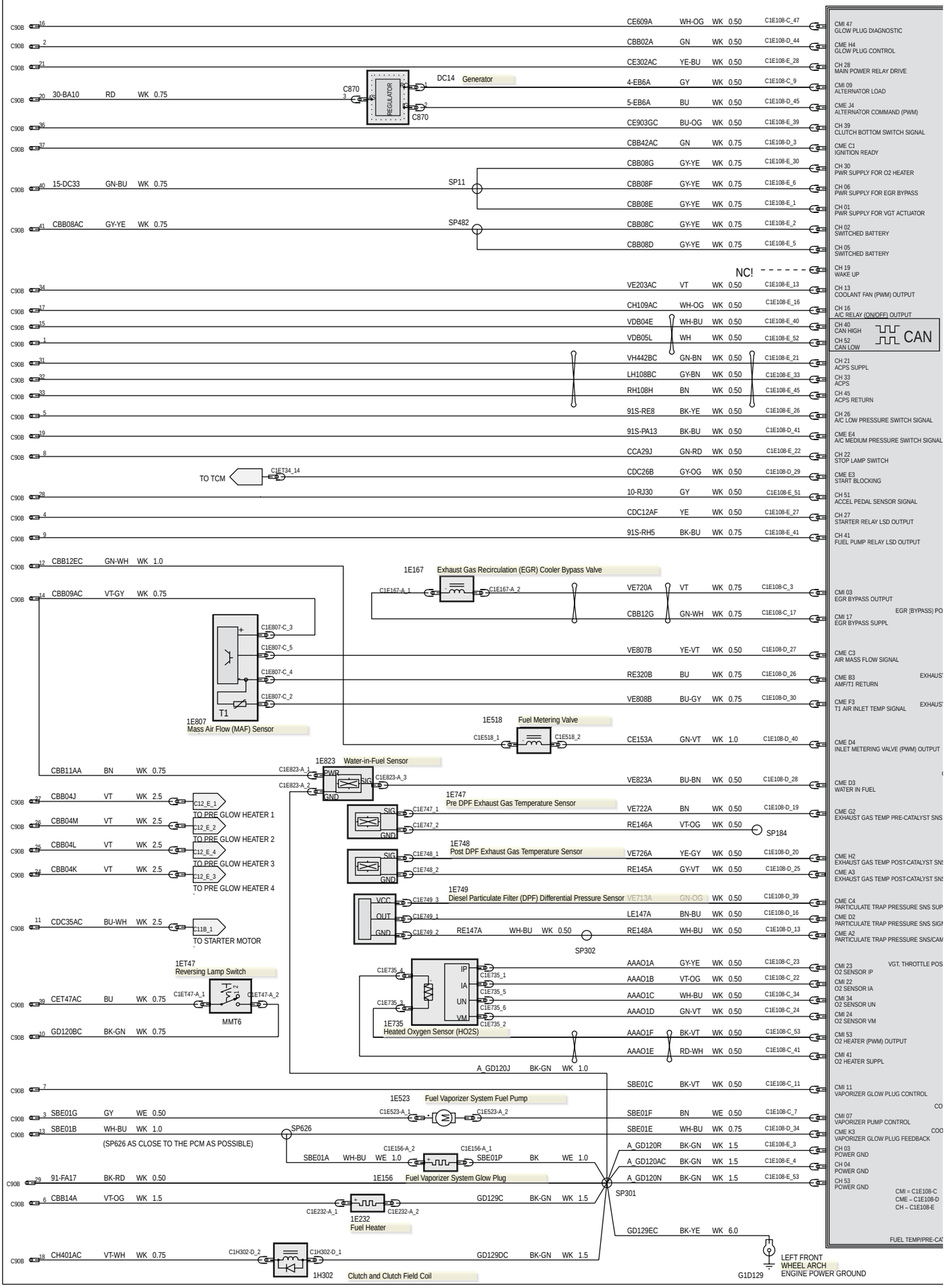



2011.0 Kuga (G1313087)

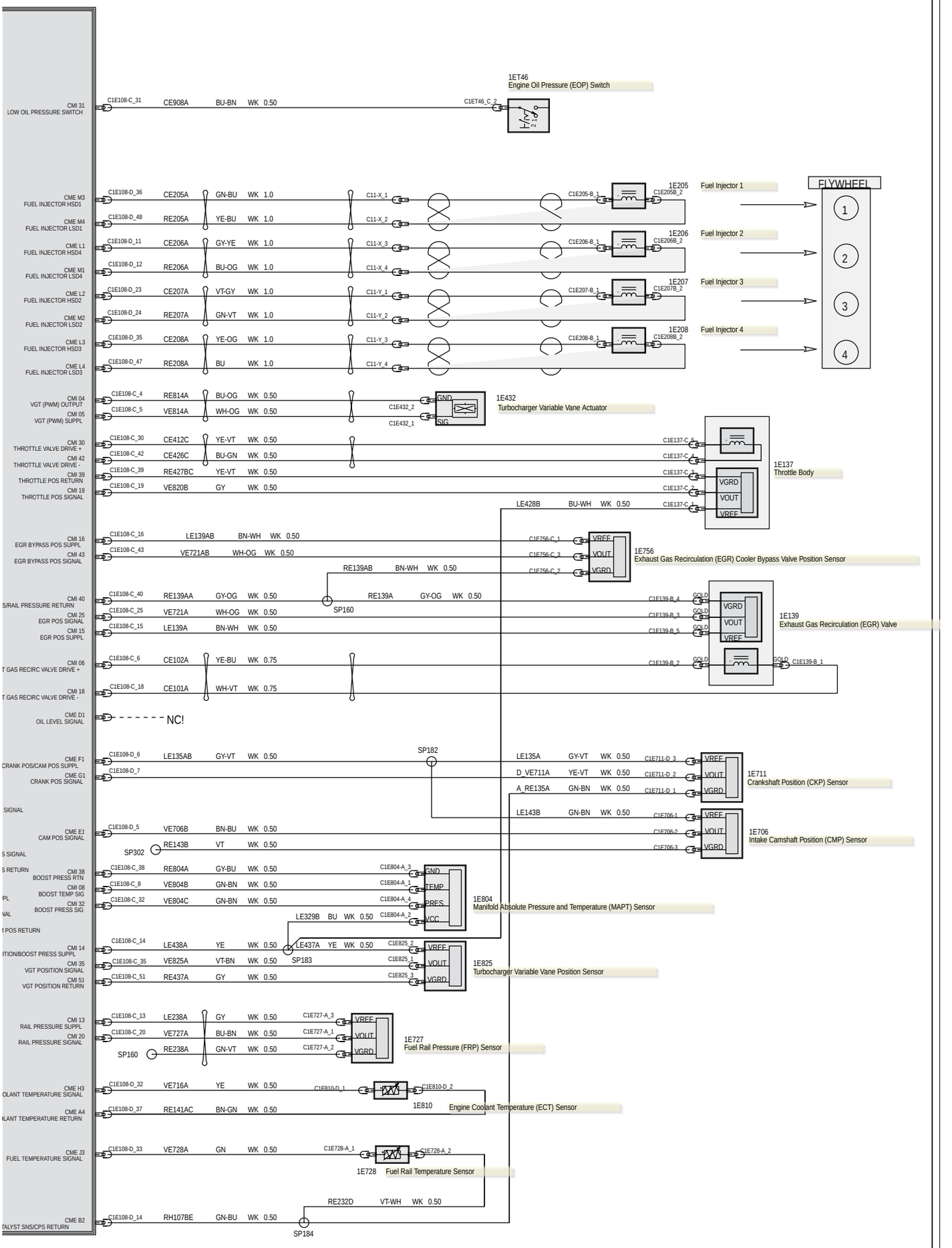

30-DA25 RD FWK 25.0
14K733
14K733
F1 40A
F9 20A
30-RH10 RD WA 1.0
30-RH9 RD
14A280
B+ 1
B- 1
P
M
(+)
(-)
Battery
FLR9 25.0
BK
31-BA11
FLR9 25.0
BK
31-BA11A
WE-35.0
FOR DIESEL
G1
BATTERY SUPPORT GROUND
G8
ENGINE SUPPORT GROUND
WA 6.0
RD
30-PA1
R14
EC05
Cooling Fan Relay
GN-BK WA 1.0
15-PA41
S120
15-RH10A GN-RD WA 1.0
R6
E612
Powertra
BB03
EJB
GN-YE WA 4.0
15S-PA6A
BK WA 0.50
31-PA41
S121
31-DA3 BK WA 2.5
G37
LEFT FRONT FENDER GROUND
C281
A1
PWR
EC01
Cooling Fan Motor
PWM A4
GND A2
C281
C281
INCLUDING
COOLING FAN MOTOR
BK WA 4.0
31-PA1
G37
LEFT FRONT FENDER GROUND
C90_34
BU WA 0.50
49-PA6_1
BU WA 0.50
49-PA6A
B2
C418
TO DM10 PCM
BK-BU WA 0.50
91S-RH9
C90_21


WA 1.0
ain Control Module (PCM) Relay
FJB(PARTIAL)

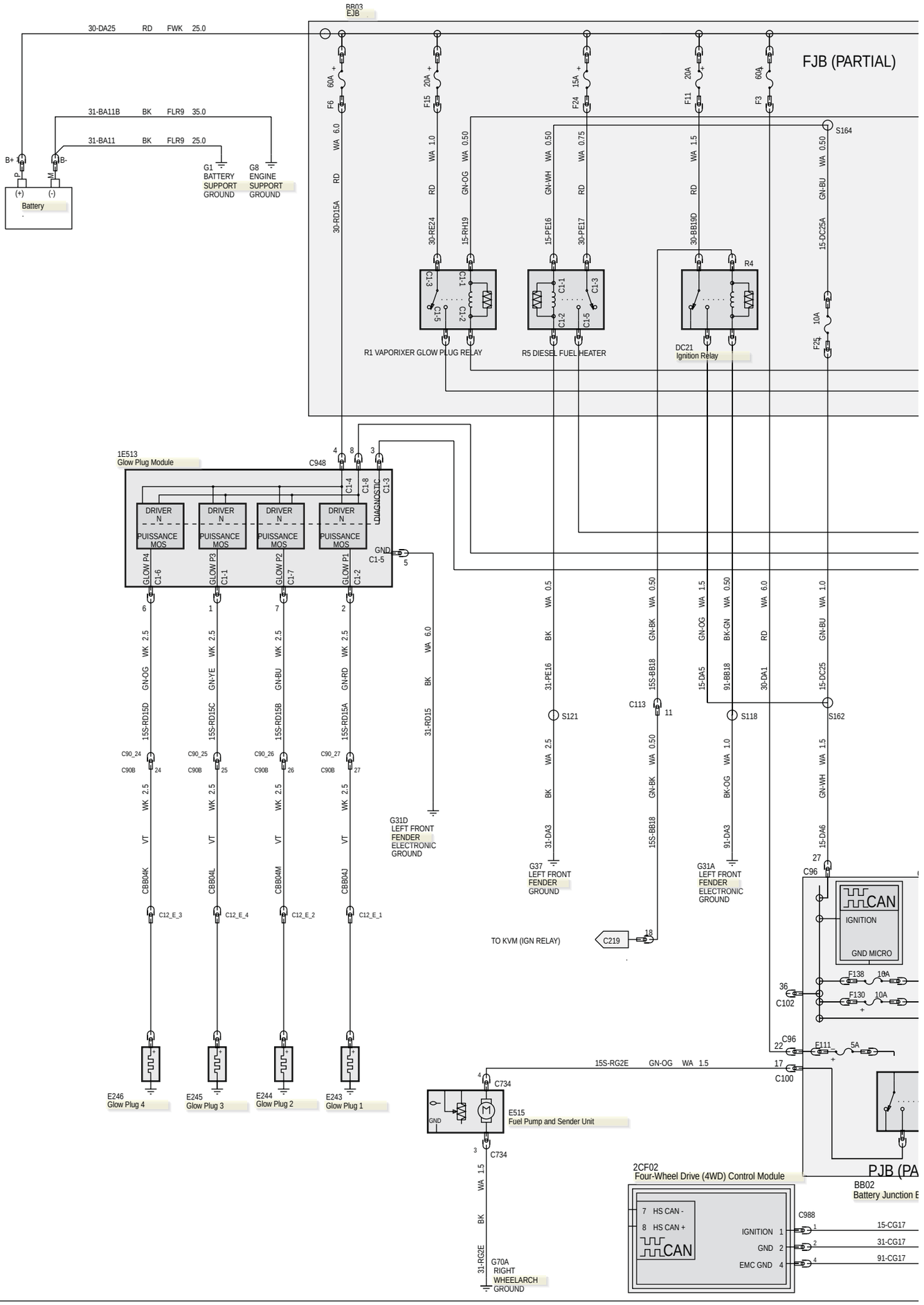
303-14C-10 Engine Control—RHD 4WD/RHD FWD

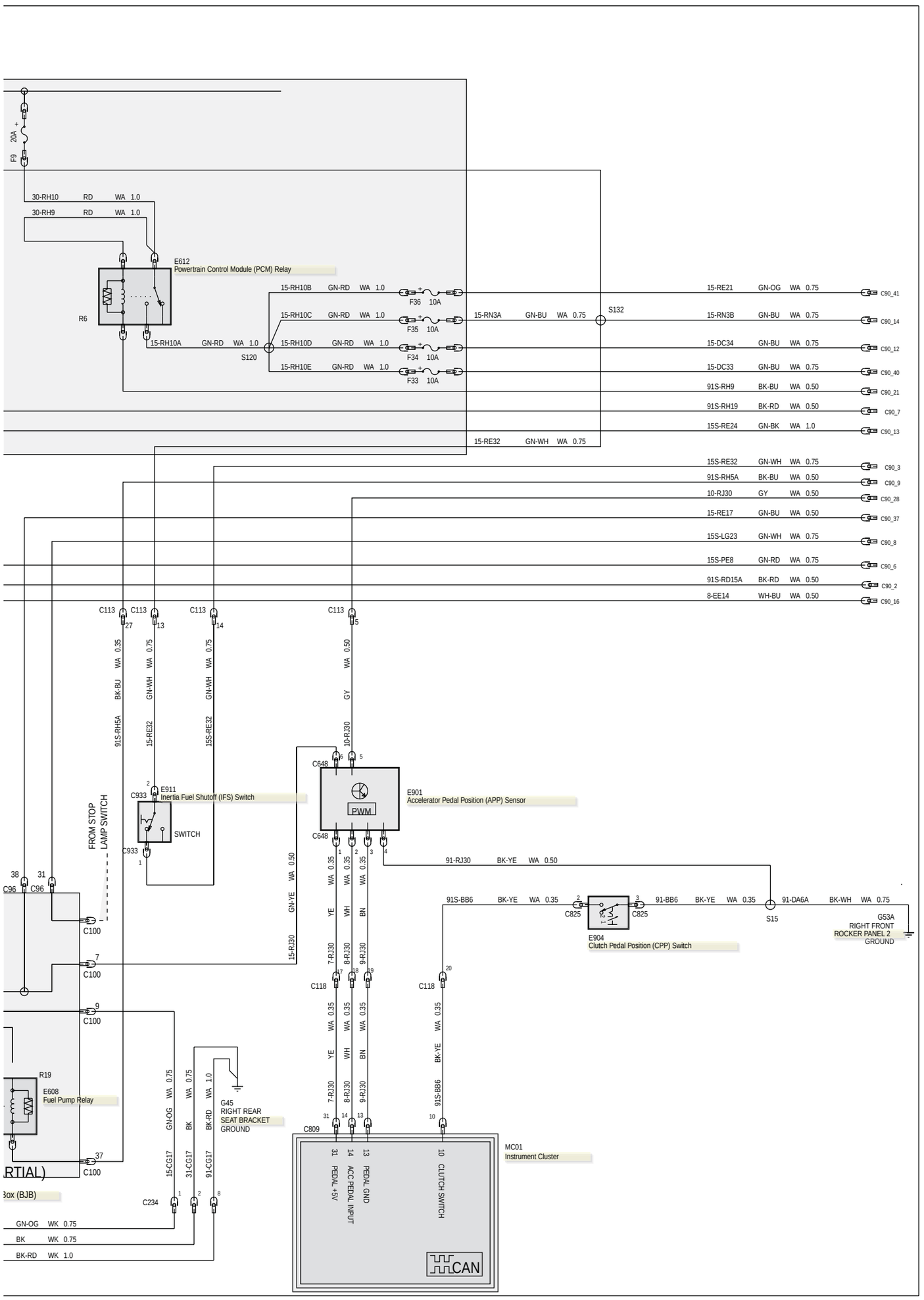



2011.0 Kuga (G1313088)

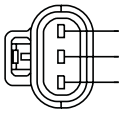

1ET46
Engine Oil Pressure (EOP) Switch
CMI 31
LOW OIL PRESSURE SWITCH
C1E108-C_31
CE908A BU-BN WK 0.50
C1ET46_C_2
CME M3
FUEL INJECTOR HSD1
CME M4
FUEL INJECTOR LSD1
CME L1
FUEL INJECTOR HSD4
CME M1
FUEL INJECTOR LSD4
CME L2
FUEL INJECTOR HSD2
CME M2
FUEL INJECTOR LSD2
CME L3
FUEL INJECTOR HSD3
CME L4
FUEL INJECTOR LSD3
C1E108-D_36
CE205A GN-BU WK 1.0
C1E108-D_48
RE205A YE-BU WK 1.0
C1E108-D_11
CE206A GY-YE WK 1.0
C1E108-D_12
RE206A BU-OG WK 1.0
C1E108-D_23
CE207A VT-GY WK 1.0
C1E108-D_24
RE207A GN-VT WK 1.0
C1E108-D_35
CE208A YE-OG WK 1.0
C1E108-D_47
RE208A BU WK 1.0
C11-X_1
C11-X_2
C11-X_3
C11-X_4
C11-Y_1
C11-Y_2
C11-Y_3
C11-Y_4
C1E205-B_1
C1E205B_2
1E205
Fuel Injector 1
C1E206-B_1
C1E206B_2
1E206
Fuel Injector 2
C1E207-B_1
C1E207B_2
1E207
Fuel Injector 3
C1E208-B_1
C1E208B_2
1E208
Fuel Injector 4
FLYWHEEL
1
2
3
4
CMI 04
VGT (PWM) OUTPUT
CMI 05
VGT (PWM) SUPPL
C1E108-C_4
RE814A BU-OG WK 0.50
C1E108-C_5
VE814A WH-OG WK 0.50
C1E432_2
C1E432_1
GND
SIG
1E432
Turbocharger Variable Vane Actuator
CMI 30
THROTTLE VALVE DRIVE +
CMI 42
THROTTLE VALVE DRIVE -
CMI 39
THROTTLE POS RETURN
CMI 19
THROTTLE POS SIGNAL
C1E108-C_30
CE412C YE-VT WK 0.50
C1E108-C_42
CE426C BU-GN WK 0.50
C1E108-C_39
RE427BC YE-VT WK 0.50
C1E108-C_19
VE820B GY WK 0.50
C1E137-C_5
C1E137-C_4
C1E137-C_3
C1E137-C_2
C1E137-C_1
VGRD
VOUT
VREF
1E137
Throttle Body
LE428B BU-WH WK 0.50
CMI 16
EGR BYPASS POS SUPPL
CMI 43
EGR BYPASS POS SIGNAL
C1E108-C_16
LE139AB BN-WH WK 0.50
C1E108-C_43
VE721AB WH-OG WK 0.50
C1E756-C_1
C1E756-C_3
C1E756-C_2
VREF
VOUT
VGRD
1E756
Exhaust Gas Recirculation (EGR) Cooler Bypass Valve Position Sensor
RE139AB BN-WH WK 0.50
CMI 40
S/RAIL PRESSURE RETURN
CMI 25
EGR POS SIGNAL
CMI 15
EGR POS SUPPL
C1E108-C_40
RE139AA GY-OG WK 0.50
C1E108-C_25
VE721A WH-OG WK 0.50
C1E108-C_15
LE139A BN-WH WK 0.50
SP160
RE139A GY-OG WK 0.50
C1E139-B_4
C1E139-B_3
C1E139-B_5
GOLD
VGRD
VOUT
VREF
1E139
Exhaust Gas Recirculation (EGR) Valve
CMI 06
T GAS RECIRC VALVE DRIVE +
CMI 18
T GAS RECIRC VALVE DRIVE -
C1E108-C_6
CE102A YE-BU WK 0.75
C1E108-C_18
CE101A WH-VT WK 0.75
C1E139-B_2
C1E139-B_1
CME D1
OIL LEVEL SIGNAL
NC!
SP182
CME F1
CRANK POS/CAM POS SUPPL
CME G1
CRANK POS SIGNAL
C1E108-D_6
LE135AB GY-VT WK 0.50
C1E108-D_7
LE135A GY-VT WK 0.50
D_VE711A YE-VT WK 0.50
A_RE135A GN-BN WK 0.50
C1E711-D_3
C1E711-D_2
C1E711-D_1
VREF
VOUT
VGRD
1E711
Crankshaft Position (CKP) Sensor
SIGNAL
CME E1
CAM POS SIGNAL
S SIGNAL
C1E108-D_5
VE706B BN-BU WK 0.50
RE143B VT WK 0.50
SP302
LE143B GN-BN WK 0.50
C1E706-1
C1E706-2
C1E706-3
1E706
Intake Camshaft Position (CMP) Sensor
S RETURN
CMI 38
BOOST PRESS RTN
CMI 08
BOOST TEMP SIG
PL
CMI 32
BOOST PRESS SIG
NAL
POS RETURN
C1E108-C_38
RE804A GY-BU WK 0.50
C1E108-C_8
VE804B GN-BN WK 0.50
C1E108-C_32
VE804C GN-BN WK 0.50
C1E804-A_3
C1E804-A_1
C1E804-A_4
C1E804-A_2
GND
TEMP
PRES
VCC
1E804
Manifold Absolute Pressure and Temperature (MAPT) Sensor
LE329B BU WK 0.50
CMI 14
ITION/BOOST PRESS SUPPL
CMI 35
VGT POSITION SIGNAL
CMI 51
VGT POSITION RETURN
C1E108-C_14
LE438A YE WK 0.50
C1E108-C_35
VE825A VT-BN WK 0.50
C1E108-C_51
RE437A GY WK 0.50
LE437A YE WK 0.50
SP183
C1E825_2
C1E825_1
C1E825_3
VREF
VOUT
VGRD
1E825
Turbocharger Variable Vane Position Sensor
CMI 13
RAIL PRESSURE SUPPL
CMI 20
RAIL PRESSURE SIGNAL
C1E108-C_13
LE238A GY WK 0.50
C1E108-C_20
VE727A BU-BN WK 0.50
SP160
RE238A GN-VT WK 0.50
C1E727-A_3
C1E727-A_1
C1E727-A_2
VREF
VOUT
VGRD
1E727
Fuel Rail Pressure (FRP) Sensor
CME H3
OLANT TEMPERATURE SIGNAL
CME A4
LANT TEMPERATURE RETURN
C1E108-D_32
VE716A YE WK 0.50
C1E108-D_37
RE141AC BN-GN WK 0.50
C1E810-D_1
C1E810-D_2
1E810
Engine Coolant Temperature (ECT) Sensor
CME J3
FUEL TEMPERATURE SIGNAL
C1E108-D_33
VE728A GN WK 0.50
C1E728-A_1
C1E728-A_2
1E728
Fuel Rail Temperature Sensor
RE232D VT-WH WK 0.50
CME B2
TALYST SNS/CPS RETURN
C1E108-D_14
RH107BE GN-BU WK 0.50
SP184

303-14C-12 Engine Control—RHD 4WD/RHD FWD




F9 20A
30-RH10 RD WA 1.0
30-RH9 RD WA 1.0
E612
Powertrain Control Module (PCM) Relay
R6
15-RH10A GN-RD WA 1.0
S120
15-RH10B GN-RD WA 1.0
F36 10A
15-RH10C GN-RD WA 1.0
F35 10A
15-RH10D GN-RD WA 1.0
F34 10A
15-RH10E GN-RD WA 1.0
F33 10A
15-RN3A GN-BU WA 0.75
S132
15-RE21 GN-OG WA 0.75 C90_41
15-RN3B GN-BU WA 0.75 C90_14
15-DC34 GN-BU WA 0.75 C90_12
15-DC33 GN-BU WA 0.75 C90_40
91S-RH9 BK-BU WA 0.50 C90_21
91S-RH19 BK-RD WA 0.50 C90_7
15S-RE24 GN-BK WA 1.0 C90_13
15-RE32 GN-WH WA 0.75
15S-RE32 GN-WH WA 0.75 C90_3
91S-RH5A BK-BU WA 0.50 C90_9
10-RJ30 GY WA 0.50 C90_28
15-RE17 GN-BU WA 0.50 C90_37
15S-LG23 GN-WH WA 0.75 C90_8
15S-PE8 GN-RD WA 0.75 C90_6
91S-RD15A BK-RD WA 0.50 C90_2
8-EE14 WH-BU WA 0.50 C90_16
C113
C933
E911
Inertia Fuel Shutoff (IFS) Switch
SWITCH
FROM STOP LAMP SWITCH
C648
E901
Accelerator Pedal Position (APP) Sensor
PWM
91-RJ30 BK-YE WA 0.50
C96
C100
91S-BB6 BK-YE WA 0.35
C825
E904
Clutch Pedal Position (CPP) Switch
91-BB6 BK-YE WA 0.35
S15
91-DA6A BK-WH WA 0.75
G53A
RIGHT FRONT ROCKER PANEL 2 GROUND
C118
C809
MC01
Instrument Cluster
31 PEDAL +5V
14 ACC PEDAL INPUT
13 PEDAL GND
10 CLUTCH SWITCH
CAN
R19
E608
Fuel Pump Relay
G45
RIGHT REAR SEAT BRACKET GROUND
C234
GN-OG WK 0.75
BK WK 0.75
BK-RD WK 1.0

## Crankshaft Position (CKP) Sensor—D (G1336726)



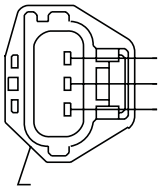
| | | | | | |
|---|---|---|---|---|---|
| 1 | A_RE135A | GN-BN | WK 0.50 | G | |
| 2 | D_VE711A | YE-VT | WK 0.50 | G | |
| 3 | LE135A | GY-VT | WK 0.50 | G | |

6M5T-14A464-FCA

C1E711-D
TO CRANKSHAFT POSITION SENSOR

HARNESS 12A690

## Diesel Particulate Filter (DPF) Differential Pressure Sensor (G1337085)



| | | | | | |
|---|---|---|---|---|---|
| 3 | VE713A | GN-OG | WK 0.50 | G | |
| 2 | RE147A | WH-BU | WK 0.50 | G | |
| 1 | LE147A | BN-BU | WK 0.50 | G | |

XW4T-14A464-FB

C1E749
TO DIFFERENTIAL PRESSURE SENSOR

HARNESS 12A690

## Engine Coolant Temperature (ECT) Sensor—D (G1336729)



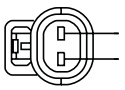
| | | | | | |
|---|---|---|---|---|---|
| 2 | RE141AC | BN-GN | WK 0.50 | G | |
| 1 | VE716A | YE | WK 0.50 | G | |

6M5T-14A464-FBA

C1E810-D
TO ENGINE COOLANT TEMP SENSOR

HARNESS 12A690

## Engine Oil Pressure (EOP) Switch—C (G1336725)



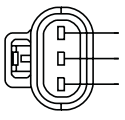
| | | | | | |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | CE908A | BU-BN | WK 0.50 | | |

6M5T-14A464-HBA

C1ET46-C
TO OIL PRESSURE SWITCH

HARNESS 12A690

## Fuel Rail Pressure (FRP) Sensor—A (G1336731)



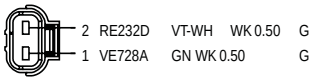
| | | | | | |
|---|---|---|---|---|---|
| 1 | VE727A | BU-BN | WK 0.50 | G | |
| 2 | RE238A | GN-VT | WK 0.50 | G | |
| 3 | LE238A | GY | WK 0.50 | G | |

6M5T-14A464-CCA

C1E727-A
TO FUEL RAIL PRESSURE SENSOR

HARNESS 12A690

## Fuel Rail Temperature Sensor—A (G1336730)

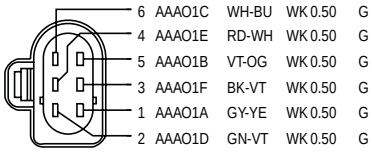



6M5T-14A464-FBA

C1E728-A
TO FUEL TEMP SENSOR

HARNESS 12A690

## Heated Oxygen Sensor (HO2S) (G1337084)

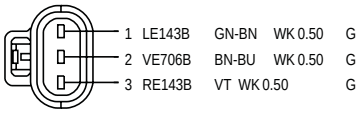



6G9T-14A464-XDA

C1E735
TO HEATED OXYGEN SENSOR

HARNESS 12A690

## Intake Camshaft Position (CMP) Sensor (G1336727)

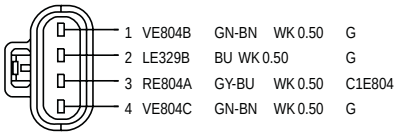



6M5T-14A464-HCA

C1E706
TO CAMSHAFT POSITION SENSOR

HARNESS 12A690

## Manifold Absolute Pressure and Temperature (MAPT) Sensor—A (G1336728)

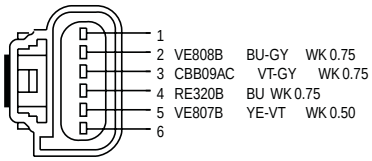



3M5T-14A464-FDB

C1E804-A
TO T-MAP SENSOR

HARNESS 12A690

## Mass Air Flow (MAF) Sensor—C (G1336732)

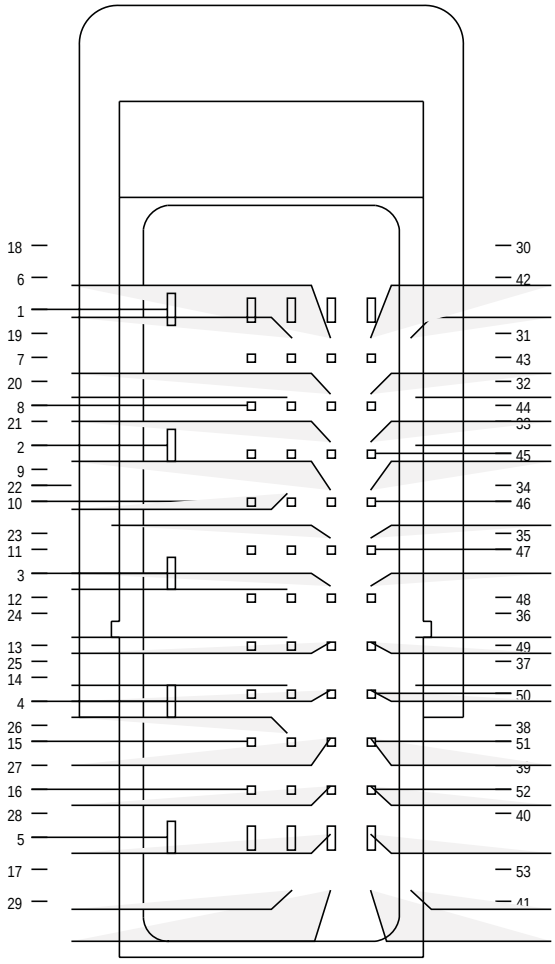



3W4T-14A464-VA(XXX)

C1E807-C
TO MASS AIR FLOW SENSOR

HARNESS 12A690

## Powertrain Control Module (PCM)—C (G1330920)




AV6N-14A464-BA(099)

C1E108-C

TO ECM DW10C CONNECTOR C

HARNESS 12A690

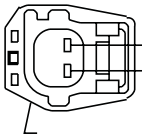
## Powertrain Control Module (PCM)—D (G1330921)

IMAGE NOT AVAILABLE

## Powertrain Control Module (PCM)—E (G1330922)

IMAGE NOT AVAILABLE

## Pre DPF Exhaust Gas Temperature Sensor (G1343274)



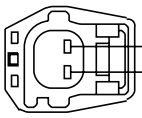
| | | | | | |
|---|---|---|---|---|---|
| 2 | RE146A | VT-OG | WK 0.50 | G | |
| 1 | VE722A | BN | WK 0.50 | G | |

XW4T-14A464-AJB

C1E747
TO EGT UPSTREAM SENSOR

HARNESS 12A690

## Post DPF Exhaust Gas Temperature Sensor (G1343275)



| | | | | | |
|---|---|---|---|---|---|
| 2 | RE145A | GY-VT | WK 0.50 | G | |
| 1 | VE726A | YE-GY | WK 0.50 | G | |

XW4T-14A464-AHB

C1E748
TO EGT DOWNSTREAM SENSOR

HARNESS 12A690

# SECTION 307-01A Automatic Transmission/Transaxle

**— Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD**

## VEHICLE APPLICATION: 2011.0 Kuga

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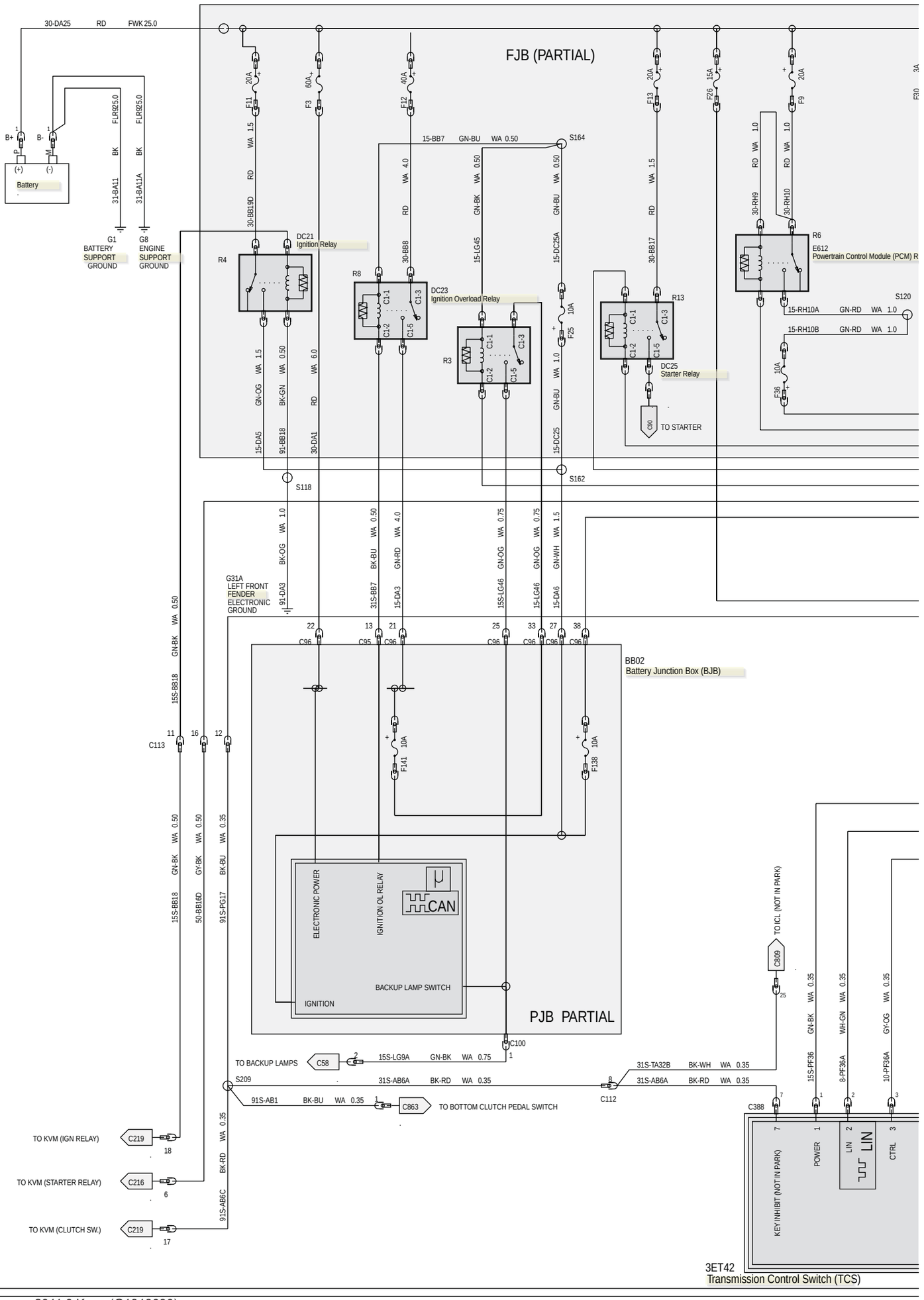
**ELECTRICAL SCHEMATICS**

Automatic Transmission/Transaxle..... 307-01A-2

**ELECTRICAL CONNECTORS**

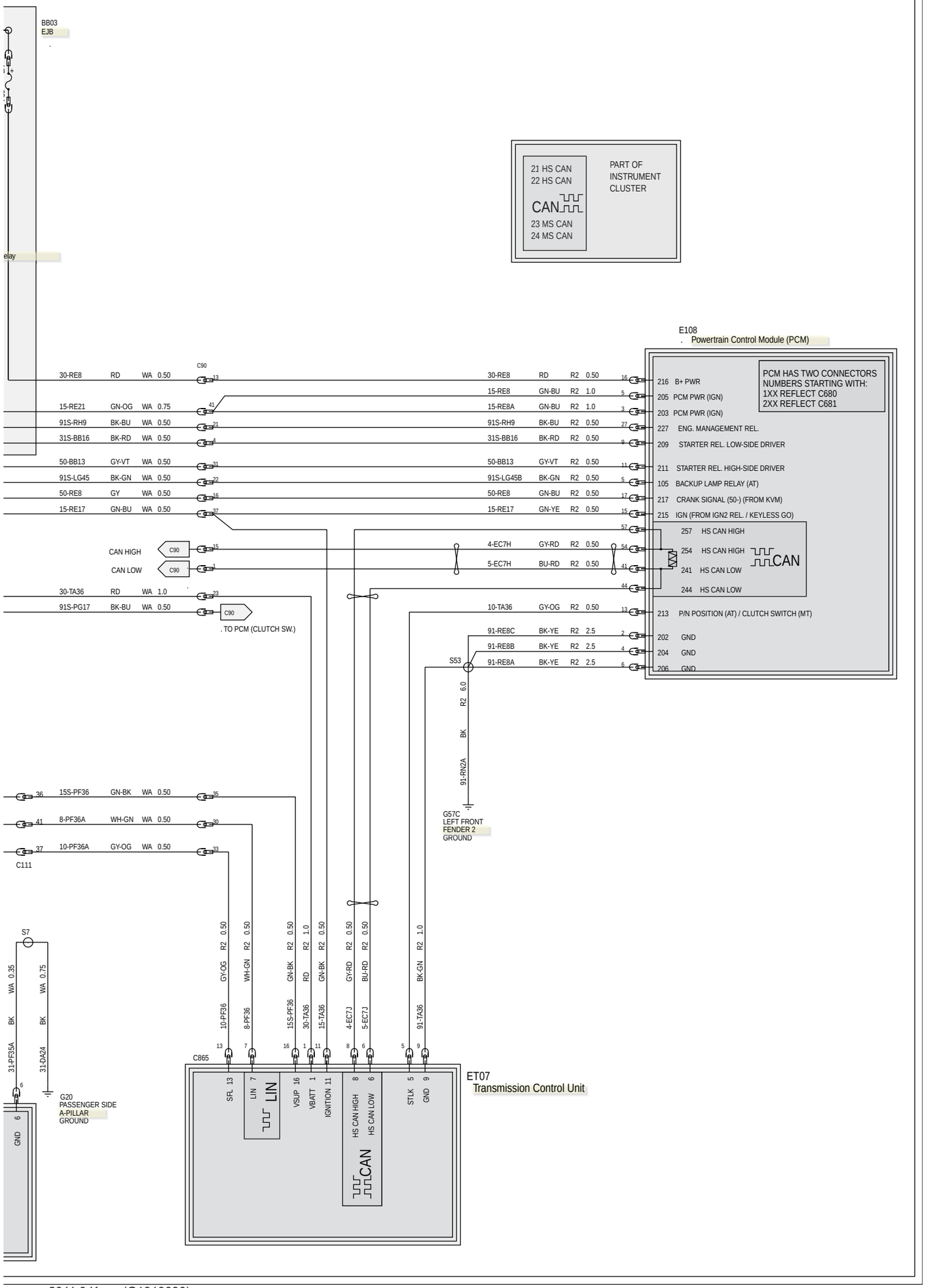
Transmission Control Unit..... 307-01A-4

307-01A-2 Automatic Transmission/Transaxle



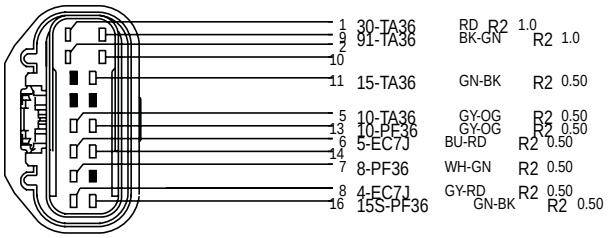

2011.0 Kuga (G1313090)

307-01A-3 Automatic Transmission/Transaxle




2011.0 Kuga (G1313090)

## Transmission Control Unit (G1236026)




6M5T-14A464-UNA

C865

TO TRANSMISSION CONTROL MODULE (TCM)

HARNESS 12A690

# SECTION 307-01B Automatic Transmission/Transaxle

**— Vehicles With: 6-Speed Automatic Transaxle - 6DCT450, LHD 4WD/RHD 4WD**

## VEHICLE APPLICATION: 2011.0 Kuga

CONTENTS PAGE

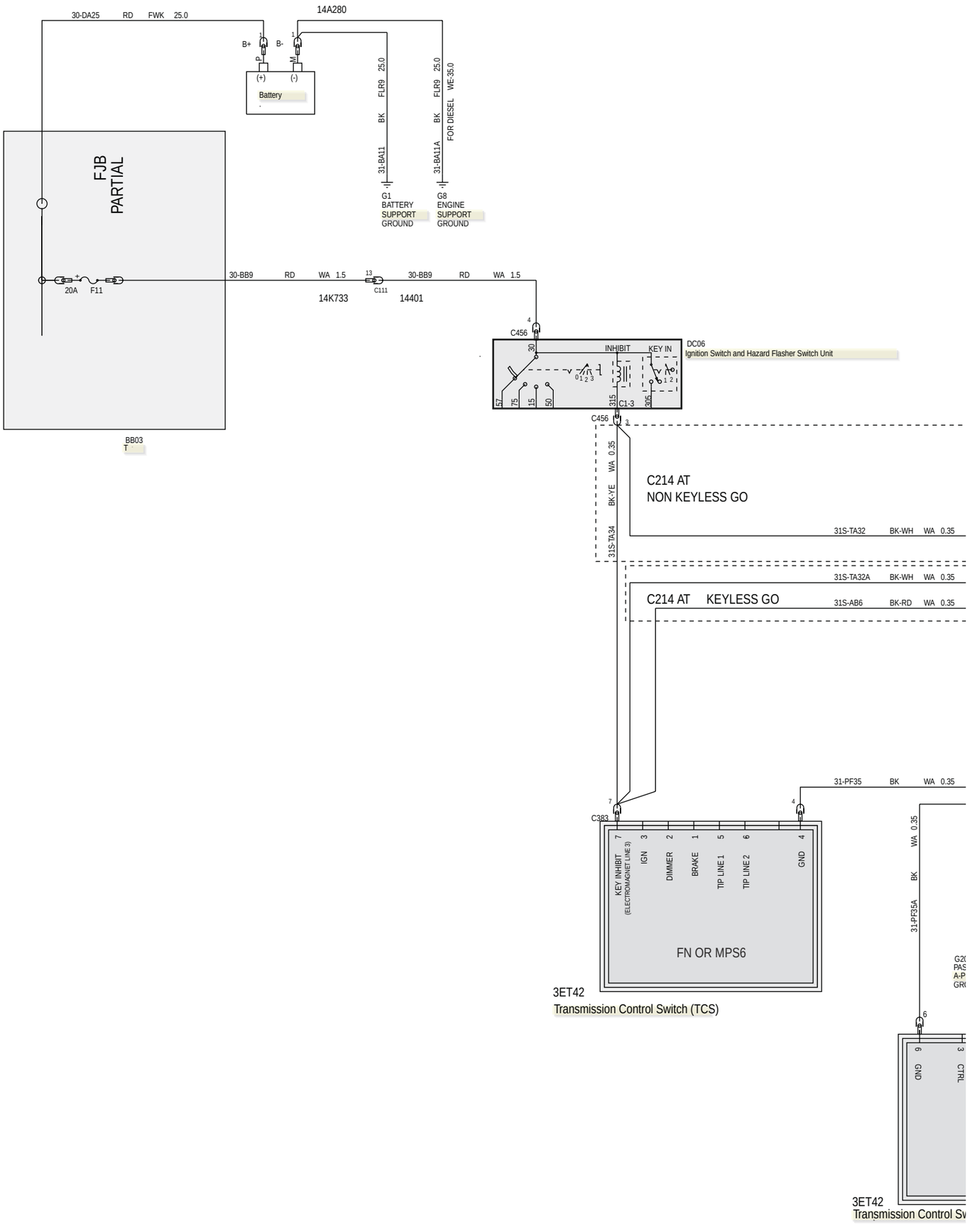
**ELECTRICAL SCHEMATICS**

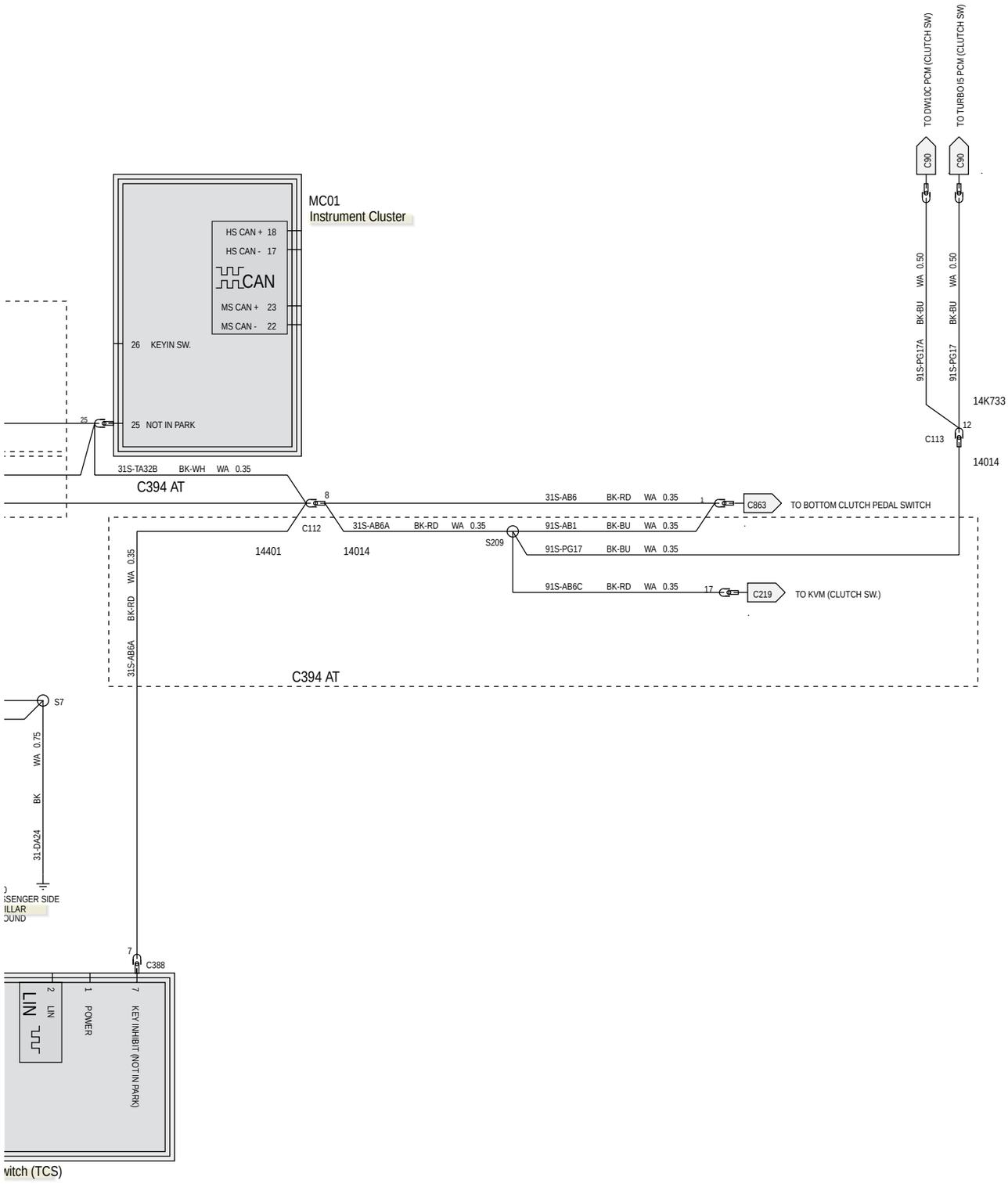
Automatic Transmission/Transaxle..... 307-01B-2

**ELECTRICAL CONNECTORS**

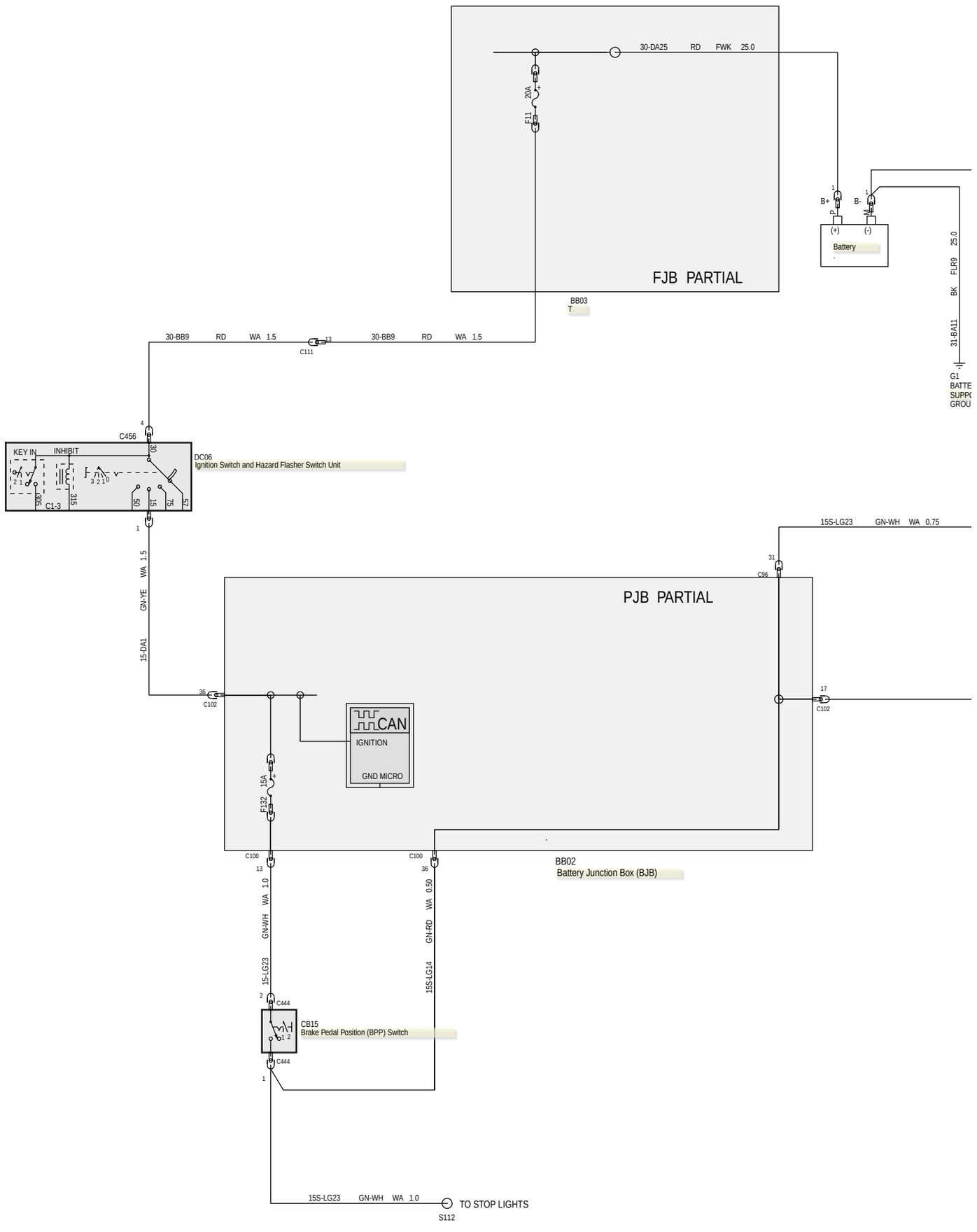
Transmission Control Unit..... 307-01B-8

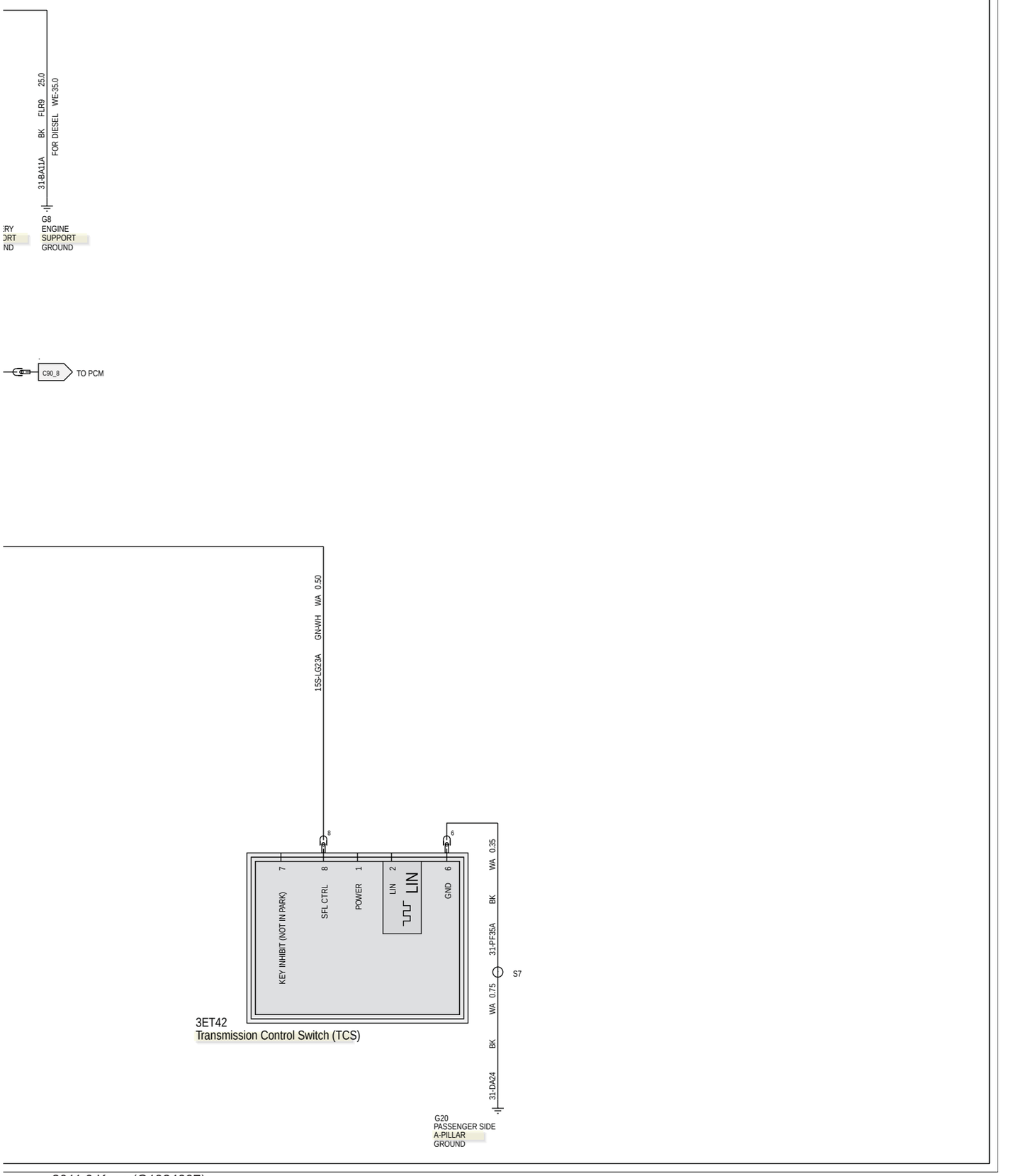
307-01B-2 Automatic Transmission/Transaxle



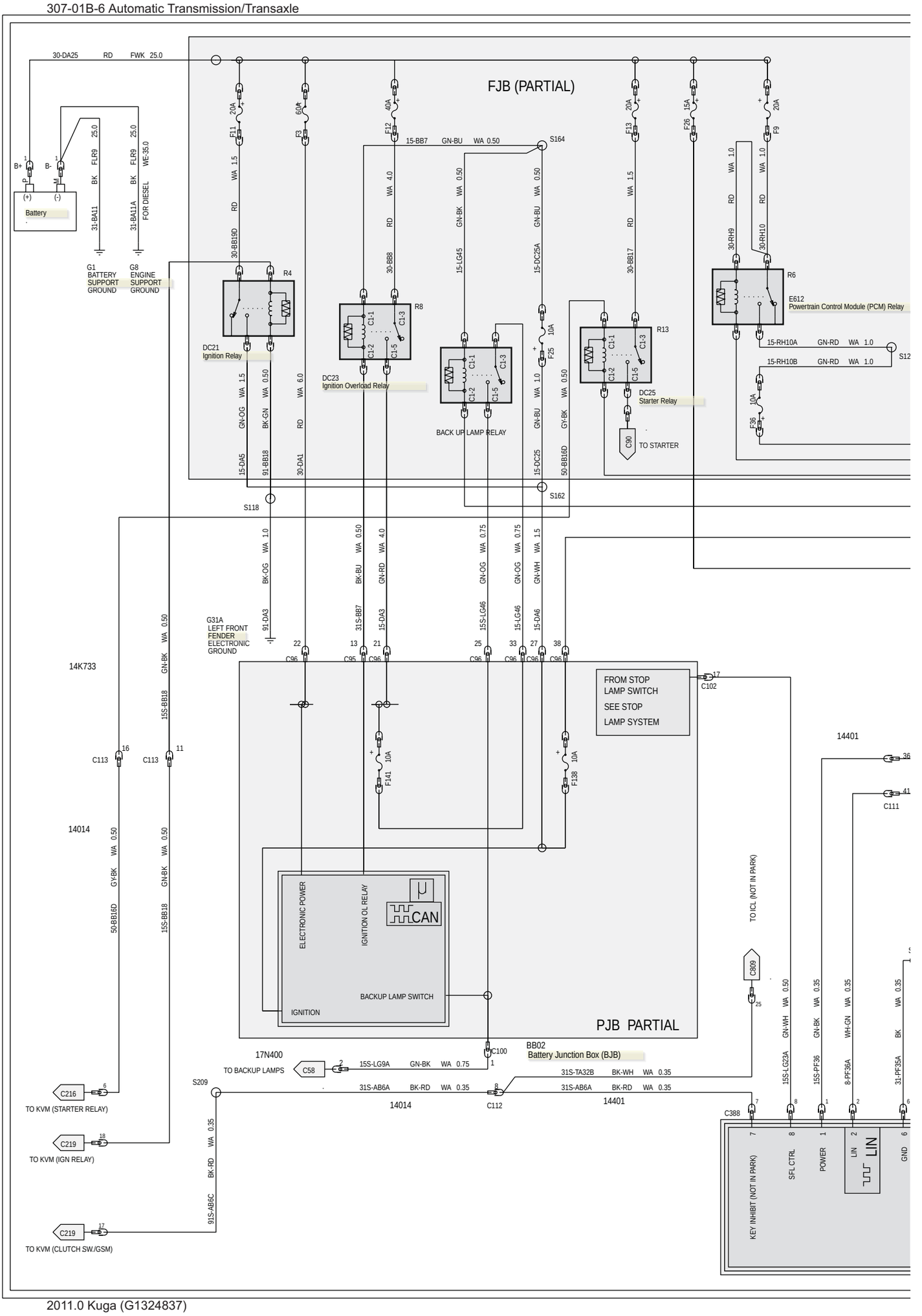

MC01
Instrument Cluster
HS CAN + 18
HS CAN - 17
CAN
MS CAN + 23
MS CAN - 22
26 KEYIN SW.
25 NOT IN PARK
25
31S-TA32B BK-WH WA 0.35
C394 AT
8
C112
14401
31S-AB6A BK-RD WA 0.35
14014
31S-AB6 BK-RD WA 0.35
1
C863
TO BOTTOM CLUTCH PEDAL SWITCH
S209
91S-AB1 BK-BU WA 0.35
91S-PG17 BK-BU WA 0.35
91S-AB6C BK-RD WA 0.35
17
C219
TO KVM (CLUTCH SW.)
31S-AB6A BK-RD WA 0.35
C394 AT
TO DW10C PCM (CLUTCH SW)
TO TURBO J5 PCM (CLUTCH SW)
C90
C90
91S-PG17A BK-BU WA 0.50
91S-PG17 BK-BU WA 0.50
14K733
12
C113
14014
S7
31-DA24 BK WA 0.75
7
C388
LIN
2 LIN
1 POWER
7 KEY INHIBIT (NOT IN PARK)
witch (TCS)

307-01B-4 Automatic Transmission/Transaxle



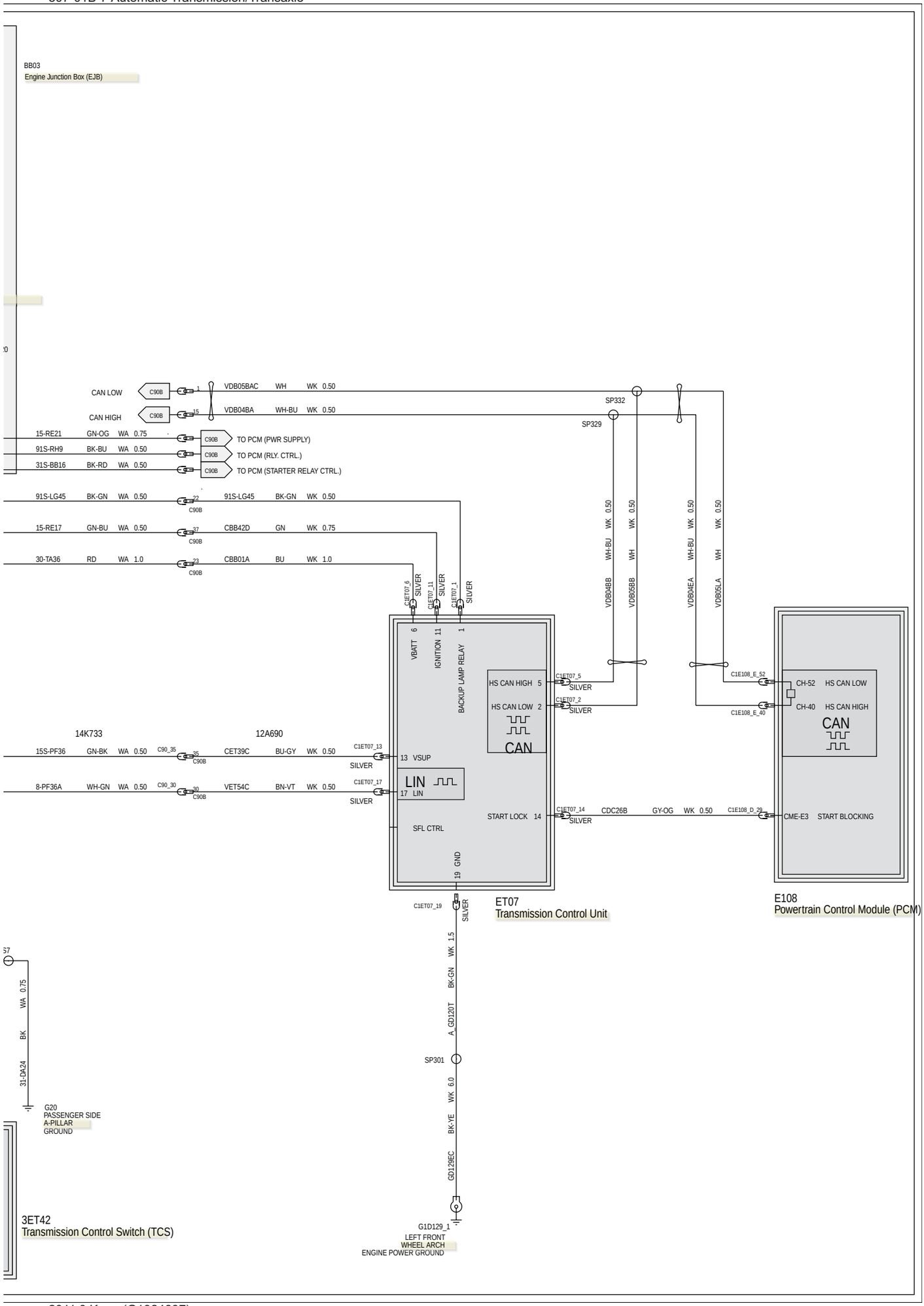

31-BA11A BK FLR9 25.0
FOR DIESEL WE-35.0
G8
ENGINE
SUPPORT
GROUND
C90_8
TO PCM
15S-LG23A GN-WH WA 0.50
8
6
7
8
1
2
6
KEY INHIBIT (NOT IN PARK)
SFL CTRL
POWER
LIN
GND
LIN
WA 0.35
BK
31-PF35A
S7
WA 0.75
BK
31-DA24
3ET42
Transmission Control Switch (TCS)
G20
PASSENGER SIDE
A-PILLAR
GROUND

307-01B-6 Automatic Transmission/Transaxle

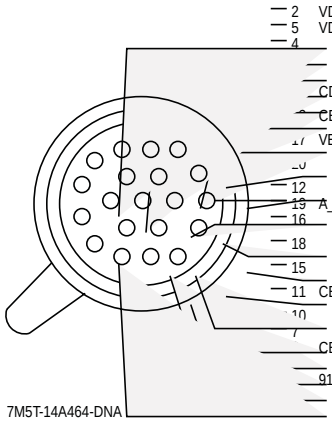



2011.0 Kuga (G1324837)

307-01B-7 Automatic Transmission/Transaxle



## Transmission Control Unit (G1324834)



| | | | | | |
|---|---|---|---|---|---|
| 2 | VDB05BB | WH | WK 0.50 | | S |
| 5 | VDB04BB | WH-BU | WK 0.50 | | S |
| 4 | | | | | |
| | CDC26B | GY-OG | WK 0.50 | | S |
| | CET39C | BU-GY | WK 0.50 | | S |
| 17 | VET54C | BN-VT | WK 0.50 | | S |
| 12 | | | | | |
| 19 | A_GD120T | BK-GN | WK 1.5 | | S |
| 16 | | | | | |
| 18 | | | | | |
| 15 | | | | | |
| 11 | CBB42D | GN | WK 0.75 | | S |
| 10 | | | | | |
| 7 | CBB01A | BU | WK 1.0 | | S |
| | 91S-LG45 | BK-GN | WK 0.50 | | S |

7M5T-14A464-DNA
C1ET07
TO TRANSMISSION CONTROL MODULE 6DCT450
HARNESS 12A690

# SECTION 307-05 Automatic Transmission/Transaxle External Controls

## VEHICLE APPLICATION: 2011.0 Kuga

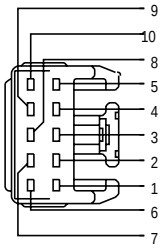
CONTENTS PAGE

### ELECTRICAL CONNECTORS

Selector Lever Assembly..... 307-05-2
Transmission Control Switch (TCS)..... 307-05-2
Transmission Control Switch (TCS)..... 307-05-2

## Selector Lever Assembly (G1234434)

PIN 7 => 31S-AB6 BK-RD 0.35 WA + 31S-TA32A BK-WH 0.35 WA
PIN 7 => 31S-TA34 BK-YE 0.35 WA + 31S-AB6 BK-RD 0.35 WA




4 31-PF35 BK WA 0.35
2 29S-PF35 OG-BK WA 0.35
1 15S-LG23 GN-WH WA 0.50
7 31S-TA32A BK-WH WA 0.35 + 31S-AB6 BK-RD WA 0.35

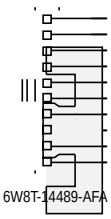
4S7T-14489-VJA

C383
TO GEAR SHIFT MODULE

HARNESS 14401

## Transmission Control Switch (TCS) (G1234435)

PIN 3 => AW55
PIN 8 => 6DCT450



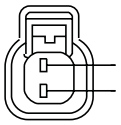

8 15S-LG23A GN-WH WA 0.50
7 31S-AB6A BK-RD WA 0.35
6 31-PF35A BK WA 0.35
3 10-PF36A GY-OG WA 0.35
2 8-PF36A WH-GN WA 0.35
1 15S-PF36 GN-BK WA 0.35

6W8T-14489-AFA

C388
TO GEAR SHIFT MODULE AW55/6DCT450

HARNESS 14401

## Transmission Control Switch (TCS) (G1234437)



1 15S-LG9 GN-BK WK 1.0
2 15-LG28 GN-WH WK 1.0

XR3T-14A464-AA

C866
TO TRANSMISSION SWITCH HC

HARNESS 12A690

# SECTION 308-07 Four-Wheel Drive Systems

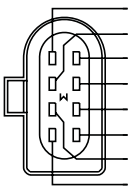
## VEHICLE APPLICATION: 2011.0 Kuga

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**ELECTRICAL CONNECTORS**

Four-Wheel Drive (4WD) Control Module..... 308-07-2

## Four-Wheel Drive (4WD) Control Module (G1234440)



| | | | | |
|---|---|---|---|---|
| 8 | 4-EC7A | GY-RD | WK | 0.50 |
| 6 | | | | |
| 7 | 5-EC7A | BU-RD | WK | 0.50 |
| 5 | | | | |
| 3 | | | | |
| 1 | 15-CG17 | GN-OG | WK | 0.75 |
| 4 | 91-CG17 | BK-RD | WK | 1.0 |
| 2 | 31-CG17 | BK | WK | 0.75 |

2M5T-14A464-ZHA

C988
TO AWD MODULE

HARNESS 2B325

# SECTION 309-00 Exhaust System — 2.0L Duratorq-TDCi (DW) Diesel

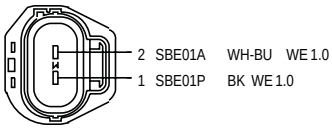
## VEHICLE APPLICATION: 2011.0 Kuga

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### ELECTRICAL CONNECTORS

Fuel Vaporizer System Glow Plug — A..... 309-00-2
Fuel Vaporizer System Fuel Pump — A..... 309-00-2

## Fuel Vaporizer System Glow Plug—A (G1337077)

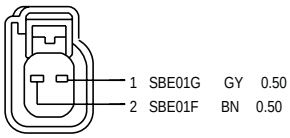



97BG-14A464-VBB

C1E156-A
TO VAPORIZER GLOW PLUG

HARNESS 12A690

## Fuel Vaporizer System Fuel Pump—A (G1337078)




AU5T-14A464-PA

C1E523-A
TO VAPORIZER FUEL PUMP

HARNESS 12A690

# SECTION 310-01 Fuel Tank and Lines

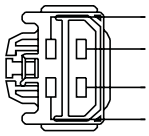
## VEHICLE APPLICATION: 2011.0 Kuga

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### ELECTRICAL CONNECTORS

Direct Current/Alternating Current (DC/AC) Inverter..... 310-01-2
Fuel Pump and Sender Unit..... 310-01-2
Fuel Pump Relay..... 310-01-2
Inertia Fuel Shutoff (IFS) Switch..... 310-01-3
Water-in-Fuel Sensor..... 310-01-3
Water-in-Fuel Sensor — A..... 310-01-3

## Direct Current/Alternating Current (DC/AC) Inverter (G1234444)

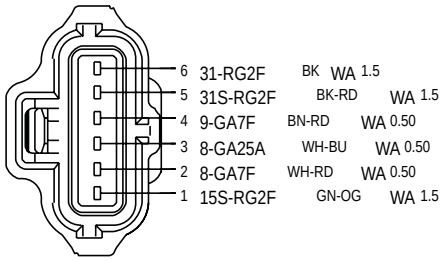



XR8T-14489-EB

C482
TO POWER CONVERTER

HARNESS 15K857

## Fuel Pump and Sender Unit (G1246104)

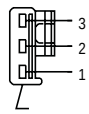



8V4T-14A464-DFA
C736
TO FUEL PUMP I5
HARNESS 14014

## Fuel Pump Relay (G1313039)

IMAGE NOT AVAILABLE

## Inertia Fuel Shutoff (IFS) Switch (G1234445)



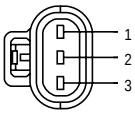

| | | | | |
|---|---|---|---|---|
| 2 | 91S-RH5B | BK-BU | WA 0.35 | |
| 1 | 91S-RP3A | BK-RD | WA 0.35 | |

E8AB-14489-AA

C933
TO INERTIA FUEL SHUT-OFF SWITCH

HARNESS 14401

## Water-in-Fuel Sensor (G1234446)



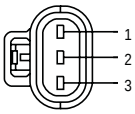
| | | | | |
|---|---|---|---|---|
| 1 | 15-RJ32 | GN-RD | WK 0.50 | G |
| 2 | 91-RJ32 | BK-OG | WK 0.50 | G |
| 3 | 8-RJ32 | WH-BU | WK 0.50 | G |

3M5T-14A464-FCA

C778
TO WATER IN FUEL

HARNESS 12A690

## Water-in-Fuel Sensor—A (G1337087)



| | | | | |
|---|---|---|---|---|
| 1 | CBB11AA | BN | WK 0.75 | |
| 2 | A_GD120J | BK-GN | WK 1.0 | |
| 3 | VE823A | BU-BN | WK 0.50 | |

6M5T-14A464-FCA

C1E823-A
TO WATER IN FUEL

HARNESS 12A690

# SECTION 310-03 Speed Control

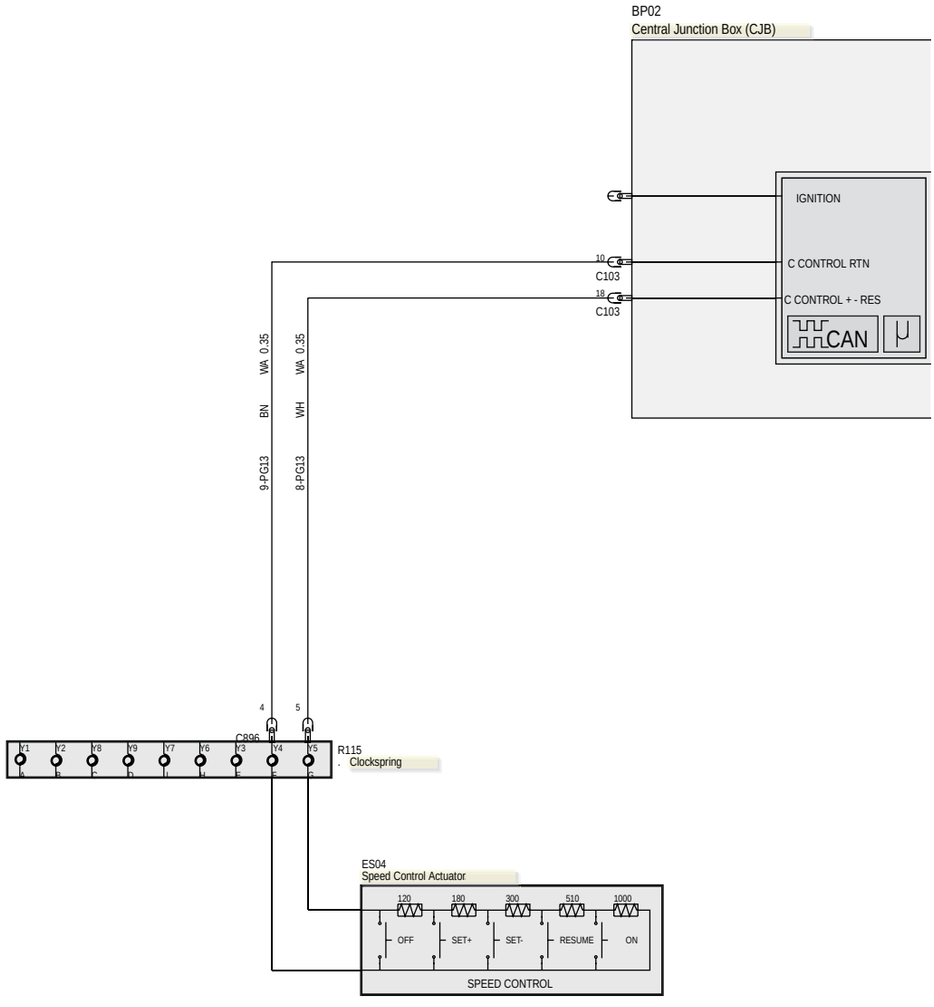
## VEHICLE APPLICATION: 2011.0 Kuga

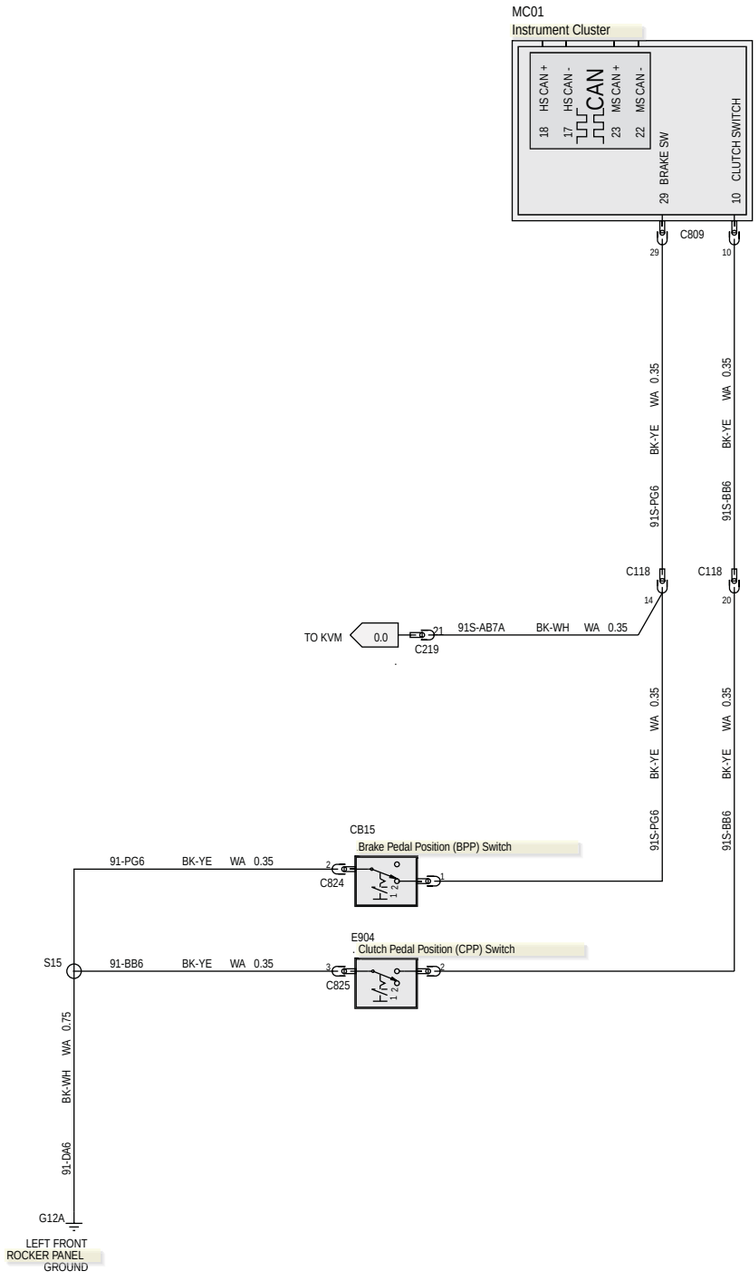
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### ELECTRICAL SCHEMATICS

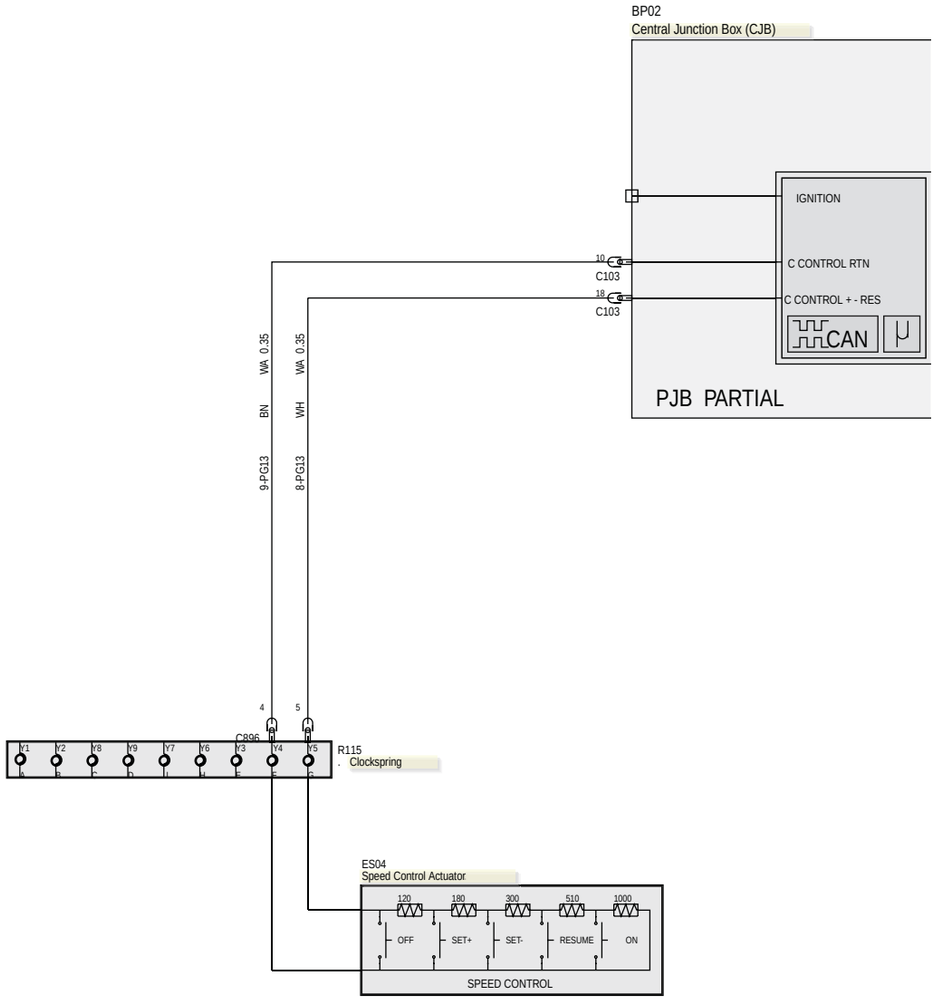
Speed Control — LHD 4WD/LHD FWD..... 310-03-2
Speed Control — RHD 4WD/RHD FWD..... 310-03-4

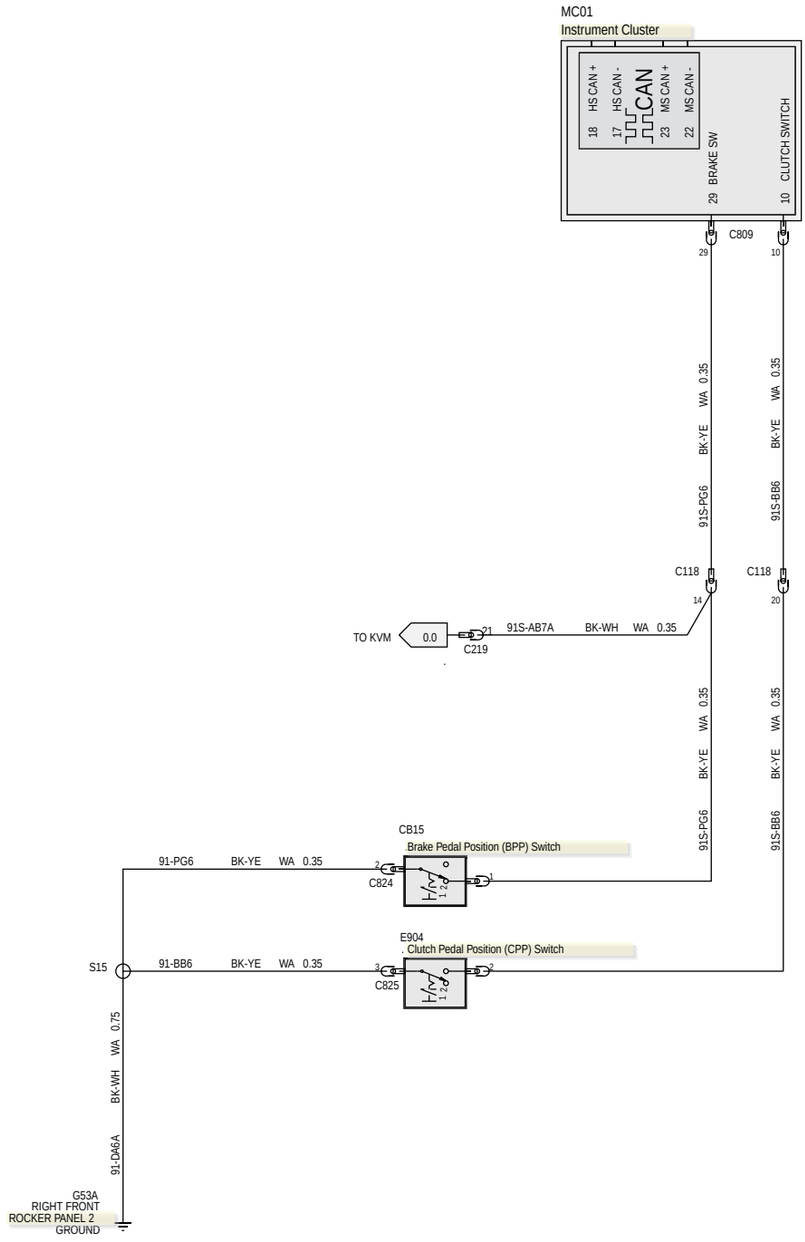
310-03-2 Speed Control—LHD 4WD/LHD FWD




MC01
Instrument Cluster
18 HS CAN +
17 HS CAN -
CAN
23 MS CAN +
22 MS CAN -
29 BRAKE SW
10 CLUTCH SWITCH
C809
29
10
91S-PG6 BK-YE WA 0.35
91S-BB6 BK-YE WA 0.35
C118
14
C118
20
TO KVM
0.0
21
C219
91S-AB7A BK-WH WA 0.35
91S-PG6 BK-YE WA 0.35
91S-BB6 BK-YE WA 0.35
CB15
Brake Pedal Position (BPP) Switch
91-PG6 BK-YE WA 0.35
C824
E904
. Clutch Pedal Position (CPP) Switch
S15
91-BB6 BK-YE WA 0.35
C825
91-DA6 BK-WH WA 0.75
G12A
LEFT FRONT
ROCKER PANEL
GROUND

310-03-4 Speed Control—RHD 4WD/RHD FWD




MC01
Instrument Cluster
18 HS CAN +
17 HS CAN -
CAN
23 MS CAN +
22 MS CAN -
29 BRAKE SW
10 CLUTCH SWITCH
C809
29
10
91S-PG6 BK-YE WA 0.35
91S-BB6 BK-YE WA 0.35
C118
14
C118
20
TO KVM
0.0
21
C219
91S-AB7A BK-WH WA 0.35
91S-PG6 BK-YE WA 0.35
91S-BB6 BK-YE WA 0.35
CB15
Brake Pedal Position (BPP) Switch
91-PG6 BK-YE WA 0.35
C824
E904
. Clutch Pedal Position (CPP) Switch
S15
91-BB6 BK-YE WA 0.35
C825
91-DA6A BK-WH WA 0.75
G53A
RIGHT FRONT
ROCKER PANEL 2
GROUND

GROUP

# 4

# Electrical

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# SECTION 412-01 Climate Control

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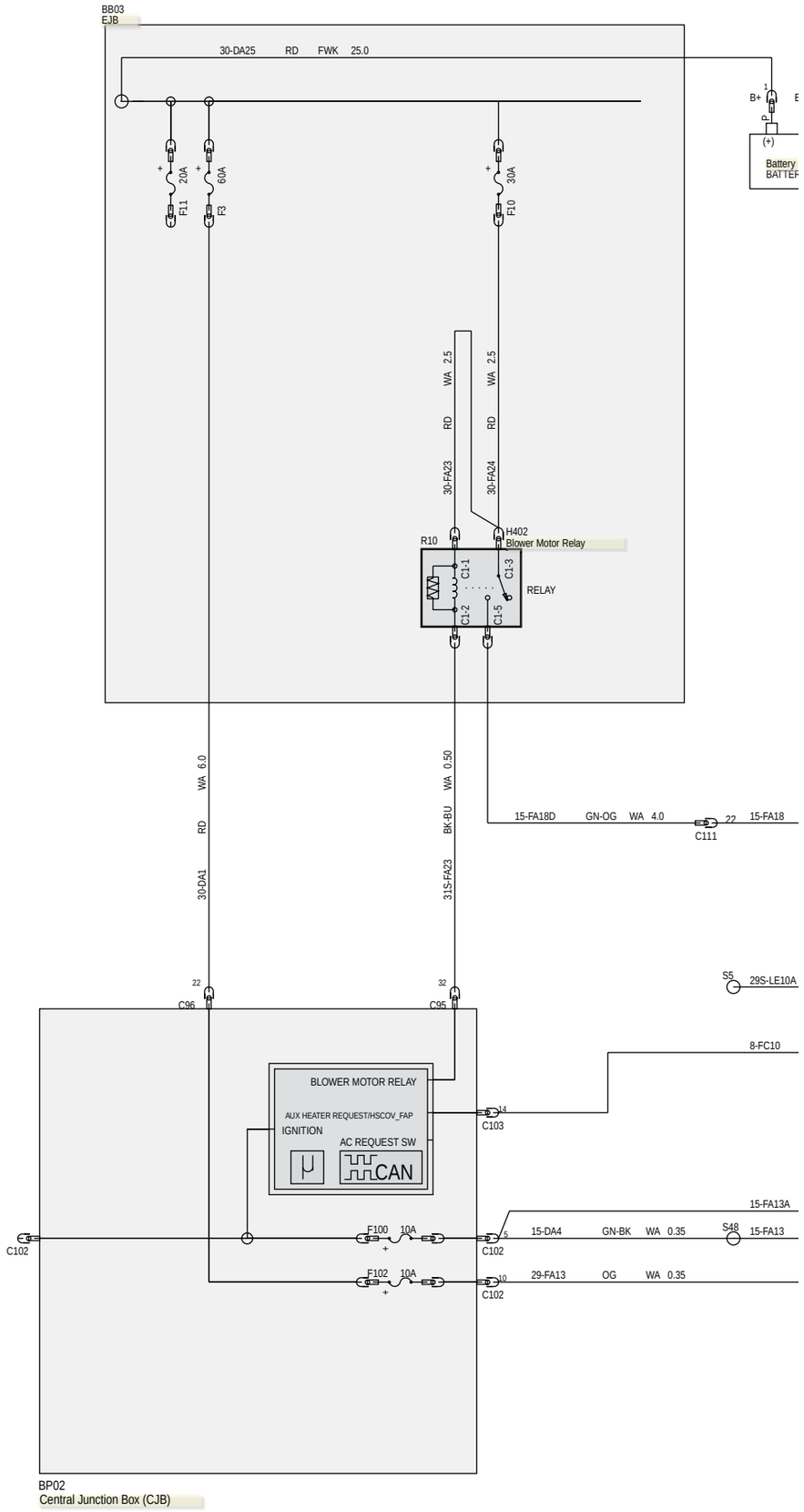
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### ELECTRICAL CONNECTORS

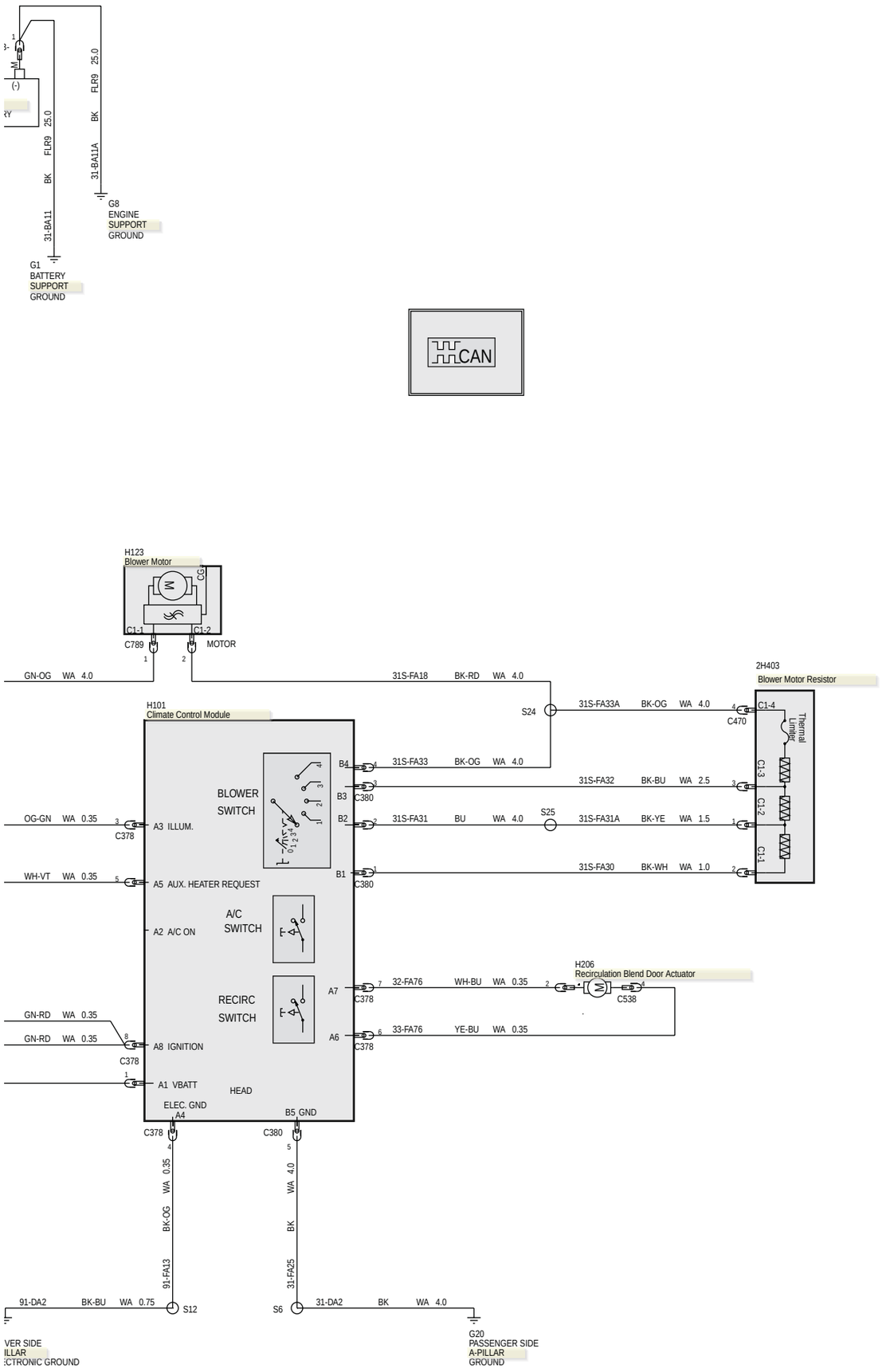
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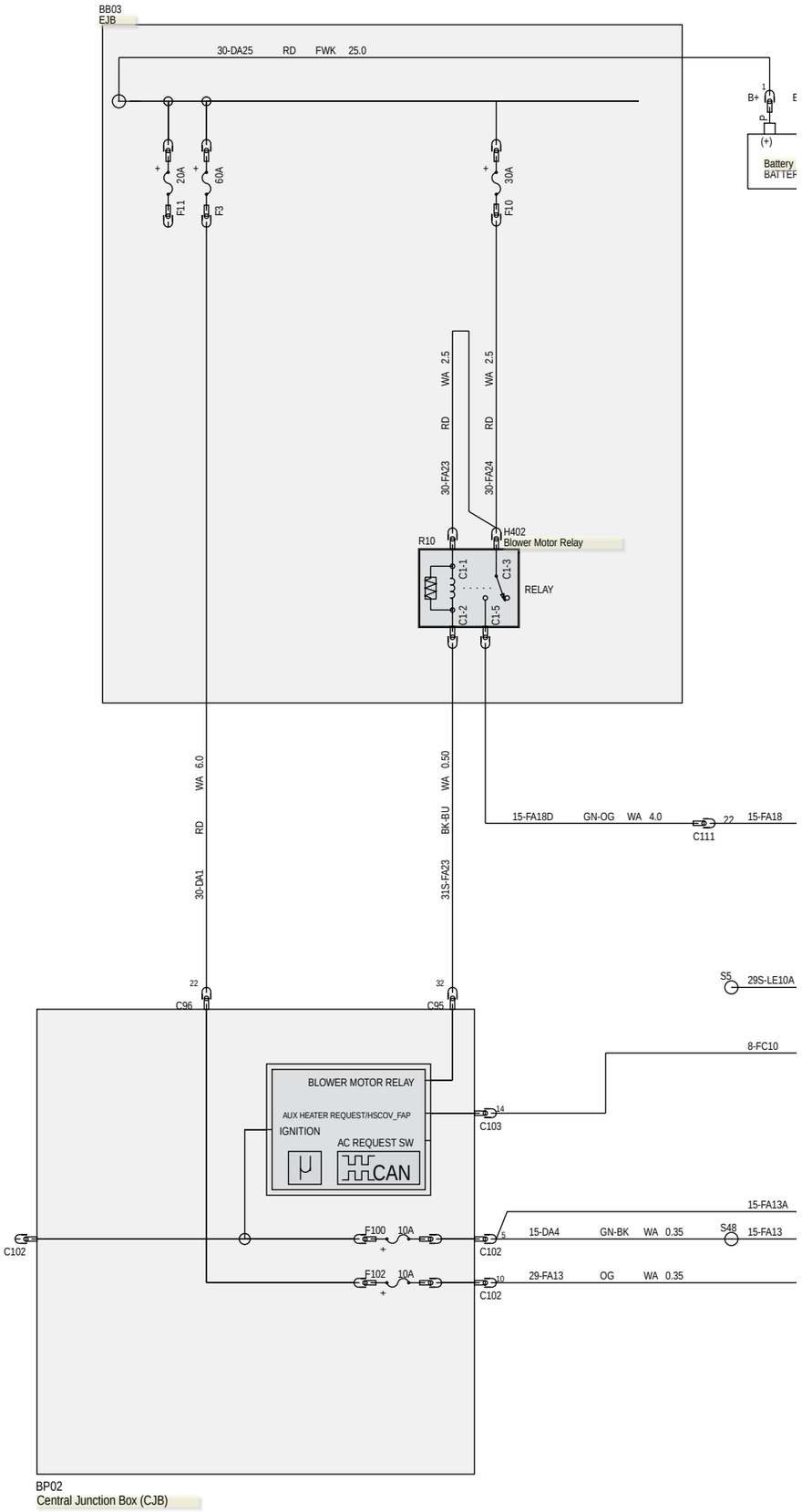
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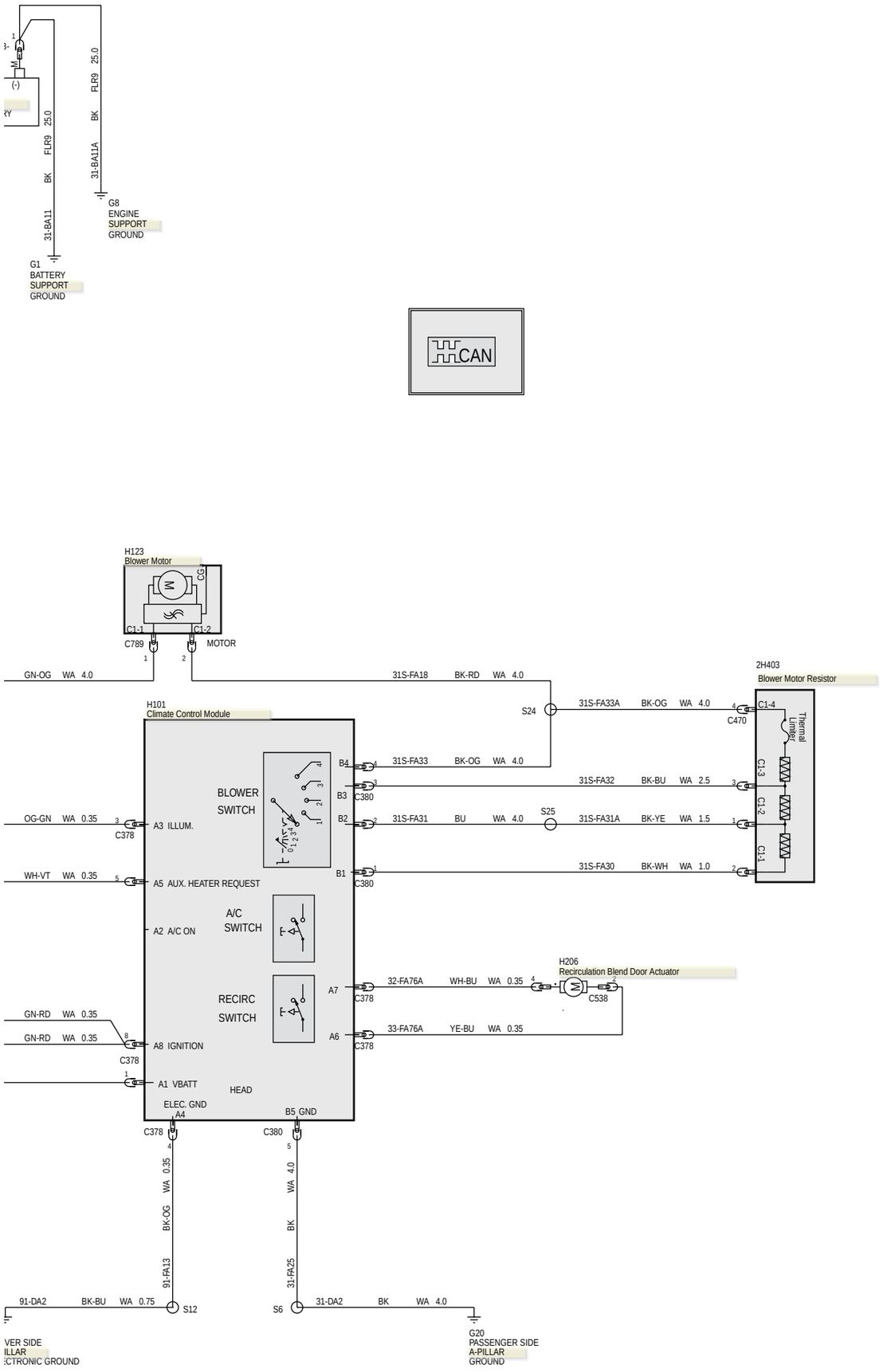

BB03
EJB
30-DA25 RD FWK 25.0
B+
(+)
Battery
BATTERY
F11 20A
F3 60A
F10 30A
30-FA23 RD WA 2.5
30-FA24 RD WA 2.5
R10
H402
Blower Motor Relay
C1-1
C1-2
C1-3
C1-5
RELAY
30-DA1 RD WA 6.0
31S-FA23 BK-BU WA 0.50
15-FA18D GN-OG WA 4.0
C111
22
15-FA18
C96
C95
S5
29S-LE10A
8-FC10
BLOWER MOTOR RELAY
AUX HEATER REQUEST/HSCOV_FAP
IGNITION
AC REQUEST SW
CAN
C103
15-FA13A
F100 10A
F102 10A
C102
15-DA4 GN-BK WA 0.35
S48
15-FA13
29-FA13 OG WA 0.35
BP02
Central Junction Box (CJB)

412-01-4 Climate Control—LHD 4WD/LHD FWD, Vehicles Without: Air Conditioning

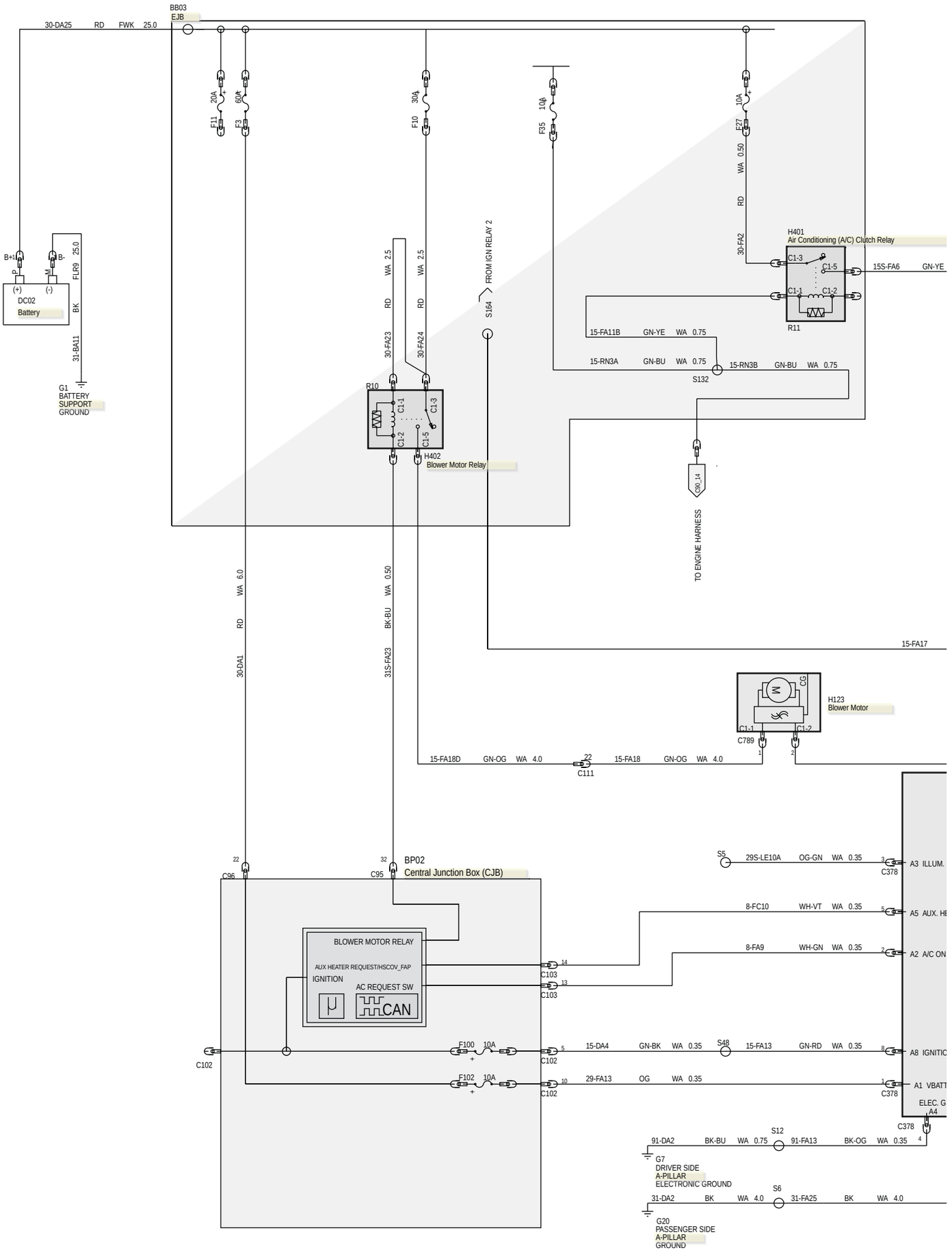


412-01-5 Climate Control—RHD 4WD/RHD FWD, Vehicles Without: Air Conditioning

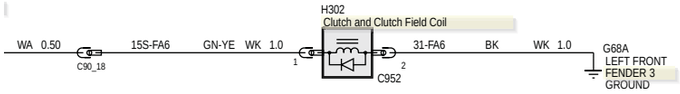


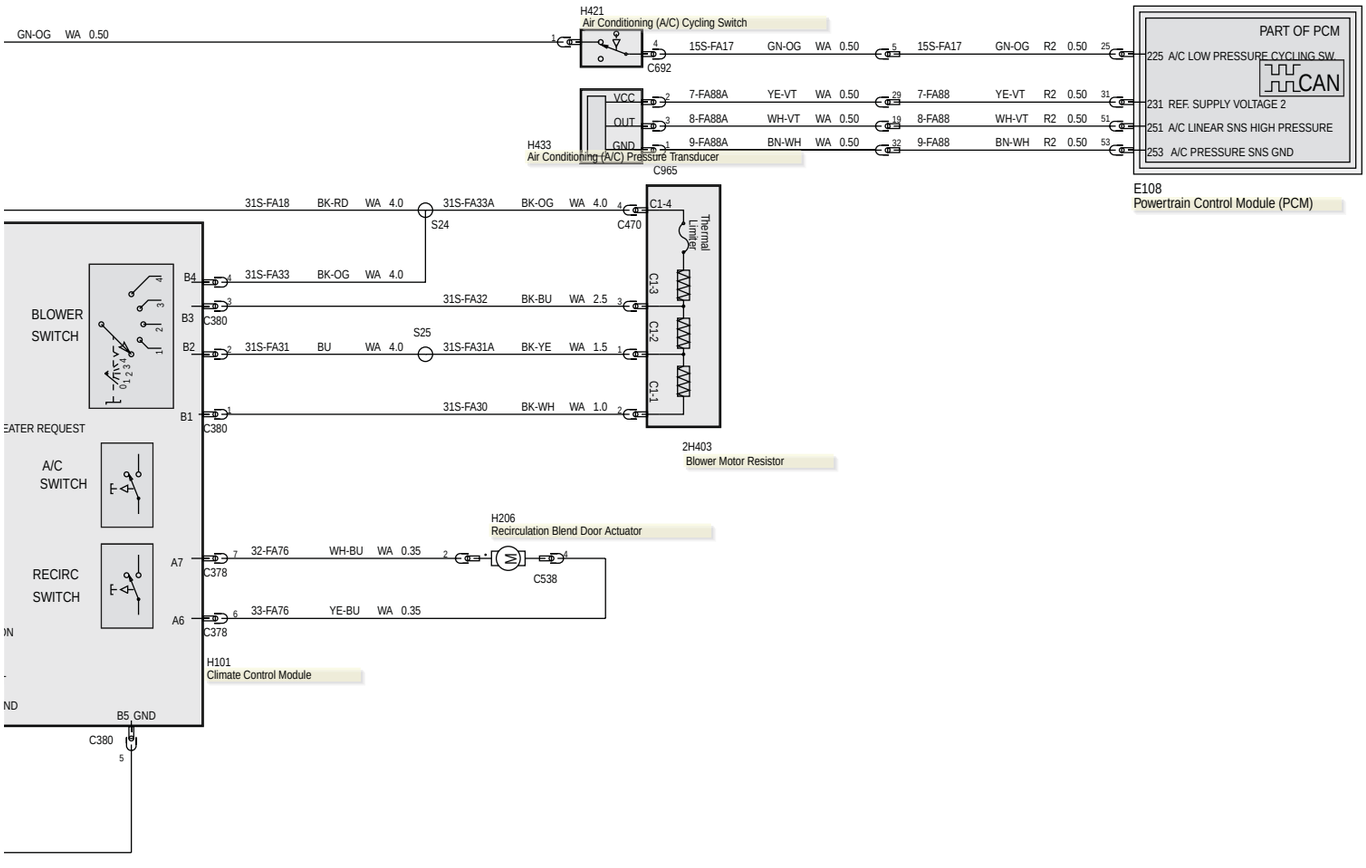

G8
ENGINE
SUPPORT
GROUND
G1
BATTERY
SUPPORT
GROUND
CAN
H123
Blower Motor
C1-1
C1-2
C789
MOTOR
2H403
Blower Motor Resistor
C1-4
C470
Thermal
Limiter
C1-3
C1-2
C1-1
H101
Climate Control Module
BLOWER
SWITCH
A/C
SWITCH
RECIRC
SWITCH
A3 ILLUM.
A5 AUX. HEATER REQUEST
A2 A/C ON
A8 IGNITION
A1 VBATT
HEAD
ELEC. GND
A4
B5 GND
C378
C380
S24
S25
S12
S6
H206
Recirculation Blend Door Actuator
C538
G20
PASSENGER SIDE
A-PILLAR
GROUND

412-01-7 Climate Control—2.5L Duratec (147kW/200PS) - VI5, LHD 4WD, Vehicles With: Manual Temperature Control

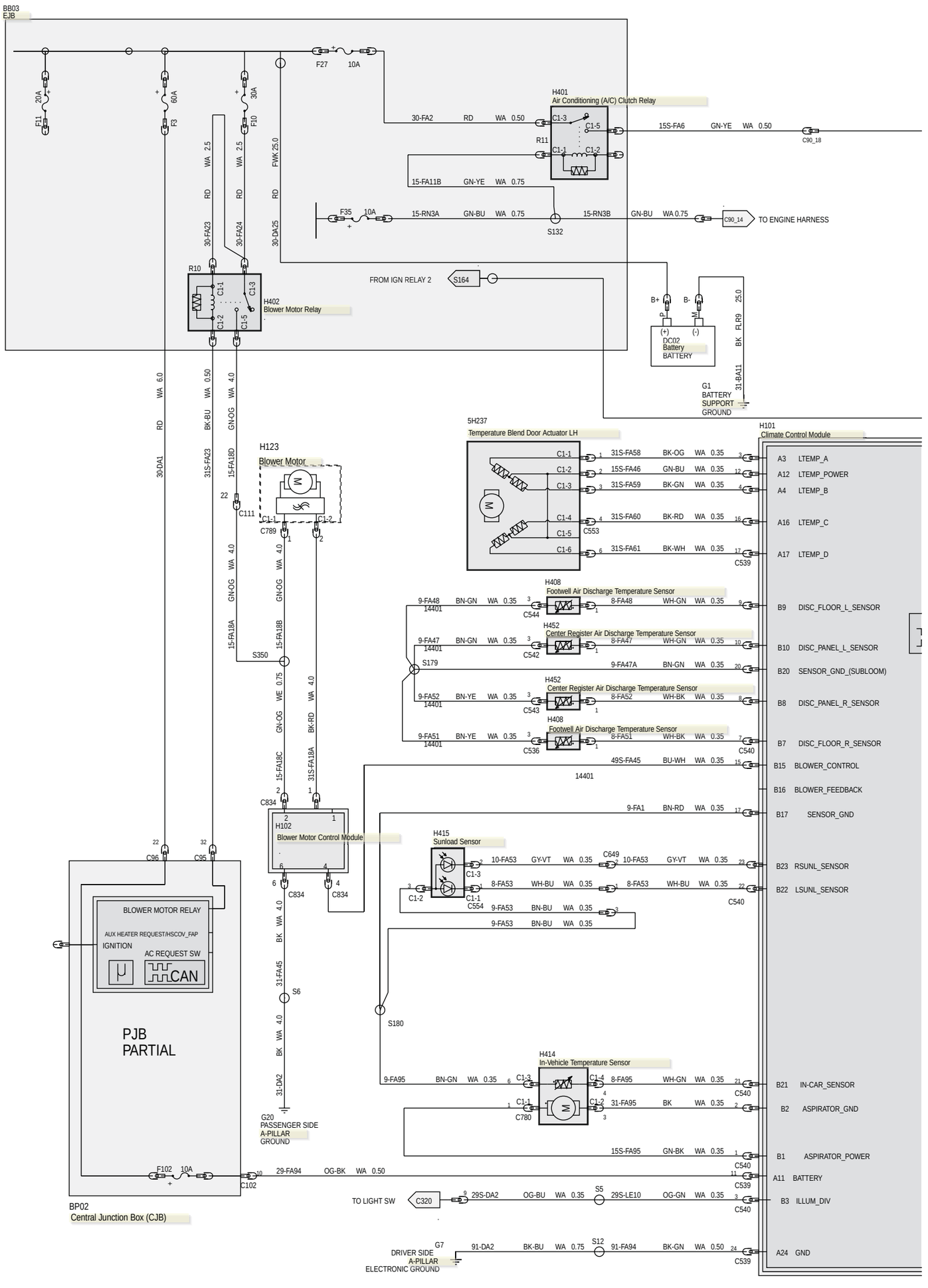


412-01-8 Climate Control—2.5L Duratec (147kW/200PS) - VI5, LHD 4WD, Vehicles With: Manual Temperature Control

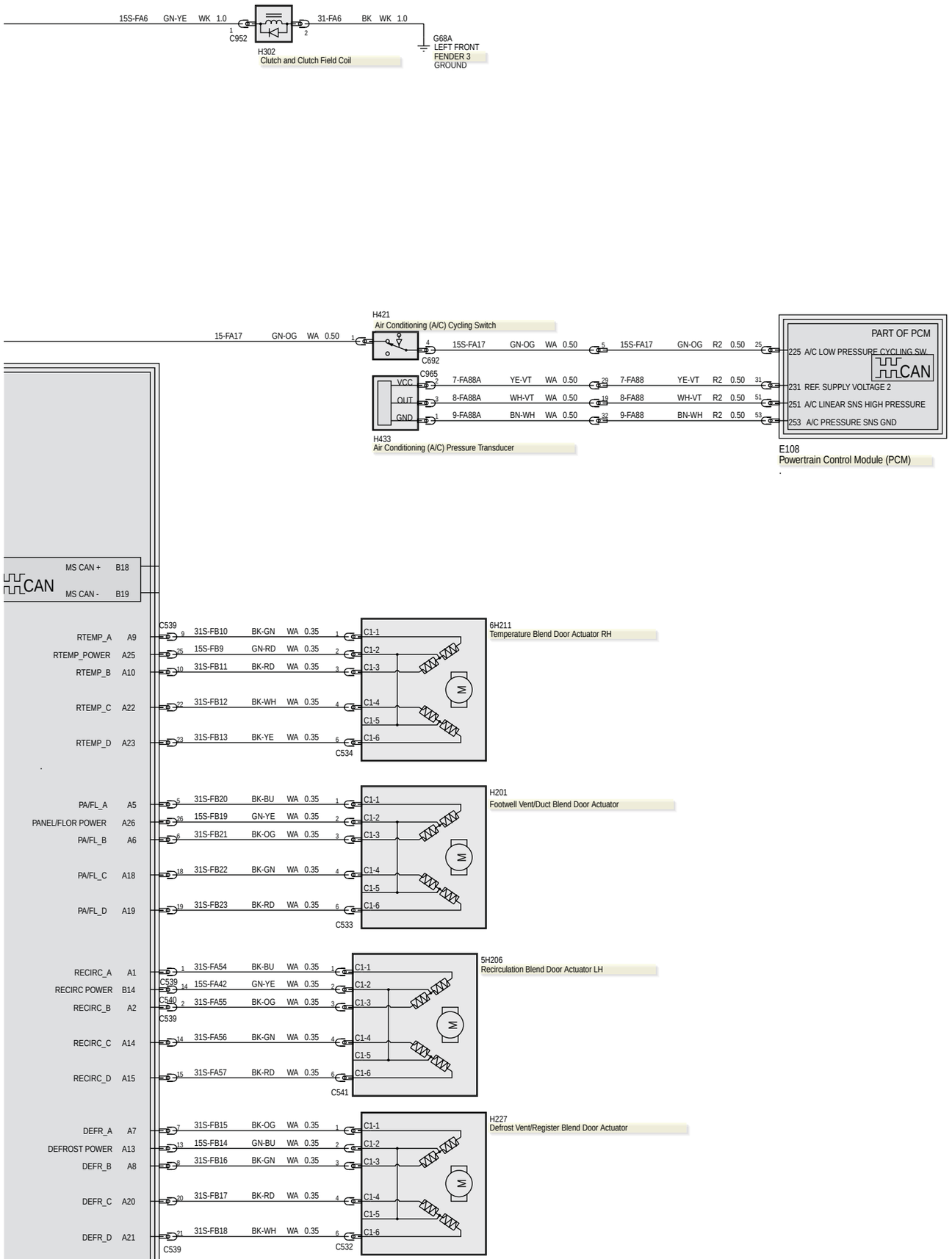


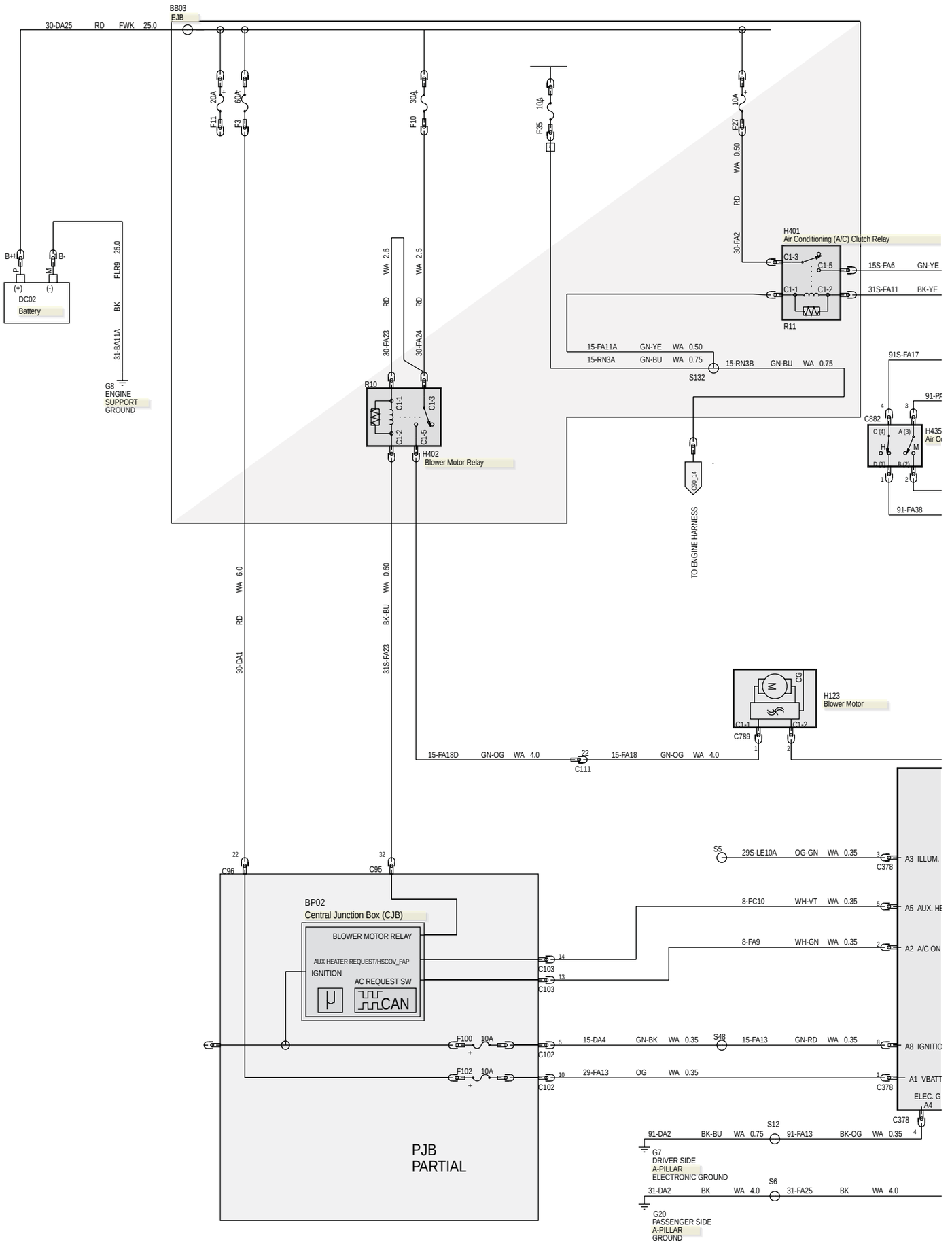
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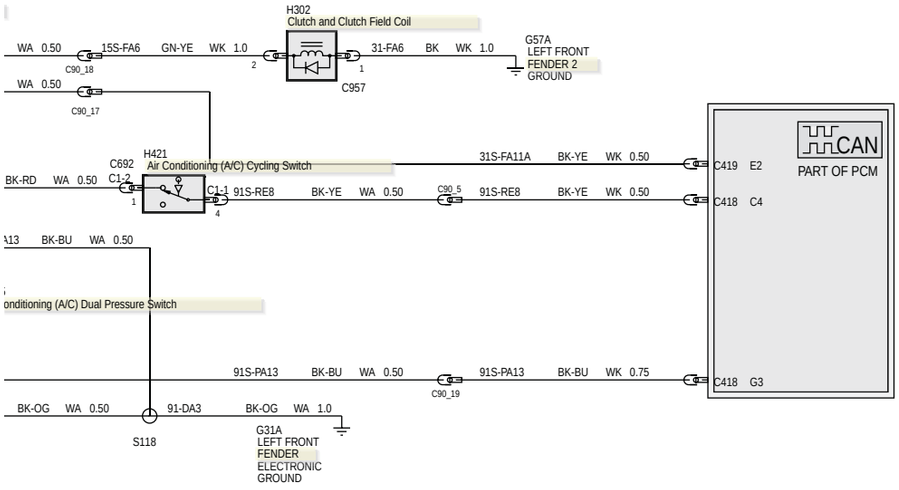


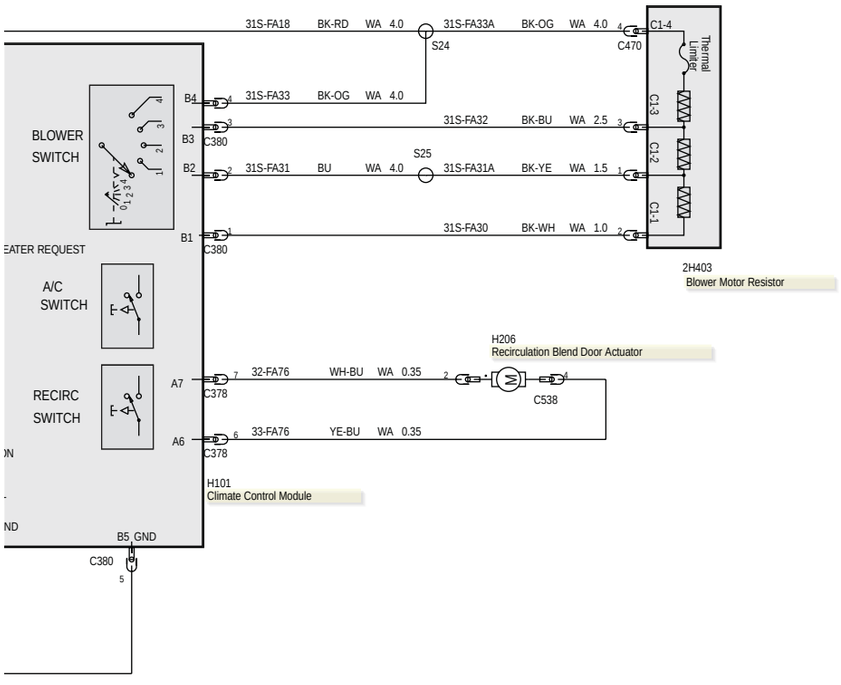
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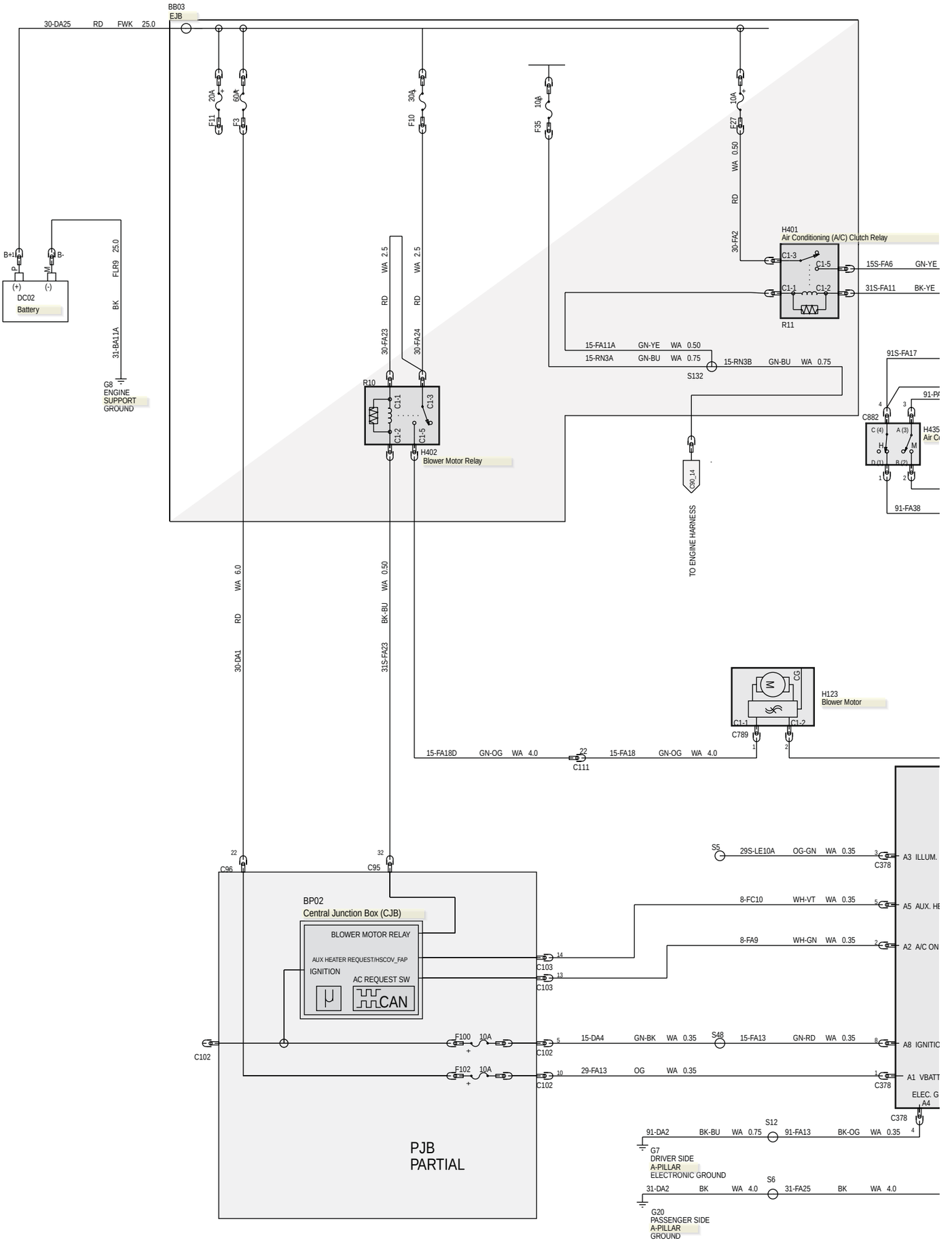
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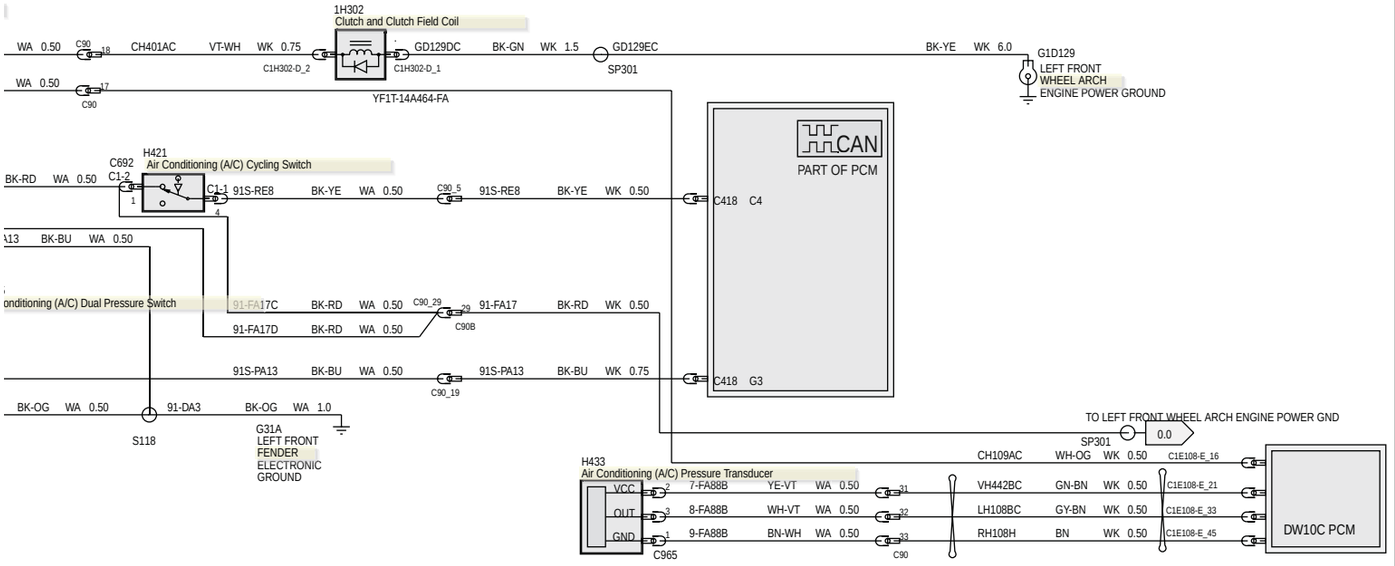

H302
Clutch and Clutch Field Coil
WA 0.50
15S-FA6
GN-YE
WK 1.0
C90_18
31-FA6
BK
WK 1.0
G57A
LEFT FRONT
FENDER 2
GROUND
C957
WA 0.50
C90_17
H421
Air Conditioning (A/C) Cycling Switch
C692
C1-2
BK-RD
WA 0.50
C1-1
91S-RE8
BK-YE
WA 0.50
C90_5
91S-RE8
BK-YE
WK 0.50
31S-FA11A
BK-YE
WK 0.50
C419 E2
C418 C4
CAN
PART OF PCM
BK-BU
WA 0.50
onditioning (A/C) Dual Pressure Switch
91S-PA13
BK-BU
WA 0.50
C90_19
91S-PA13
BK-BU
WK 0.75
C418 G3
BK-OG
WA 0.50
91-DA3
BK-OG
WA 1.0
S118
G31A
LEFT FRONT
FENDER
ELECTRONIC
GROUND

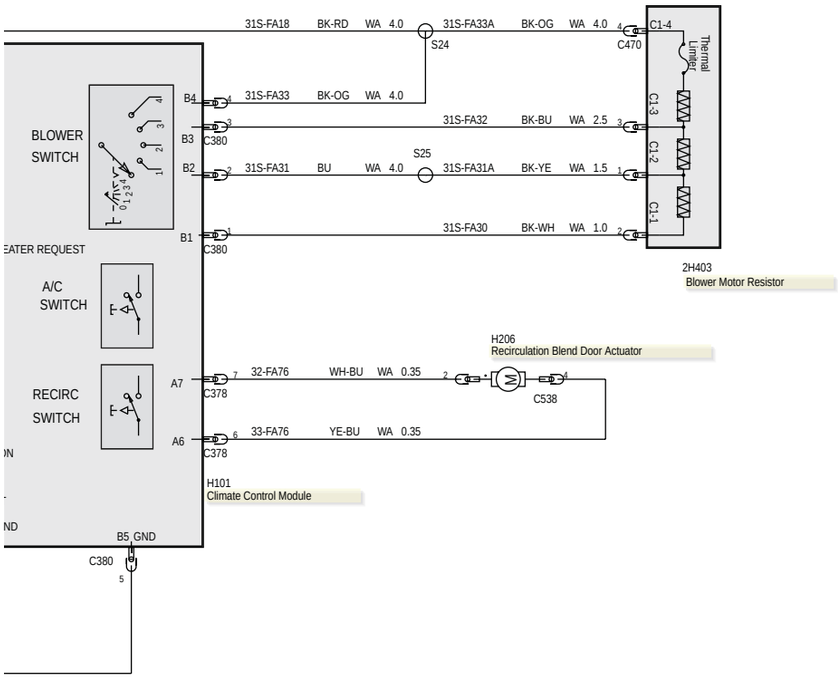

31S-FA18
BK-RD
WA 4.0
S24
31S-FA33A
BK-OG
WA 4.0
C470
C1-4
Thermal
Limiter
C1-3
C1-2
C1-1
BLOWER
SWITCH
B4
B3
B2
B1
C380
31S-FA33
BK-OG
WA 4.0
31S-FA32
BK-BU
WA 2.5
S25
31S-FA31
BU
WA 4.0
31S-FA31A
BK-YE
WA 1.5
31S-FA30
BK-WH
WA 1.0
2H403
Blower Motor Resistor
EATER REQUEST
A/C
SWITCH
RECIRC
SWITCH
H206
Recirculation Blend Door Actuator
A7
A6
C378
32-FA76
WH-BU
WA 0.35
C538
33-FA76
YE-BU
WA 0.35
H101
Climate Control Module
B5 GND
C380

412-01-13 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V, Vehicles With: Manual Temperature Control



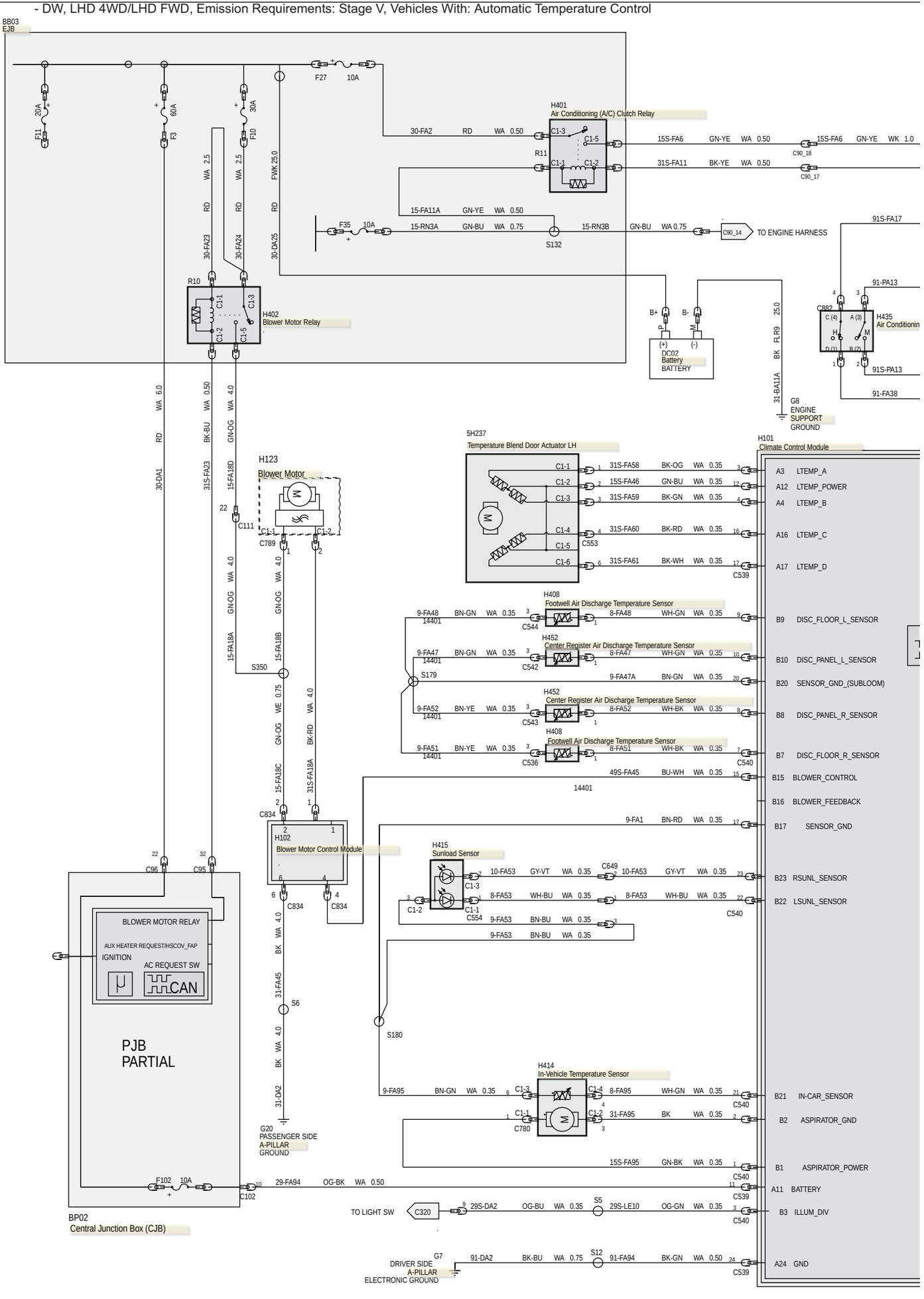
412-01-14 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V, Vehicles With: Manual Temperature Control



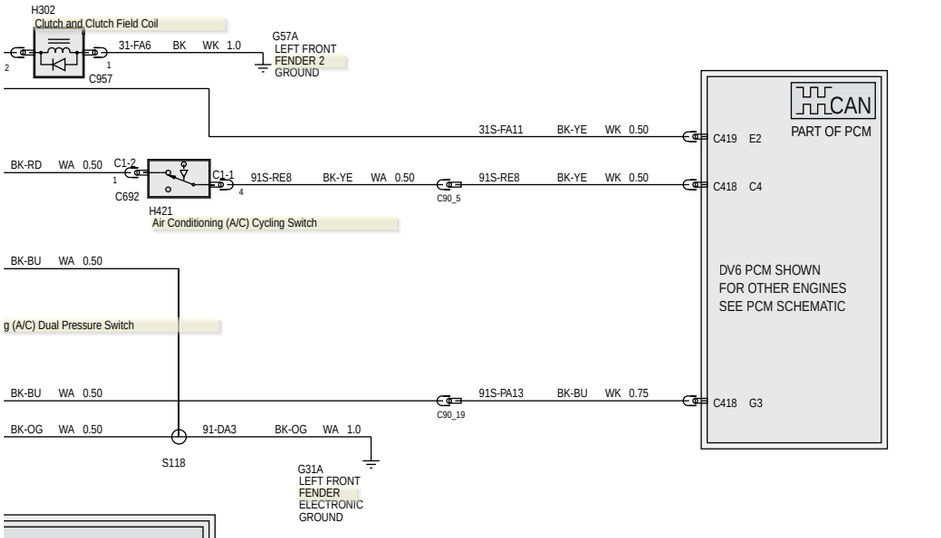
412-01-15 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS)

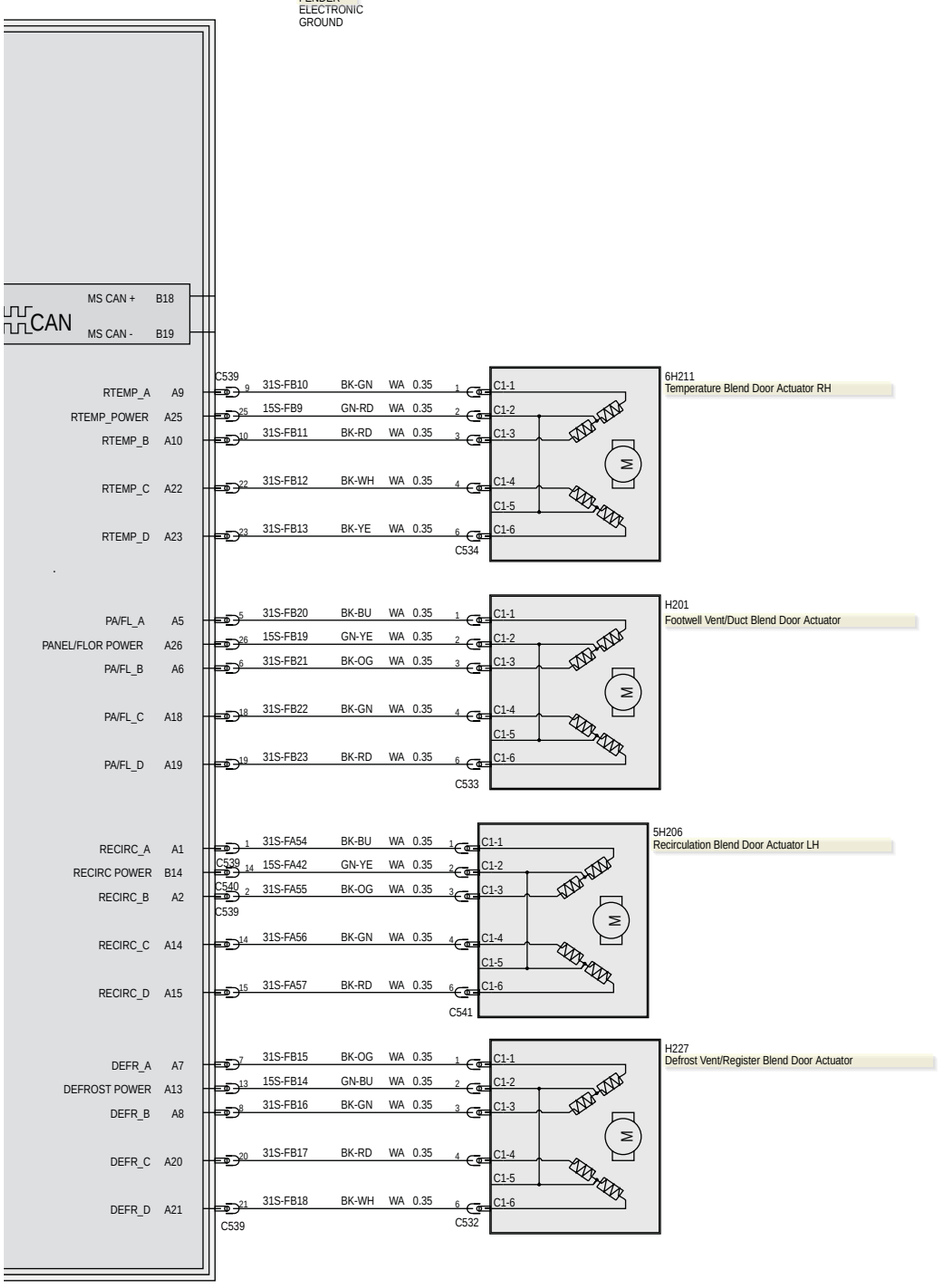
- DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V, Vehicles With: Automatic Temperature Control



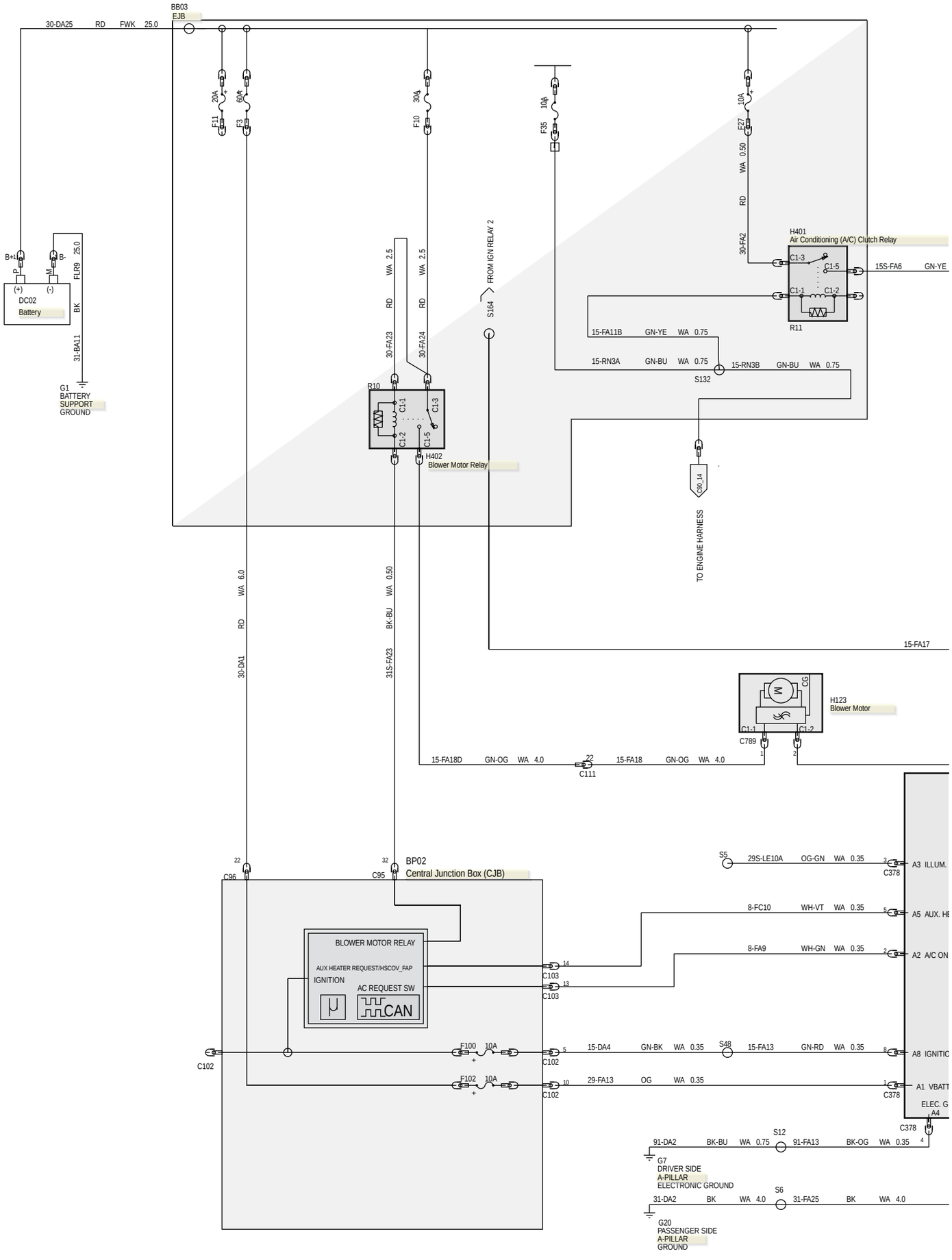
412-01-16 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS)

- DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V, Vehicles With: Automatic Temperature Control

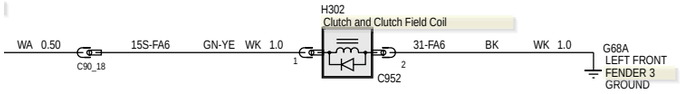


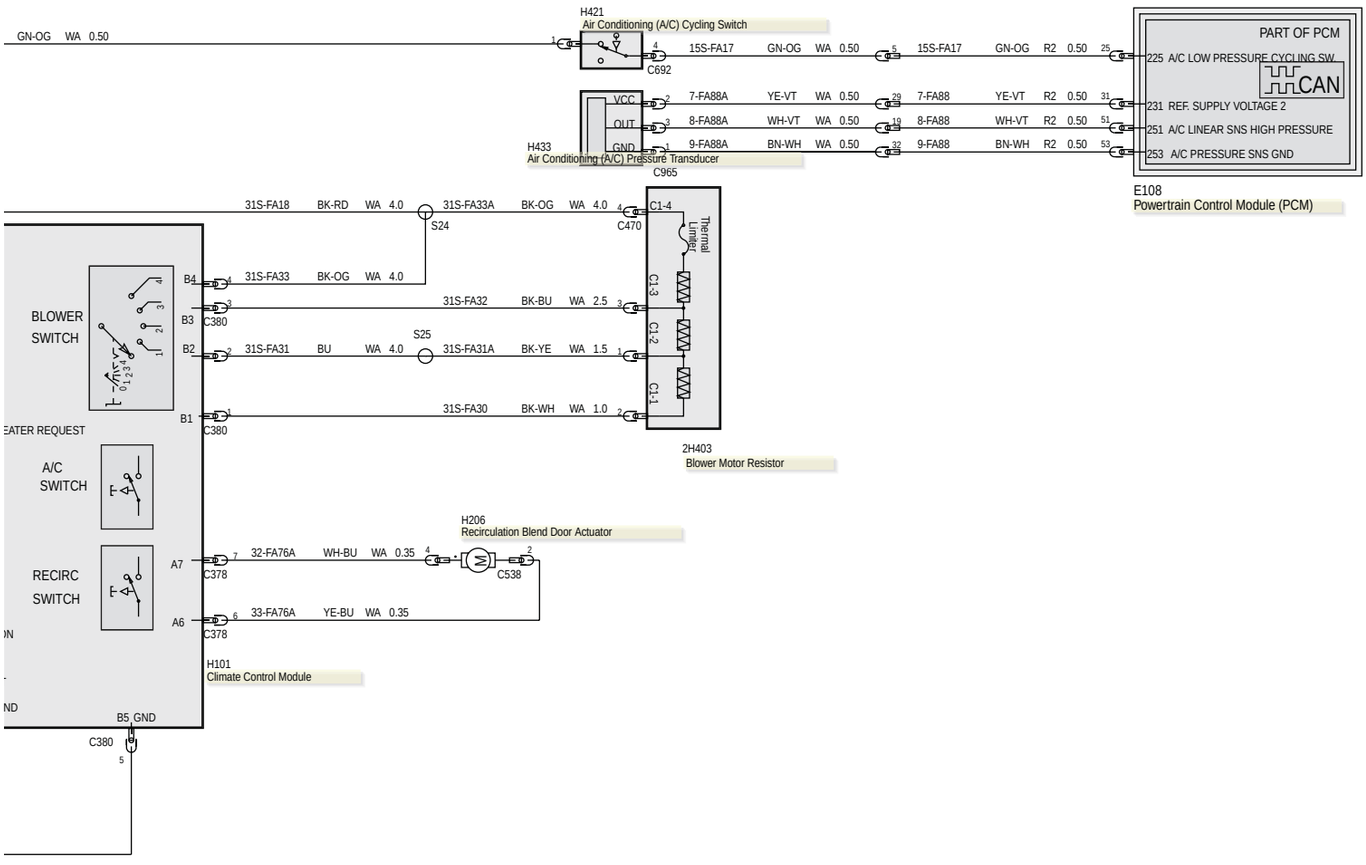



412-01-17 Climate Control—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD, Vehicles With: Manual Temperature Control

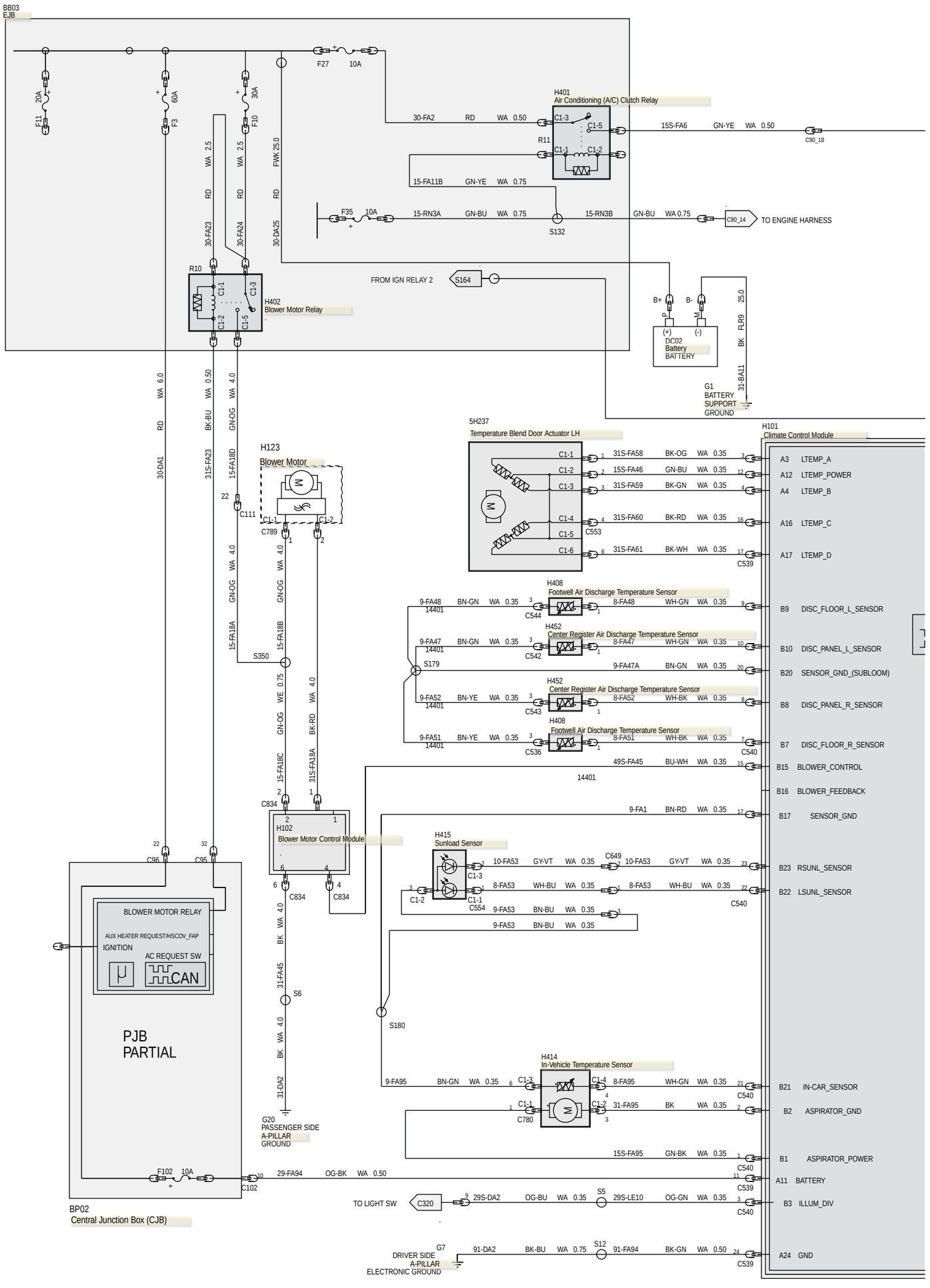


412-01-18 Climate Control—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD, Vehicles With: Manual Temperature Control

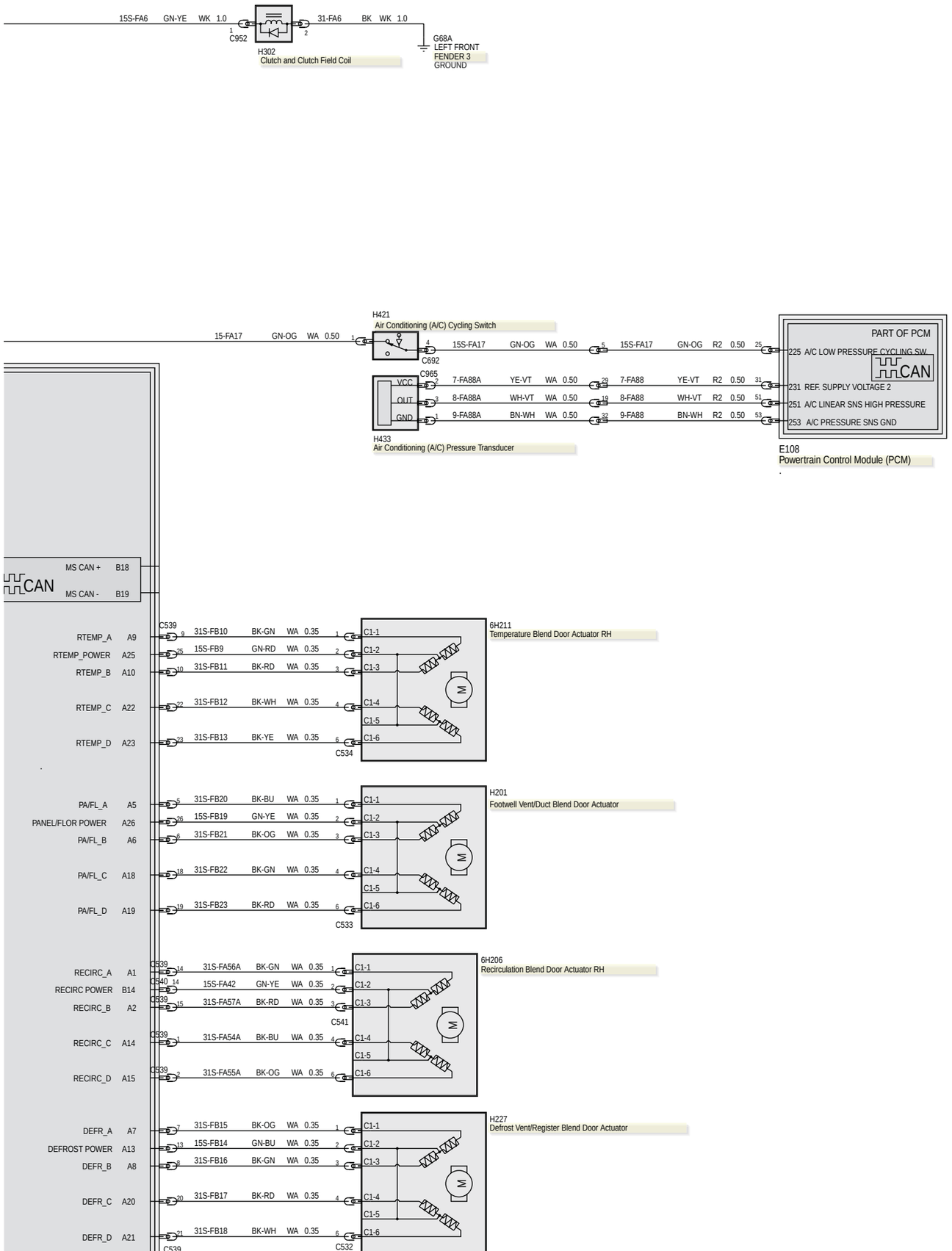


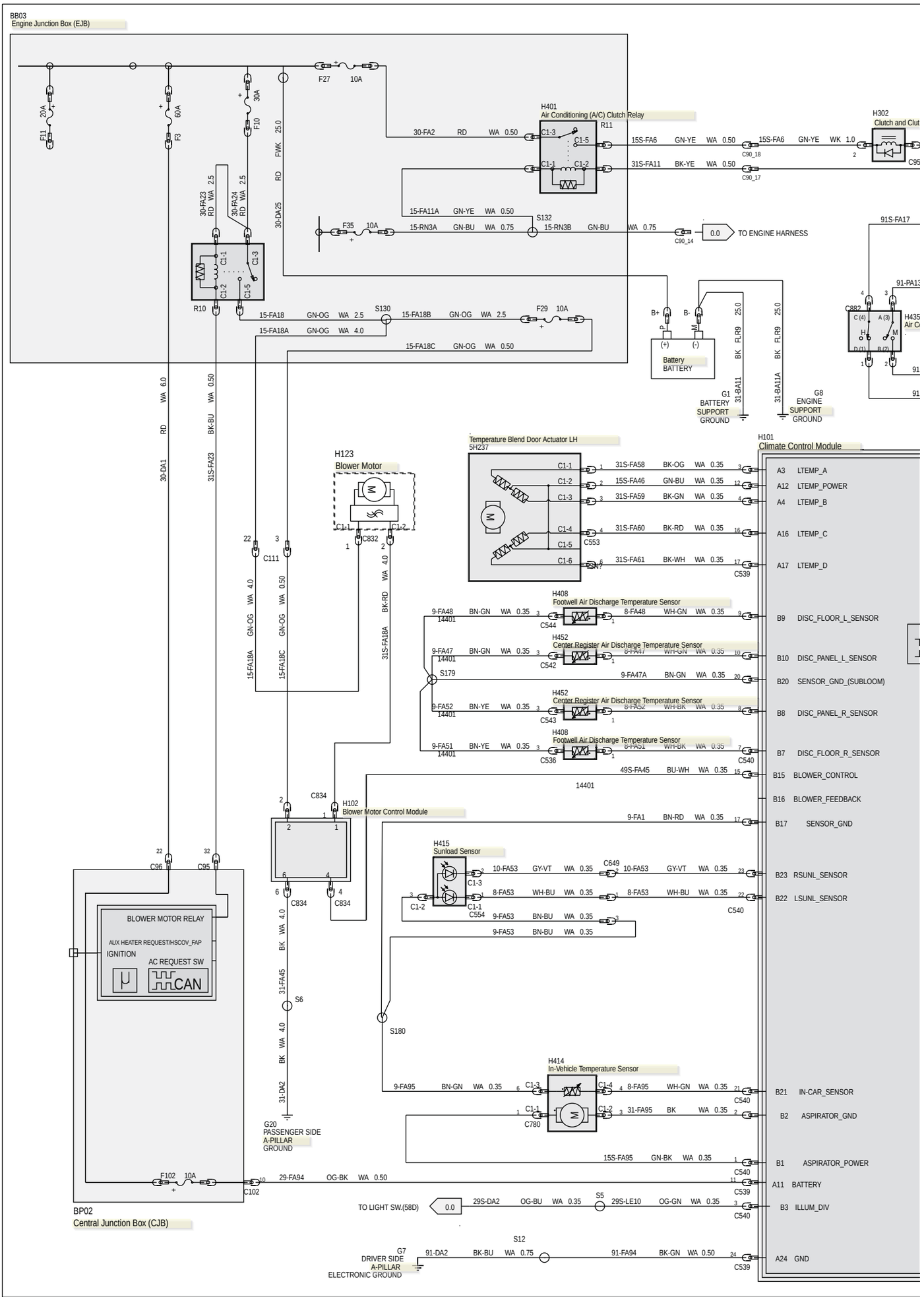
412-01-19 Climate Control—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD, Vehicles With: Automatic Temperature Control



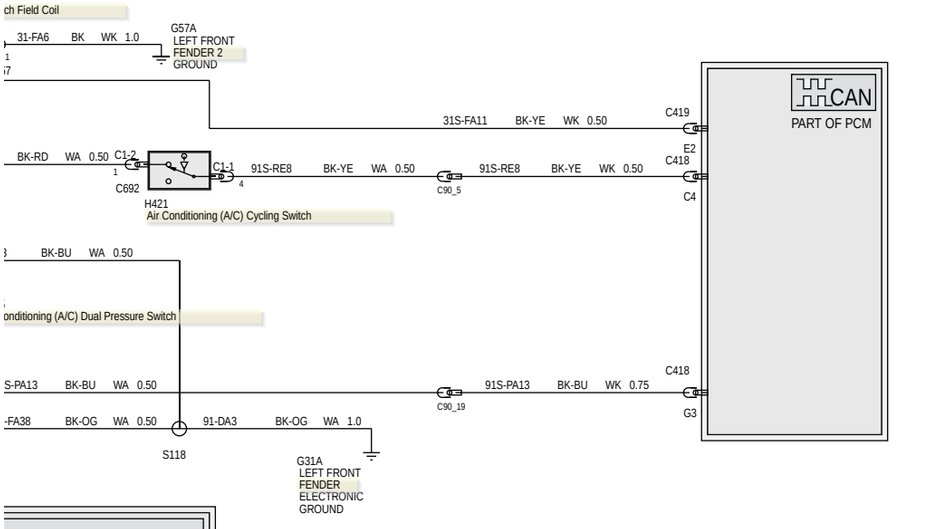
412-01-20 Climate Control—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD, Vehicles With: Automatic Temperature Control

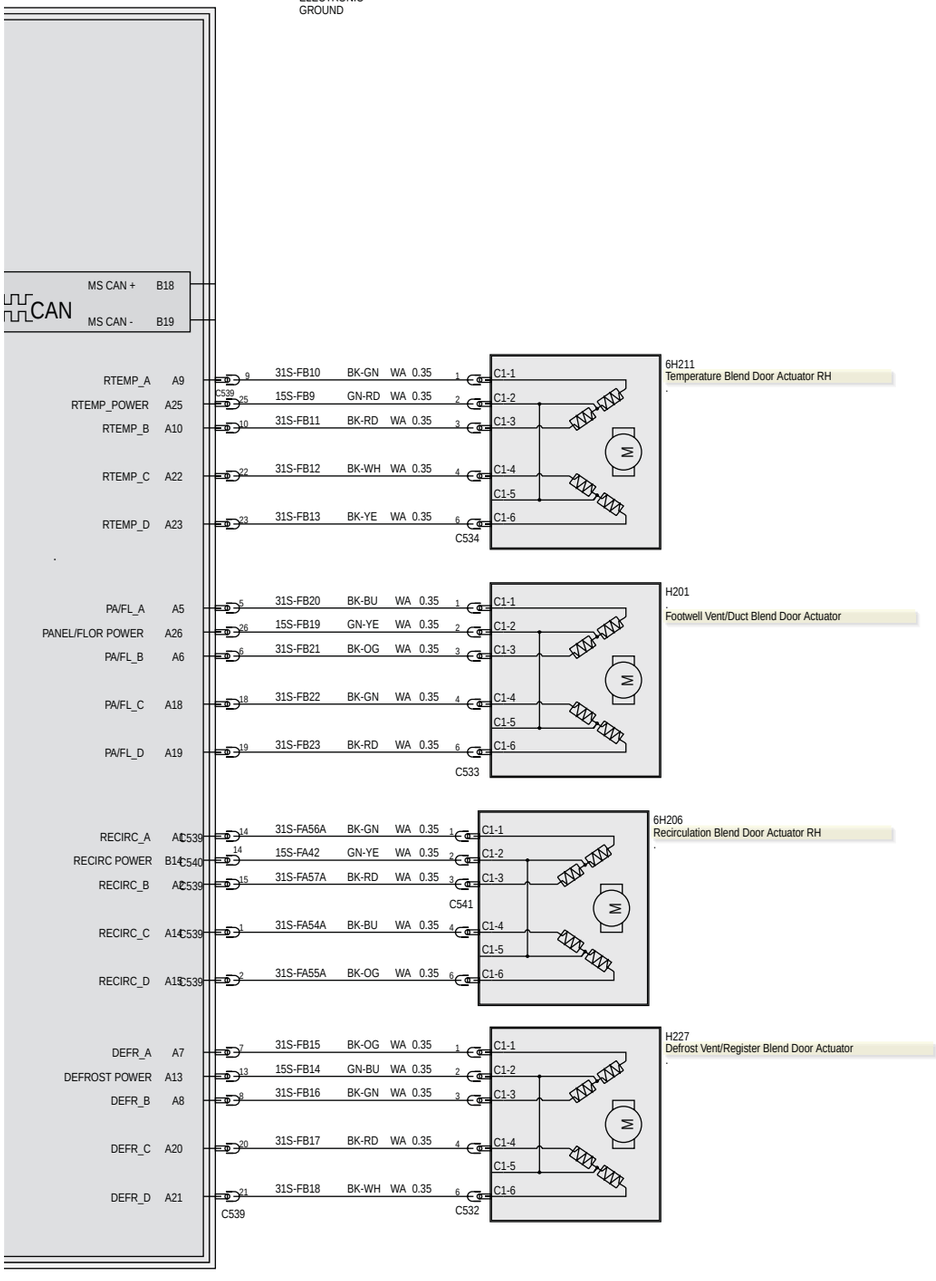


412-01-21 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD, Vehicles With: Automatic Temperature Control



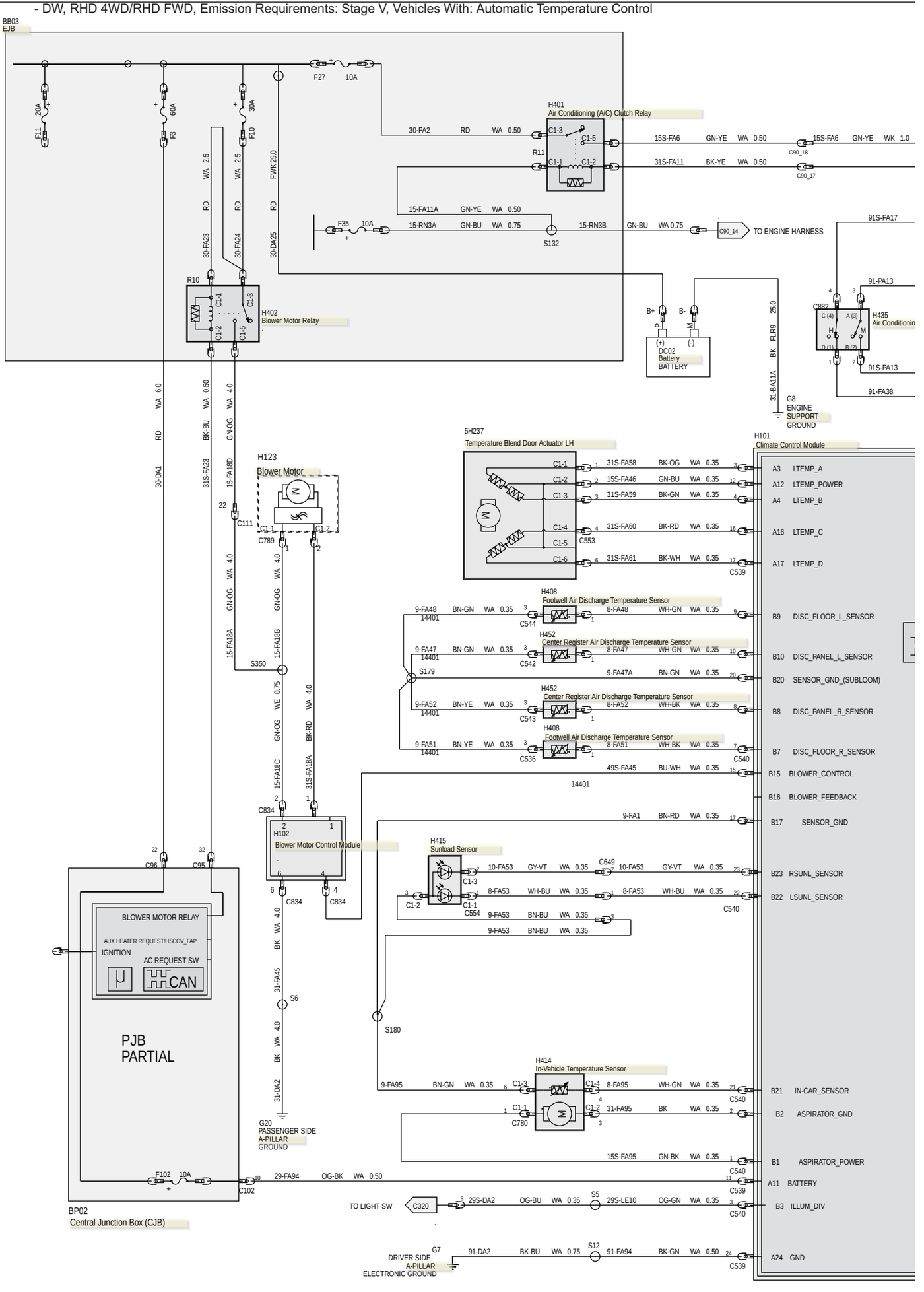
412-01-22 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD, Vehicles With: Automatic Temperature Control



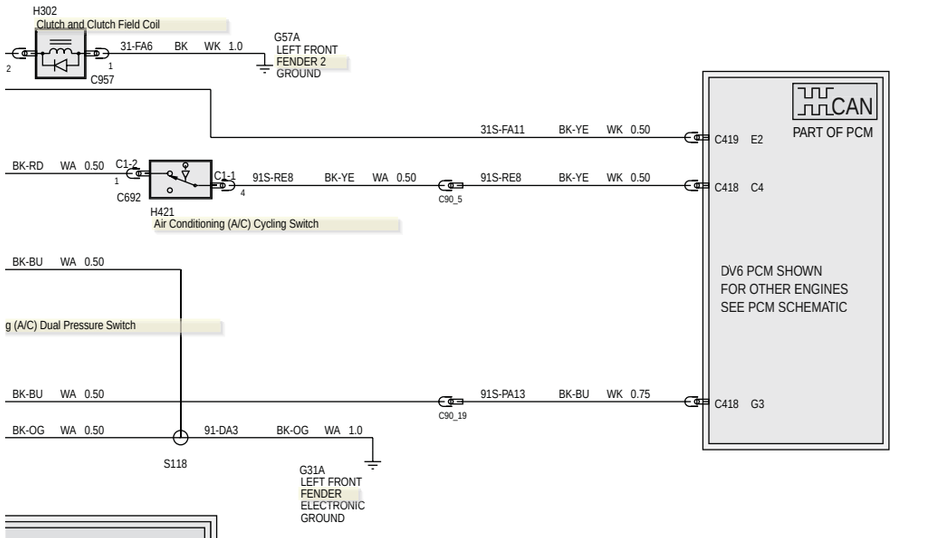



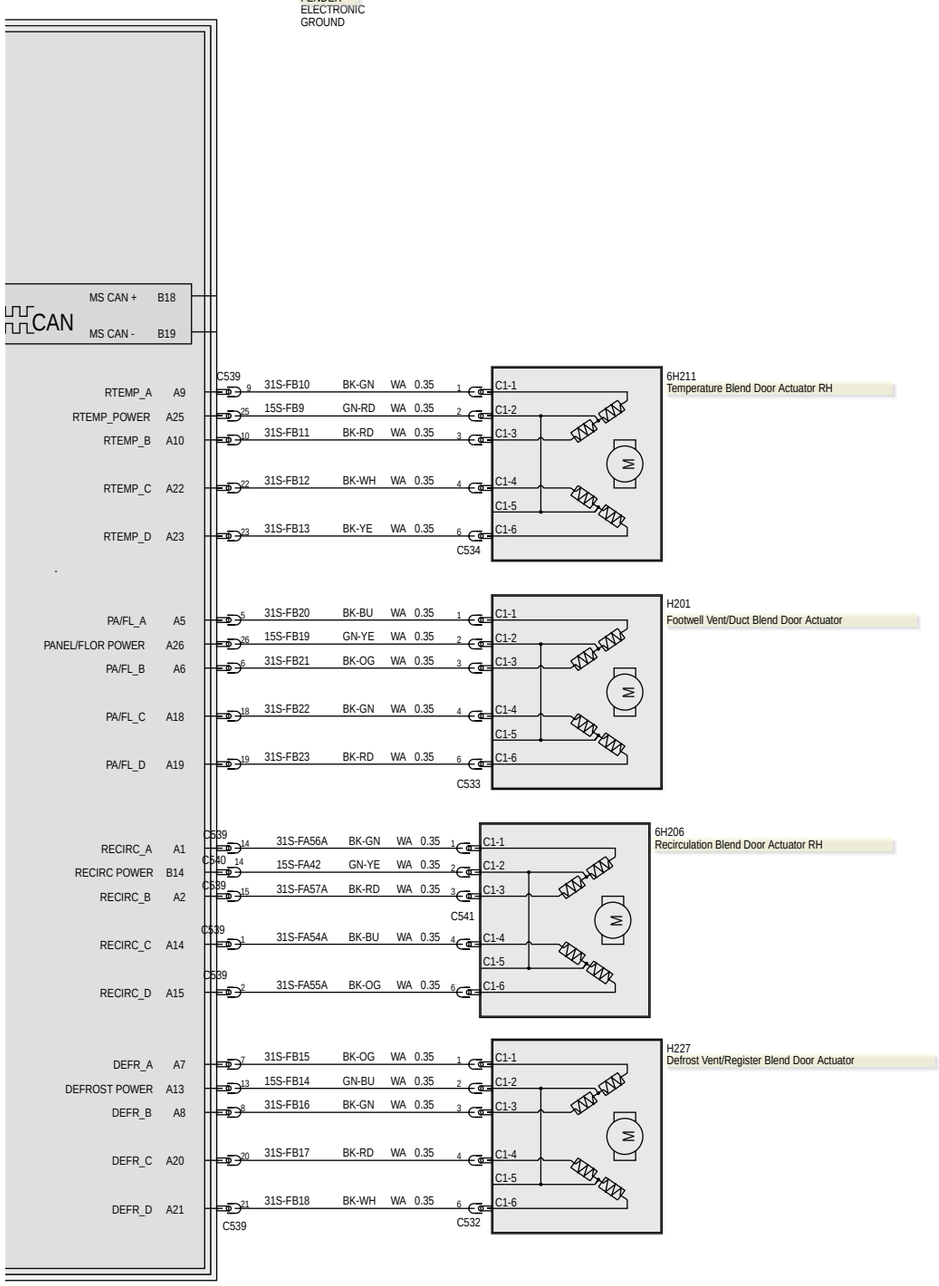
412-01-23 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS)

- DW, RHD 4WD/RHD FWD, Emission Requirements: Stage V, Vehicles With: Automatic Temperature Control

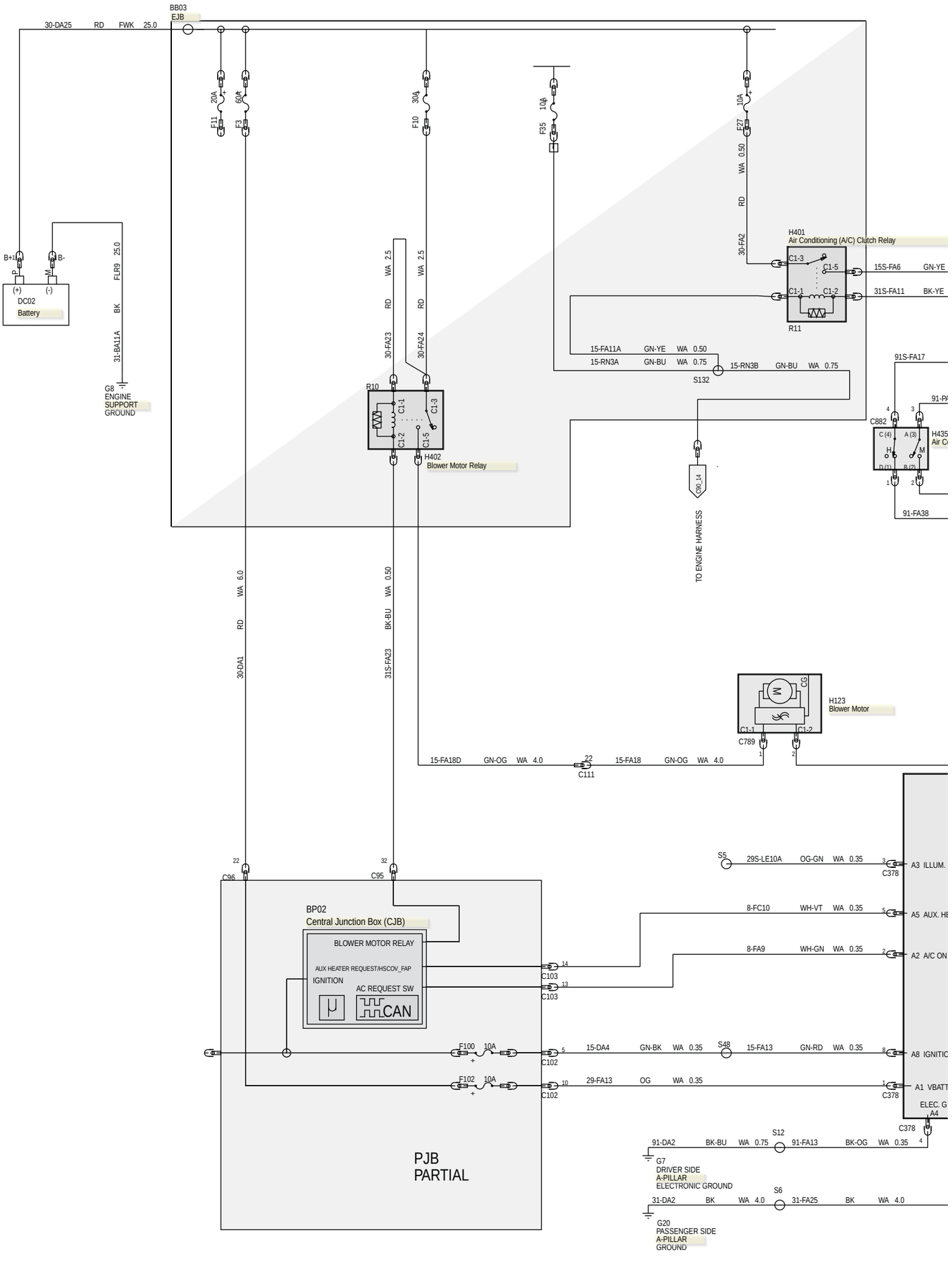


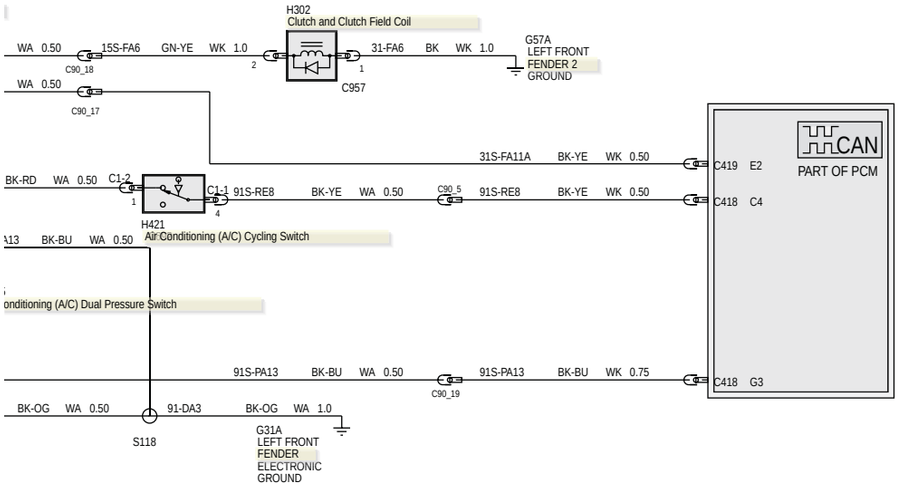
412-01-24 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, RHD 4WD/RHD FWD, Emission Requirements: Stage V, Vehicles With: Automatic Temperature Control

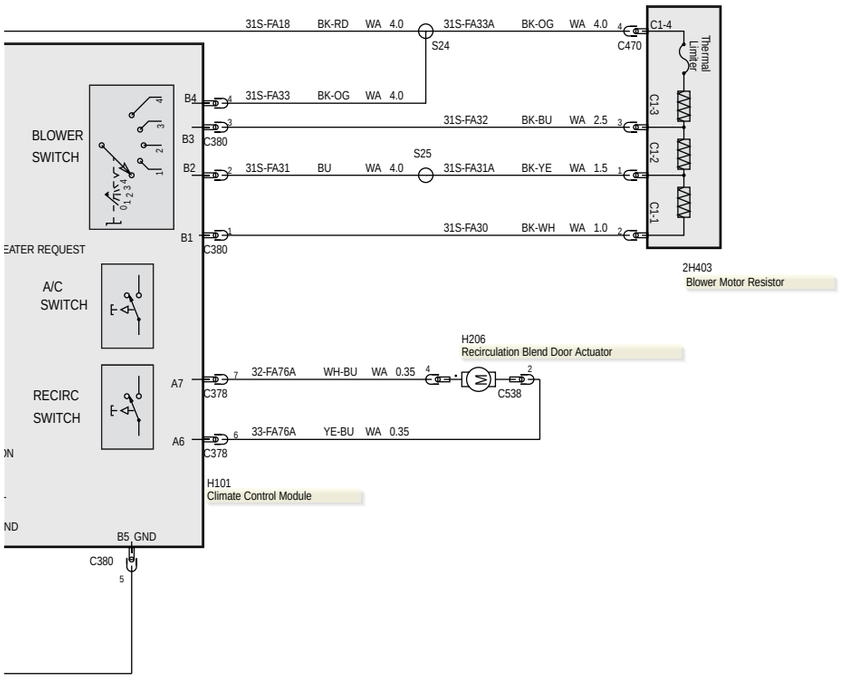


412-01-25 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD, Vehicles With: Manual Temperature Control

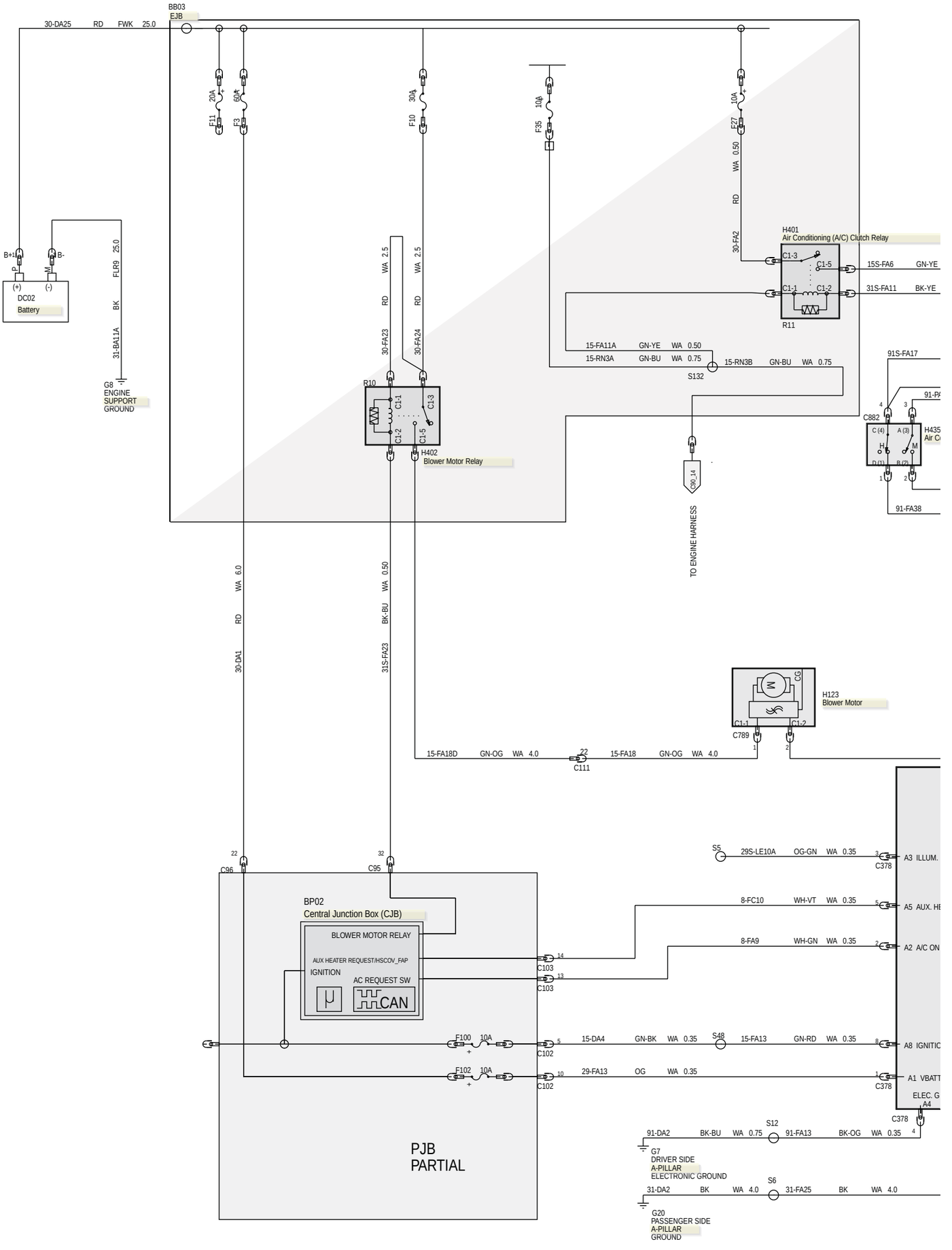



H302
Clutch and Clutch Field Coil
WA 0.50
15S-FA6
GN-YE
WK 1.0
C90_18
C957
31-FA6
BK
WK 1.0
G57A
LEFT FRONT
FENDER 2
GROUND
WA 0.50
C90_17
31S-FA11A
BK-YE
WK 0.50
C419 E2
CAN
PART OF PCM
BK-RD
WA 0.50
C1-2
C1-1
91S-RE8
BK-YE
WA 0.50
C90_5
91S-RE8
BK-YE
WK 0.50
C418 C4
H421
Air Conditioning (A/C) Cycling Switch
BK-BU
WA 0.50
onditioning (A/C) Dual Pressure Switch
91S-PA13
BK-BU
WA 0.50
C90_19
91S-PA13
BK-BU
WK 0.75
C418 G3
BK-OG
WA 0.50
91-DA3
BK-OG
WA 1.0
S118
G31A
LEFT FRONT
FENDER
ELECTRONIC
GROUND

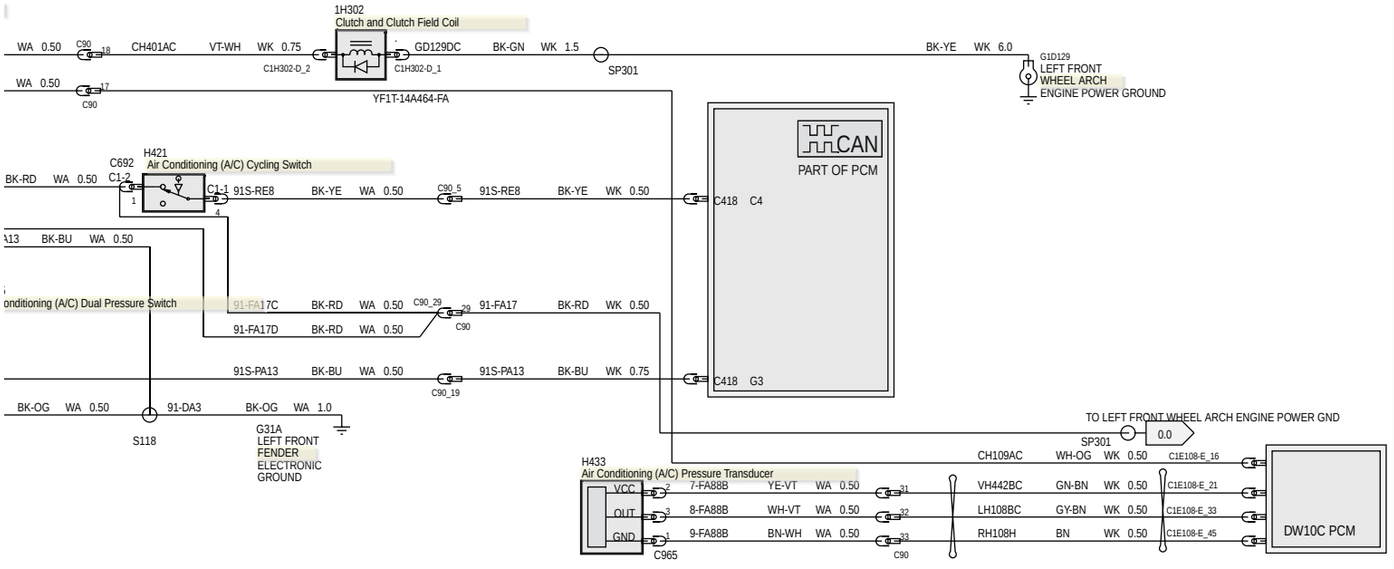

31S-FA18
BK-RD
WA 4.0
S24
31S-FA33A
BK-OG
WA 4.0
C1-4
C470
Thermal
Limiter
BLOWER
SWITCH
B4
31S-FA33
BK-OG
WA 4.0
C1-3
B3
C380
31S-FA32
BK-BU
WA 2.5
C1-2
S25
B2
31S-FA31
BU
WA 4.0
31S-FA31A
BK-YE
WA 1.5
C1-1
B1
C380
31S-FA30
BK-WH
WA 1.0
EATER REQUEST
2H403
Blower Motor Resistor
A/C
SWITCH
H206
Recirculation Blend Door Actuator
RECIRC
SWITCH
A7
32-FA76A
WH-BU
WA 0.35
C378
C538
A6
33-FA76A
YE-BU
WA 0.35
C378
H101
Climate Control Module
ND
B5 GND
C380

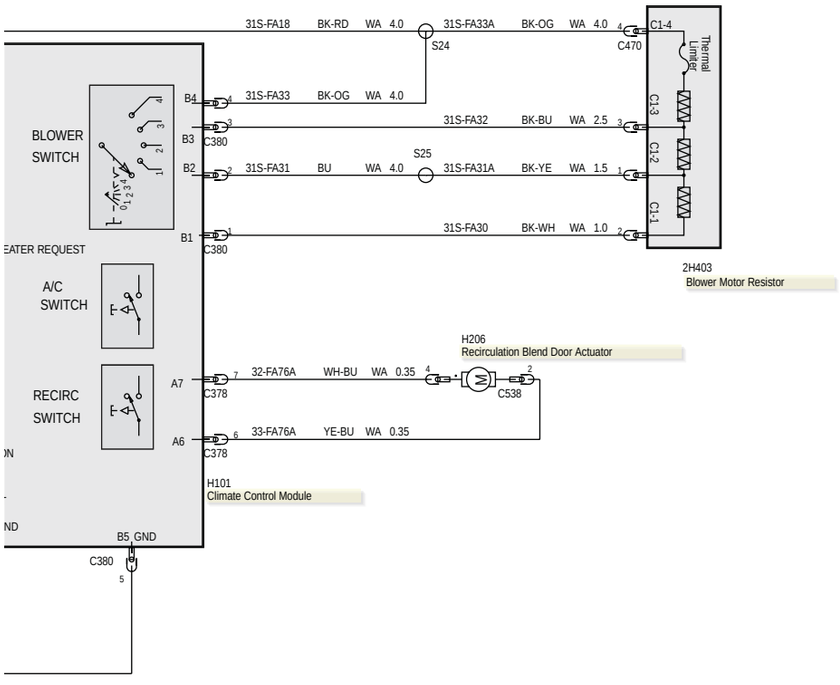
412-01-27 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS)

- DW, RHD 4WD/RHD FWD, Emission Requirements: Stage V, Vehicles With: Manual Temperature Control



412-01-28 Climate Control—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, RHD 4WD/RHD FWD, Emission Requirements: Stage V, Vehicles With: Manual Temperature Control



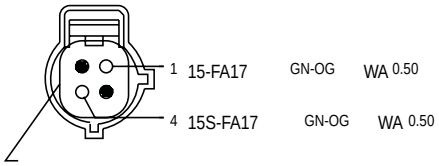



## Air Conditioning (A/C) Clutch Relay (G1313041)

IMAGE NOT AVAILABLE

## Air Conditioning (A/C) Cycling Switch (G1234513)

PIN 4 => 91S-RE8 BK-YE 0.50 WA
PIN 1 => 91S-FA17 BK-RD 0.50 WA
PIN 1 => 91-FA17B BK-RD 0.50 WA
PIN 1 => 91-FA17A BK-RD 0.50 WA

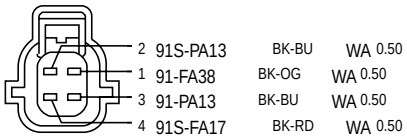



F75B-14A464-AEA

C692
TO A/C COMPRESSOR CYCLING SWITCH

HARNESS 14K733

## Air Conditioning (A/C) Dual Pressure Switch (G1234514)



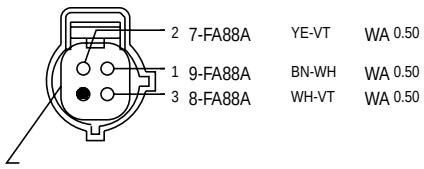

YF1T-14A464-BA

C882
TO DUAL PRESSURE SWITCH

HARNESS 14K733

## Air Conditioning (A/C) Pressure Transducer (G1234515)

PIN 1 => 9-FA88 BN-WH 0.50 WA
PIN 3 => 8-FA88 WH-VT 0.50 WA
PIN 2 => 7-FA88 YE-VT 0.50 WA




F75B-14A464-AGA

C965
TO A/C PRESSURE SENSOR

HARNESS 14K733

## Ambient Air Temperature Sensor (G1234516)

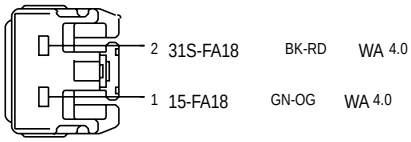



91AG-14A464-BBC

C974
TO ICE WARNING SENSOR

HARNESS 14K733

## Blower Motor (G1234517)

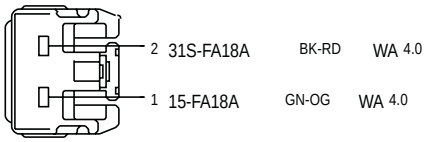



3M5T-14489-KBA

C789
TO HEATER BLOWER MOTOR

HARNESS 14401

## Blower Motor (G1234518)

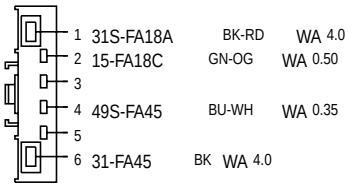



3M5T-14489-KBA

C832
TO BLOWER MOTOR

HARNESS 14401

## Blower Motor Control Module (G1234519)




3M5T-14489-VFA

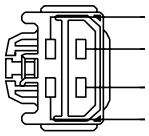
C834
TO BLOWER MOTOR MODULE

HARNESS 14401

## Blower Motor Relay (G1313043)

IMAGE NOT AVAILABLE

## Blower Motor Resistor (G1234520)



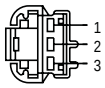
| | | | | |
|---|---|---|---|---|
| 1 | 31S-FA31A | BK-YE | WA | 1.5 |
| 3 | 31S-FA32 | BK-BU | WA | 2.5 |
| 4 | 31S-FA33A | BK-OG | WA | 4.0 |
| 2 | 31S-FA30 | BK-WH | WA | 1.0 |

4S7T-14489-YLA

C470
TO HEATER BLOWER SERIES RESISTOR

HARNESS 14401

## Center Register Air Discharge Temperature Sensor (G1234533)



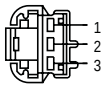
| | | | | |
|---|---|---|---|---|
| 1 | 8-FA47 | WH-GN | WA | 0.35 |
| 2 | | | | |
| 3 | 9-FA47 | BN-GN | WA | 0.35 |

2L2T-14A464-BA

C542
TO DISCHARGE PANEL SENSOR

HARNESS 14401

## Center Register Air Discharge Temperature Sensor (G1234534)



| | | | | |
|---|---|---|---|---|
| 1 | 8-FA52 | WH-BK | WA | 0.35 |
| 2 | | | | |
| 3 | 9-FA52 | BN-YE | WA | 0.35 |

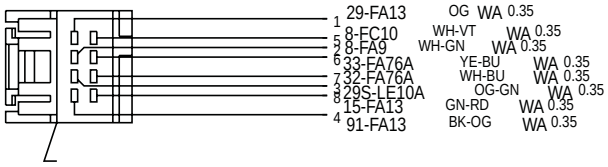
2L2T-14A464-BA

C543
TO RIGHT DISCHARGE PANEL SENSOR

HARNESS 14401

## Climate Control Module (G1234535)

PIN 7 => 32-FA76 WH-BU 0.35 WA
PIN 6 => 33-FA76 YE-BU 0.35 WA



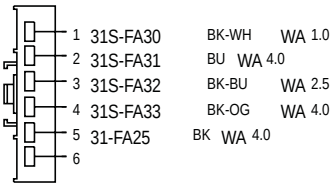

2L1T-14A464-JA

C378

TO HEATING CONTROL HEAD

HARNESS 14401

## Climate Control Module (G1234536)




3M5T-14489-KEA

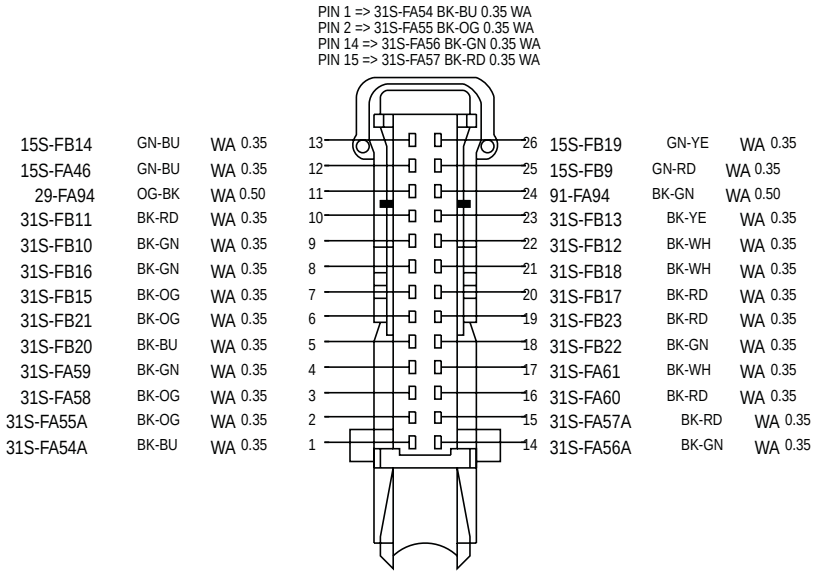
C380

TO HEATING CONTROL HEAD (HEATER BLOWER SWITCH)

HARNESS 14401

## Climate Control Module (G1239841)

PIN 1 => 31S-FA54 BK-BU 0.35 WA
PIN 2 => 31S-FA55 BK-OG 0.35 WA
PIN 14 => 31S-FA56 BK-GN 0.35 WA
PIN 15 => 31S-FA57 BK-RD 0.35 WA



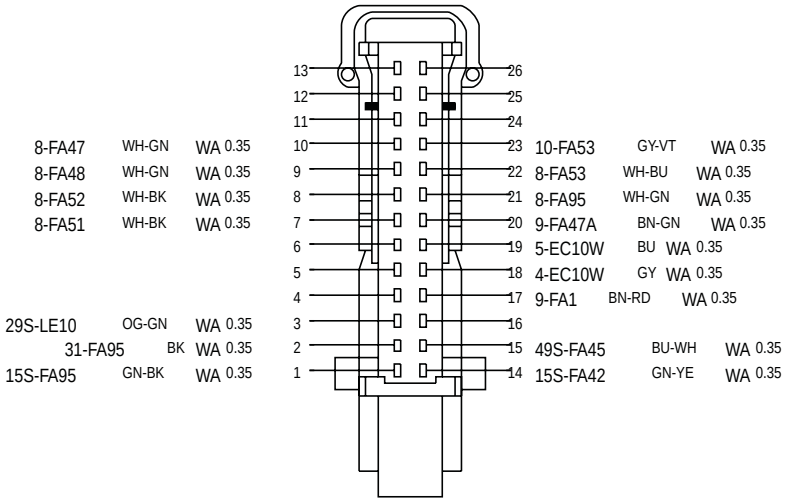

98BG-14489-RZA

C539

TO DATC CONTROL HEAD A

HARNESS 14401

## Climate Control Module (G1234537)




98AG-14489-RZA

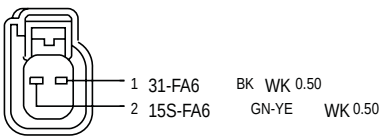
C540
TO DATC CONTROL HEAD B

HARNESS 14401

## Clutch and Clutch Field Coil (G1240697)

IMAGE NOT AVAILABLE

## Clutch and Clutch Field Coil (G1234538)

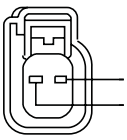



YF1T-14A464-FA

C957
TO AC CLUTCH SOLENOID

HARNESS 12A690

## Clutch and Clutch Field Coil—D (G1324793)



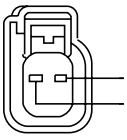
| | | | | |
|---|---|---|---|---|
| 1 | GD129DC | BK-GN | WK 1.5 |
| 2 | CH401AC | VT-WH | WK 0.75 |

YF1T-14A464-FA

C1H302-D
TO A/C CLUTCH SOLENOID

HARNESS 12A690

## Clutch and Clutch Field Coil—D (G1337080)



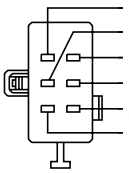
| | | | | |
|---|---|---|---|---|
| 1 | GD129DC | BK-GN | WK 1.5 |
| 2 | CH401AC | VT-WH | WK 0.75 |

YF1T-14A464-FA

C1H302-D
TO A/C CLUTCH SOLENOID

HARNESS 12A690

## Defrost Vent/Register Blend Door Actuator (G1234539)



| | | | | |
|---|---|---|---|---|
| 3 | 31S-FB16 | BK-GN | WA 0.35 |
| 2 | 15S-FB14 | GN-BU | WA 0.35 |
| 6 | 31S-FB18 | BK-WH | WA 0.35 |
| 5 | | | |
| 4 | 31S-FB17 | BK-RD | WA 0.35 |
| 1 | 31S-FB15 | BK-OG | WA 0.35 |

96AG-14489-RFA

C532
TO DEFROST DOOR ACTUATOR

HARNESS 14401

## Footwell Air Discharge Temperature Sensor (G1234540)



| | | | | |
|---|---|---|---|---|
| 1 | 8-FA51 | WH-BK | WA 0.35 |
| 2 | | | |
| 3 | 9-FA51 | BN-YE | WA 0.35 |

2L2T-14A464-BA

C536
TO DISCHARGE FLOOR SENSOR

HARNESS 14401

## Footwell Air Discharge Temperature Sensor (G1234541)



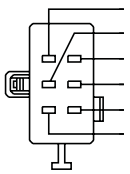
| | | | | |
|---|---|---|---|---|
| 1 | 8-FA48 | WH-GN | WA 0.35 |
| 2 | | | |
| 3 | 9-FA48 | BN-GN | WA 0.35 |

2L2T-14A464-BA

C544
TO LEFT DISCHARGE FLOOR SENSOR

HARNESS 14401

## Footwell Vent/Duct Blend Door Actuator (G1234542)



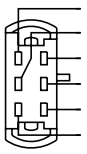

| | | | |
|---|---|---|---|
| 3 | 31S-FB21 | BK-OG | WA 0.35 |
| 2 | 15S-FB19 | GN-YE | WA 0.35 |
| 6 | 31S-FB23 | BK-RD | WA 0.35 |
| 4 | 31S-FB22 | BK-GN | WA 0.35 |
| 1 | 31S-FB20 | BK-BU | WA 0.35 |

96AG-14489-RFA

C533
TO PANEL/FLOOR DOOR

HARNESS 14401

## In-Vehicle Temperature Sensor (G1234548)




| | | | |
|---|---|---|---|
| 4 | 8-FA95 | WH-GN | WA 0.35 |
| 1 | 15S-FA95 | GN-BK | WA 0.35 |
| 3 | 31-FA95 | BK | WA 0.35 |
| 6 | 9-FA95 | BN-GN | WA 0.35 |

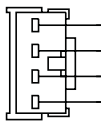
4M5T-14489-AFA

C780
TO INCAR TEMPERATURE SENSOR

HARNESS 14401

## Recirculation Blend Door Actuator (G1234549)

PIN 2 => 32-FA76 WH-BU 0.35 WA
PIN 4 => 33-FA76 YE-BU 0.35 WA




| | | | |
|---|---|---|---|
| 4 | 32-FA76A | WH-BU | WA 0.35 |
| 2 | 33-FA76A | YE-BU | WA 0.35 |

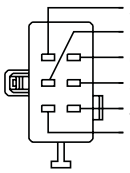
XR8T-14489-UA

C538
TO RECIRC DOOR MOTOR

HARNESS 14401

## Recirculation Blend Door Actuator (G1236318)

PIN 1 => 31S-FA54 BK-BU 0.35 WA
PIN 3 => 31S-FA55 BK-OG 0.35 WA
PIN 4 => 31S-FA56 BK-GN 0.35 WA
PIN 6 => 31S-FA57 BK-RD 0.35 WA



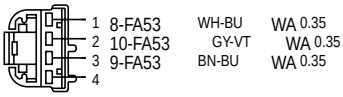

| | | | |
|---|---|---|---|
| 3 | 31S-FA57A | BK-RD | WA 0.35 |
| 2 | 15S-FA42 | GN-YE | WA 0.35 |
| 6 | 31S-FA55A | BK-OG | WA 0.35 |
| 4 | 31S-FA54A | BK-BU | WA 0.35 |
| 1 | 31S-FA56A | BK-GN | WA 0.35 |

96AG-14489-RFA

C541
TO RECIRC DOOR ACTUATOR

HARNESS 14401

## Sunload Sensor (G1234550)

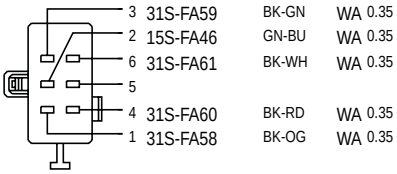



4L3T-14A464-LA

C554
TO DUAL PHOTO SUNLOAD SENSOR

HARNESS 19A657

## Temperature Blend Door Actuator LH (G1234551)

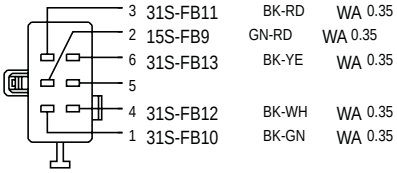



96AG-14489-RFA

C553
TO LEFT DOOR TEMPERATURE

HARNESS 14401

## Temperature Blend Door Actuator RH (G1234552)




96AG-14489-RFA

C534
TO RIGHT TEMPERATURE DOOR

HARNESS 14401

# SECTION 412-02 Auxiliary Climate Control

## VEHICLE APPLICATION: 2011.0 Kuga

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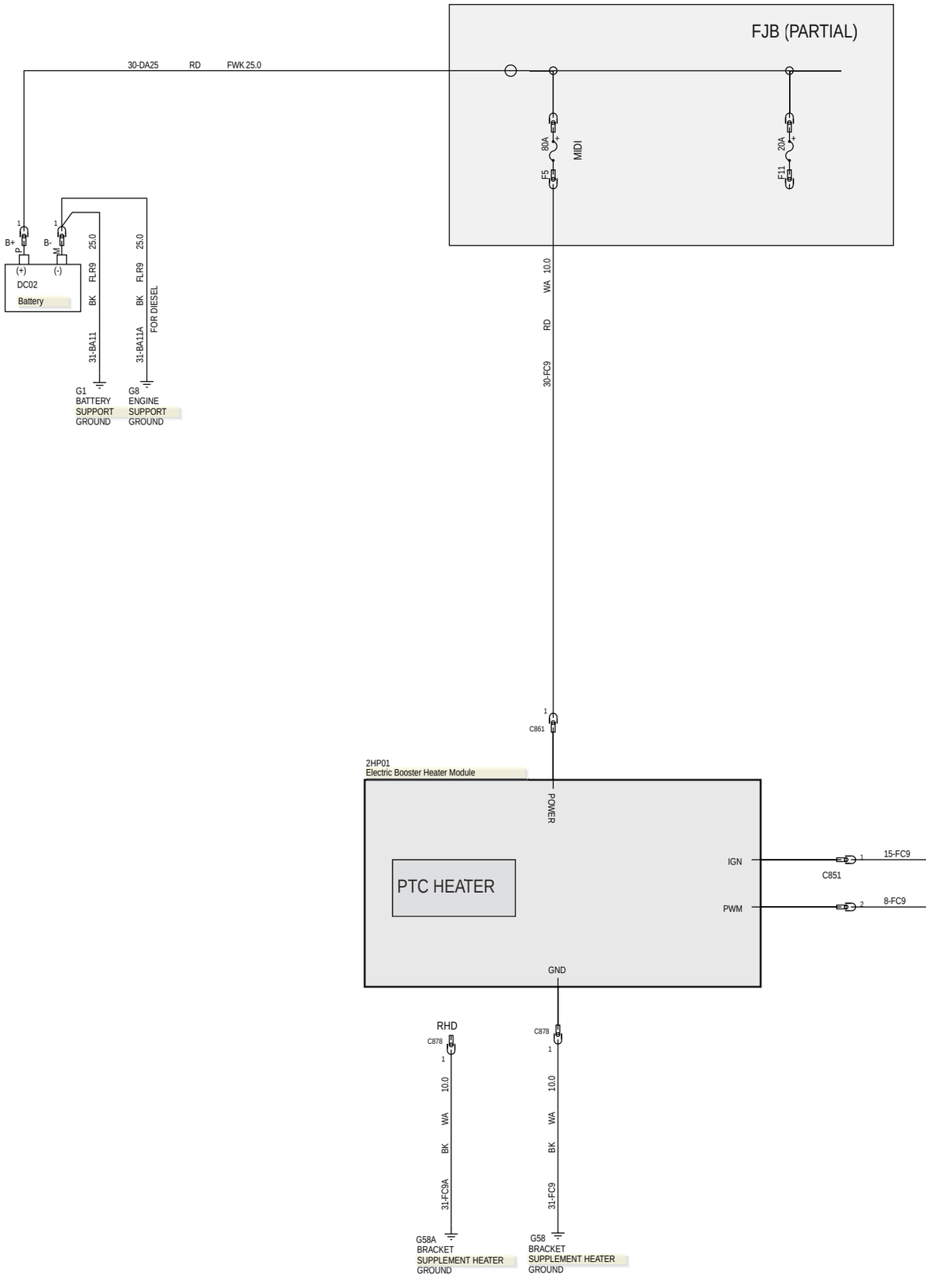
**ELECTRICAL SCHEMATICS**

Electric Booster Heater..... 412-02-2
Fuel Fired Booster Heater..... 412-02-4

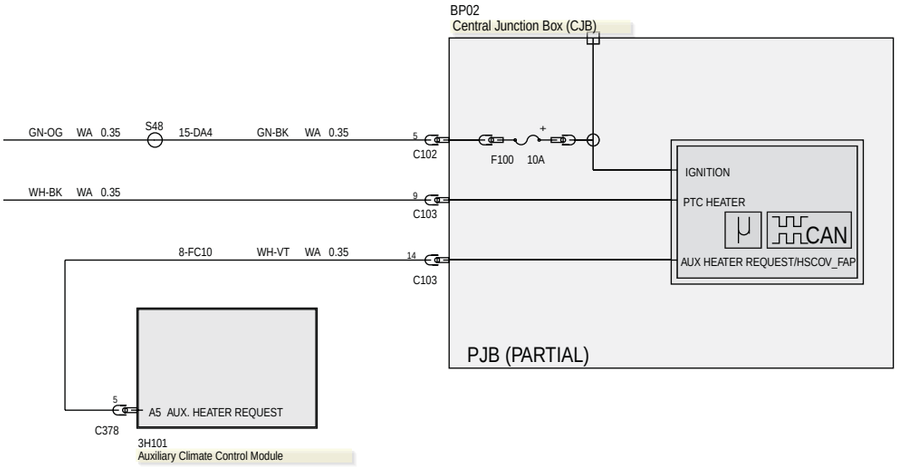
**ELECTRICAL CONNECTORS**

Electric Booster Heater Module..... 412-02-6
Electric Booster Heater Module..... 412-02-6
Electric Booster Heater Module..... 412-02-6
Electric Booster Heater Relay..... 412-02-6
Fuel Fired Booster Heater Coolant Pump..... 412-02-7
Fuel Fired Booster Heater Coolant Pump..... 412-02-7
Fuel Fired Booster Heater Module..... 412-02-7

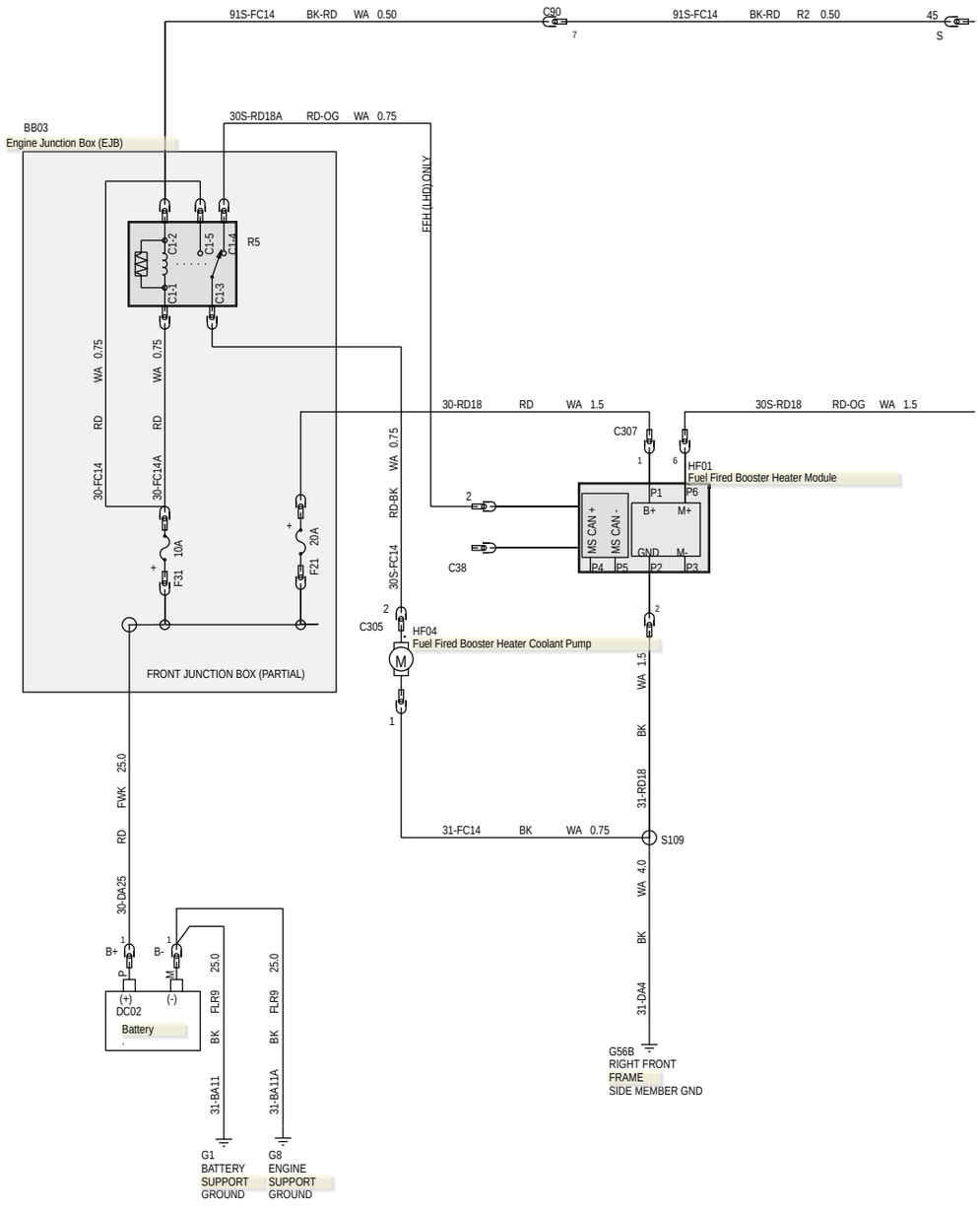
412-02-2 Electric Booster Heater



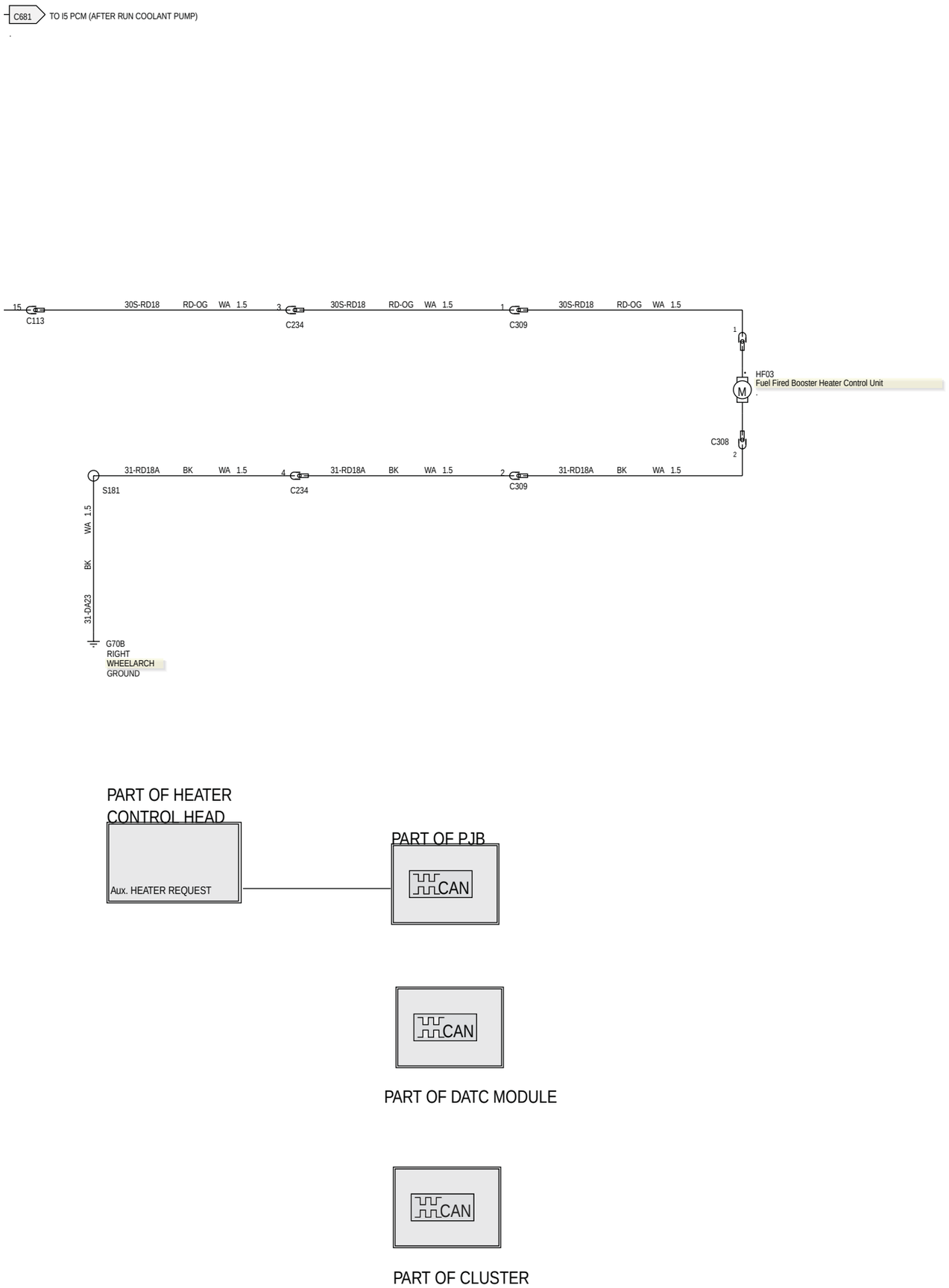
412-02-3 Electric Booster Heater



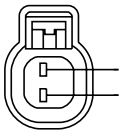
412-02-4 Fuel Fired Booster Heater



412-02-5 Fuel Fired Booster Heater



## Electric Booster Heater Module (G1239842)

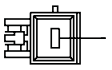



XR3T-14A464-BA

C851
TO PTC HEATER (SIGNAL)

HARNESS 14401

## Electric Booster Heater Module (G1239843)



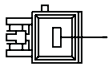

3M5T-14489-TAA

C861
TO PTC HEATER (POWER)

HARNESS 14K733

## Electric Booster Heater Module (G1239844)

PIN 1 => 31-FC9 BK 10.0 WA

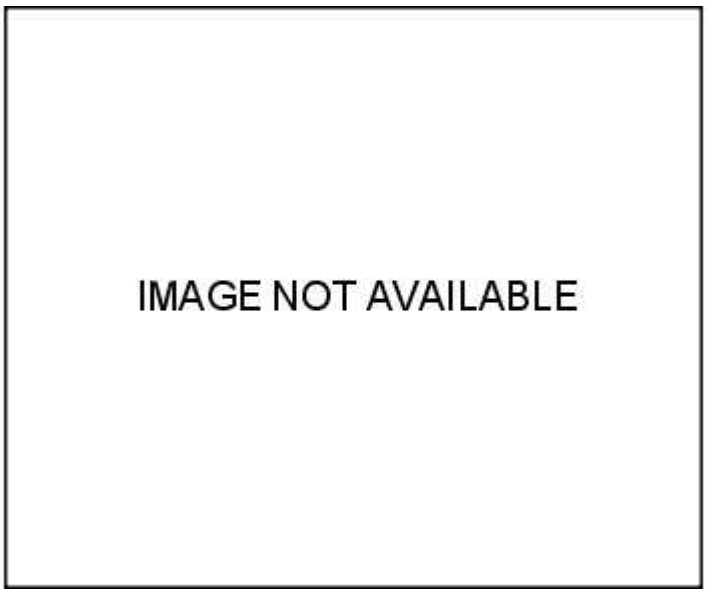



3M5T-14489-TBA

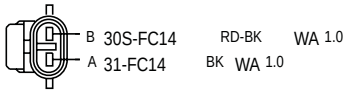
C878
TO PTC HEATER (GND)

HARNESS 14K733

## Electric Booster Heater Relay (G1279926)



## Fuel Fired Booster Heater Coolant Pump (G1245476)

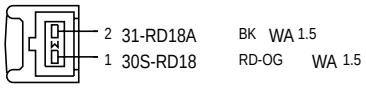



2C3T-14A464-BA

C305
TO FFH COOLANT WATER PUMP

HARNESS 14K733

## Fuel Fired Booster Heater Coolant Pump (G1239845)

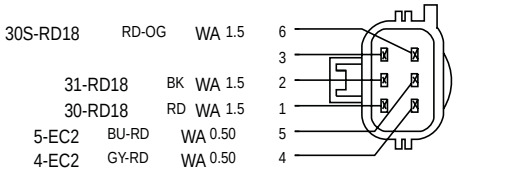



89FG-14A464-HBA

C308
TO FFH MOTOR (LOCATED IN TANK UNIT)

HARNESS 14B564

## Fuel Fired Booster Heater Module (G1239846)




XW4T-14A624-CAA

C307
TO FUEL FIRED HEATER MODULE

HARNESS 14K733

# SECTION 413-01 Instrument Cluster

## VEHICLE APPLICATION: 2011.0 Kuga

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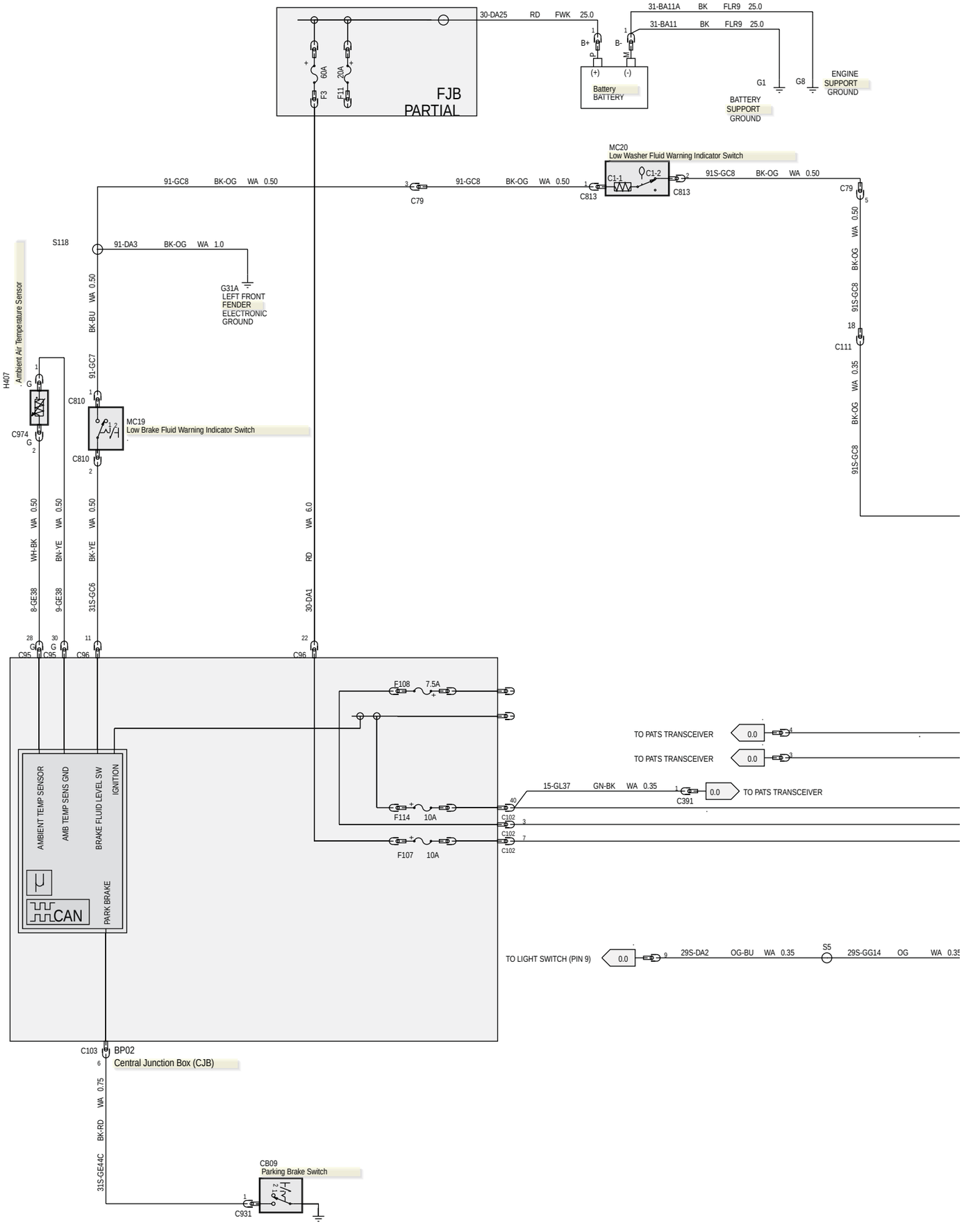
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Instrument Cluster — 2.5L Duratec (147kW/200PS) - VI5, LHD 4WD..... 413-01-2
Instrument Cluster — 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V..... 413-01-4
Instrument Cluster — 2.5L Duratec (147kW/200PS) - VI5, RHD 4WD..... 413-01-6
Instrument Cluster — 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, RHD 4WD, Emission Requirements: Stage V..... 413-01-8

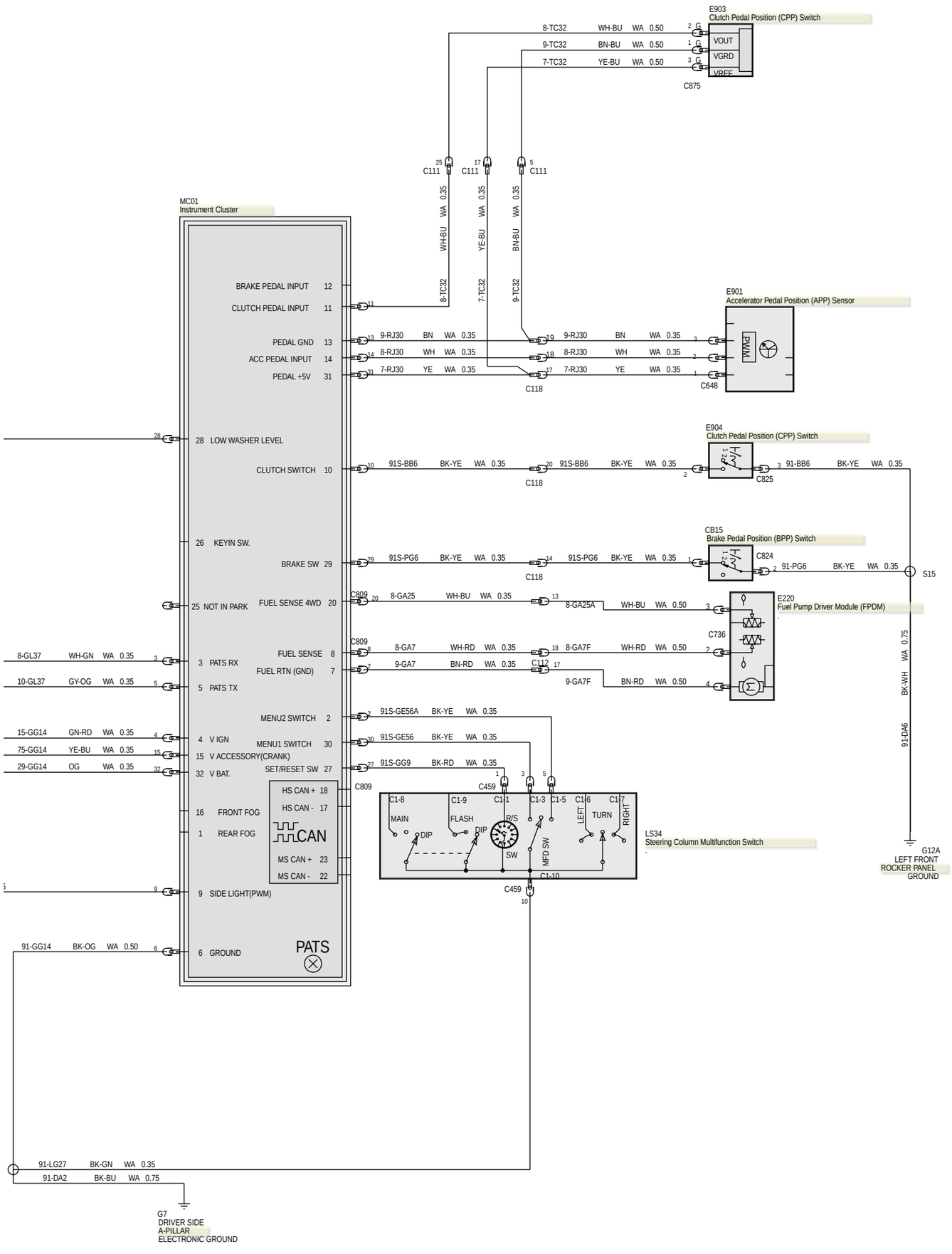
### ELECTRICAL CONNECTORS

Instrument Cluster..... 413-01-10

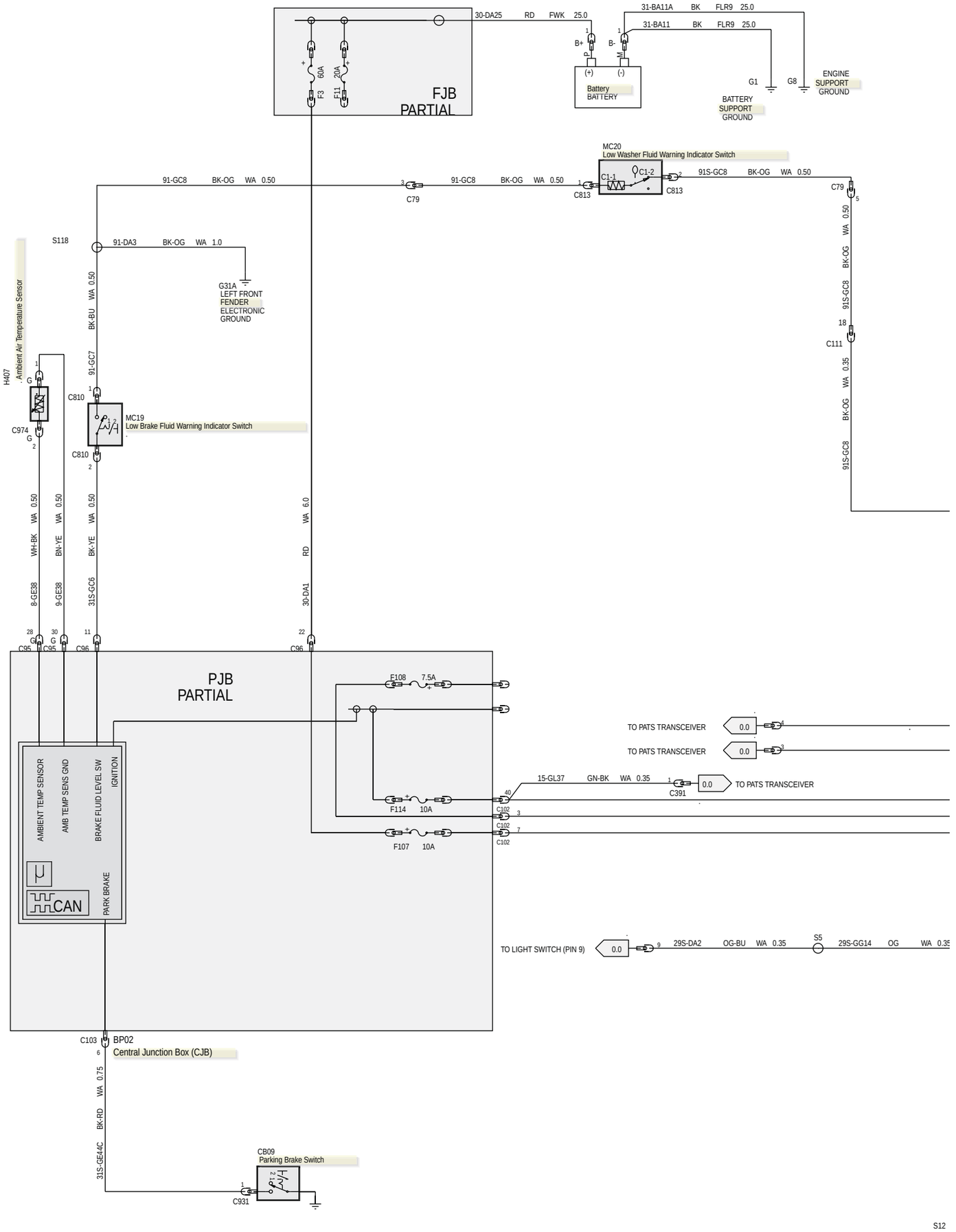
413-01-2 Instrument Cluster—2.5L Duratec (147kW/200PS) - VI5, LHD 4WD



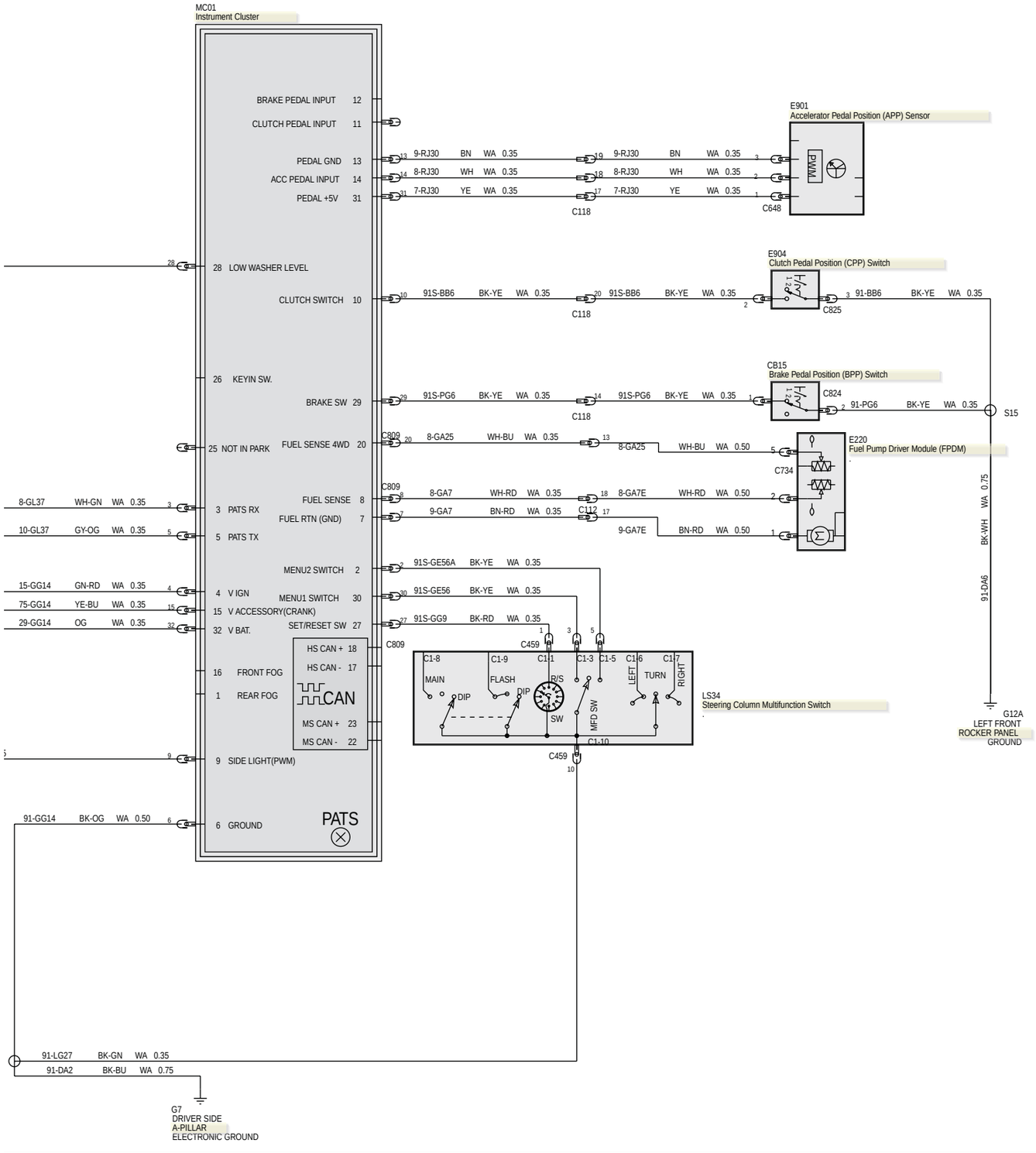
413-01-3 Instrument Cluster—2.5L Duratec (147kW/200PS) - VI5, LHD 4WD



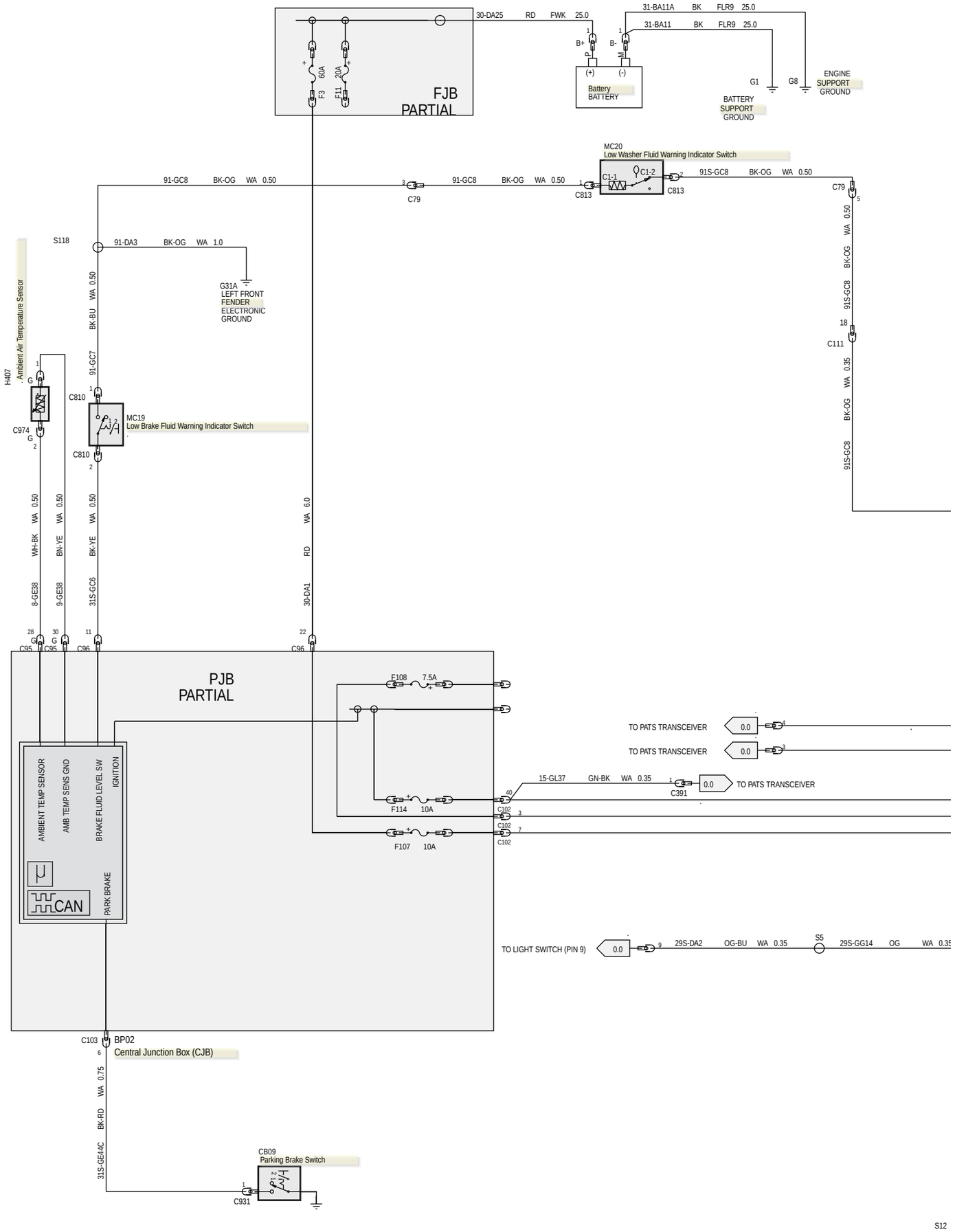
413-01-4 Instrument Cluster—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V



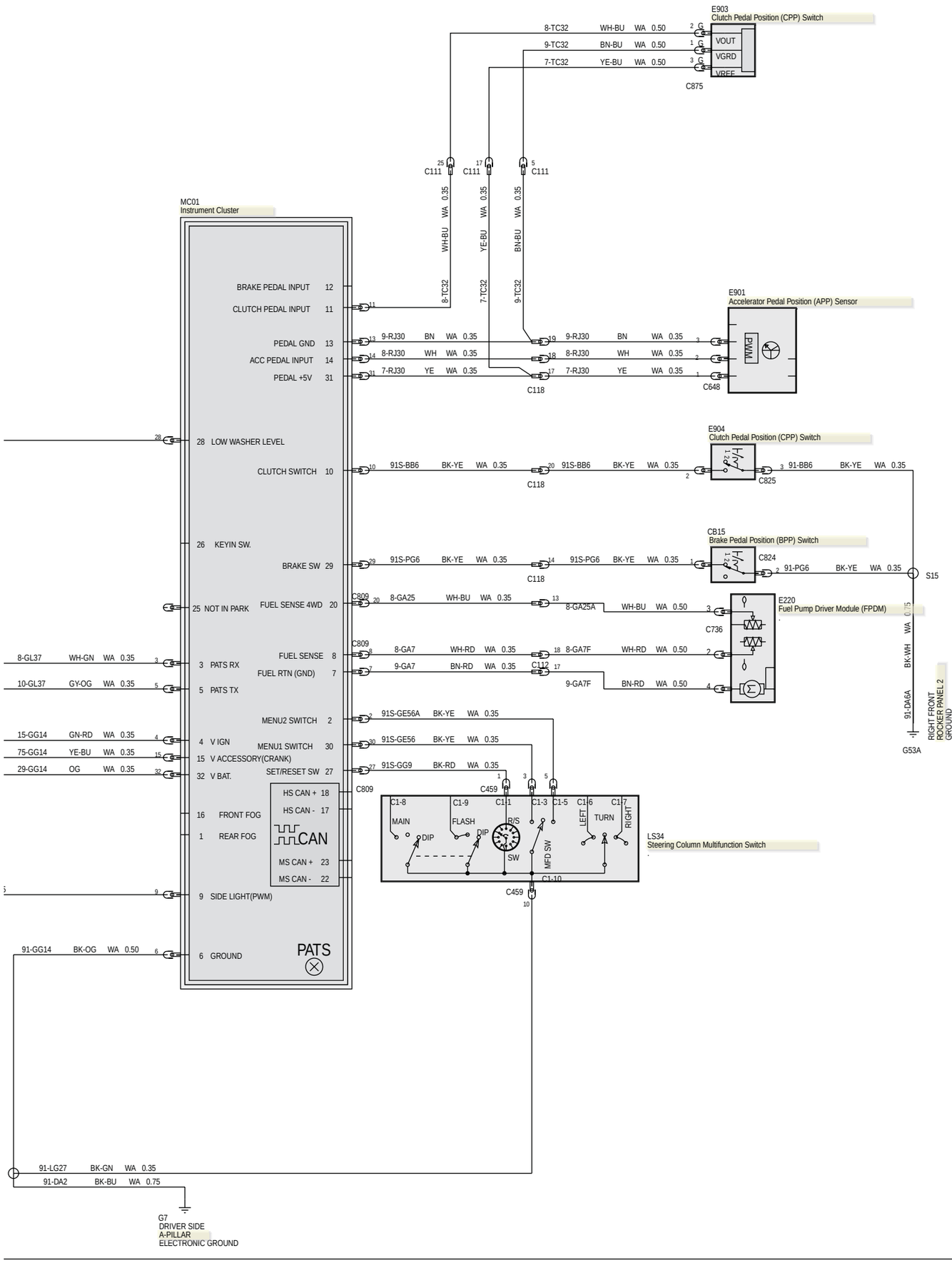
413-01-5 Instrument Cluster—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V



413-01-6 Instrument Cluster—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD

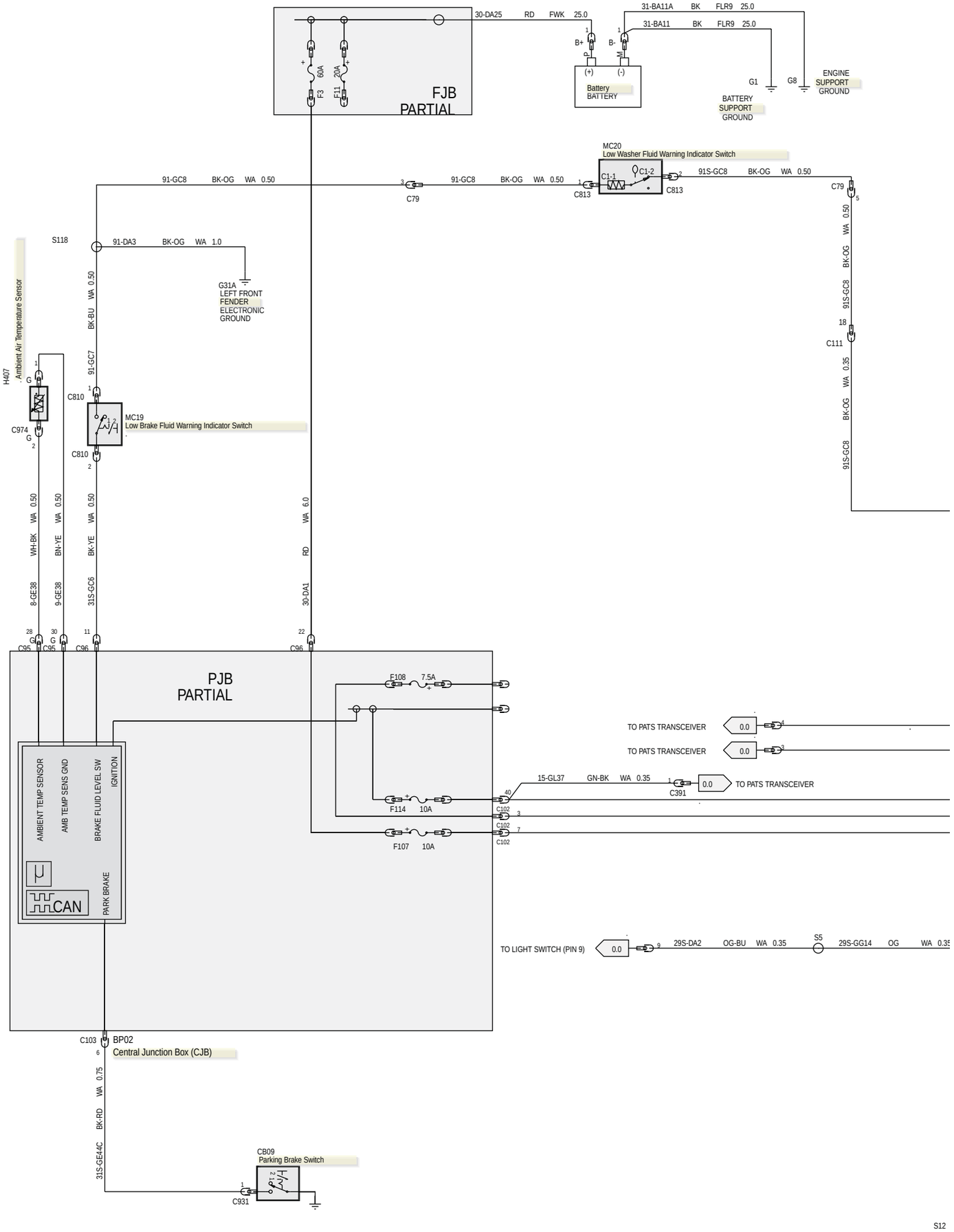


413-01-7 Instrument Cluster—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD



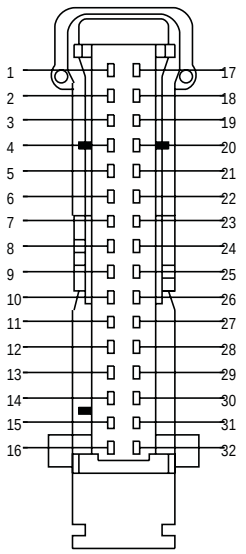
413-01-8 Instrument Cluster—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS)

- DW, RHD 4WD, Emission Requirements: Stage V



## Instrument Cluster (G1234554)

PIN 25 => 31S-TA32 BK-WH 0.35 WA
PIN 25 => 31S-TA32 BK-WH 0.35 WA + 31S-TA32B BK-WH 0.35 WA
PIN 25 => 31S-TA32B BK-WH 0.35 WA + 31S-TA32A BK-WH 0.35 WA
PIN 25 => 31S-TA32B BK-WH 0.35 WAPIN 25 => 31S-TA32B BK-WH 0.35 WA



| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15S-LD13 | GN-OG | WA 0.75 | 1 | | | 17 | 5-EC7H | BU-RD | WA 0.35 | | | |
| 91S-GE56A | BK-YE | WA 0.35 | 2 | | | 18 | 4-EC7H | GY-RD | WA 0.35 | | | |
| 8-GL37 | WH-GN | WA 0.35 | 3 | | | 19 | | | | | | |
| 15-GG14 | GN-RD | WA 0.35 | 4 | | | 20 | 8-GA25 | WH-BU | WA 0.35 | | | |
| 10-GL37 | GY-OG | WA 0.35 | 5 | | | 21 | | | | | | |
| 91-GG14 | BK-OG | WA 0.50 | 6 | | | 22 | 5-EC10 | BU | WA 0.35 | | | |
| 9-GA7 | BN-RD | WA 0.35 | 7 | | | 23 | 4-EC10 | GY | WA 0.35 | | | |
| 8-GA7 | WH-RD | WA 0.35 | 8 | | | 24 | | | | | | |
| 29S-GG14 | OG | WA 0.35 | 9 | | | 25 | 31S-TA32A | BK-WH | WA 0.35 | + 31S-TA32B | BK-WH | WA 0.35 |
| 91S-BB6 | BK-YE | WA 0.35 | 10 | | | 26 | | | | | | |
| 8-TC32 | WH-BU | WA 0.35 | 11 | | | 27 | 91S-GG9 | BK-RD | WA 0.35 | | | |
| | | | 12 | | | 28 | 91S-GC8 | BK-OG | WA 0.35 | | | |
| 9-RJ30 | BN | WA 0.35 | 13 | | | 29 | 91S-PG6 | BK-YE | WA 0.35 | | | |
| 8-RJ30 | WH | WA 0.35 | 14 | | | 30 | 91S-GE56 | BK-YE | WA 0.35 | | | |
| 75-GG14 | YE-BU | WA 0.35 | 15 | | | 31 | 7-RJ30 | YE | WA 0.35 | | | |
| 15S-LD7 | GN-BU | WA 0.75 | 16 | | | 32 | 29-GG14 | OG | WA 0.35 | | | |

YS6T-14489-RZA

C809

TO INSTRUMENT CLUSTER

HARNESS 14401

# SECTION 413-06 Horn

## VEHICLE APPLICATION: 2011.0 Kuga

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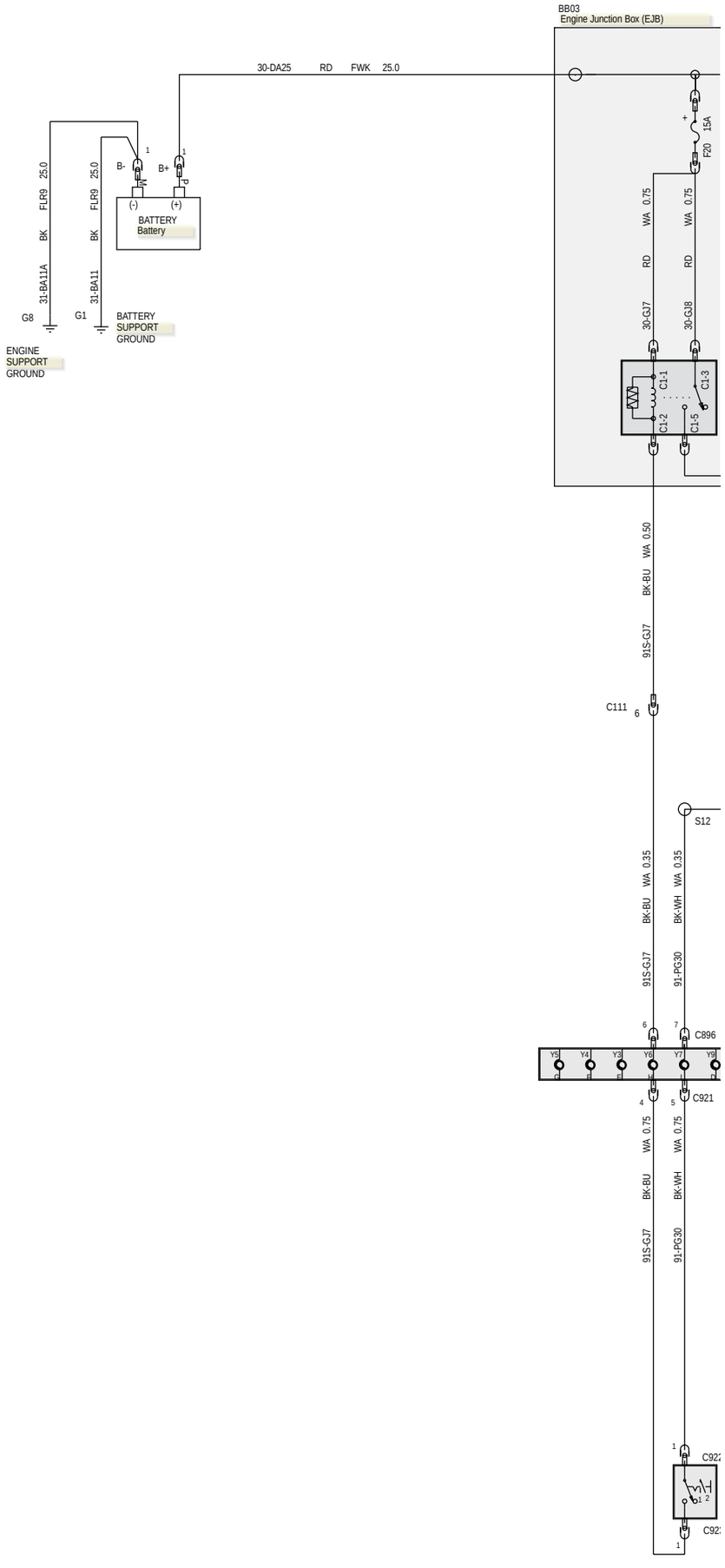
**ELECTRICAL SCHEMATICS**

Horn..... 413-06-2

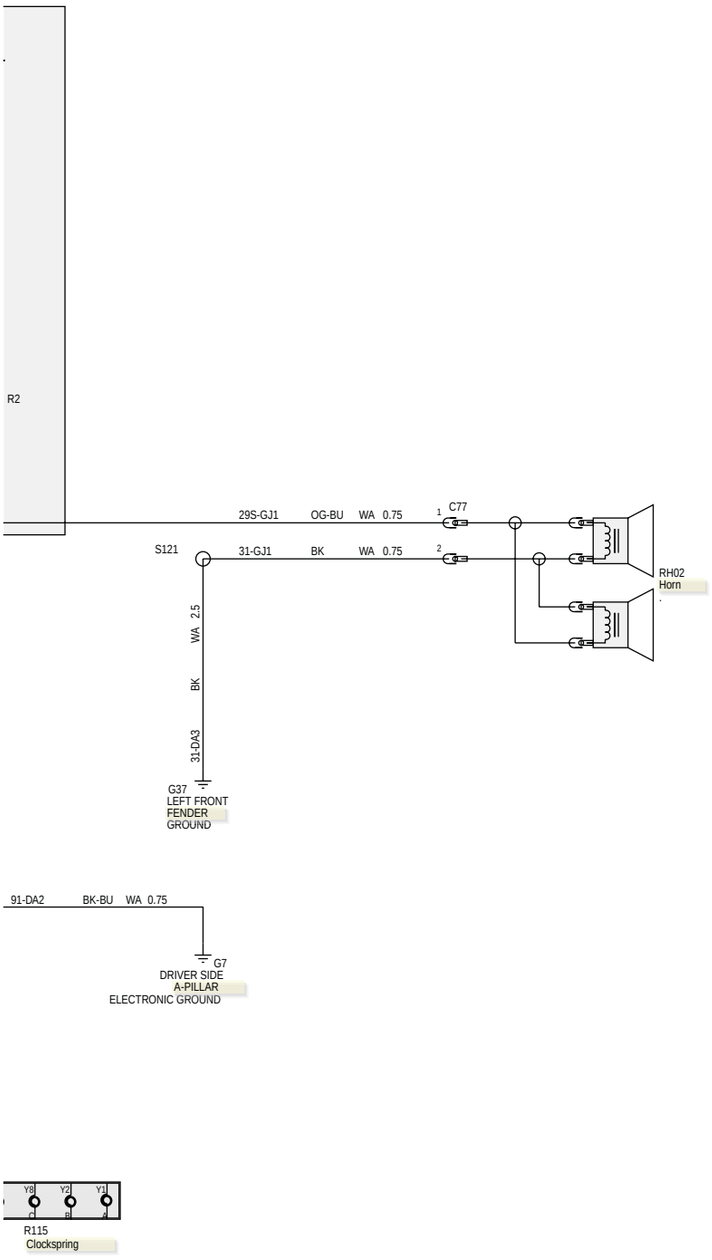
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Horn..... 413-06-4
Horn..... 413-06-4
Horn Relay..... 413-06-4
Horn Switch..... 413-06-5
Horn Switch..... 413-06-5

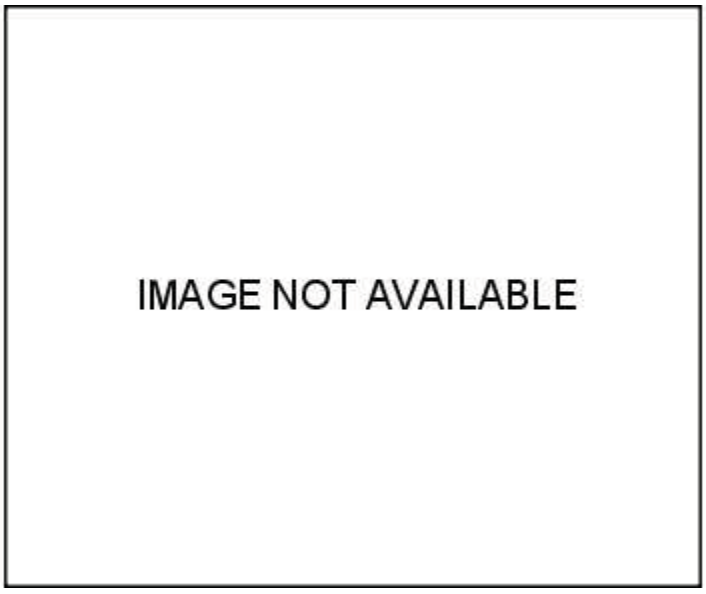
413-06-2 Horn


BB03
Engine Junction Box (EJB)
30-DA25 RD FWK 25.0
15A
F20
WA 0.75
RD
30-GJ17
30-GJ18
C1-1
C1-2
C1-3
C1-5
WA 0.50
BK-BU
91S-GJ7
C111
6
S12
WA 0.35
BK-WH
91-PG30
C896
Y5
Y4
Y3
Y6
Y7
Y9
C921
WA 0.75
BK-BU
91S-GJ37
91-PG30
B-
B+
(-)
(+)
BATTERY
Battery
25.0
FLR9
BK
31-BA11A
31-BA11
G8
G1
BATTERY
SUPPORT
GROUND
ENGINE
SUPPORT
GROUND

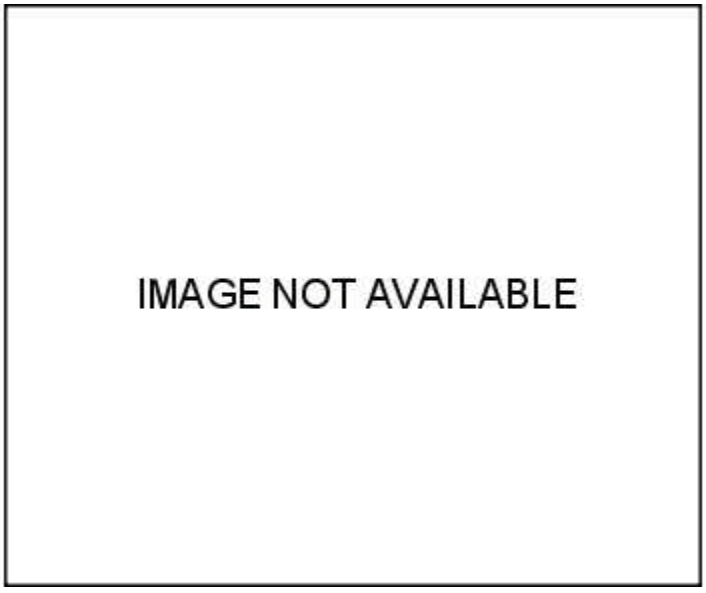
413-06-3 Horn


R2
29S-GJ1 OG-BU WA 0.75
C77
1
S121
31-GJ1 BK WA 0.75
2
RH02
Horn
WA 2.5
BK
31-DA3
G37
LEFT FRONT
FENDER
GROUND
91-DA2 BK-BU WA 0.75
G7
DRIVER SIDE
A-PILLAR
ELECTRONIC GROUND
Y8
Y2
Y1
C
B
A
R115
Clockspring
2
RH03
Horn Switch
3

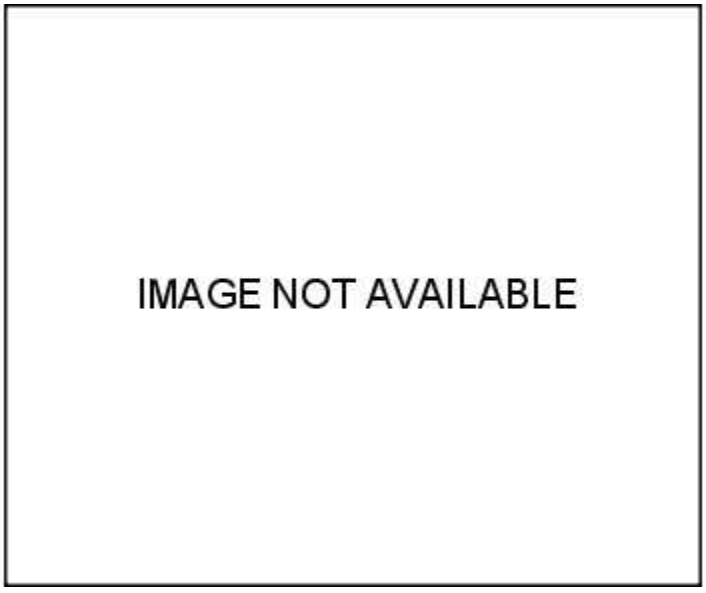
Horn (G1240700)



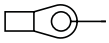

Horn (G1240701)




Horn Relay (G1313045)



## Horn Switch (G1239852)



1 91-PG30 BK-WH WA 0.75 + 91-JA48 BK-GN WA 0.75

92BG-14463-GHA

C922
TO STEERING WHEEL GROUND

HARNESS 13927

## Horn Switch (G1239853)



1 91S-GJ7 BK-BU WA 0.75

3M5T-14474-GEA

C923
TO HORN SWITCH

HARNESS 13927

# SECTION 413-09 Warning Devices

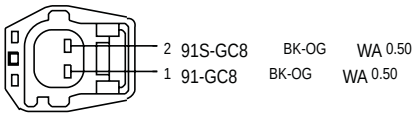
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Low Washer Fluid Warning Indicator Switch..... 413-09-2

## Low Washer Fluid Warning Indicator Switch (G1234557)




XW4T-14A464-AHB

C813
TO LOW CLEANING WATER LEVEL SWITCH

HARNESS F221050

# SECTION 413-13 Parking Aid

## VEHICLE APPLICATION: 2011.0 Kuga

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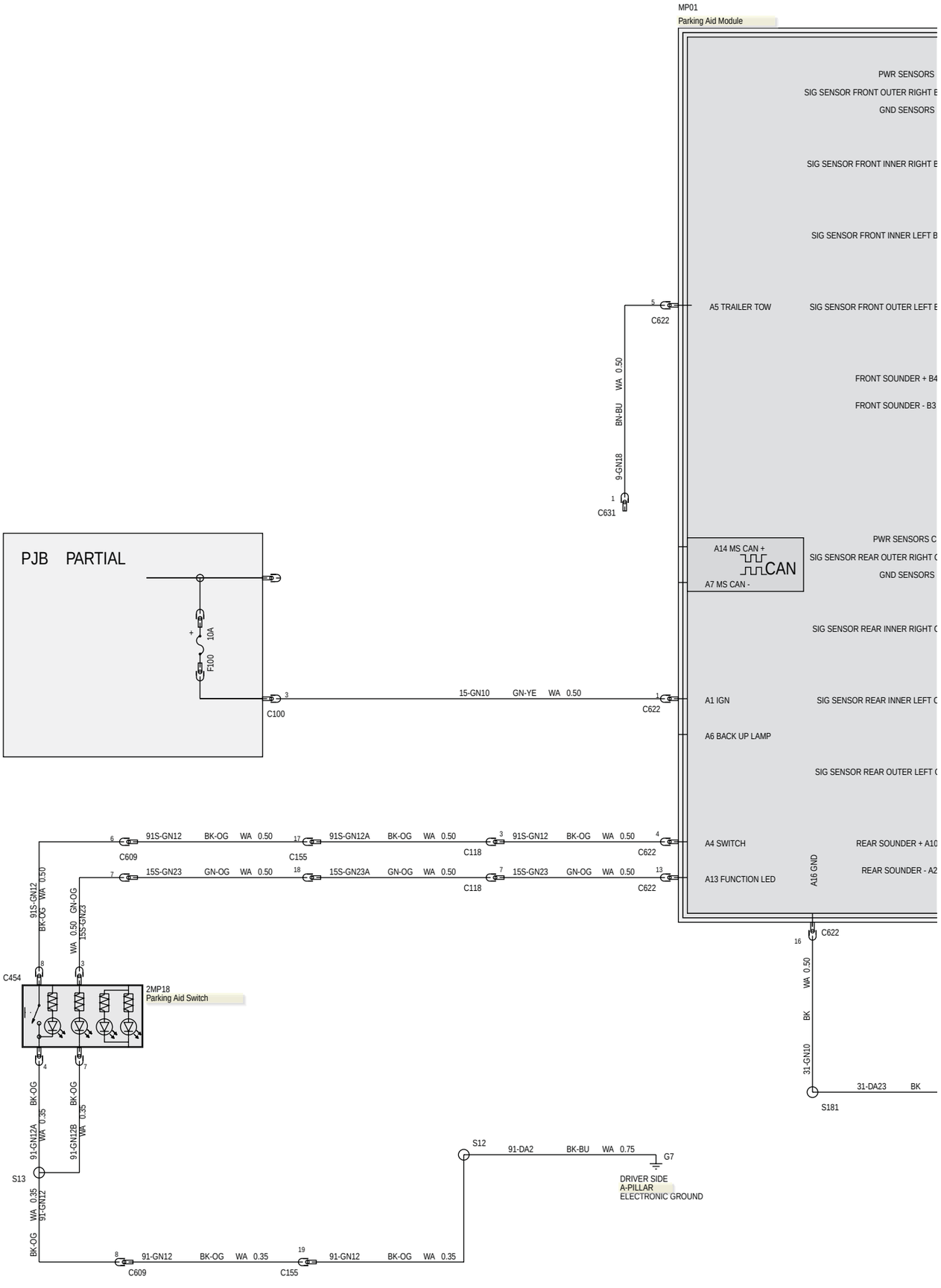
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Parking Aid — Vehicles With: Parking Aid Camera..... 413-13-4

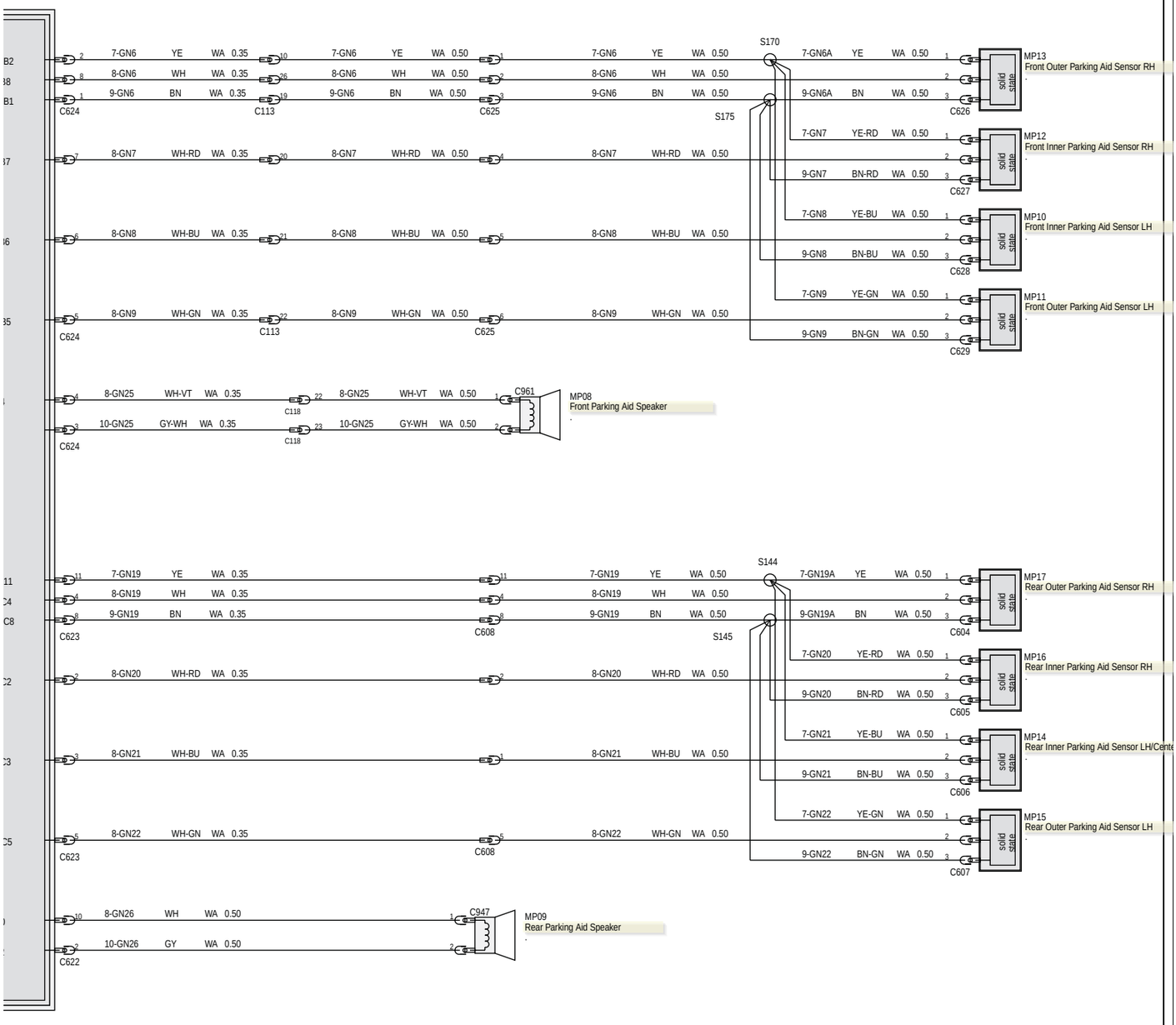
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Front Inner Parking Aid Sensor RH..... 413-13-8
Front Outer Parking Aid Sensor LH..... 413-13-8
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Parking Aid Camera Module — B..... 413-13-9
Parking Aid Camera Module — C..... 413-13-9
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Parking Aid Module..... 413-13-10
Parking Aid Module..... 413-13-10
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Rear Inner Parking Aid Sensor LH/Center..... 413-13-11
Rear Inner Parking Aid Sensor RH..... 413-13-11
Rear Outer Parking Aid Sensor LH..... 413-13-11
Rear Outer Parking Aid Sensor RH..... 413-13-12
Rear Parking Aid Camera..... 413-13-12
Rear Parking Aid Speaker..... 413-13-12

413-13-2 Parking Aid—Vehicles Without: Parking Aid Camera



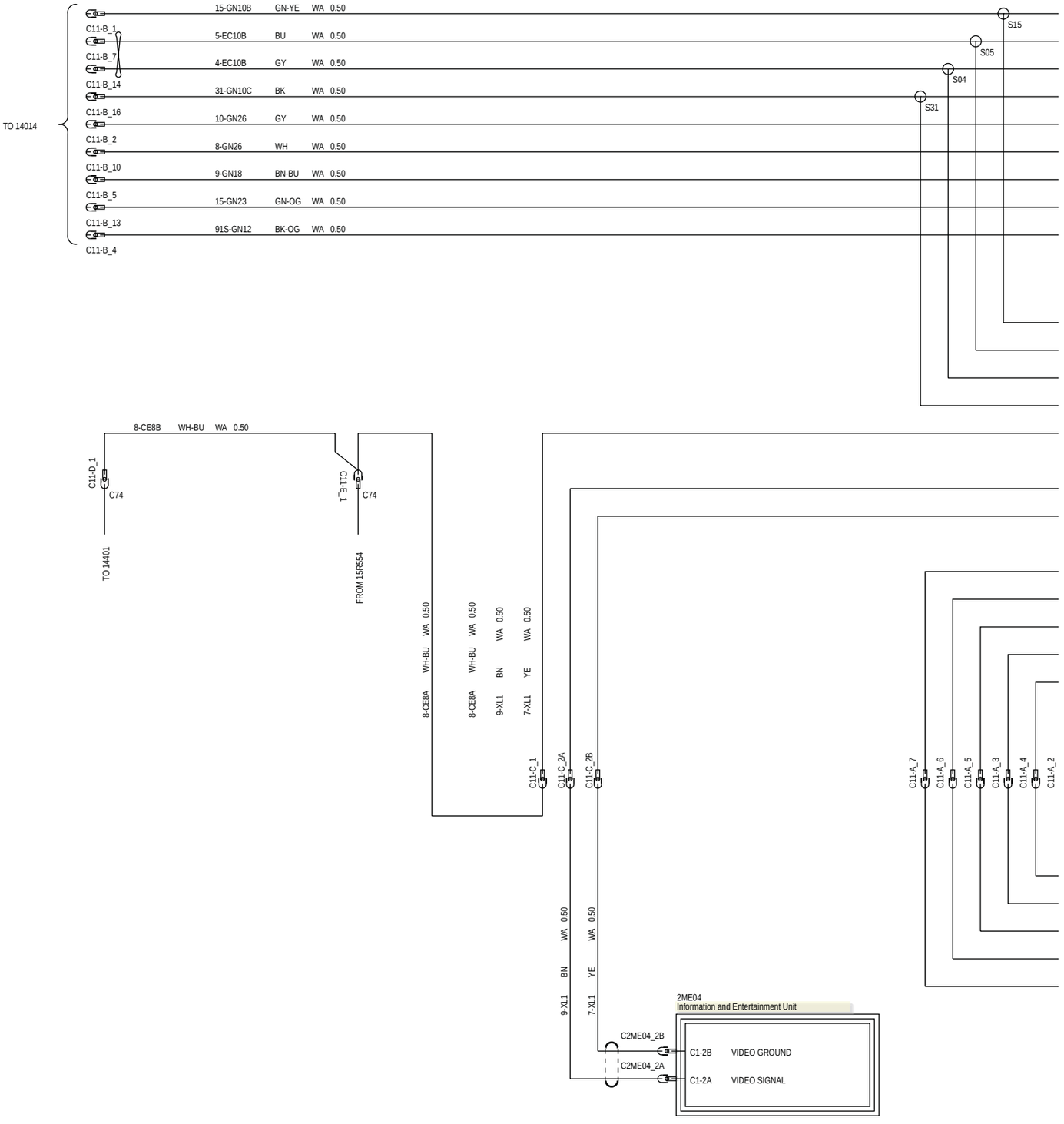
413-13-3 Parking Aid—Vehicles Without: Parking Aid Camera



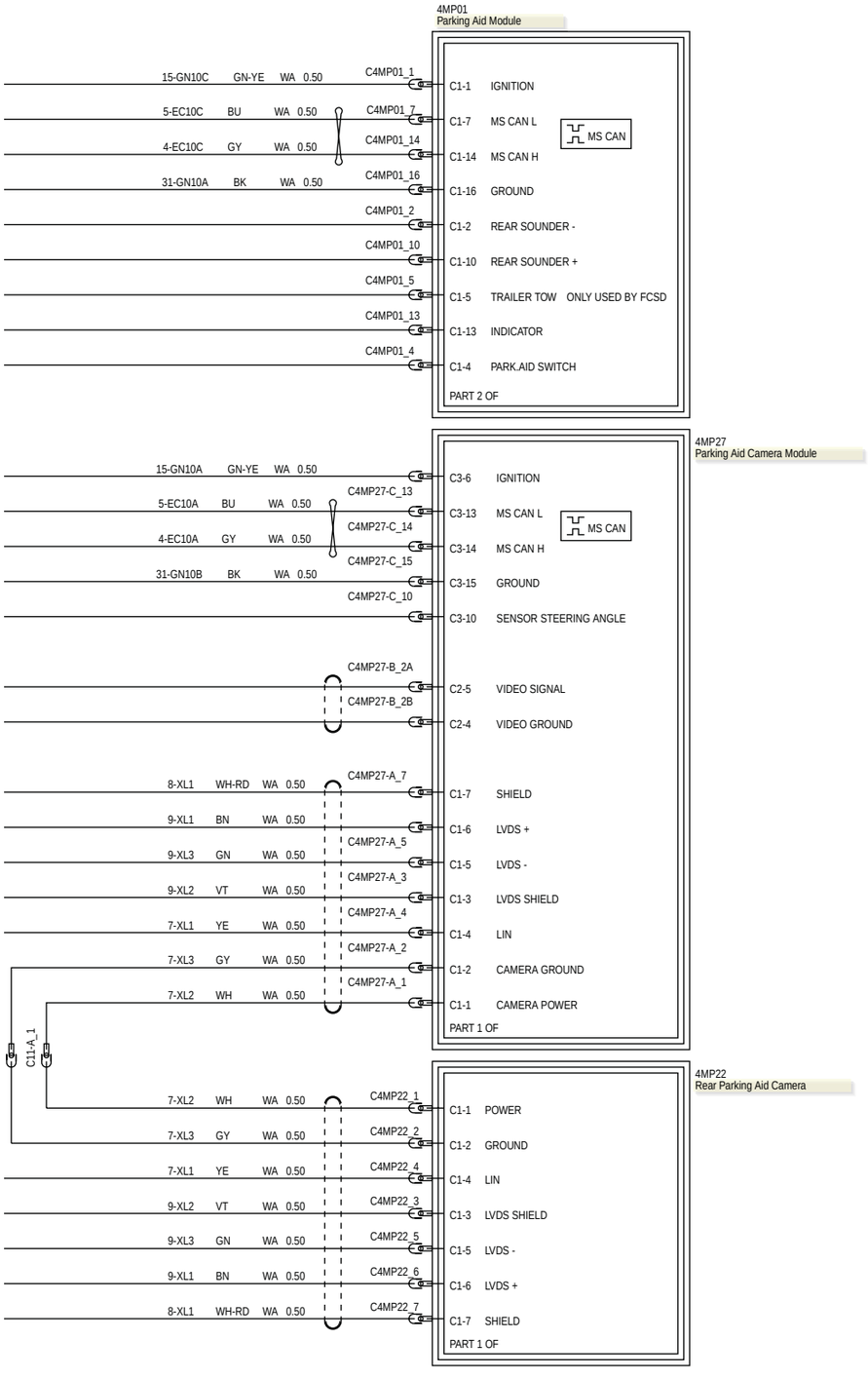

WA 1.5

G70B
RIGHT
WHEELARCH
GROUND

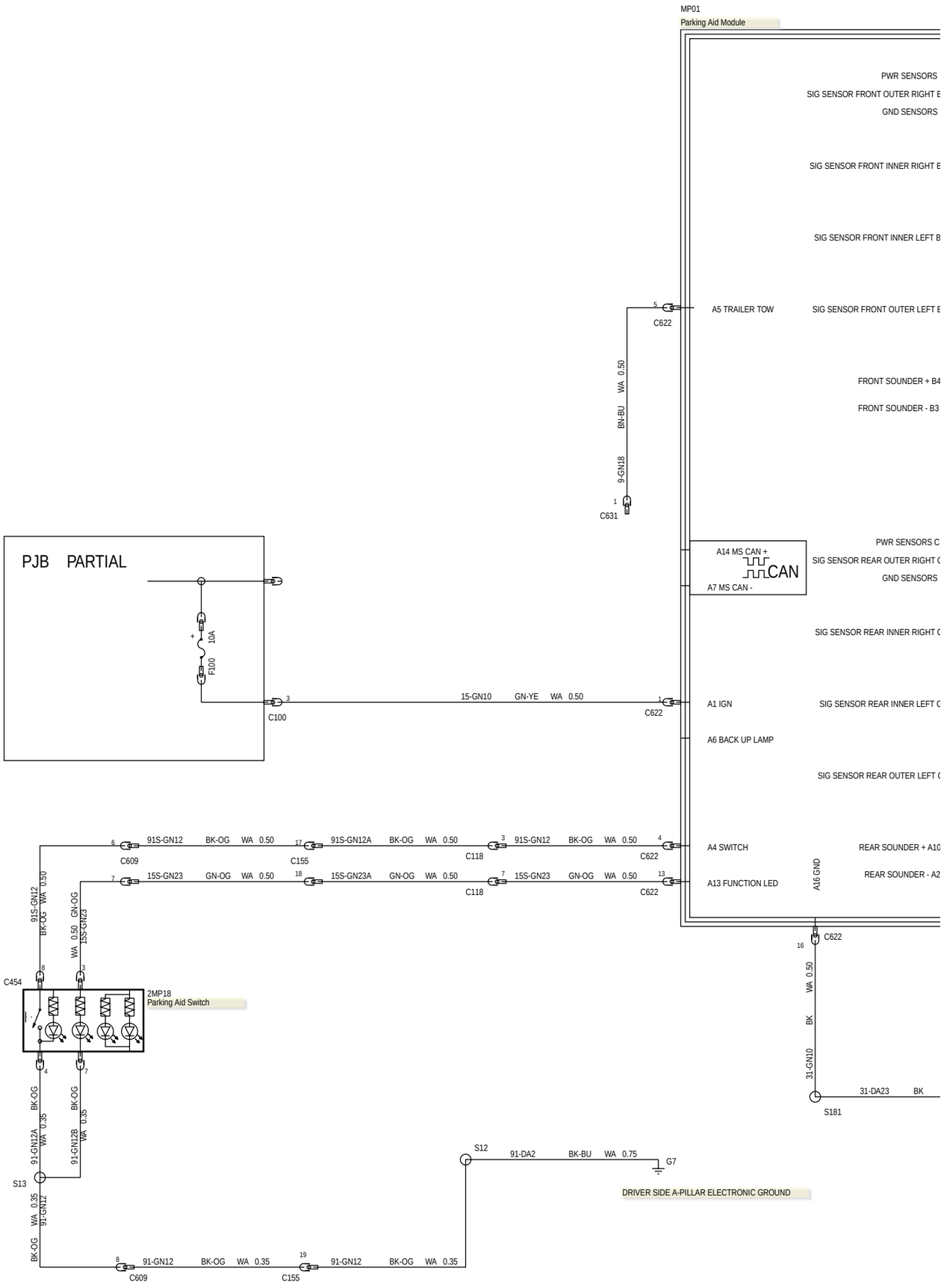
413-13-4 Parking Aid—Vehicles With: Parking Aid Camera



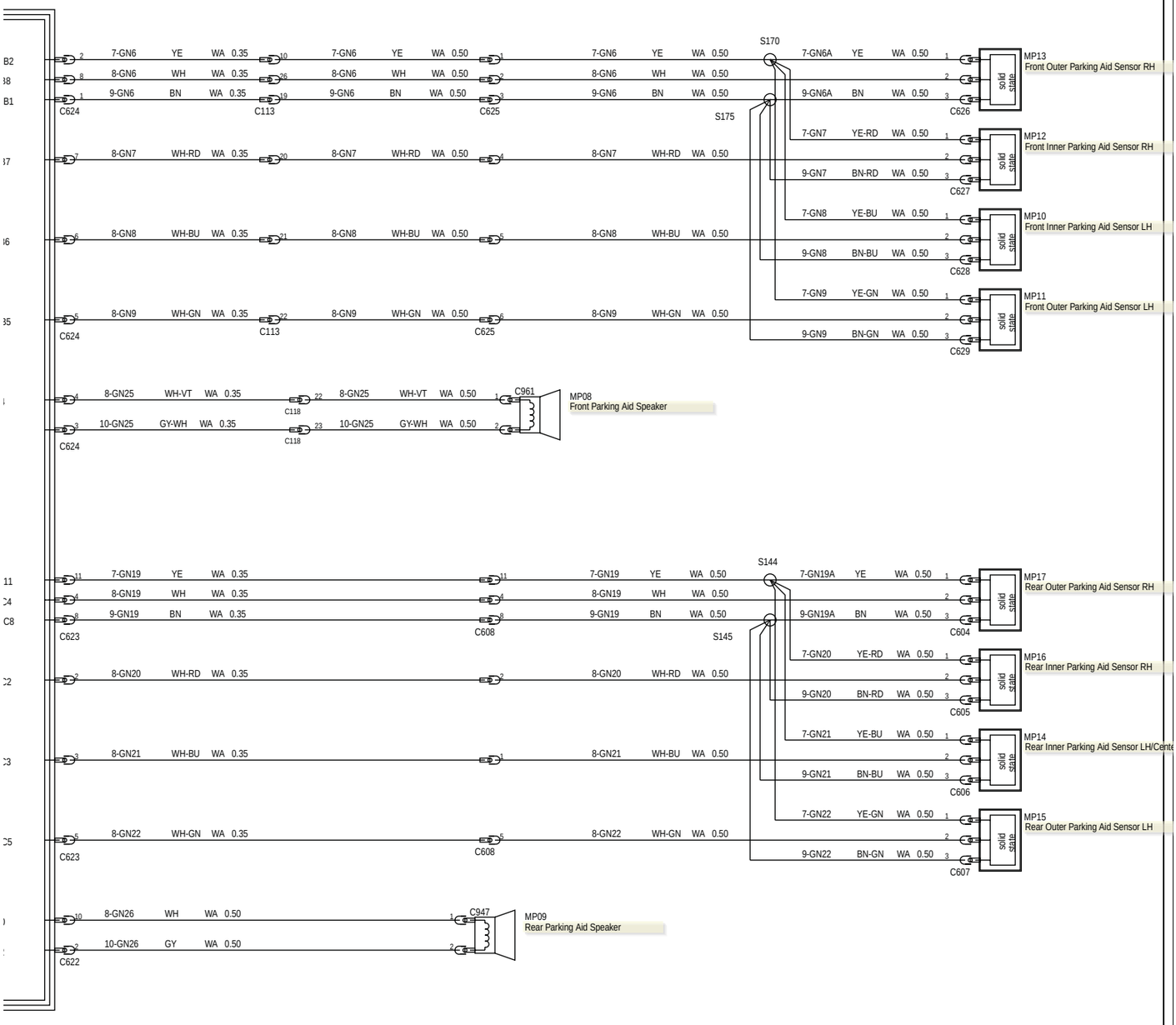
413-13-5 Parking Aid—Vehicles With: Parking Aid Camera



413-13-6 Parking Aid—Vehicles With: Parking Aid Camera



413-13-7 Parking Aid—Vehicles With: Parking Aid Camera

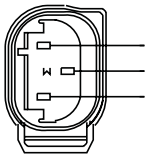



WA 1.5

G70B

RIGHT WHEELARCH GROUND

## Front Inner Parking Aid Sensor LH (G1234570)



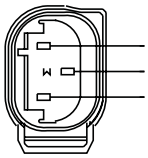
| | | | |
|---|---|---|---|
| 1 | 7-GN8 | YE-BU | WA 0.50 |
| 2 | 8-GN8 | WH-BU | WA 0.50 |
| 3 | 9-GN8 | BN-BU | WA 0.50 |

98AG-14A464-RDA

C628
TO PARK AID SENSOR

HARNESS 15K867

## Front Inner Parking Aid Sensor RH (G1234571)



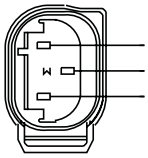
| | | | |
|---|---|---|---|
| 1 | 7-GN7 | YE-RD | WA 0.50 |
| 2 | 8-GN7 | WH-RD | WA 0.50 |
| 3 | 9-GN7 | BN-RD | WA 0.50 |

98AG-14A464-RDA

C627
TO PARK AID SENSOR

HARNESS 15K867

## Front Outer Parking Aid Sensor LH (G1234572)



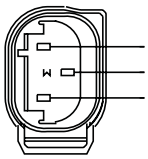
| | | | |
|---|---|---|---|
| 1 | 7-GN9 | YE-GN | WA 0.50 |
| 2 | 8-GN9 | WH-GN | WA 0.50 |
| 3 | 9-GN9 | BN-GN | WA 0.50 |

98AG-14A464-RDA

C629
TO PARK AID SENSOR

HARNESS 15K867

## Front Outer Parking Aid Sensor RH (G1234573)



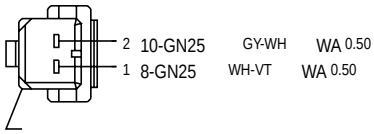
| | | | |
|---|---|---|---|
| 1 | 7-GN6A | YE | WA 0.50 |
| 2 | 8-GN6 | WH | WA 0.50 |
| 3 | 9-GN6A | BN | WA 0.50 |

98AG-14A464-RDA

C626
TO PARK AID SENSOR

HARNESS 15K867

## Front Parking Aid Speaker (G1234574)

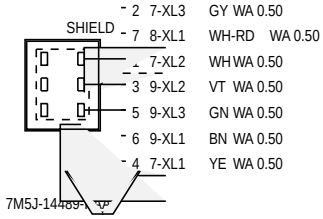



F7LB-14489-AA

C961
TO PARKING AID SOUNDER

HARNESS 14401

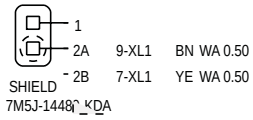
## Parking Aid Camera Module—A (G1249552)




C4MP22-A
TO ELECTRONIC CONTROL UNIT

HARNESS 14D466-CA

## Parking Aid Camera Module—B (G1249553)

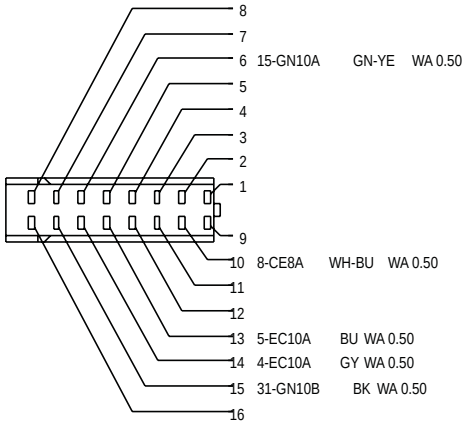



7M5J-14489-KDA

C4MP22-B
TO ELECTRONIC CONTROL UNIT

HARNESS 14D466-DA

## Parking Aid Camera Module—C (G1249554)

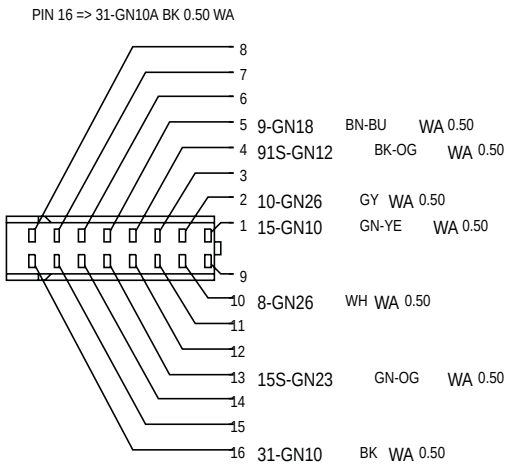



7M5J-14489-KEA

C4MP22-C
TO ELECTRONIC CONTROL UNIT

HARNESS 14D466-DA

## Parking Aid Module (G1234575)

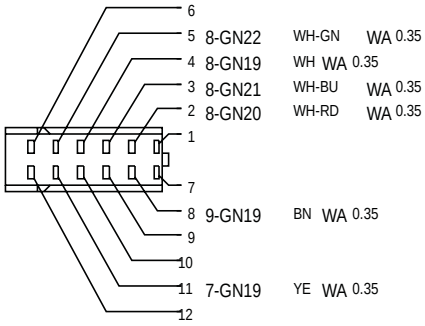



3M5T-14488-AA

C622
TO PARKING AID MODULE

HARNESS 14014

## Parking Aid Module (G1239854)

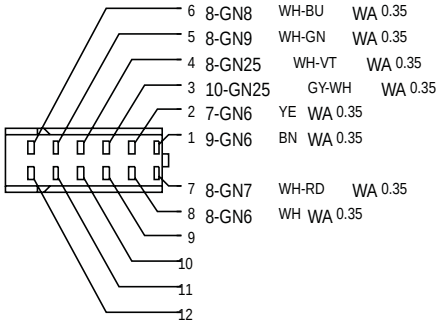



3M5T-14488-BA

C623
TO REAR PARKING AID SENSORS

HARNESS 14014

## Parking Aid Module (G1239855)

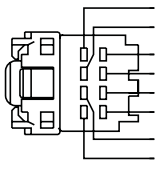



3M5T-14488-BA

C624
TO FRONT PARKING AID SENSORS

HARNESS 14014

## Parking Aid Switch (G1234576)



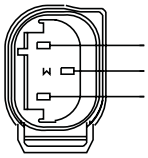
| | | | | |
|---|---|---|---|---|
| 1 | 15-JA56 | GN-OG | WA | 0.35 |
| 2 | 29S-LH49 | OG-BK | WA | 0.50 |
| 5 | | | | |
| 6 | 91S-JA56 | BK-RD | WA | 0.35 |
| 7 | 91-GN12B | BK-OG | WA | 0.35 |
| 8 | 91S-GN12 | BK-OG | WA | 0.50 |
| 3 | 15S-GN23 | GN-OG | WA | 0.50 |
| 4 | 91-GN12A | BK-OG | WA | 0.35 |

2L7T-14489-CA

C454
TO FRONT PA DISABLE & PAD SWITCH

HARNESS 14B079

## Rear Inner Parking Aid Sensor LH/Center (G1234577)



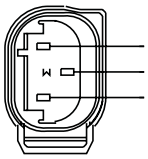
| | | | | |
|---|---|---|---|---|
| 1 | 7-GN21 | YE-BU | WA | 0.50 |
| 2 | 8-GN21 | WH-BU | WA | 0.50 |
| 3 | 9-GN21 | BN-BU | WA | 0.50 |

98AG-14A464-RDA

C606
TO PARK AID SENSOR

HARNESS 15K868

## Rear Inner Parking Aid Sensor RH (G1234578)



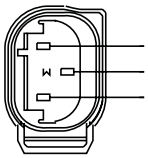
| | | | | |
|---|---|---|---|---|
| 1 | 7-GN20 | YE-RD | WA | 0.50 |
| 2 | 8-GN20 | WH-RD | WA | 0.50 |
| 3 | 9-GN20 | BN-RD | WA | 0.50 |

98AG-14A464-RDA

C605
TO PARK AID SENSOR

HARNESS 15K868

## Rear Outer Parking Aid Sensor LH (G1234579)



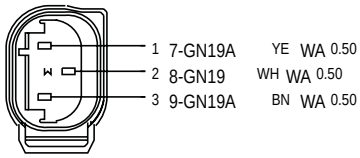
| | | | | |
|---|---|---|---|---|
| 1 | 7-GN22 | YE-GN | WA | 0.50 |
| 2 | 8-GN22 | WH-GN | WA | 0.50 |
| 3 | 9-GN22 | BN-GN | WA | 0.50 |

98AG-14A464-RDA

C607
TO PARK AID SENSOR

HARNESS 15K868

## Rear Outer Parking Aid Sensor RH (G1234580)

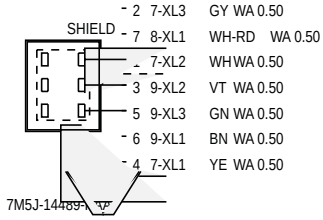



98AG-14A464-RDA

C604
TO PARK AID SENSOR

HARNESS 15K868

## Rear Parking Aid Camera (G1249555)

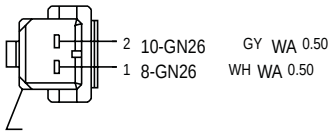



7M5J-14489-A

C4MP19
TO REAR VIEW CAMERA

HARNESS 14D466-AA

## Rear Parking Aid Speaker (G1234581)




F7LB-14489-AA

C947
TO REAR SOUNDER (PARKING AID SYSTEM)

HARNESS 14014

# SECTION 414-01 Battery, Mounting and Cables

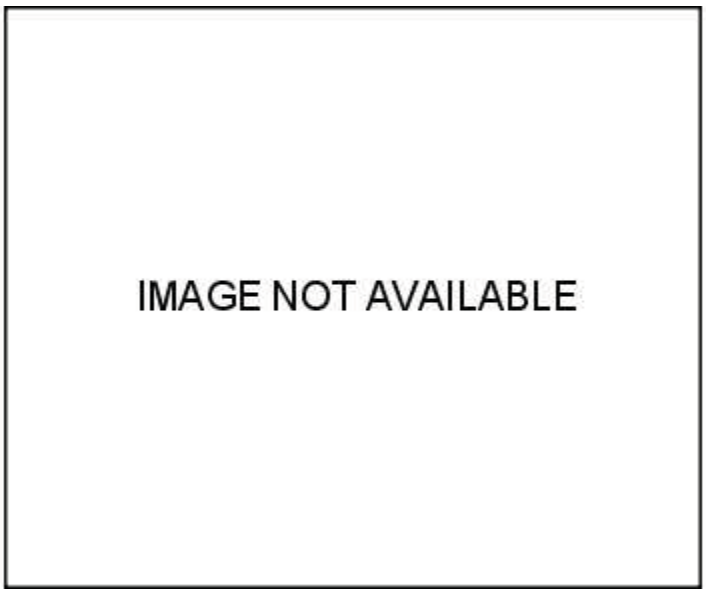
## VEHICLE APPLICATION: 2011.0 Kuga

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Battery Saver Relay (G1313047)



# SECTION 414-02 Generator and Regulator

## VEHICLE APPLICATION: 2011.0 Kuga

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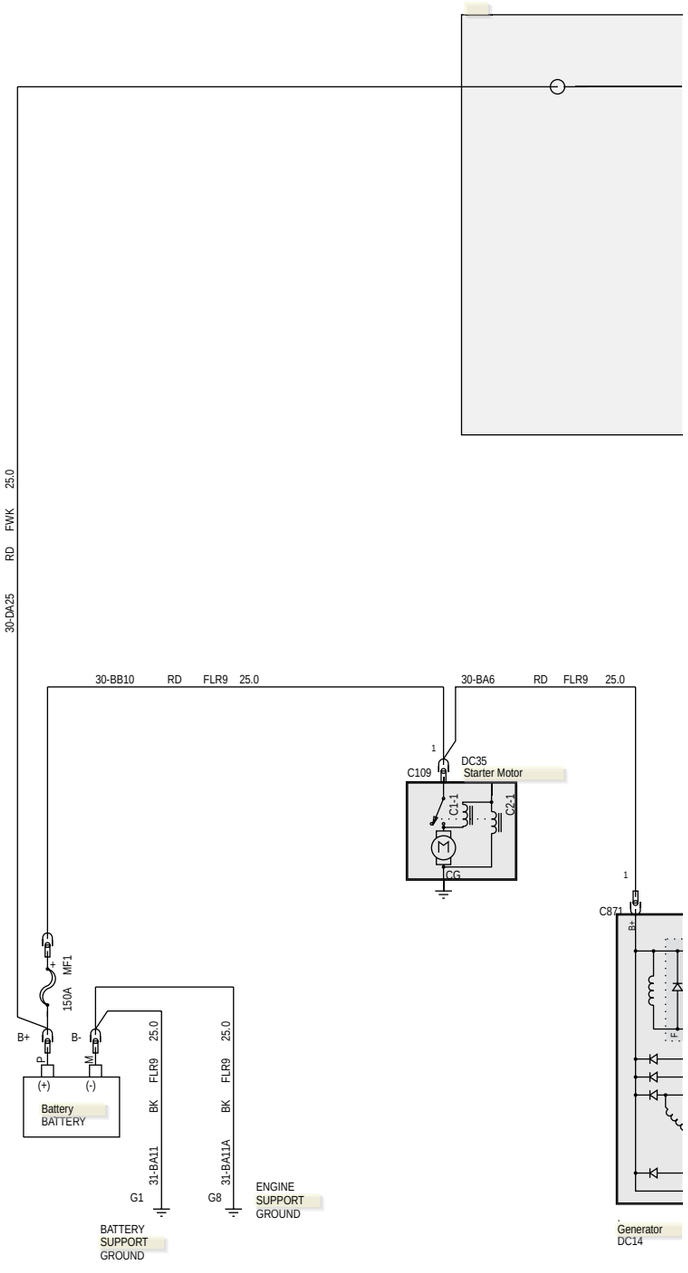
**ELECTRICAL SCHEMATICS**

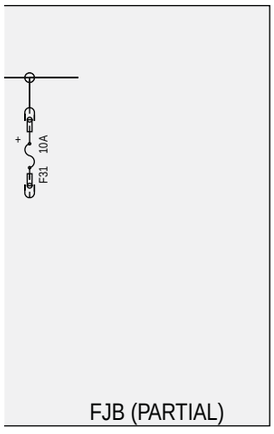
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Charging System — 2.0L Duratorq-TDCi (100kW/136PS) - DW..... 414-02-4

**ELECTRICAL CONNECTORS**

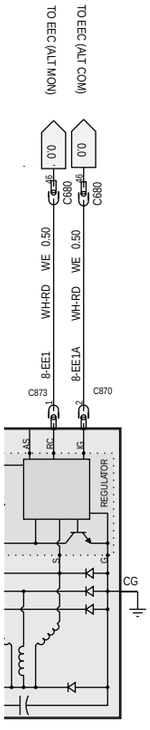
Generator..... 414-02-6
Generator..... 414-02-6
Generator..... 414-02-6

414-02-2 Charging System—2.5L Duratec (147kW/200PS) - VI5

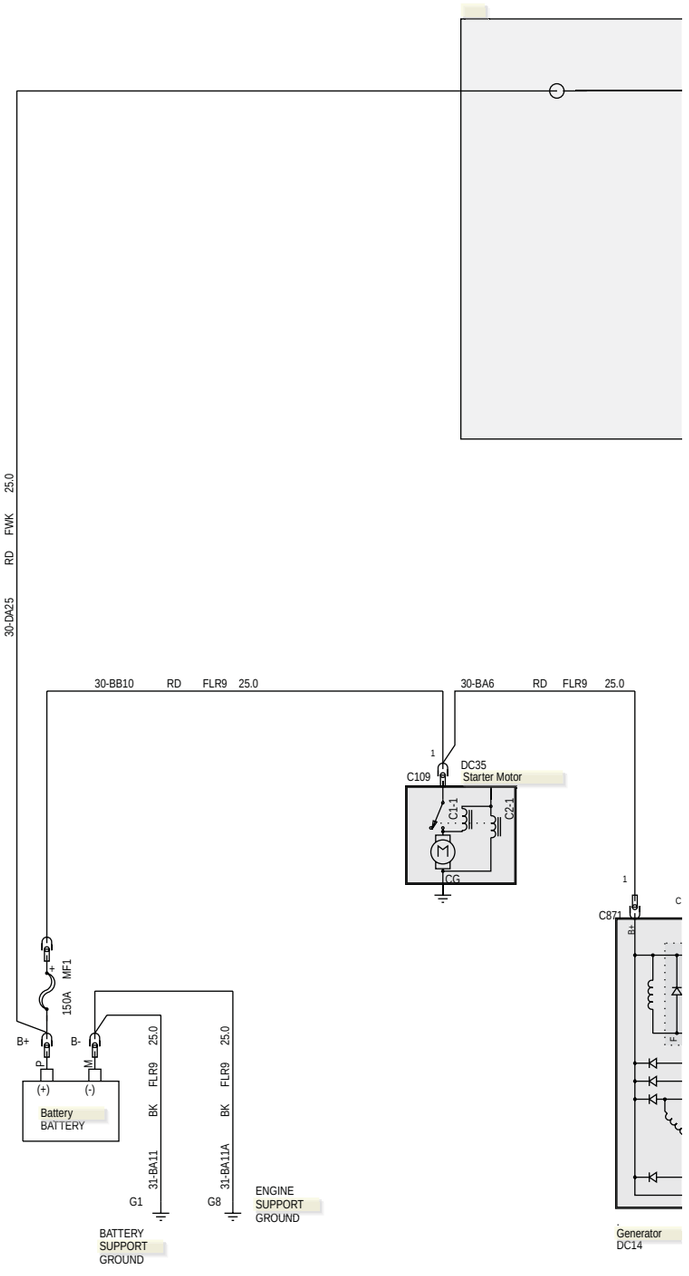



+
10A
F31

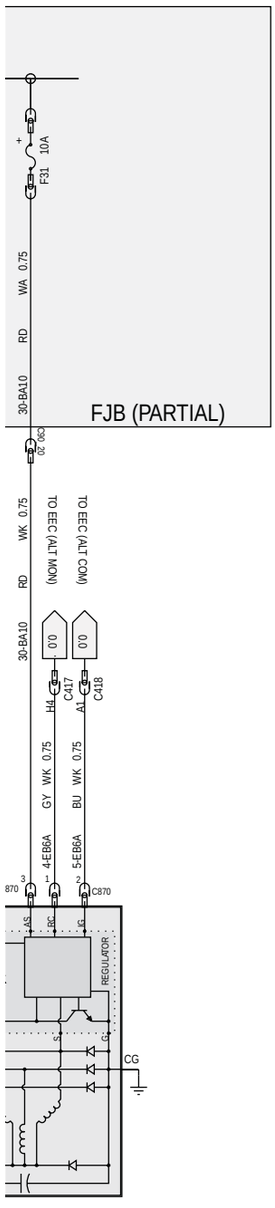
FJB (PARTIAL)


TO EEC (ALT MON)
TO EEC (ALT CON)
C880
C880
WH-RD
WE
0.50
WH-RD
WE
0.50
8-EEE1
8-EE1A
C873
C870
REGULATOR
CG

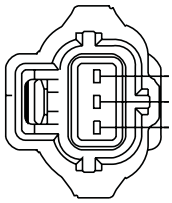
414-02-4 Charging System—2.0L Duratorq-TDCi (100kW/136PS) - DW



414-02-5 Charging System—2.0L Duratorq-TDCi (100kW/136PS) - DW



## Generator (G1234586)

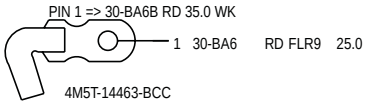



F6DB-14A464-AGA

C870
TO ALTERNATOR

HARNESS 12A690

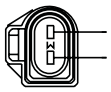
## Generator (G1234587)




4M5T-14463-BCC
C871
TO ALTERNATOR

HARNESS 14A280

## Generator (G1240703)




3M5T-14A464-GBB

C873
TO 150 AMP ALTERNATOR REGULATOR

HARNESS 12A690

# SECTION 415-01 Information and Entertainment System

## VEHICLE APPLICATION: 2011.0 Kuga

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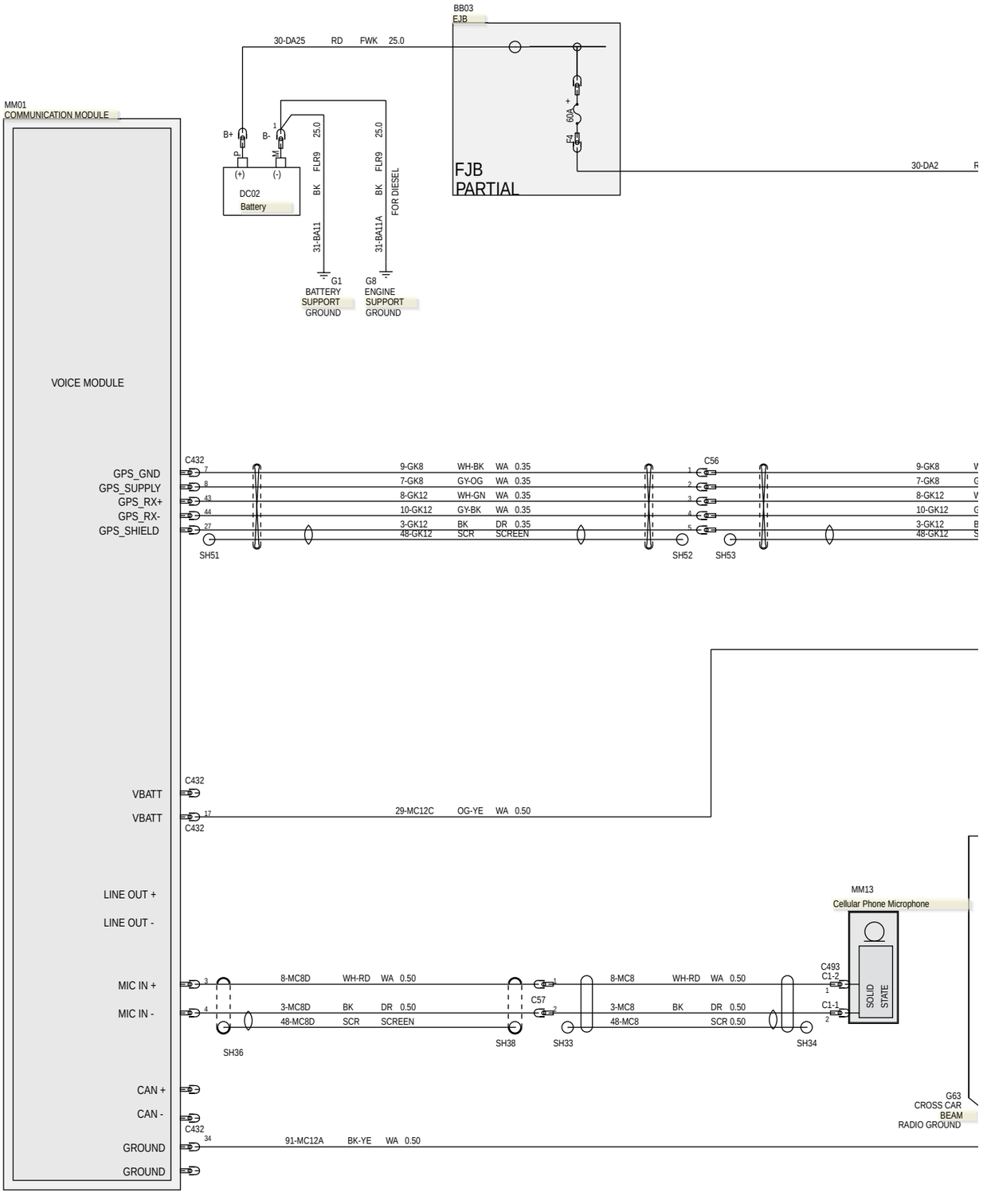
### ELECTRICAL SCHEMATICS

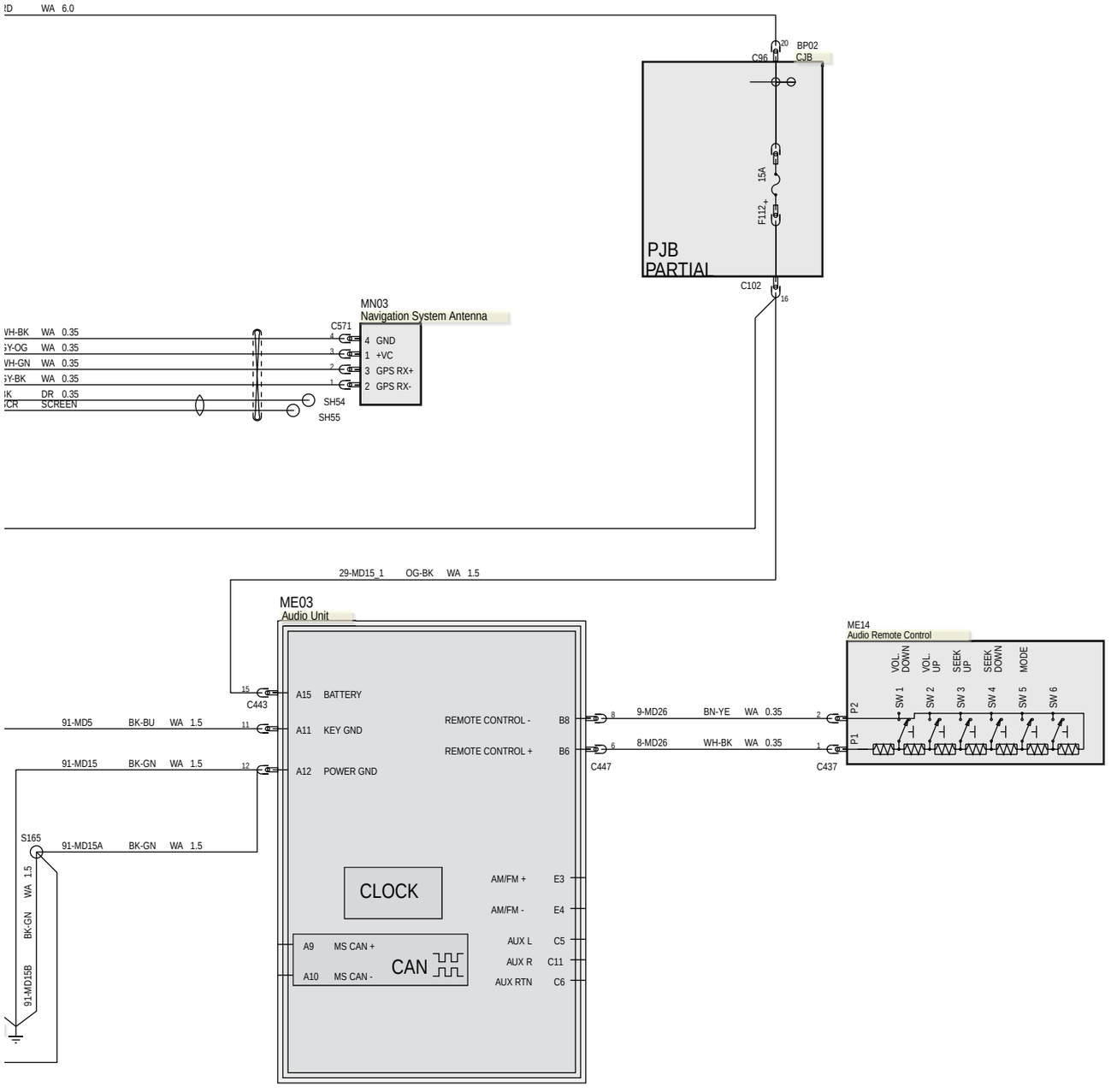
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### ELECTRICAL CONNECTORS

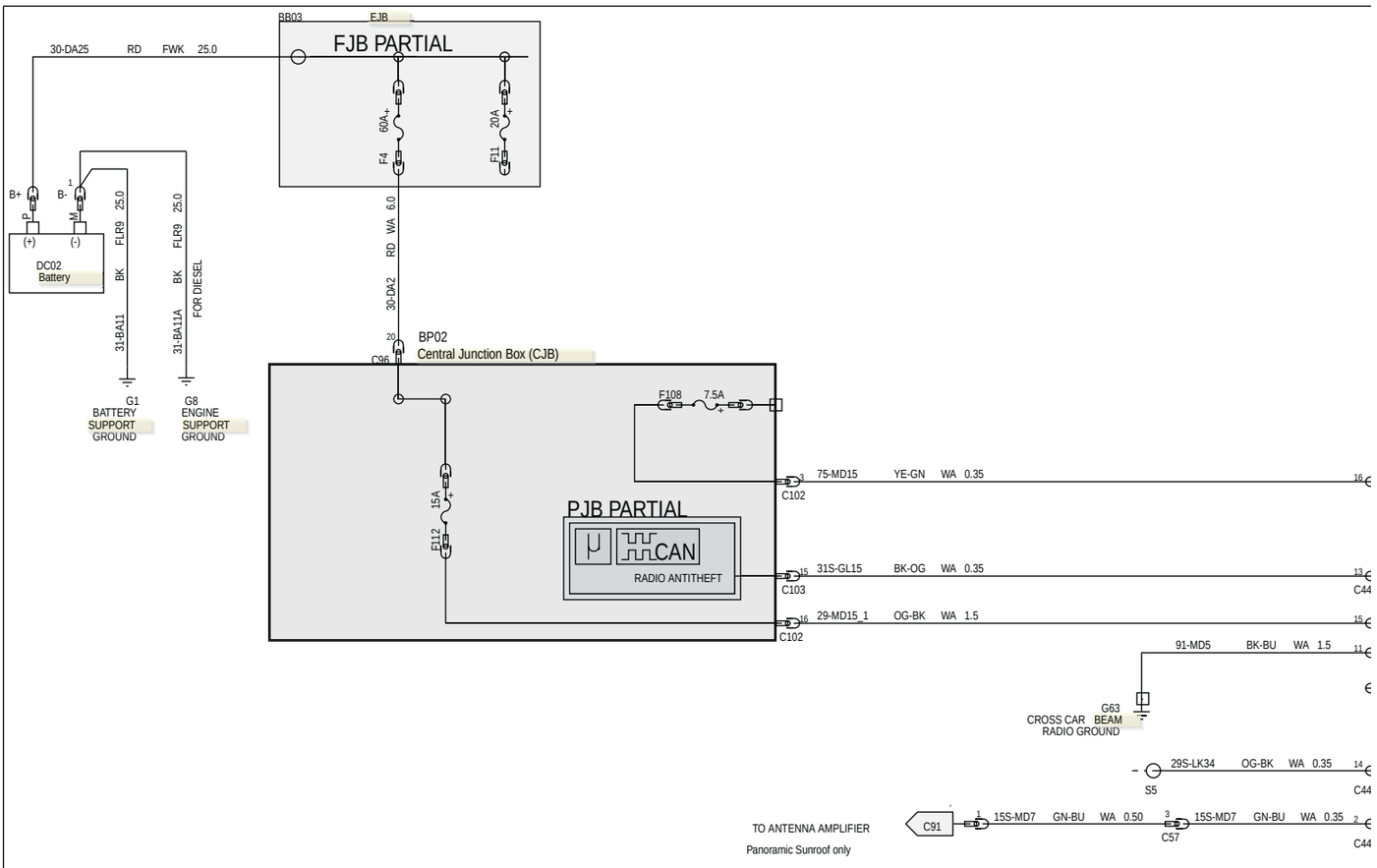
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Rear Door Speaker..... 415-01-17
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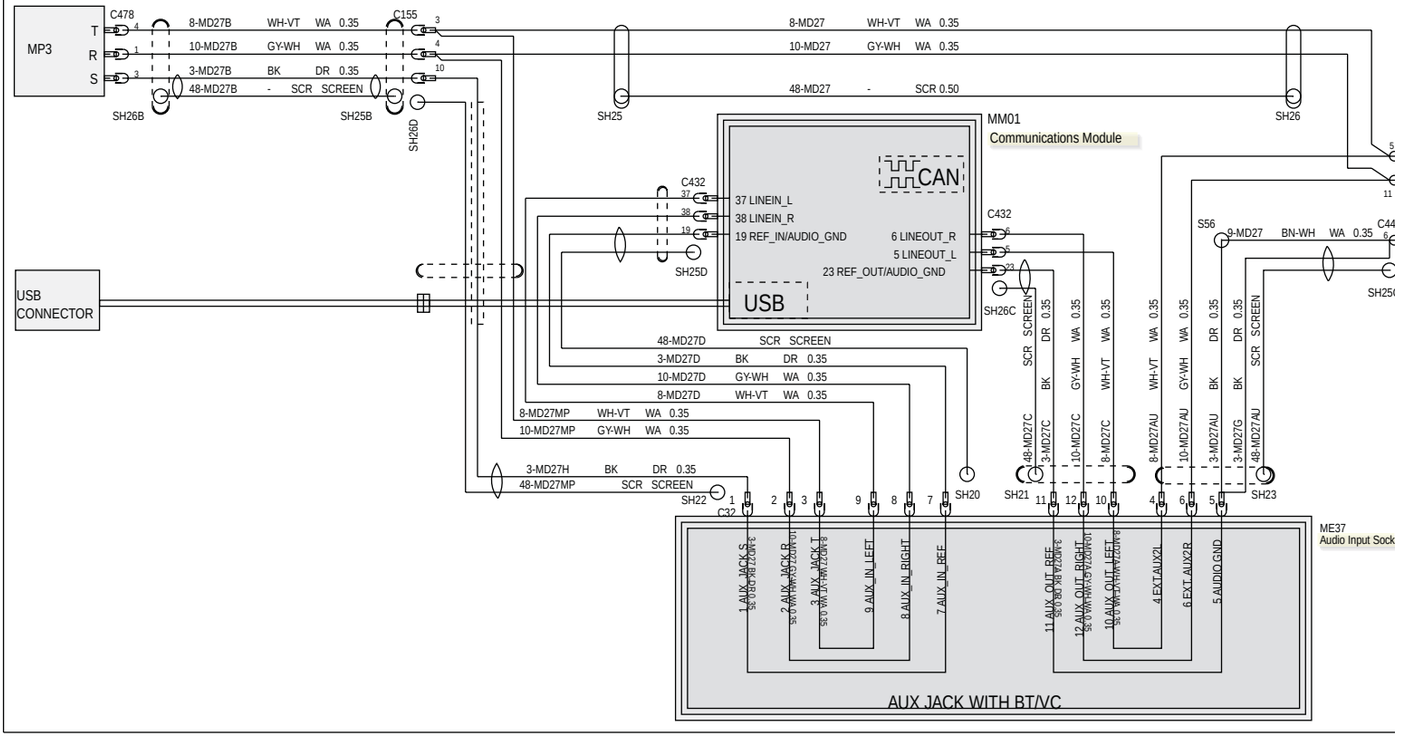
415-01-2 Audio System—Vehicles With: Bluetooth and Voice Control, Vehicles Without: Compact Disc (CD) Changer



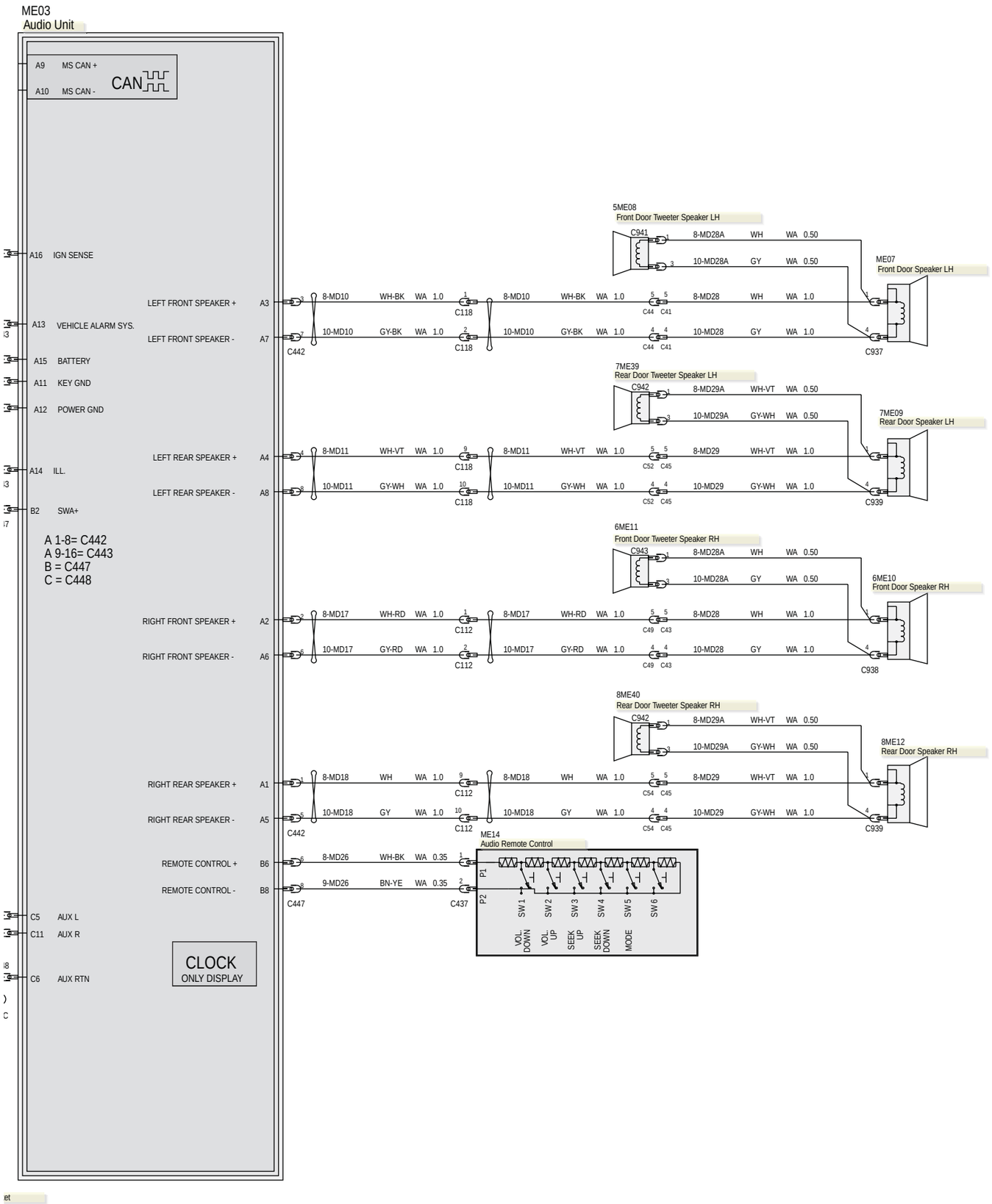

WA 6.0
BP02
CJB
C96
20
15A
F112
PJB
PARTIAL
C102
16
MN03
Navigation System Antenna
C571
4 GND
1 +VC
3 GPS RX+
2 GPS RX-
WA 0.35
WA 0.35
WA 0.35
WA 0.35
DR 0.35
SCREEN
SH54
SH55
29-MD15_1 OG-BK WA 1.5
ME03
Audio Unit
C443
A15 BATTERY
A11 KEY GND
A12 POWER GND
REMOTE CONTROL -
REMOTE CONTROL +
B8
B6
C447
9-MD26 BN-YE WA 0.35
8-MD26 WH-BK WA 0.35
ME14
Audio Remote Control
VOL. DOWN
VOL. UP
SEEK UP
SEEK DOWN
MODE
SW 1
SW 2
SW 3
SW 4
SW 5
SW 6
P2
P1
C437
91-MD5 BK-BU WA 1.5
91-MD15 BK-GN WA 1.5
91-MD15A BK-GN WA 1.5
S165
91-MD15B BK-GN WA 1.5
CLOCK
AM/FM + E3
AM/FM - E4
AUX L C5
AUX R C11
AUX RTN C6
A9 MS CAN +
A10 MS CAN -
CAN

415-01-4 Audio System—Vehicles With: Bluetooth and Voice Control, Vehicles Without: Compact Disc (CD) Changer

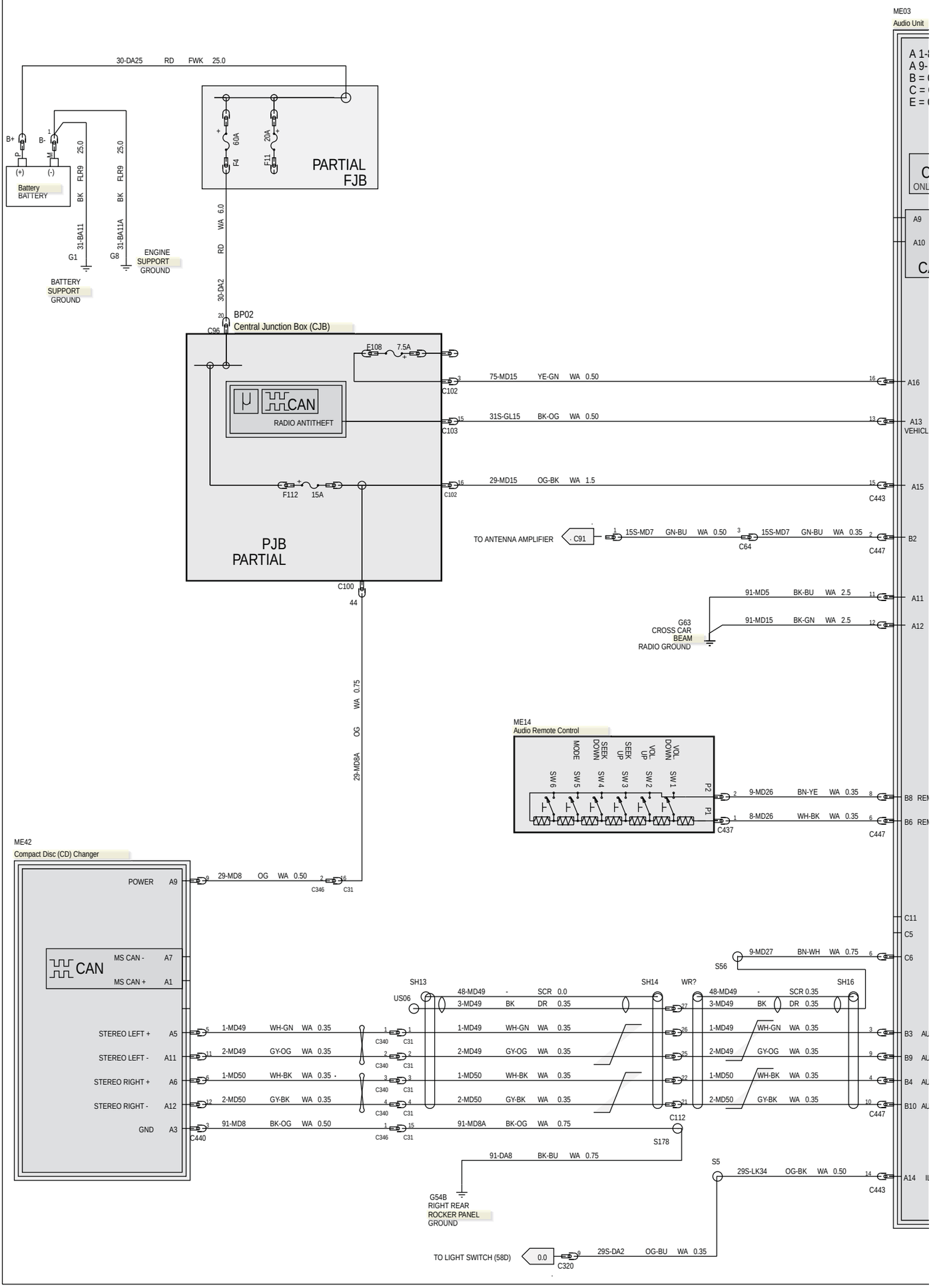


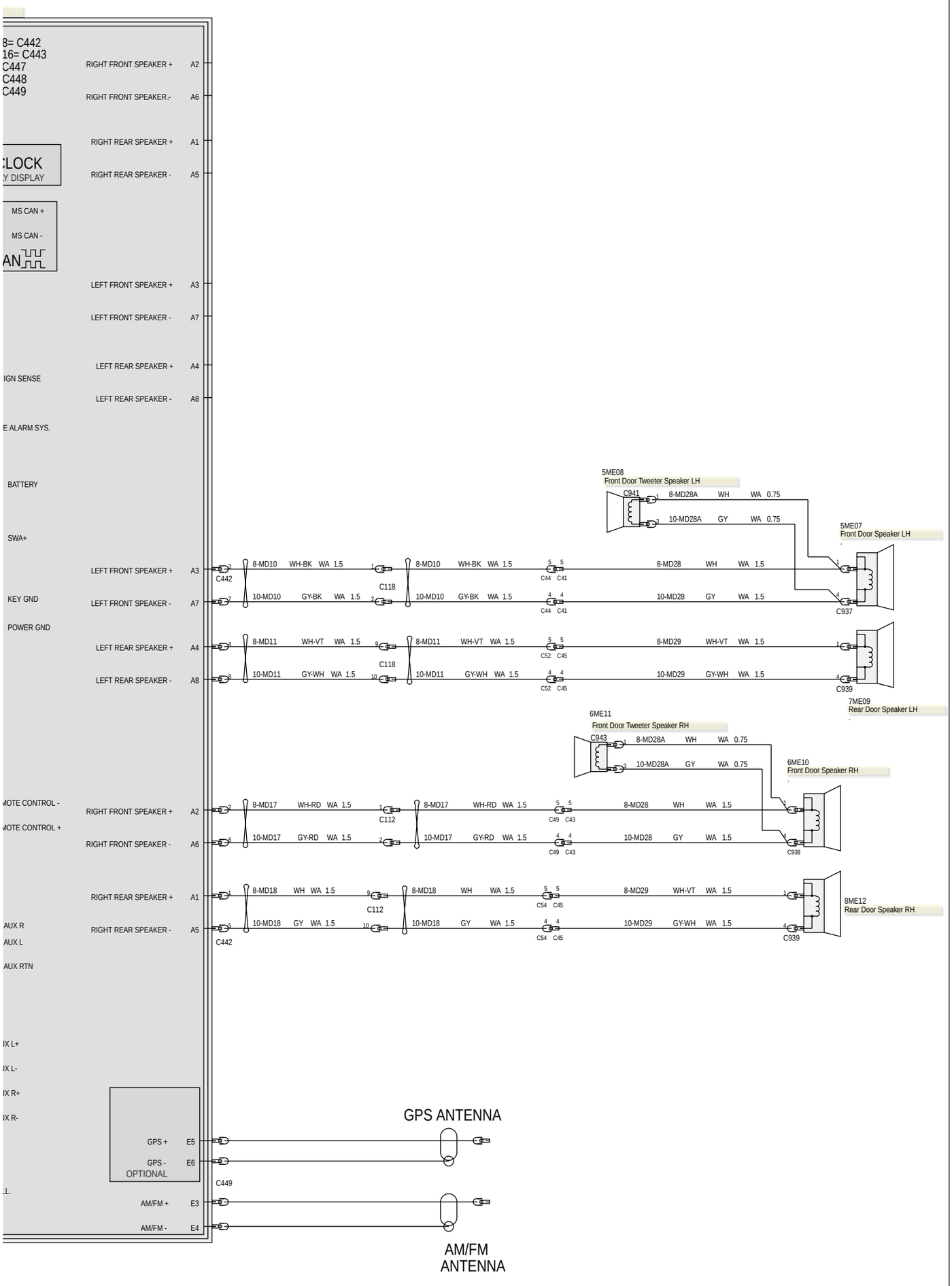
415-01-5 Audio System—Vehicles With: Bluetooth and Voice Control, Vehicles Without: Compact Disc (CD) Changer



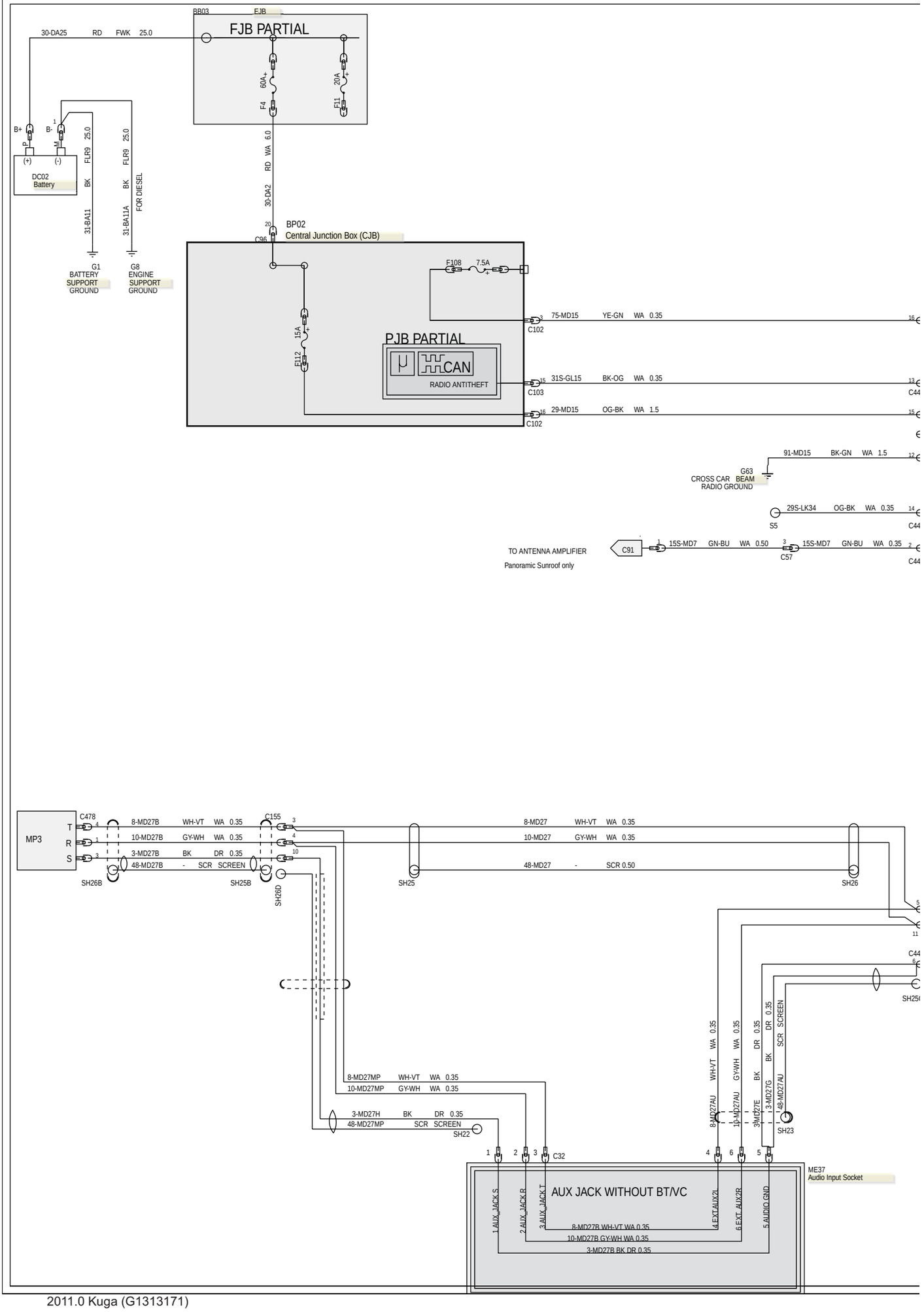
415-01-6 Audio System—LHD 4WD/LHD FWD, Vehicles With: Compact Disc (CD) Changer, Vehicles Without: Bluetooth and Voice Control

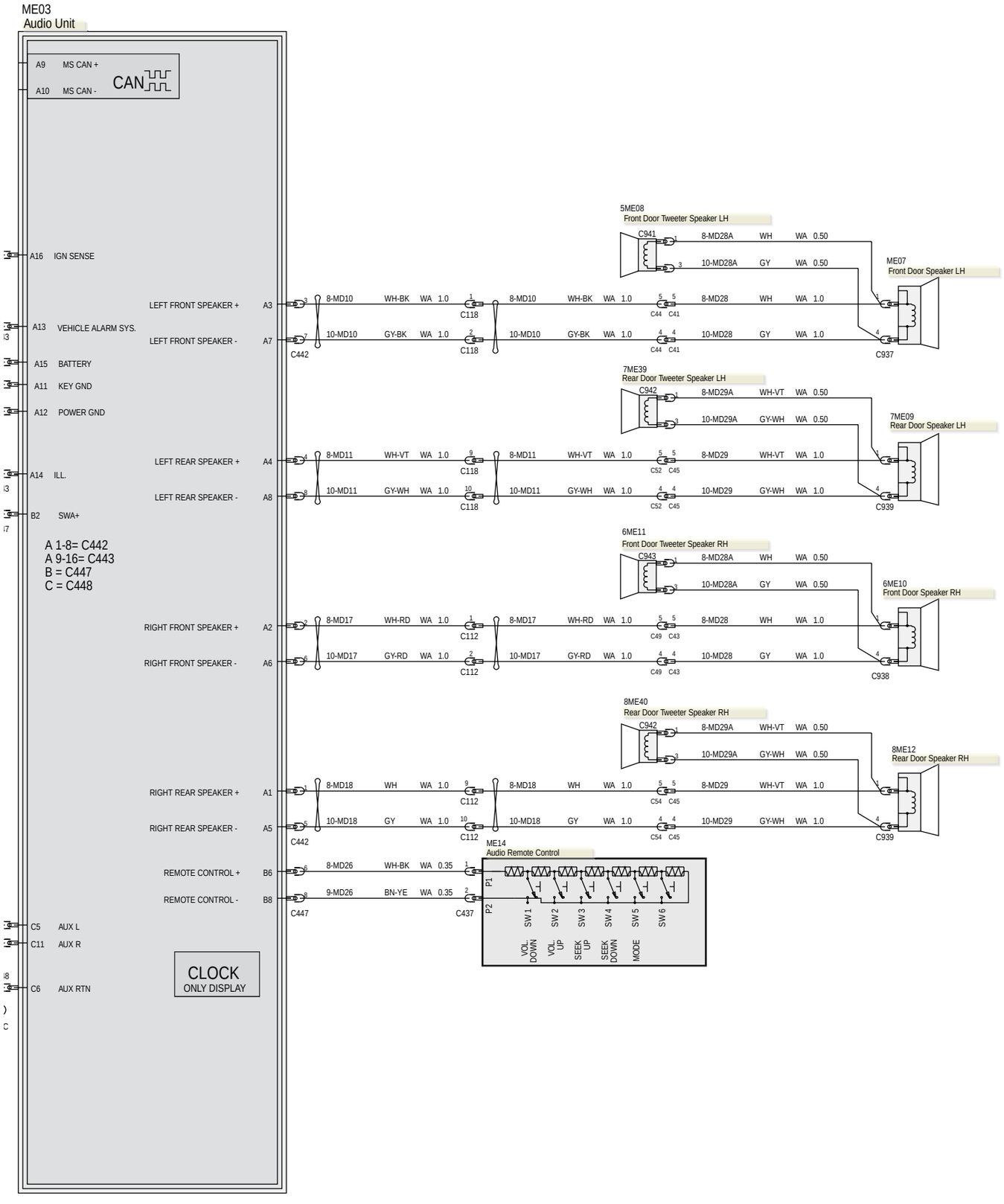


415-01-7 Audio System—LHD 4WD/LHD FWD, Vehicles With: Compact Disc (CD) Changer, Vehicles Without: Bluetooth and Voice Control

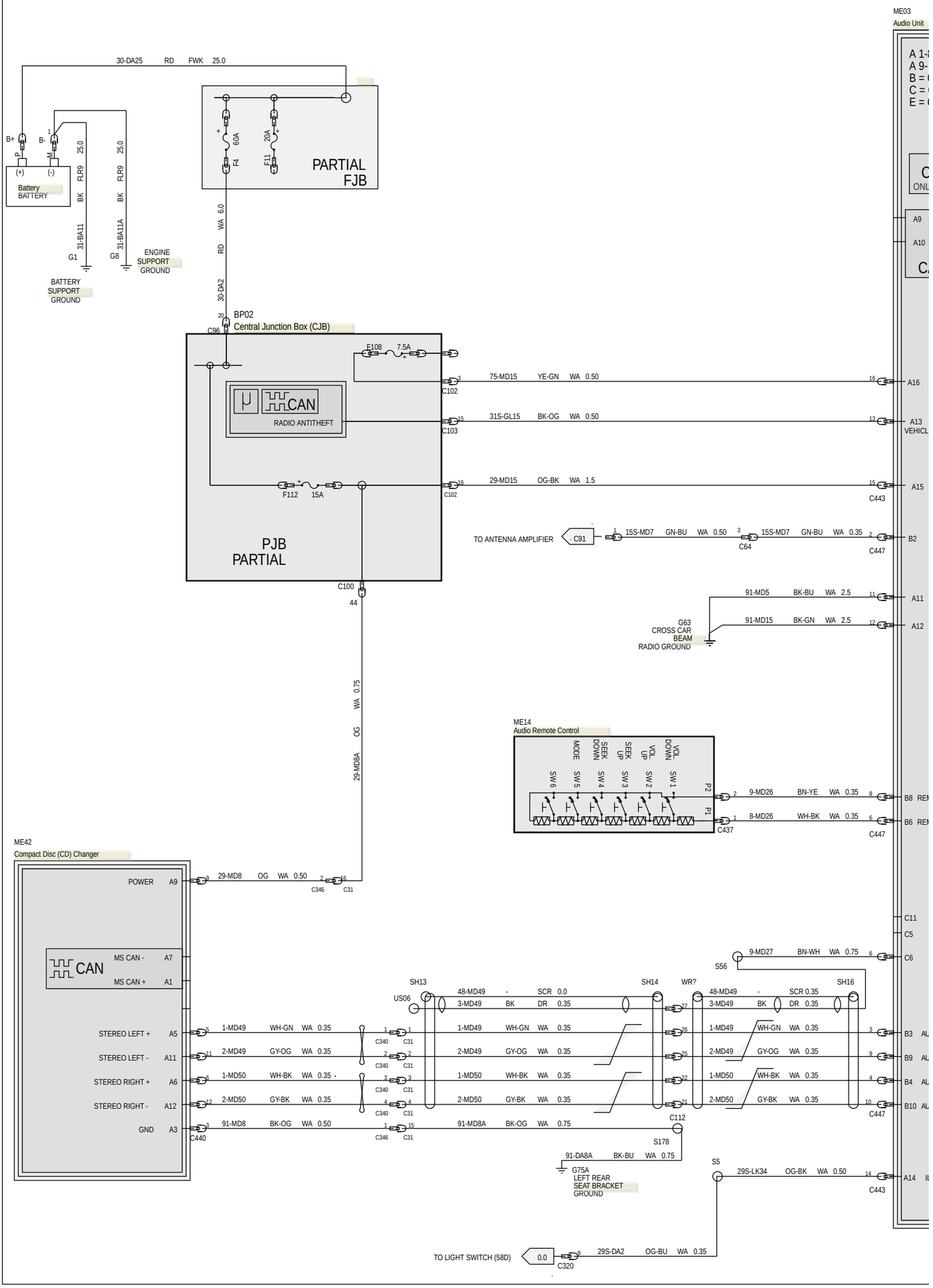


415-01-8 Audio System—Vehicles Without: Compact Disc (CD) Changer/Bluetooth and Voice Control

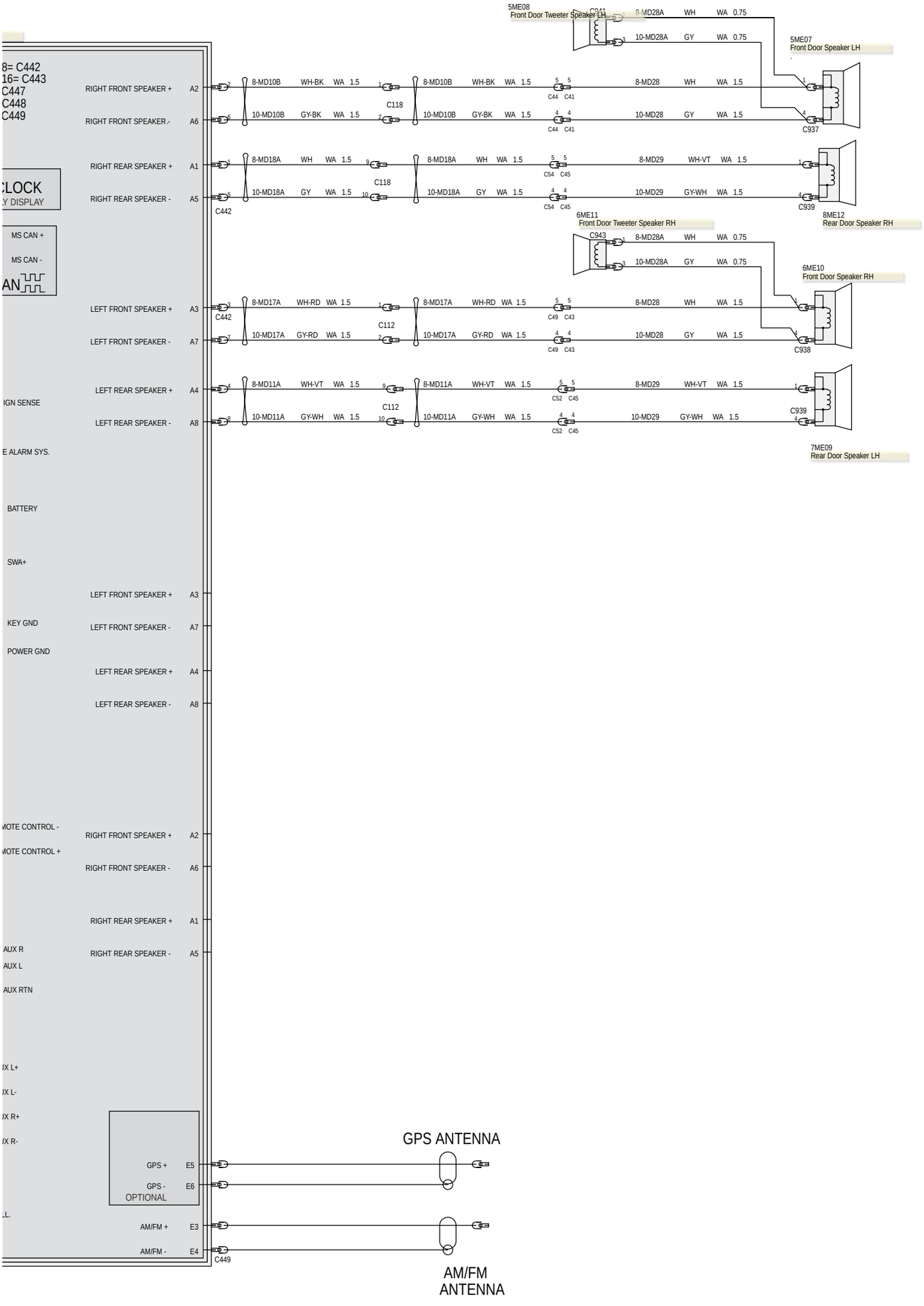



ME03
Audio Unit
A9 MS CAN +
A10 MS CAN -
CAN
A16 IGN SENSE
A13 VEHICLE ALARM SYS.
A15 BATTERY
A11 KEY GND
A12 POWER GND
A14 ILL.
B2 SWA+
A 1-8= C442
A 9-16= C443
B = C447
C = C448
LEFT FRONT SPEAKER + A3
LEFT FRONT SPEAKER - A7
LEFT REAR SPEAKER + A4
LEFT REAR SPEAKER - A8
RIGHT FRONT SPEAKER + A2
RIGHT FRONT SPEAKER - A6
RIGHT REAR SPEAKER + A1
RIGHT REAR SPEAKER - A5
REMOTE CONTROL + B6
REMOTE CONTROL - B8
C5 AUX L
C11 AUX R
C6 AUX RTN
CLOCK
ONLY DISPLAY
5ME08
Front Door Tweeter Speaker LH
C941
8-MD28A WH WA 0.50
10-MD28A GY WA 0.50
ME07
Front Door Speaker LH
C937
8-MD10 WH-BK WA 1.0
10-MD10 GY-BK WA 1.0
C442
C118
8-MD28 WH WA 1.0
10-MD28 GY WA 1.0
C44 C41
7ME39
Rear Door Tweeter Speaker LH
C942
8-MD29A WH-VT WA 0.50
10-MD29A GY-WH WA 0.50
7ME09
Rear Door Speaker LH
C939
8-MD11 WH-VT WA 1.0
10-MD11 GY-WH WA 1.0
8-MD29 WH-VT WA 1.0
10-MD29 GY-WH WA 1.0
C52 C45
6ME11
Front Door Tweeter Speaker RH
C943
6ME10
Front Door Speaker RH
C938
8-MD17 WH-RD WA 1.0
10-MD17 GY-RD WA 1.0
C112
C49 C43
8ME40
Rear Door Tweeter Speaker RH
8ME12
Rear Door Speaker RH
8-MD18 WH WA 1.0
10-MD18 GY WA 1.0
C54 C45
8-MD26 WH-BK WA 0.35
9-MD26 BN-YE WA 0.35
C437
ME14
Audio Remote Control
P1
P2
SW 1
SW 2
SW 3
SW 4
SW 5
SW 6
VOL. DOWN
VOL. UP
SEEK UP
SEEK DOWN
MODE

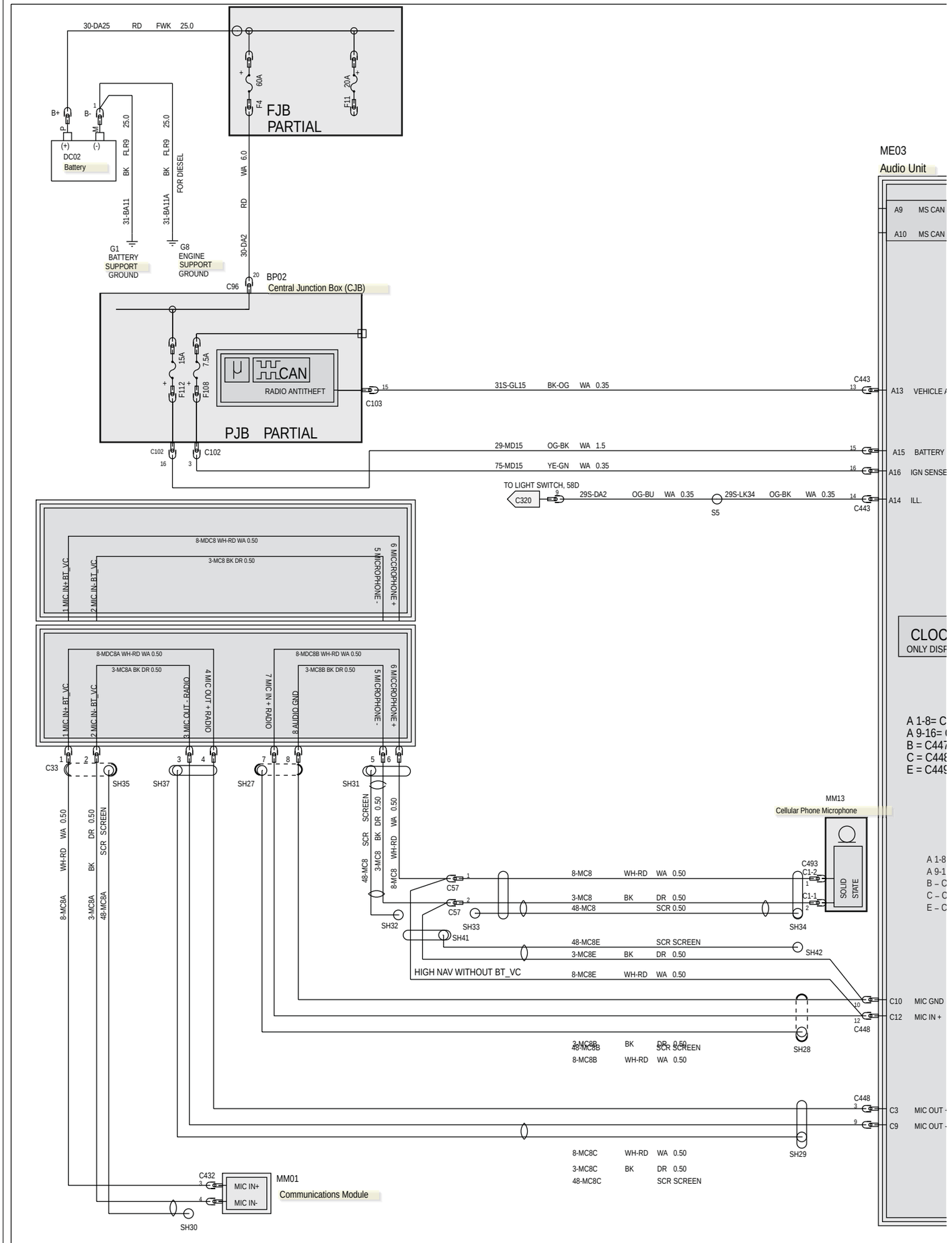
415-01-10 Audio System—RHD 4WD/RHD FWD, Vehicles With: Compact Disc (CD) Changer, Vehicles Without: Bluetooth and Voice Control

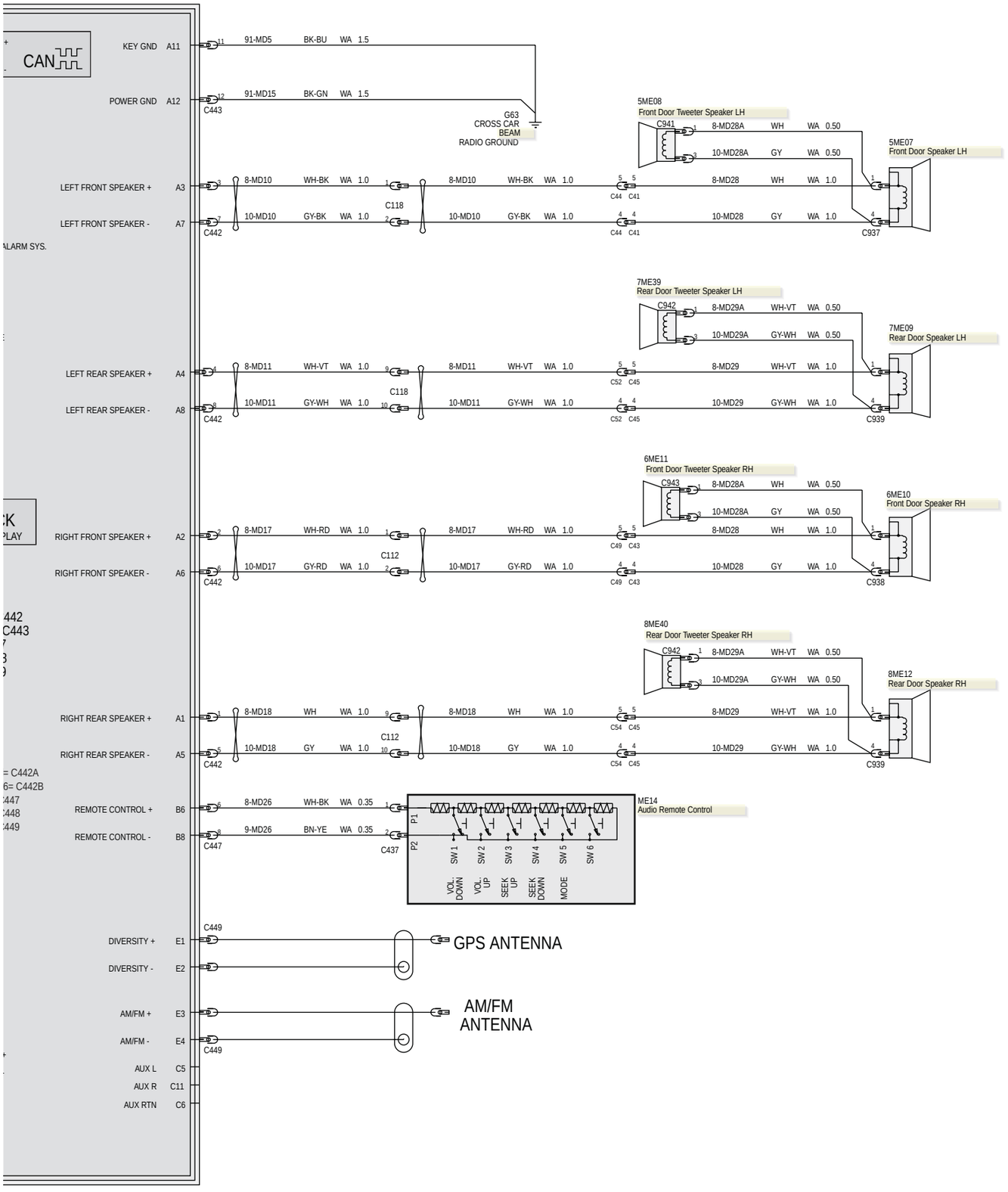


415-01-11 Audio System—RHD 4WD/RHD FWD, Vehicles With: Compact Disc (CD) Changer, Vehicles Without: Bluetooth and Voice Control

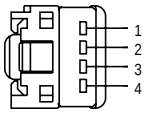


415-01-12 Navigation System




CAN
KEY GND A11
POWER GND A12
LEFT FRONT SPEAKER + A3
LEFT FRONT SPEAKER - A7
LEFT REAR SPEAKER + A4
LEFT REAR SPEAKER - A8
RIGHT FRONT SPEAKER + A2
RIGHT FRONT SPEAKER - A6
RIGHT REAR SPEAKER + A1
RIGHT REAR SPEAKER - A5
REMOTE CONTROL + B6
REMOTE CONTROL - B8
DIVERSITY + E1
DIVERSITY - E2
AM/FM + E3
AM/FM - E4
AUX L C5
AUX R C11
AUX RTN C6
91-MD5 BK-BU WA 1.5
91-MD15 BK-GN WA 1.5
G63
CROSS CAR BEAM
RADIO GROUND
C443
C442
C118
C112
C449
C447
C437
C44 C41
C52 C45
C49 C43
C54 C45
5ME08
Front Door Tweeter Speaker LH
C941
5ME07
Front Door Speaker LH
C937
7ME39
Rear Door Tweeter Speaker LH
C942
7ME09
Rear Door Speaker LH
C939
6ME11
Front Door Tweeter Speaker RH
C943
6ME10
Front Door Speaker RH
C938
8ME40
Rear Door Tweeter Speaker RH
8ME12
Rear Door Speaker RH
ME14
Audio Remote Control
P1
P2
SW 1 VOL. DOWN
SW 2 VOL. UP
SW 3 SEEK UP
SW 4 SEEK DOWN
SW 5 MODE
SW 6
GPS ANTENNA
AM/FM ANTENNA

## Audio Input Socket (G1239859)




1 10-MD27B GY-WH WA 0.35
3 3-MD27B BK DR 0.35
4 8-MD27B WH-VT WA 0.35

1L2T-14489-GB

C478

TO MP3 HIGH CENTER CONSOLE

HARNESS 15K857

## Audio Remote Control (G1234604)




1 8-MD26 WH-BK WA 0.35
2 9-MD26 BN-YE WA 0.35

2L2T-14A464-BA

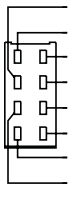
C437

TO RADIO REMOTE CONTROL SWITCH 1

HARNESS 14401

## Audio Unit (G1239860)

PIN 7 => 10-MD17A GY-RD 1.5 WA
PIN 3 => 8-MD17A WH-RD 1.5 WA
PIN 6 => 10-MD10B GY-BK 1.5 WA
PIN 2 => 8-MD10B WH-BK 1.5 WA
PIN 3 => 8-MD10A WH-BK 1.5 WA
PIN 7 => 10-MD10A GY-BK 1.5 WA
PIN 5 => 10-MD18A GY 1.5 WA
PIN 1 => 8-MD18A WH 1.5 WA
PIN 8 => 10-MD11A GY-WH 1.5 WA
PIN 4 => 8-MD11A WH-VT 1.5 WA




6 10-MD17 GY-RD WA 1.5
5 10-MD18 GY WA 1.5
1 8-MD18 WH WA 1.5
2 8-MD17 WH-RD WA 1.5
3 8-MD10 WH-BK WA 1.5
4 8-MD11 WH-VT WA 1.5
8 10-MD11 GY-WH WA 1.5
7 10-MD10 GY-BK WA 1.5

3S7T-14489-DA

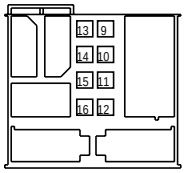
C442

TO TO RADIO 2B

HARNESS 14401

## Audio Unit (G1234606)

PIN 12 => 91-MD15 BK-GN 1.5 WA
PIN 10 => 5-EC10Y BU 0.35 WA
PIN 9 => 4-EC10Y GY 0.35 WA
PIN 10 => 5-EC10C BU 0.35 WA + 5-EC10A BU 0.35 WA
PIN 9 => 4-EC10C GY 0.35 WA + 4-EC10A GY 0.35 WA



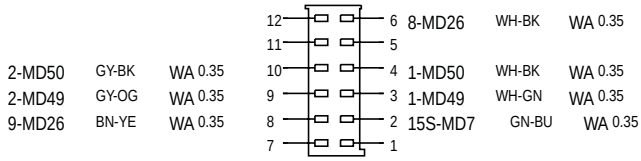

9 4-EC10Z GY WA 0.35
10 5-EC10Z BU WA 0.35
11 91-MD5 BK-BU WA 1.5
12 91-MD15A BK-GN WA 1.5 + 91-MD15 BK-GN WA 1.5
13 31S-GL15 BK-OG WA 0.35
14 29S-LK34 OG-BK WA 0.35
15 29-MD15 OG-BK WA 1.5
16 75-MD15 YE-GN WA 0.35

3M5T-14A541-BB

C443
TO RADIO 2A (SPEAKER)

HARNESS 14401

## Audio Unit (G1234605)



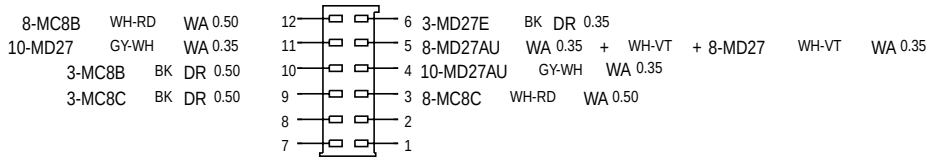

3S7T-14489-EB

C447
TO RADIO 3

HARNESS 14401

## Audio Unit (G1240705)

PIN 6 => 9-MD27 BN-WH 0.75 WA + 3-MD27G BK 0.35 DR
PIN 6 => 3-MD27A BK 0.35 DR
PIN 6 => 9-MD27 BN-WH 0.75 WA




3S7T-14489-FB

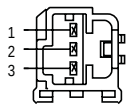
C448
TO RADIO 4 (MICRO/EXTERNAL AUXILIARY/NAVIGATION)

HARNESS 14401

## Audio Unit (G1234607)

IMAGE NOT AVAILABLE

## Audio Unit Antenna Amplifier (G1234608)

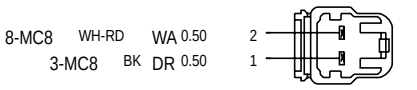



5W1T-14A624-AA

C91
TO ANTENNA AMPLIFIER

HARNESS 14335

## Cellular Phone Microphone (G1239861)




96BG-14A459-AA

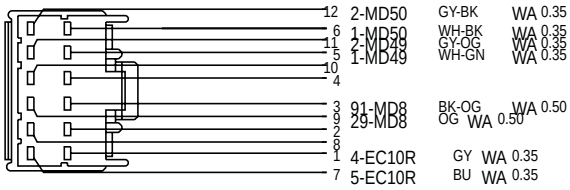
C493
TO MICROPHONE UNIT

HARNESS 14335

## Communications Module (G1234609)

IMAGE NOT AVAILABLE

## Compact Disc (CD) Changer (G1234610)



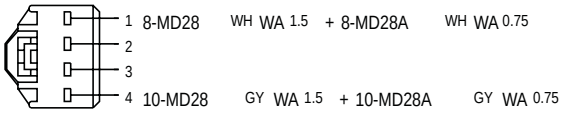

F5OB-14489-GA

C440
TO CD CHANGER

HARNESS 14B723

## Front Door Speaker LH (G1234611)

PIN 1 => 8-MD28A WH 0.75 WA + 8-MD28 WH 1.5 WA
PIN 4 => 10-MD28A GY 0.75 WA + 10-MD28 GY 1.5 WA



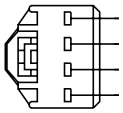

3M5T-14489-RDA

C937
TO DRIVER SPEAKER (WOOFER)

HARNESS 14A584

## Front Door Speaker RH (G1234612)

PIN 4 => 10-MD28A GY 0.75 WA + 10-MD28 GY 1.5 WA
PIN 1 => 8-MD28A WH 0.75 WA + 8-MD28 WH 1.5 WA



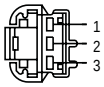

1 8-MD28 WH WA 1.5 + 8-MD28A WH WA 0.75
4 10-MD28 GY WA 1.5 + 10-MD28A GY WA 0.75

3M5T-14489-RDA

C938
TO PASSENGER SPEAKER (WOOFER)

HARNESS 14K138

## Front Door Tweeter Speaker LH (G1234613)



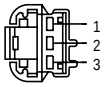

1 8-MD28A WH WA 0.75
3 10-MD28A GY WA 0.75

2L2T-14A464-BA

C941
TO DRIVER SUB SPEAKER (TWEETER)

HARNESS 14A584

## Front Door Tweeter Speaker RH (G1234614)




1 8-MD28A WH WA 0.75
3 10-MD28A GY WA 0.75

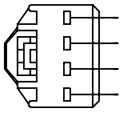
2L2T-14A464-BA

C943
TO PASSENGER SUB SPEAKER (TWEETER)

HARNESS 14K138

## Rear Door Speaker (G1236321)

PIN 4 => 10-MD29A GY-WH 0.75 WA + 10-MD29 GY-WH 1.5 WA
PIN 1 => 8-MD29A WH-VT 0.75 WA + 8-MD29 WH-VT 1.5 WA




1 8-MD29 WH-VT WA 1.5 + 8-MD29A WH-VT WA 0.75
4 10-MD29 GY-WH WA 1.5 + 10-MD29A GY-WH WA 0.75

3M5T-14489-RDA

C939
TO REAR SPEAKER (WOOFER)

HARNESS 14240

## Rear Door Tweeter Speaker (G1236322)



| | | | | |
|---|---|---|---|---|
| 1 | 8-MD29A | WH-VT | WA | 0.75 |
| 2 | | | | |
| 3 | 10-MD29A | GY-WH | WA | 0.75 |

2L2T-14A464-BA

C942

TO REAR SUB SPEAKER (TWEETER)

HARNESS 14240

## Navigation System Module (G1249557)



| | | | | |
|---|---|---|---|---|
| 2A | 9-XL1 | BN | WA | 0.50 |
| 2B | 7-XL1 | YE | WA | 0.50 |

SHIELD

7H2T-1448[illegible]-ACA

C2ME04

TO RADIO NAV.UNIT

HARNESS 14D466-EA

# SECTION 417-01 Exterior Lighting

## VEHICLE APPLICATION: 2011.0 Kuga

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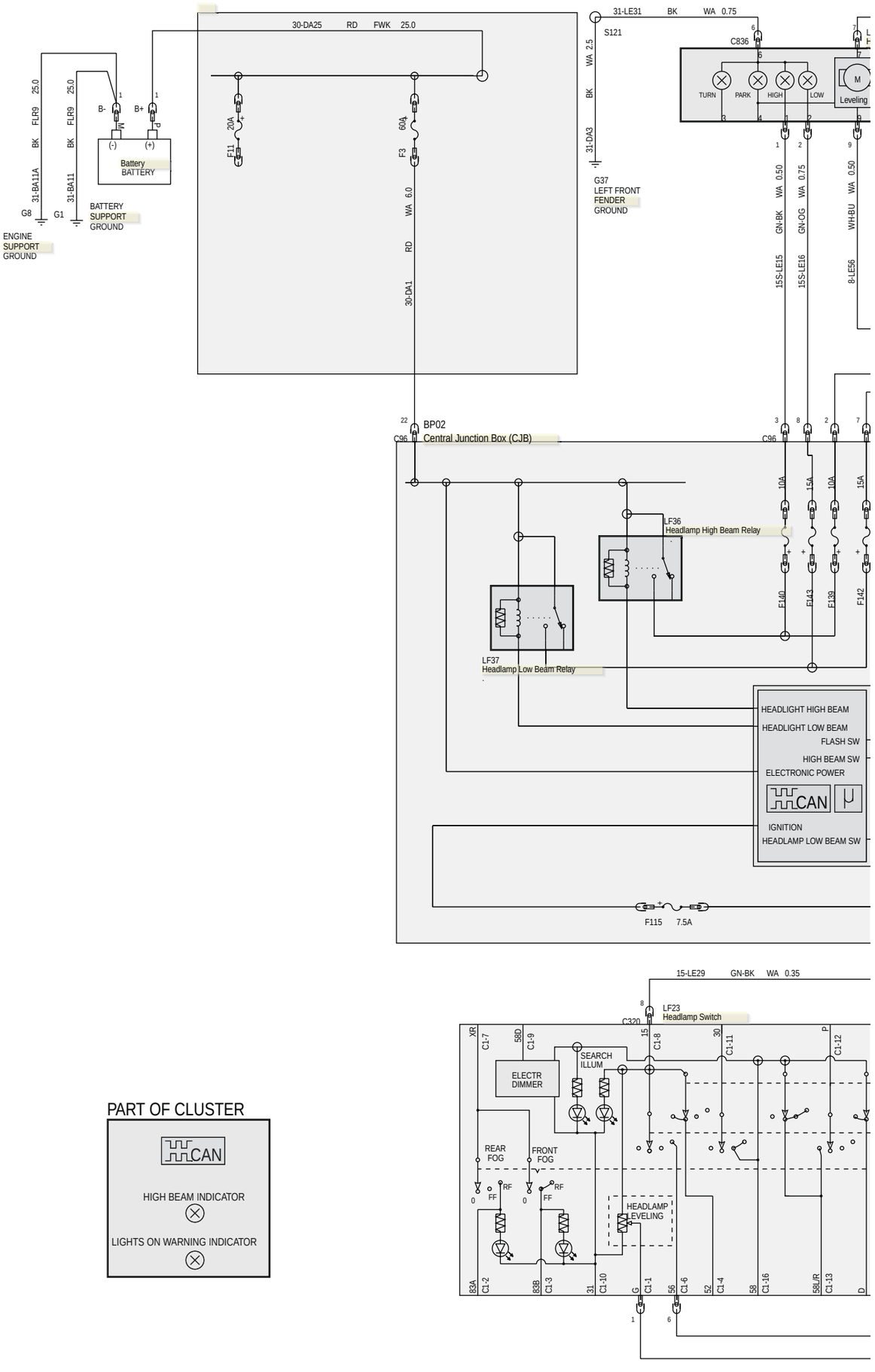
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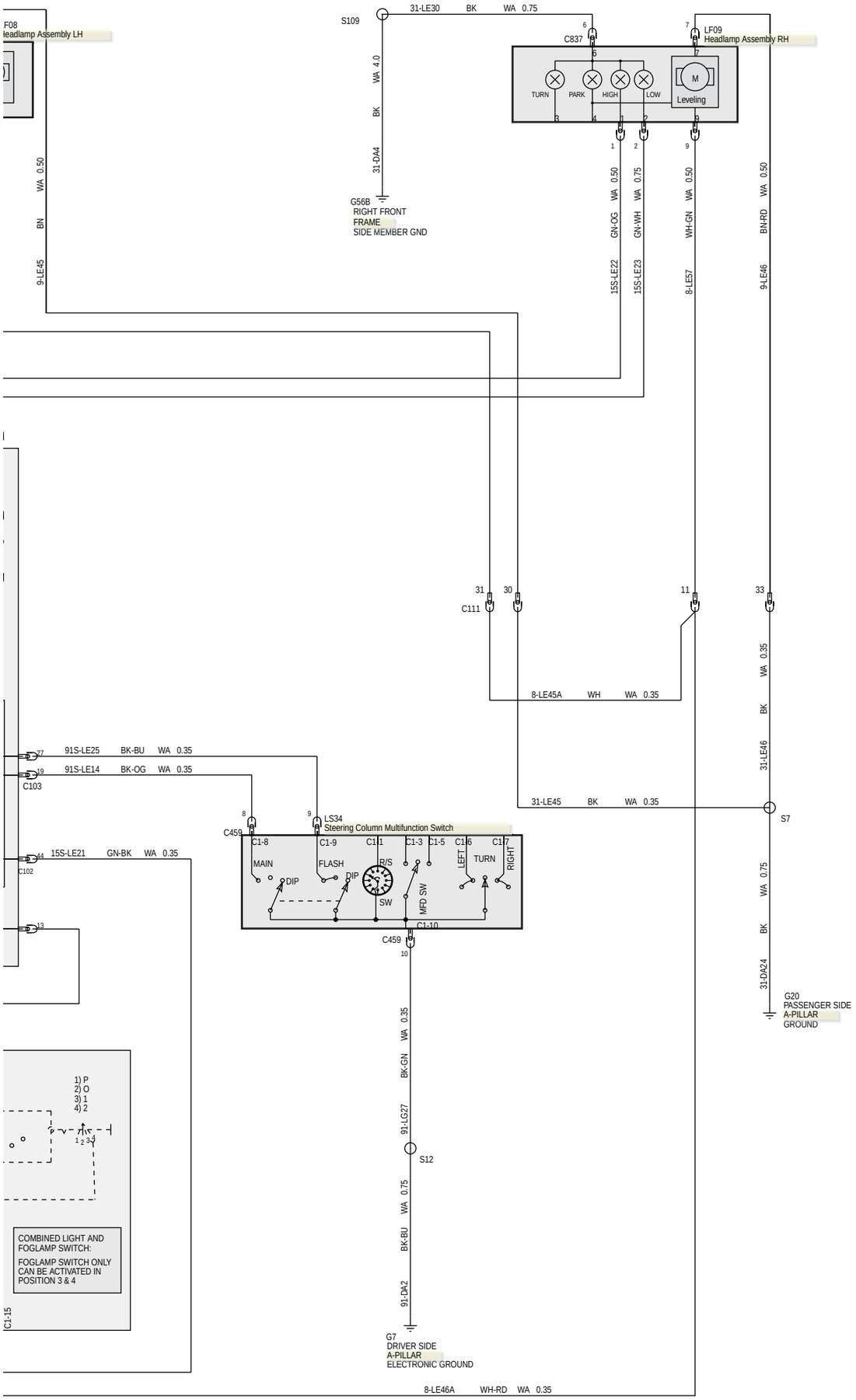
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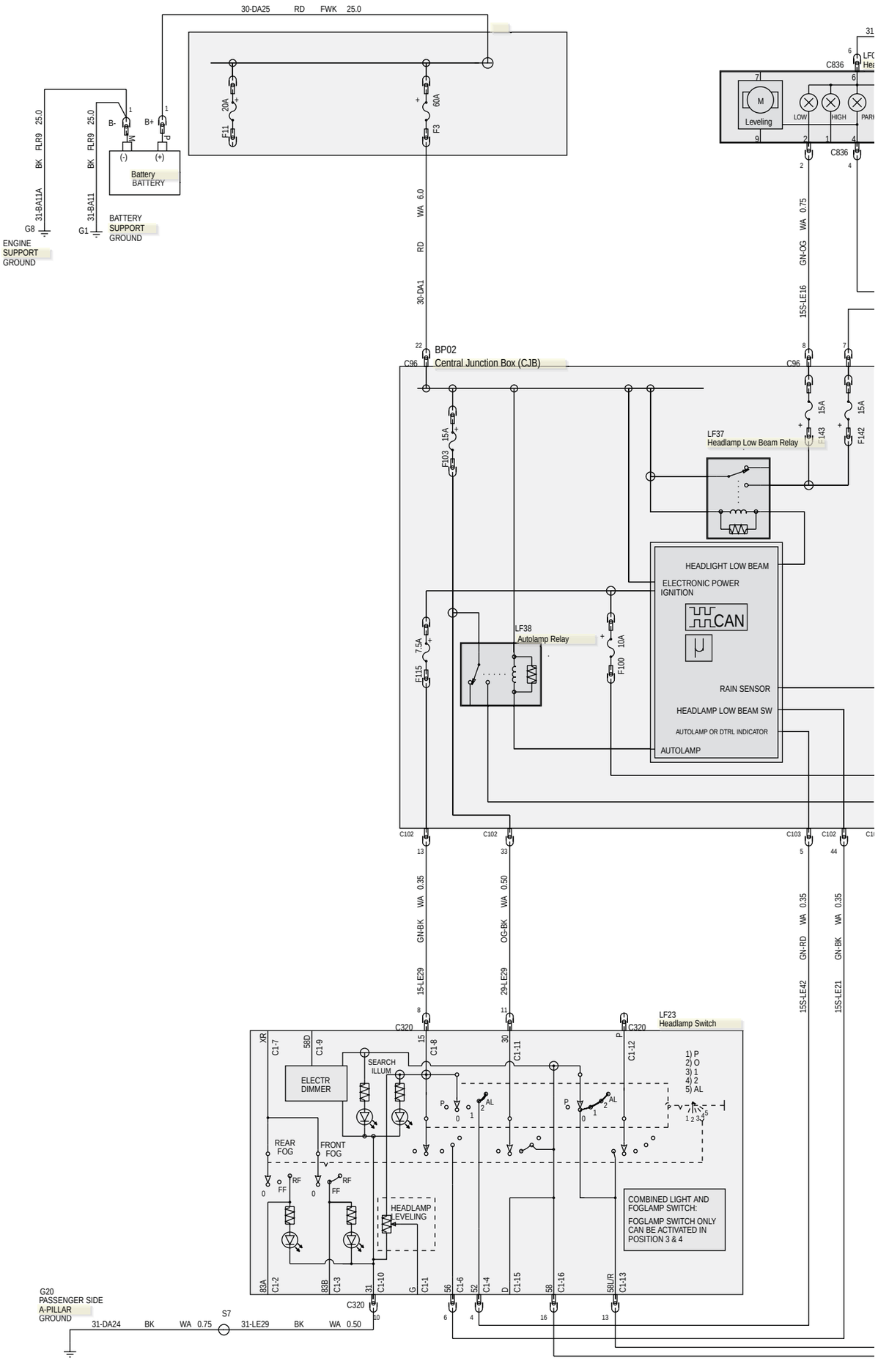
417-01-3 Exterior Lighting—Vehicles Without: Adaptive Front Lighting/High Intensity Discharge Headlamps



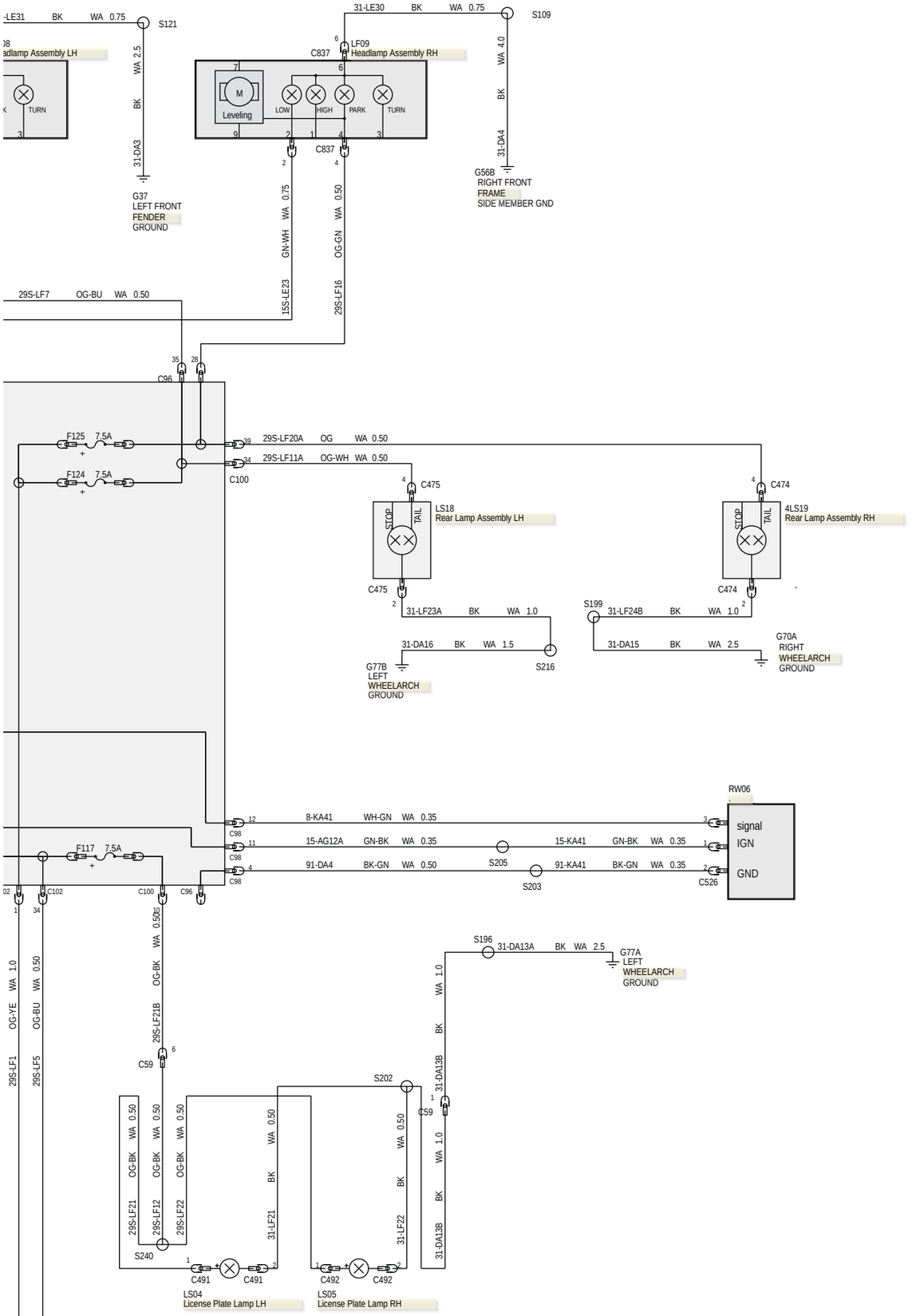
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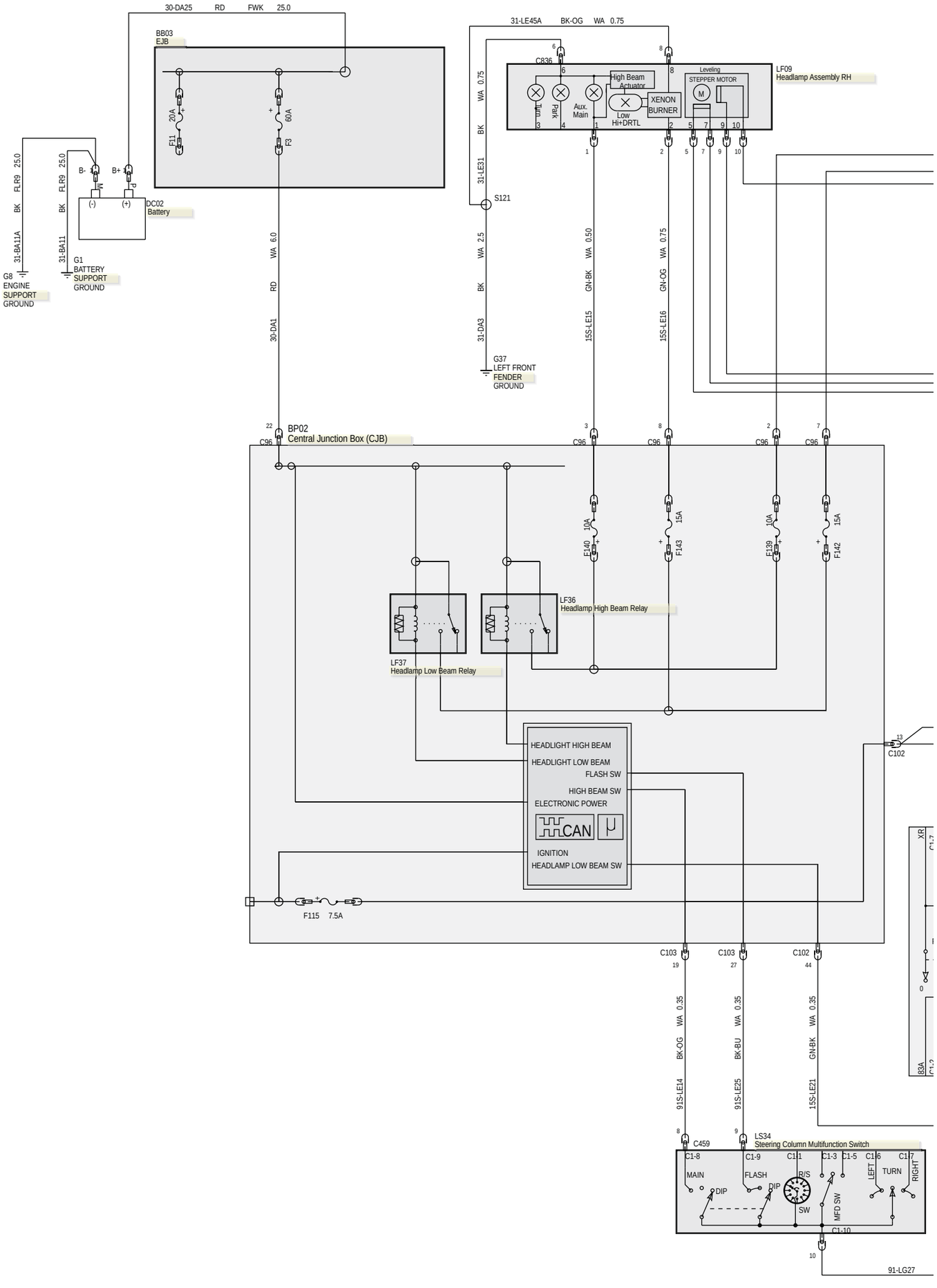
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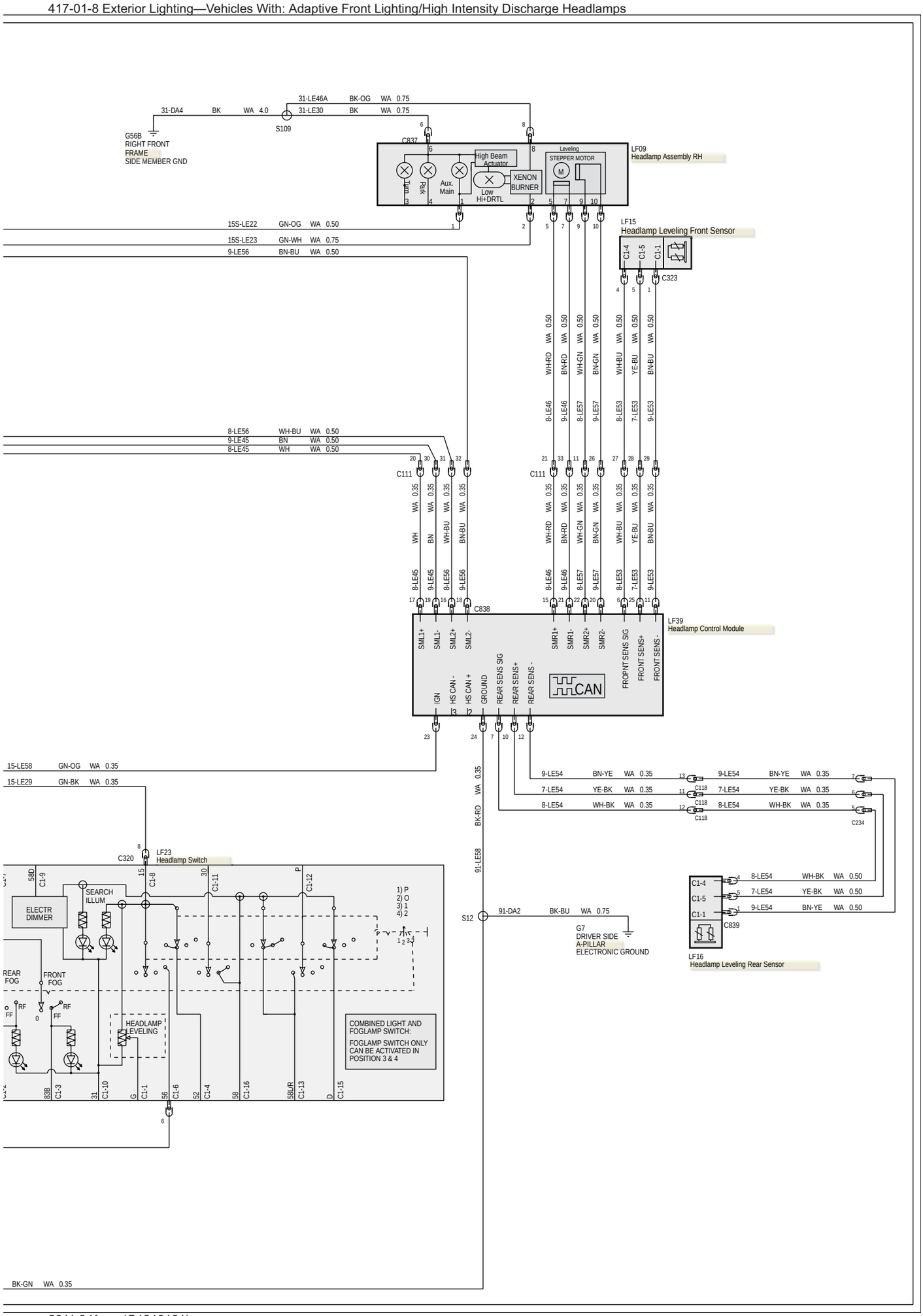
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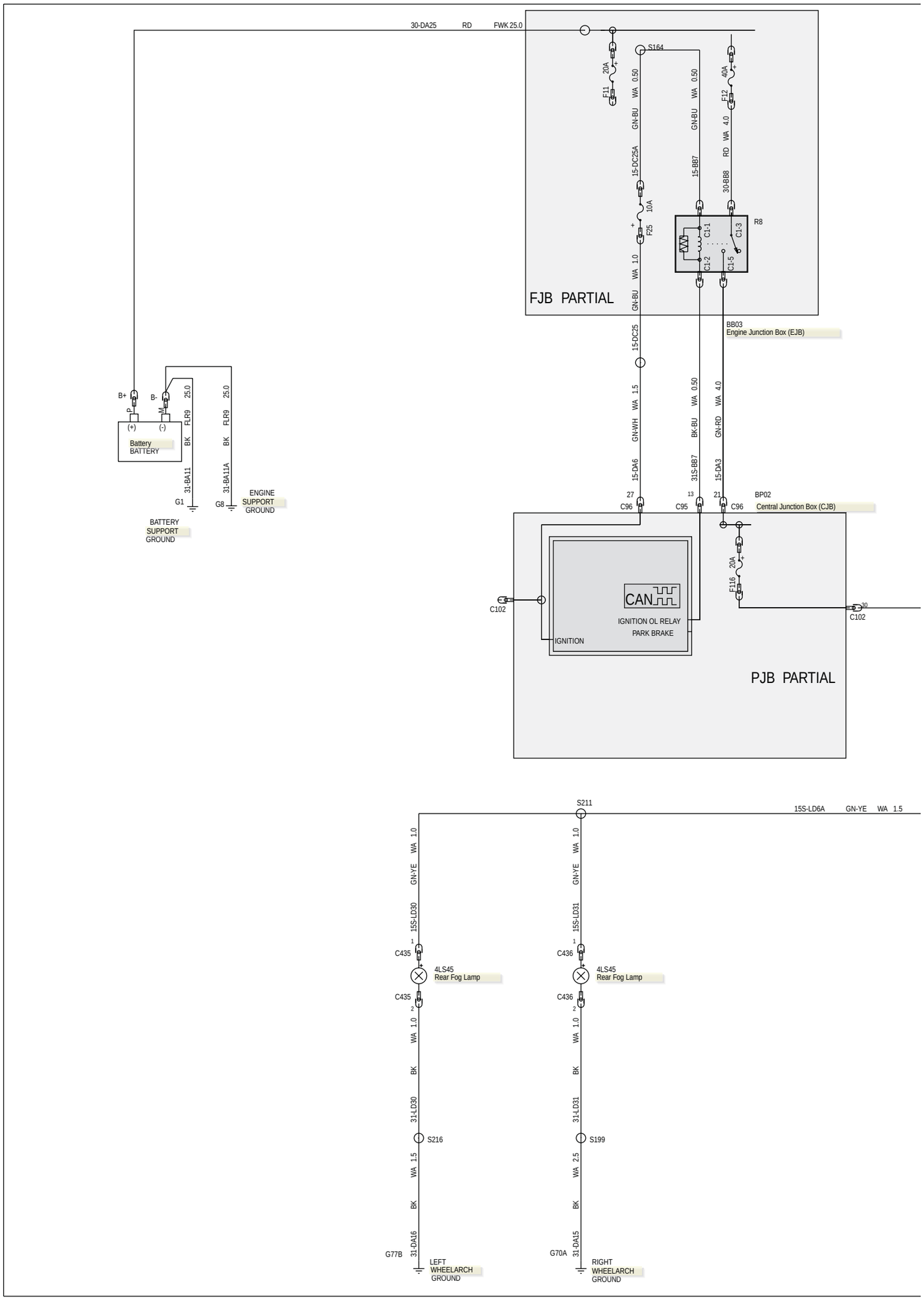
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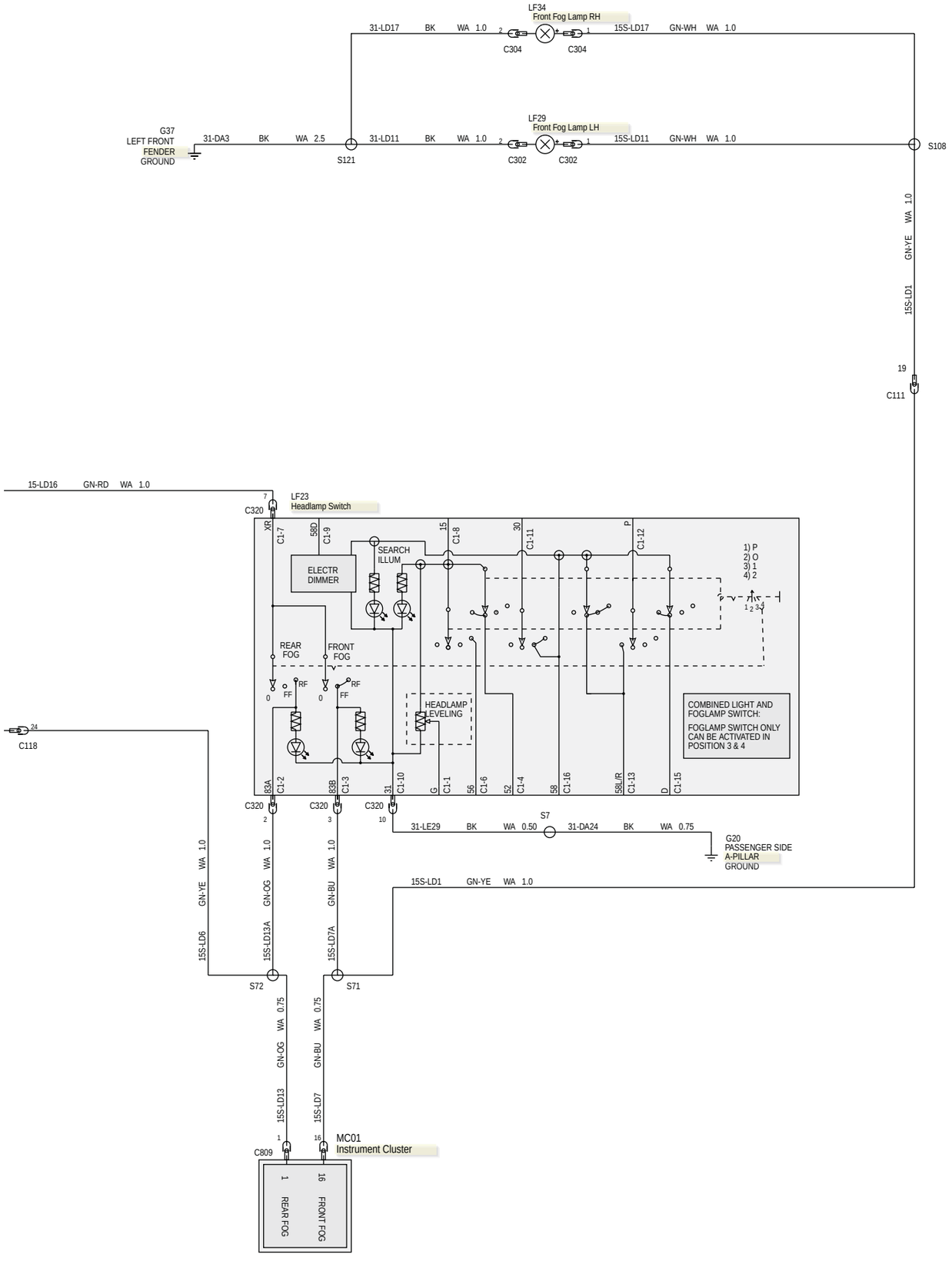
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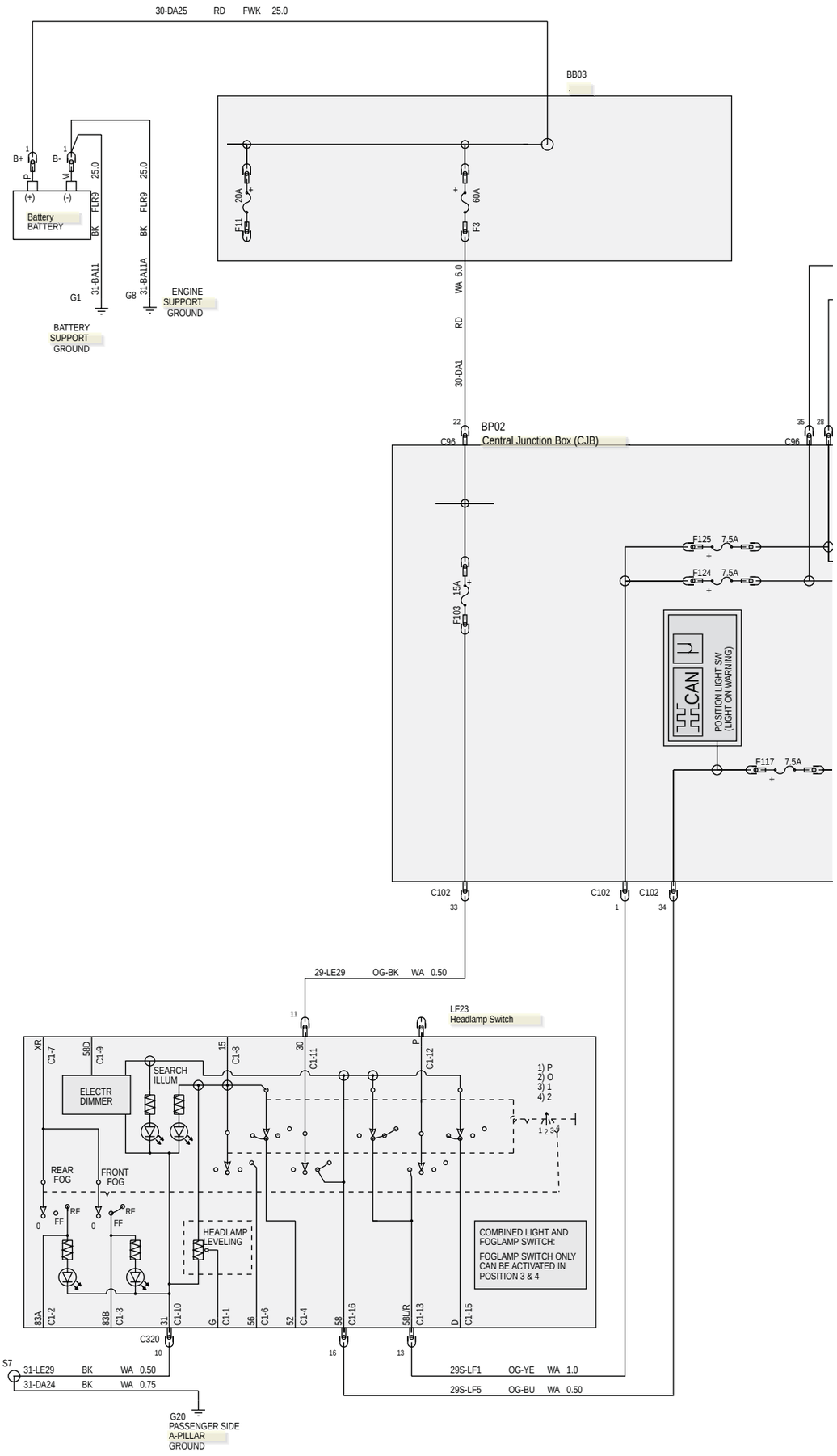
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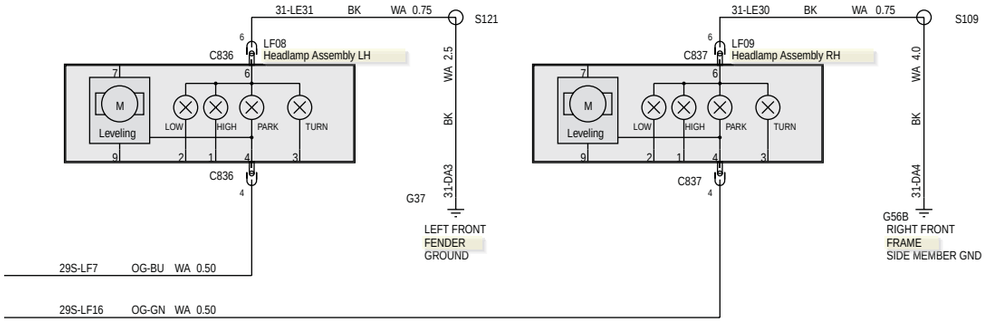
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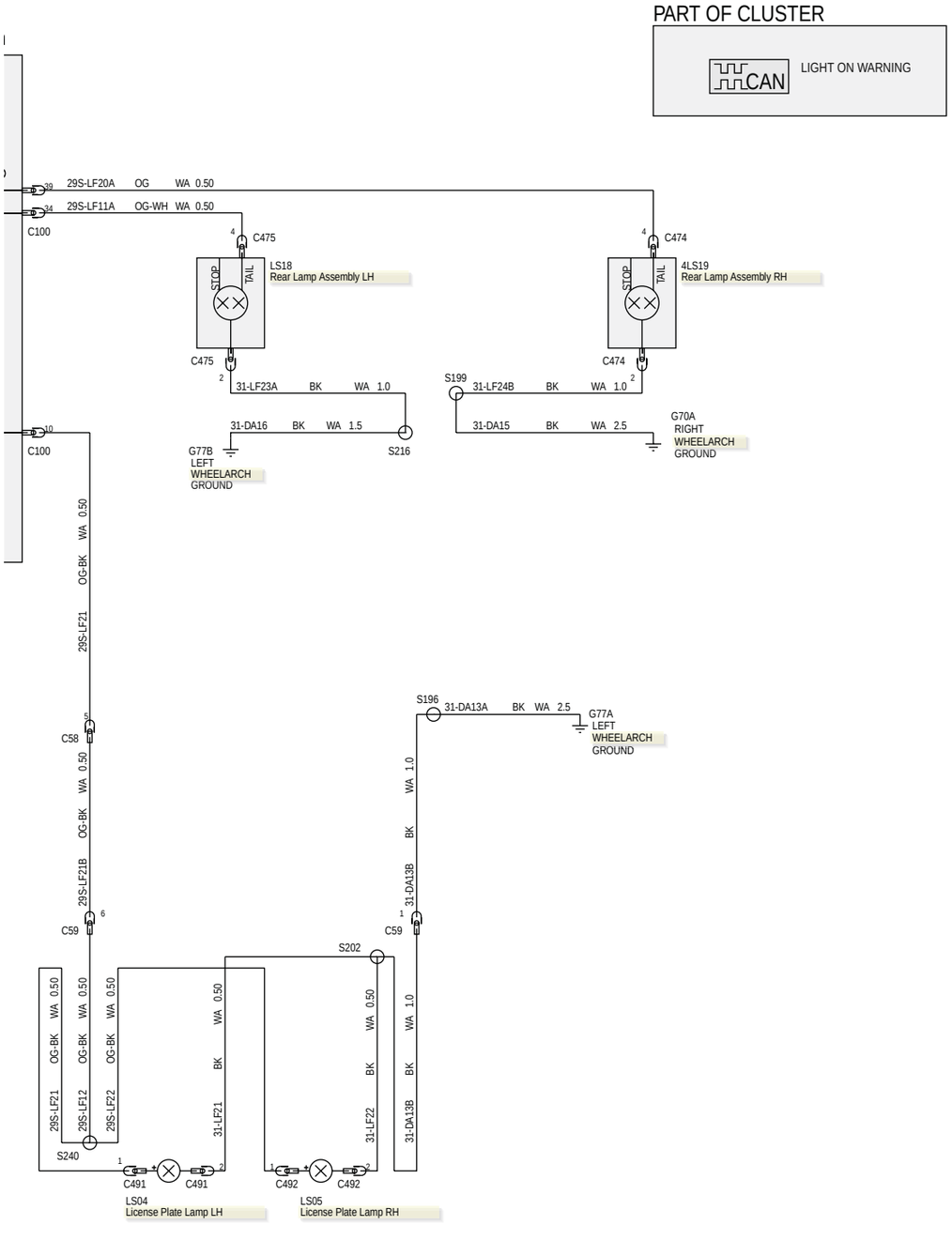


417-01-11 Parking Lamps

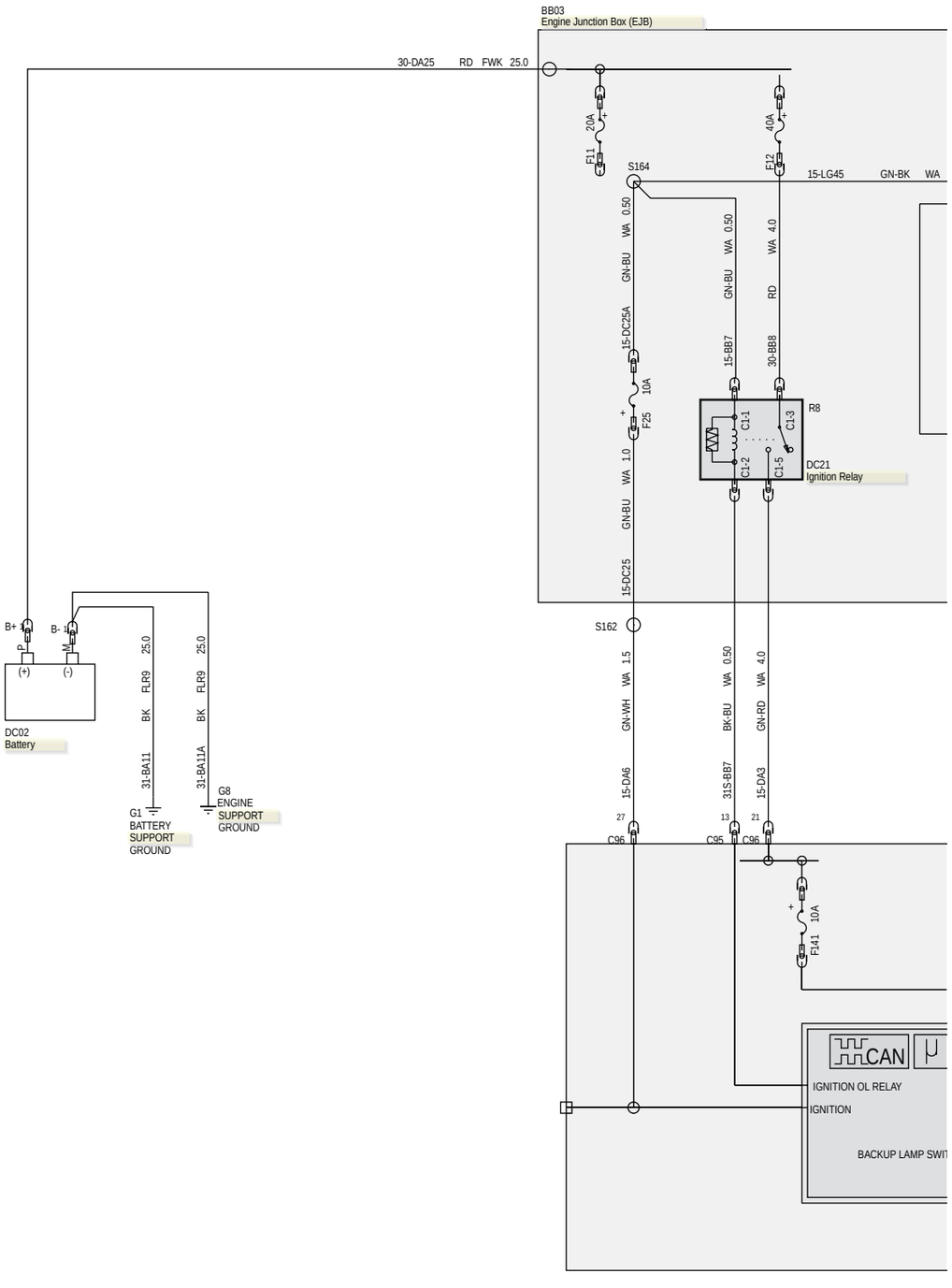


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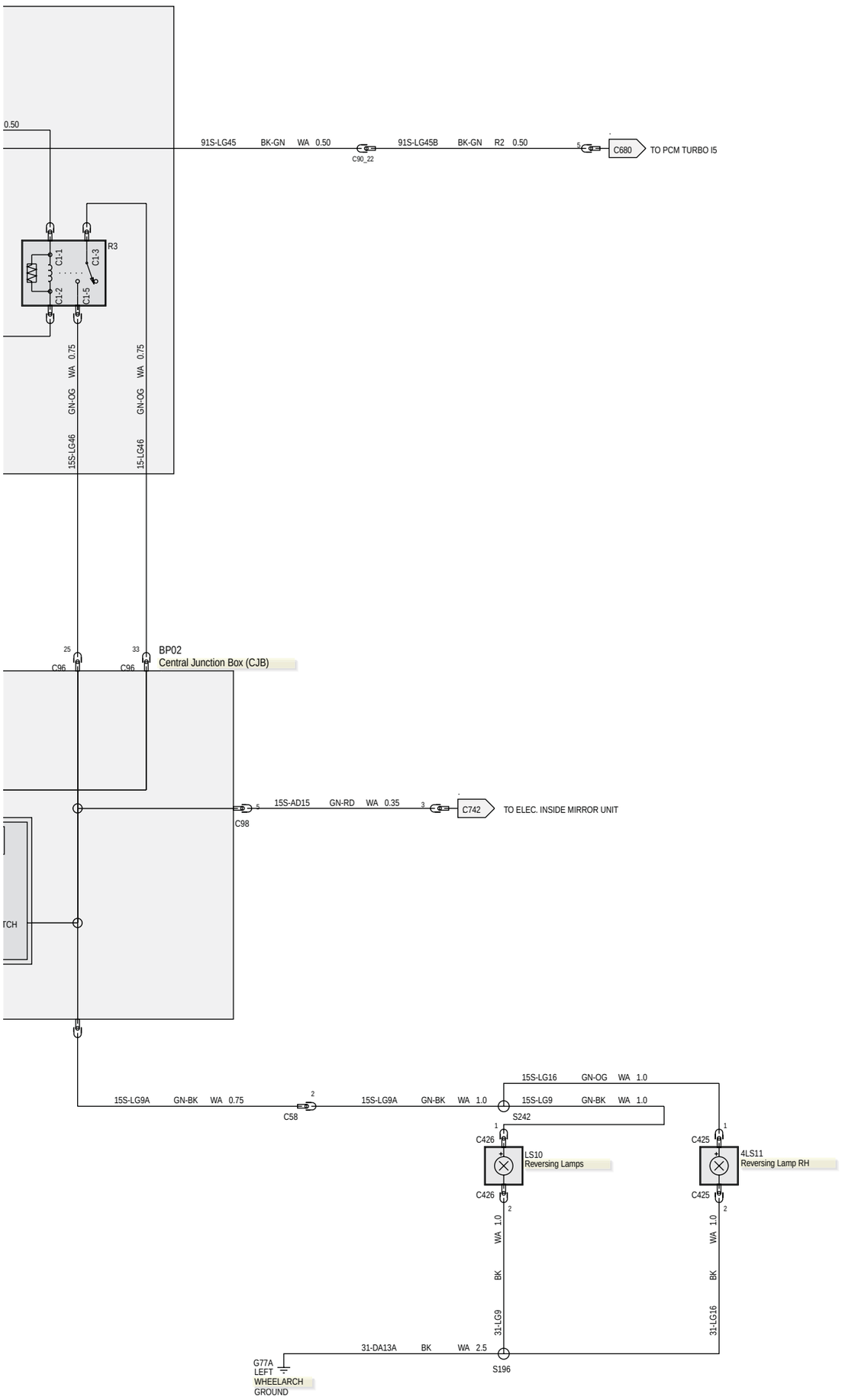


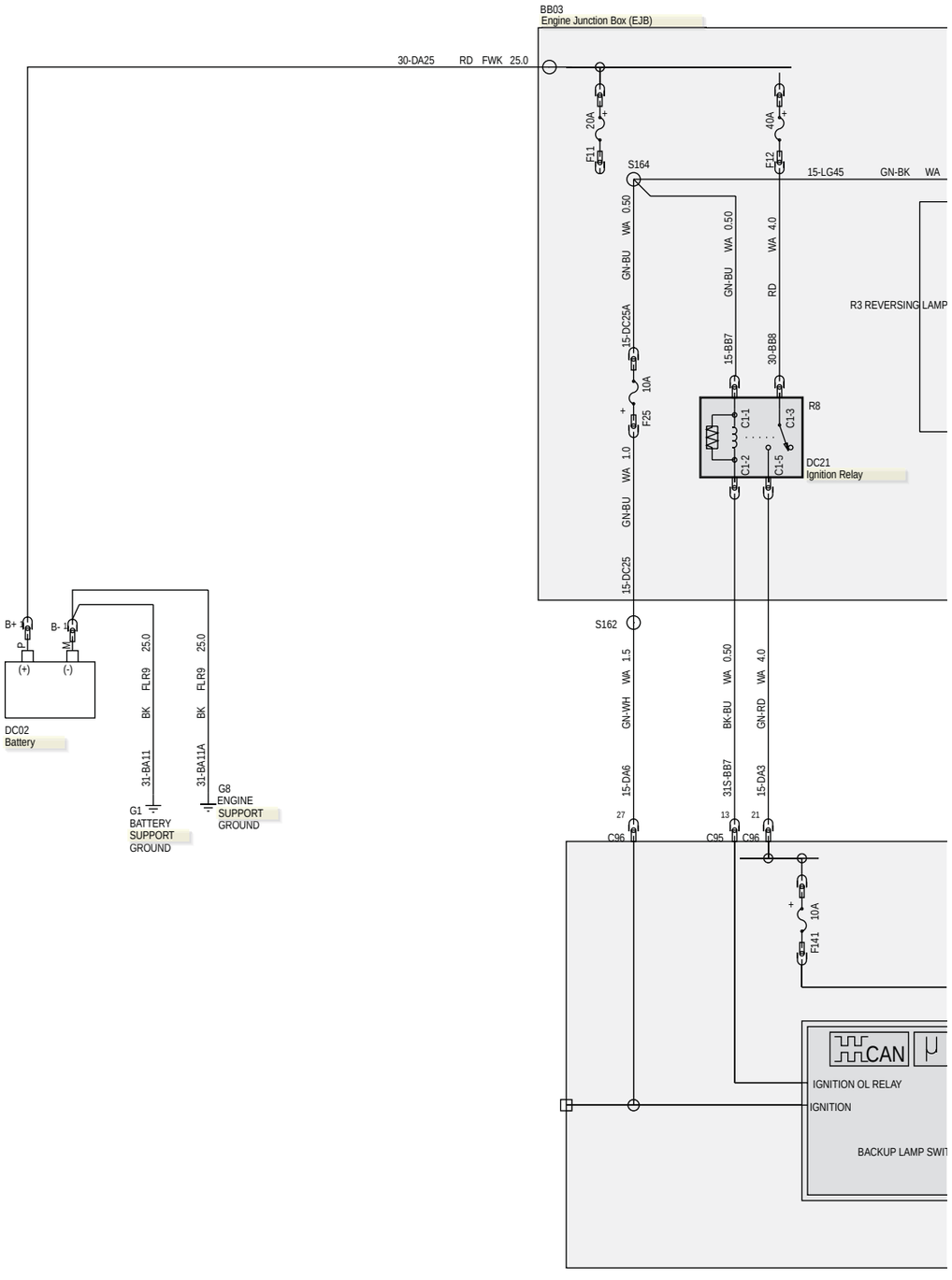
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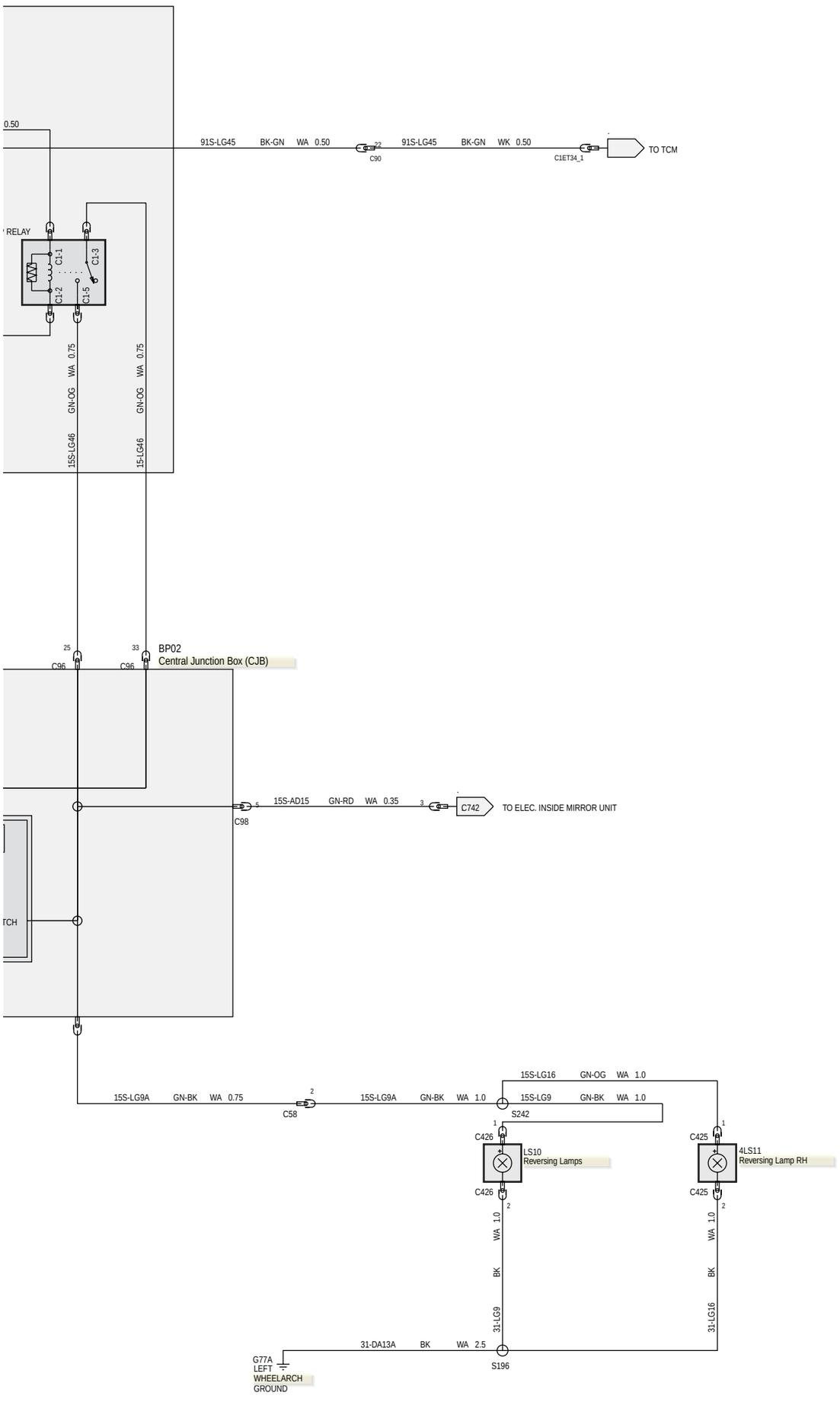
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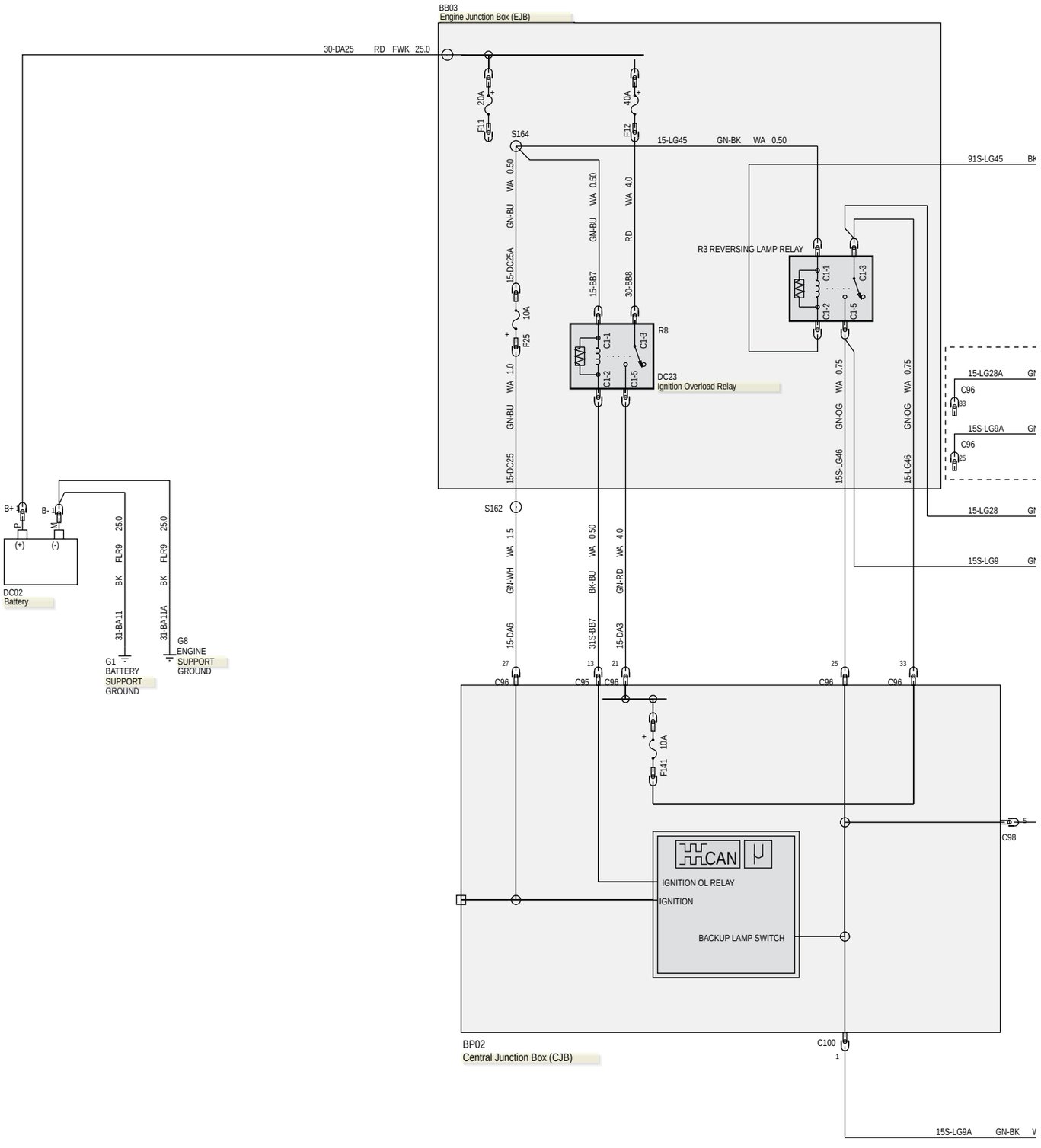
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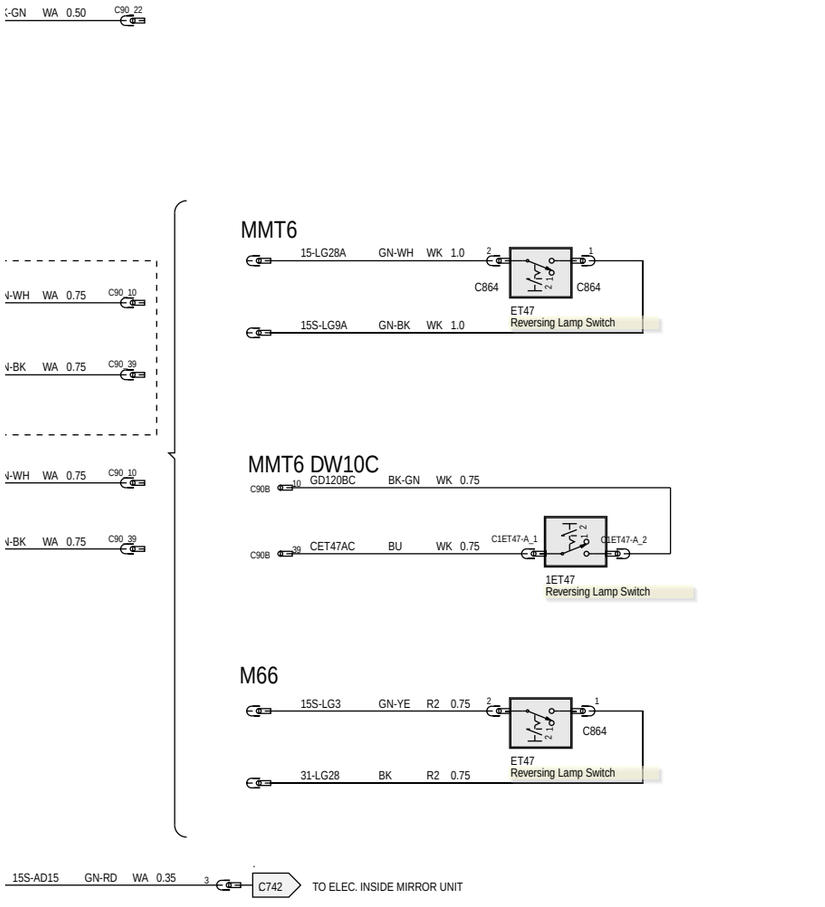


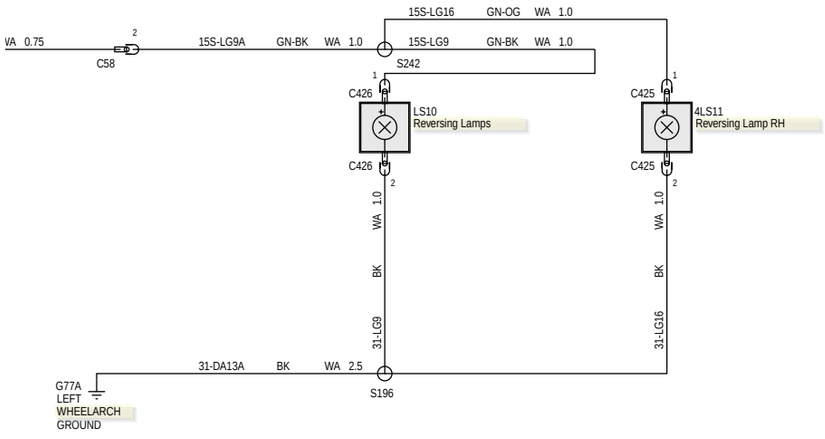
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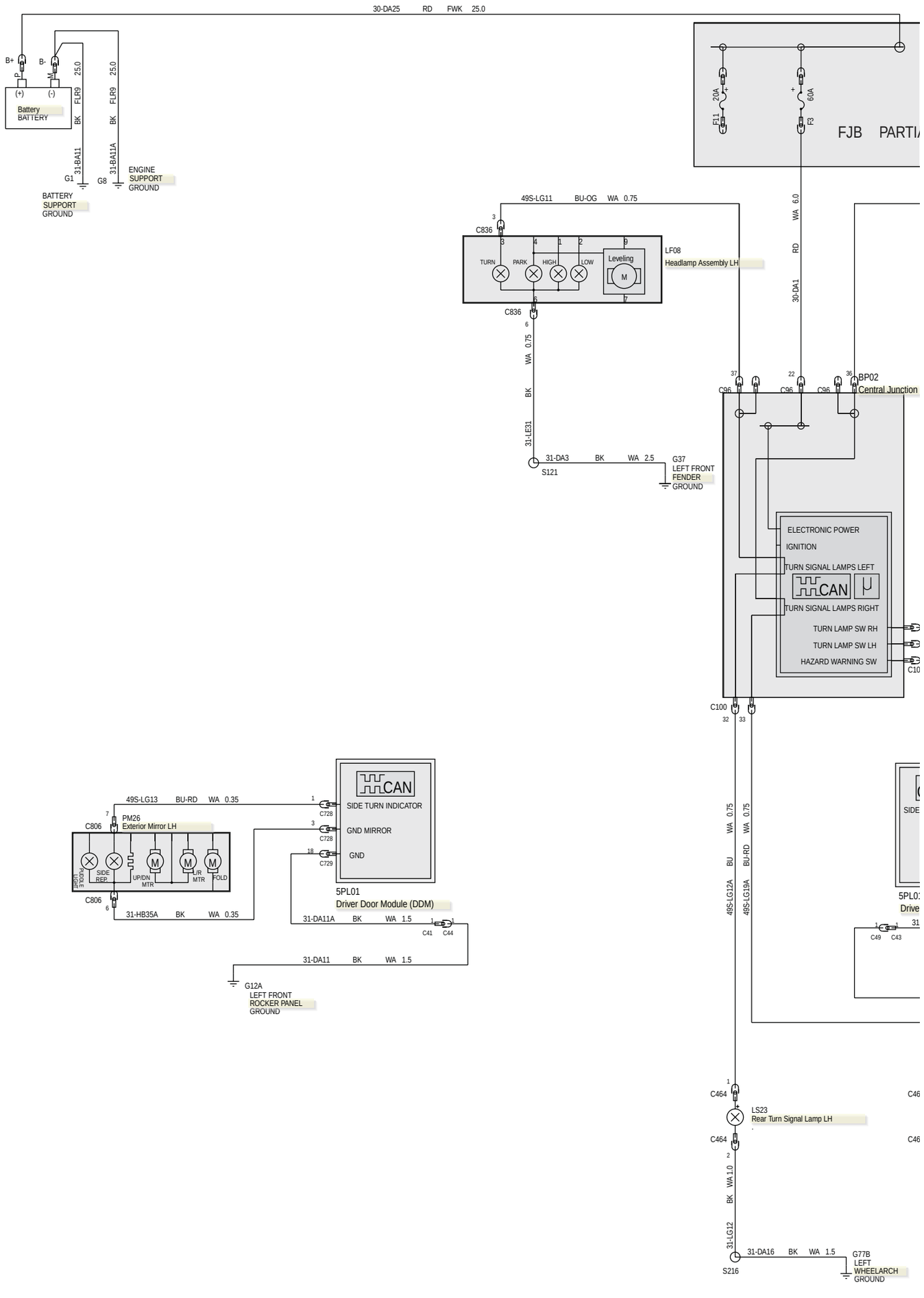
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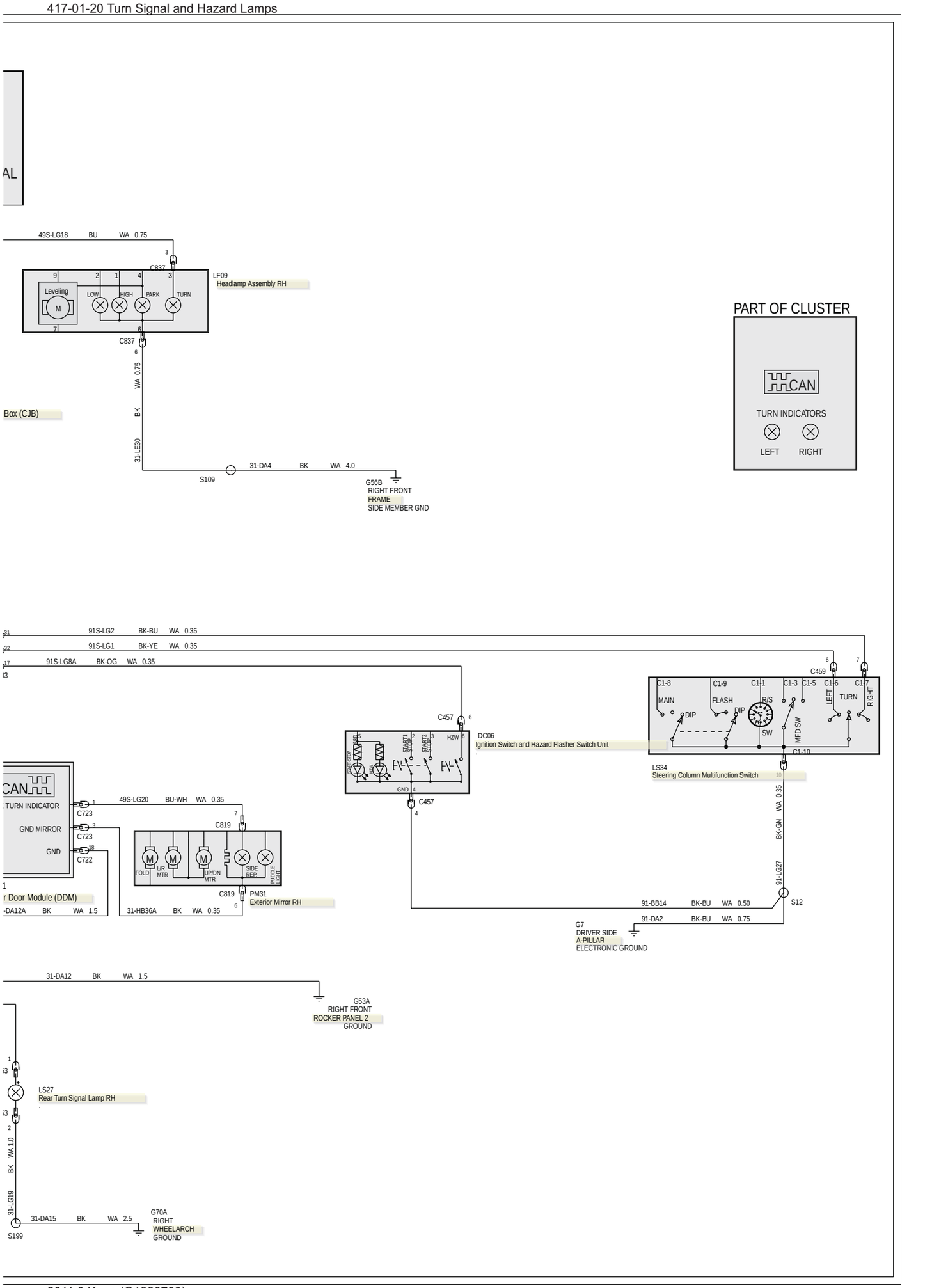

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C864
C864
ET47
Reversing Lamp Switch
15S-LG9A GN-BK WK 1.0
-WH WA 0.75 C90 10
-BK WA 0.75 C90 39
MMT6 DW10C
C90B 10 GD120BC BK-GN WK 0.75
C90B 39 CET47AC BU WK 0.75
C1ET47-A_1
C1ET47-A_2
1ET47
Reversing Lamp Switch
M66
15S-LG3 GN-YE R2 0.75
C864
ET47
Reversing Lamp Switch
31-LG28 BK R2 0.75
15S-AD15 GN-RD WA 0.35 3
C742
TO ELEC. INSIDE MIRROR UNIT


15S-LG16 GN-OG WA 1.0
WA 0.75
C58
15S-LG9A GN-BK WA 1.0
15S-LG9 GN-BK WA 1.0
S242
C426
LS10
Reversing Lamps
C425
4LS11
Reversing Lamp RH
WA 1.0
BK
31-LG9
31-LG16
31-DA13A BK WA 2.5
S196
G77A
LEFT
WHEELARCH
GROUND

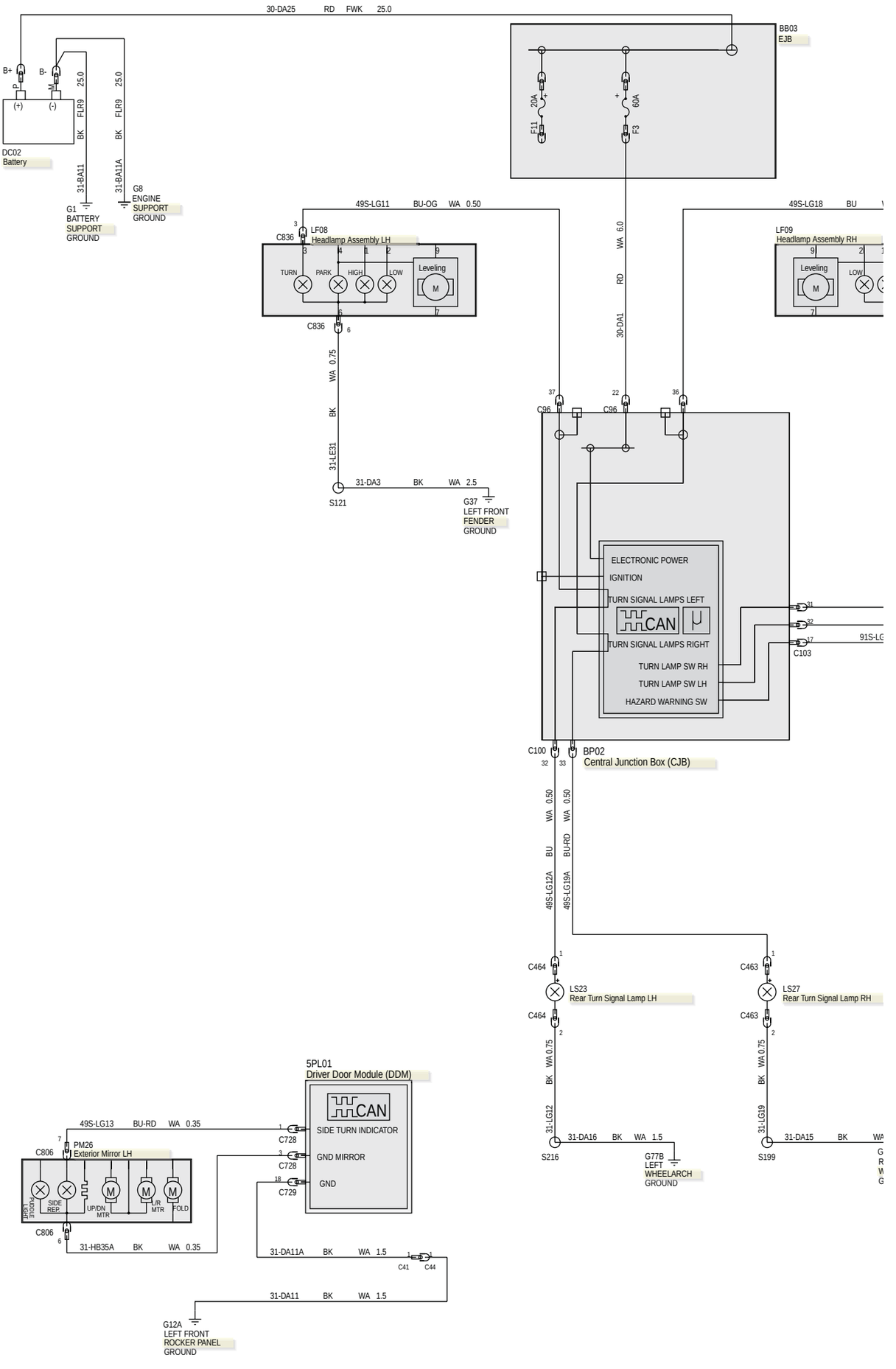
417-01-19 Turn Signal and Hazard Lamps



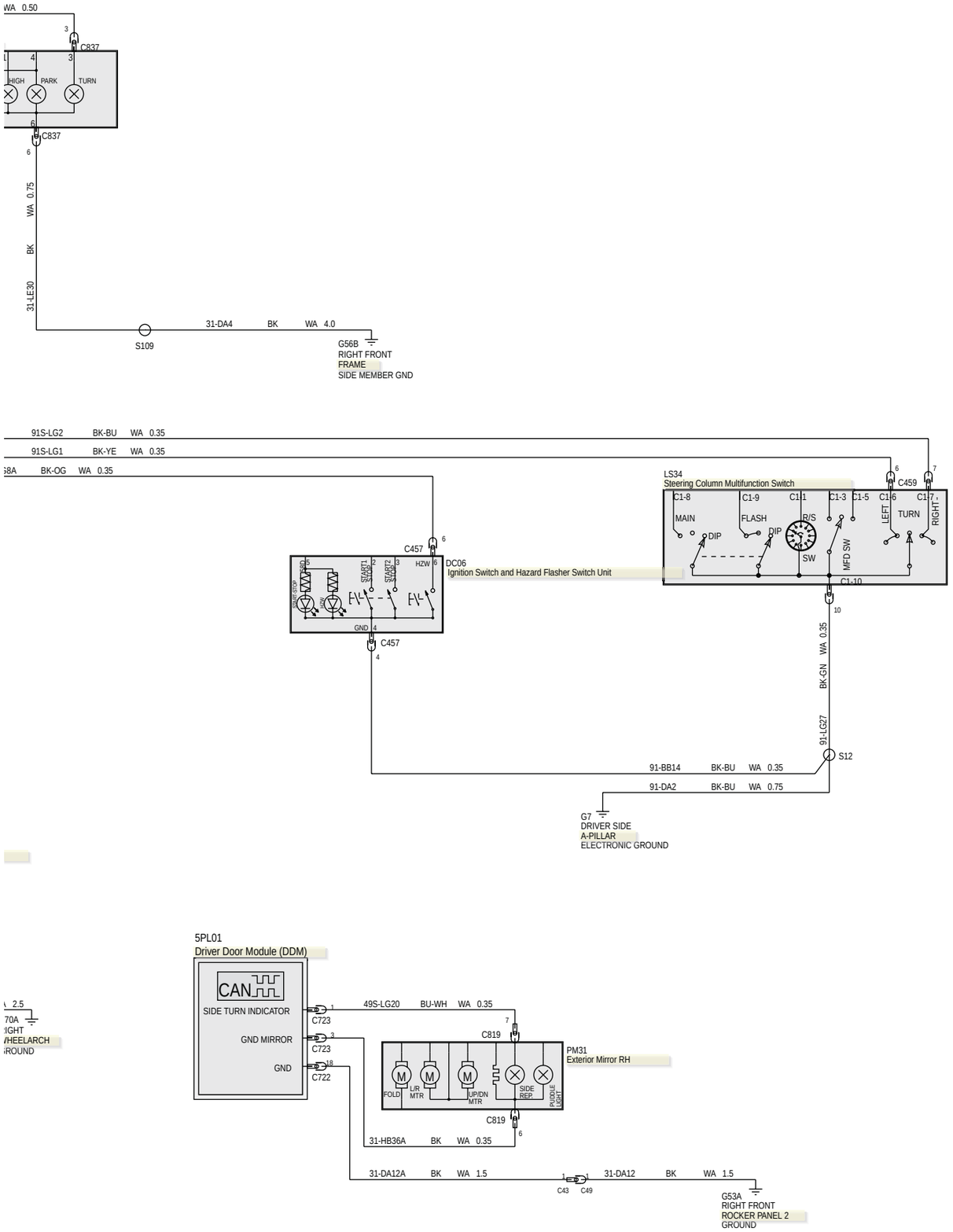
417-01-20 Turn Signal and Hazard Lamps



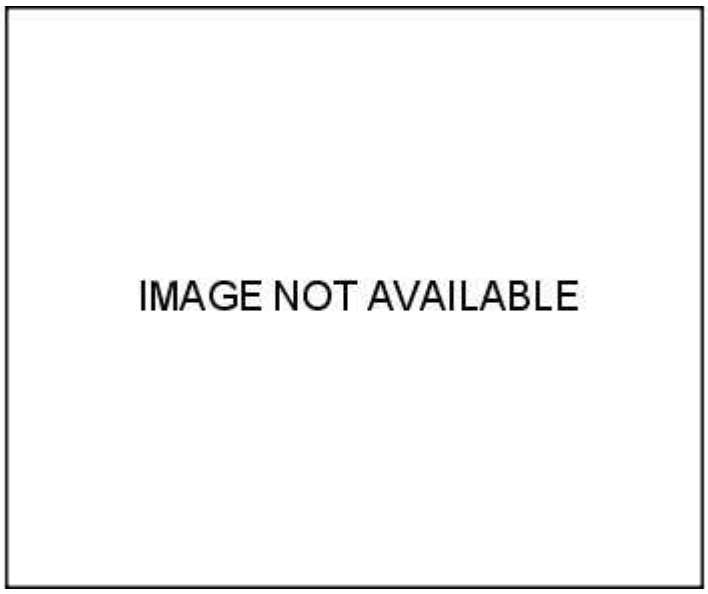
417-01-21 Turn Signal and Hazard Lamps



417-01-22 Turn Signal and Hazard Lamps

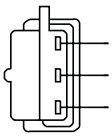


## Autolamp Relay (G1313055)




## Autolamp and Rain Sensor (G1234632)

PIN 1 => 15-KA41 GN-BK 0.35 WA



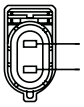
| | | | | |
|---|---|---|---|---|
| 1 | 15-AG12B | GN-BK | WA | 0.35 |
| 2 | 91-KA41 | BK-GN | WA | 0.35 |
| 3 | 8-KA41 | WH-GN | WA | 0.35 |

1X4T-14489-RA

C526
TO RAINSENSOR

HARNESS 14335

## Front Fog Lamp LH (G1234633)



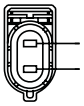
| | | | | |
|---|---|---|---|---|
| 1 | 15S-LD11 | GN-WH | WA | 1.0 |
| 2 | 31-LD11 | BK | WA | 1.0 |

5S6T-14A464-FB

C302
TO LEFT FRONT FOG LAMP

HARNESS 14K733

## Front Fog Lamp RH (G1234634)



| | | | | |
|---|---|---|---|---|
| 1 | 15S-LD17 | GN-WH | WA | 1.0 |
| 2 | 31-LD17 | BK | WA | 1.0 |

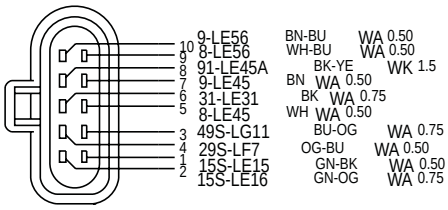
5S6T-14A464-FB

C304
TO RIGHT FRONT FOG LAMP

HARNESS 14K733

## Headlamp Assembly LH (G1234635)

PIN 8 => 31-LE45A BK-OG 1.5 WA




1X4T-14A464-ADA

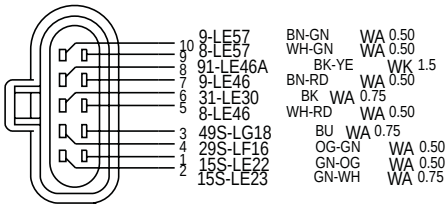
C836

TO LEFT HEAD LAMP

HARNESS 14K733

## Headlamp Assembly RH (G1234636)

PIN 8 => 31-LE46A BK-OG 1.5 WA
PIN 6 => 31-LE30A BK 0.75 WA + 31-LE30 BK 0.75 WA



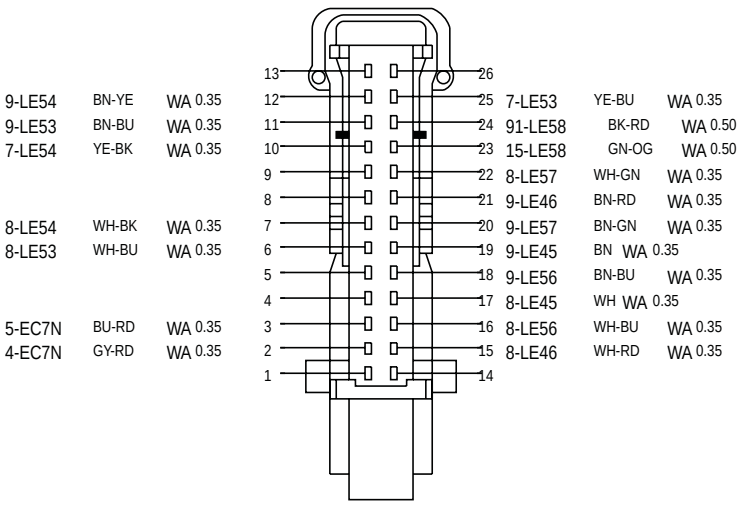

1X4T-14A464-ADA

C837

TO RIGHT HEAD LAMP

HARNESS 14K733

## Headlamp Control Module (G1246400)




98BG-14489-SZA

C838

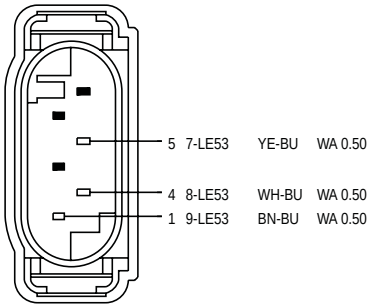
TO HID CONTROL MODULE

HARNESS 14401

## Headlamp High Beam Relay (G1313051)

IMAGE NOT AVAILABLE

## Headlamp Leveling Front Sensor (G1330908)

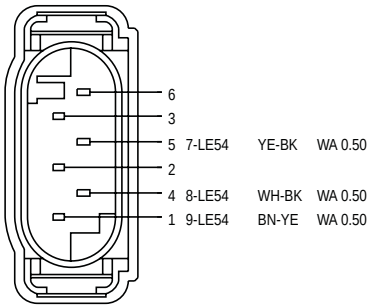



5W9T-14A464-BA

C323
TO FRONT LEVEL SENSOR

HARNESS 14K733

## Headlamp Leveling Rear Sensor (G1330909)




2L1T-14A464-YA

C839
TO REAR LEVEL SENSOR

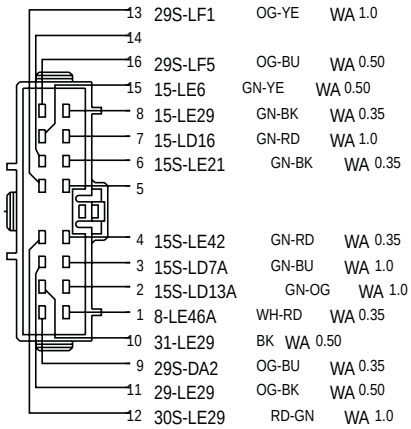
HARNESS 2B325

## Headlamp Low Beam Relay (G1313053)

IMAGE NOT AVAILABLE

## Headlamp Switch (G1234637)

PIN 12 => 30-LE6 RD 1.0 WA + 30S-LE29 RD-GN 1.0 WA
PIN 12 => 30S-LE29A RD-GN 1.0 WA



| | | | | |
|---|---|---|---|---|
| 13 | 29S-LF1 | OG-YE | WA | 1.0 |
| 14 | | | | |
| 16 | 29S-LF5 | OG-BU | WA | 0.50 |
| 15 | 15-LE6 | GN-YE | WA | 0.50 |
| 8 | 15-LE29 | GN-BK | WA | 0.35 |
| 7 | 15-LD16 | GN-RD | WA | 1.0 |
| 6 | 15S-LE21 | GN-BK | WA | 0.35 |
| 5 | | | | |
| 4 | 15S-LE42 | GN-RD | WA | 0.35 |
| 3 | 15S-LD7A | GN-BU | WA | 1.0 |
| 2 | 15S-LD13A | GN-OG | WA | 1.0 |
| 1 | 8-LE46A | WH-RD | WA | 0.35 |
| 10 | 31-LE29 | BK | WA | 0.50 |
| 9 | 29S-DA2 | OG-BU | WA | 0.35 |
| 11 | 29-LE29 | OG-BK | WA | 0.50 |
| 12 | 30S-LE29 | RD-GN | WA | 1.0 |

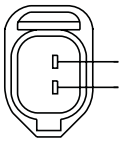
98AG-14489-TTB

C320
TO LIGHT SWITCH

HARNESS 14401

## High Mounted Stoplamp (G1234638)

PIN 1 => 15S-LG6A GN-YE 0.75 WA + 15S-LG6 BK 0.75 WA



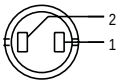
| | | | | |
|---|---|---|---|---|
| 1 | 15S-LG6 | GN-YE | WA | 0.75 |
| 2 | 31-LG6 | BK | WA | 0.75 |

F81B-14A464-KA

C108
TO CENTER HIGH STOP LAMP

HARNESS 14B562

## License Plate Lamp LH (G1234639)

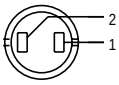


2 31-LF21 BK WA 0.50
1 29S-LF21 OG-BK WA 0.50

2M5A-13K370-FB

C491
TO LICENSE PLATE
HARNESS 14B562

## License Plate Lamp RH (G1234640)

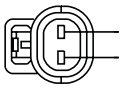


2 31-LF22 BK WA 0.50
1 29S-LF22 OG-BK WA 0.50

2M5A-13K370-FB

C492
TO LICENSE PLATE
HARNESS 14B562

## Rear Fog Lamp (G1234641)

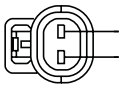


1 15S-LD30 GN-YE WA 1.0
2 31-LD30 BK WA 1.0

6M5T-14A464-KBA

C435
TO LEFT REAR FOG LAMP
HARNESS 14014

## Rear Fog Lamp (G1234642)



1 15S-LD31 GN-YE WA 1.0
2 31-LD31 BK WA 1.0

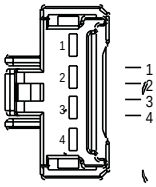
6M5T-14A464-KBA

C436
TO RIGHT REAR FOG LAMP
HARNESS 14014

## Rear Fog Lamp Relay (G1313049)

IMAGE NOT AVAILABLE

## Rear Lamp Assembly LH (G1234643)



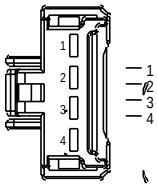

1
2 31-LF23A BK WA 0.75
3 15S-LG14B GN-RD WA 0.50
4 29S-LF11A OG-WH WA 0.50

8V4T-14489-RDA

C475
TO COMBINED STOP/TAIL LAMP LHS

HARNESS 14014

## Rear Lamp Assembly RH (G1234644)



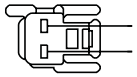

1
2 31-LF24B BK WA 0.75
3 15S-LG21A GN-BK WA 0.50
4 29S-LF20A OG WA 0.50

8V4T-14489-RDA

C474
TO COMBINED STOP/TAIL LAMP RHS

HARNESS 14014

## Rear Turn Signal Lamp LH (G1240714)



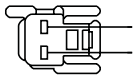
2 31-LG12 BK WA 1.0
1 49S-LG12A BU WA 0.75

4S7T-14489-VAA

C464
TO TURN SIGNAL LIGHT LHS

HARNESS 14014

## Rear Turn Signal Lamp RH (G1240715)



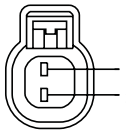
2 31-LG19 BK WA 1.0
1 49S-LG19A BU-RD WA 0.75

4S7T-14489-VAA

C463
TO TURN SIGNAL LIGHT RHS

HARNESS 14014

## Reversing Lamp LH (G1234645)



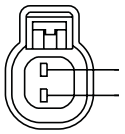
1 15S-LG9 GN-BK WA 1.0
2 31-LG9 BK WA 1.0

XR3T-14A464-BA

C426
TO REVERSE DRIVE LAMP LEFT

HARNESS 17N400

## Reversing Lamp RH (G1234646)



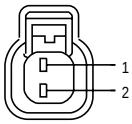
1 15S-LG16 GN-OG WA 1.0
2 31-LG16 BK WA 1.0

XR3T-14A464-BA

C425
TO REVERSE DRIVE LAMP RIGHT

HARNESS 17N400

## Reversing Lamp Switch (G1246958)



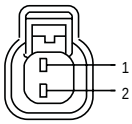
1 15S-LG9A GN-BK WK 0.75
2 15-LG28A GN-WH WK 0.75

XR3T-14A464-AA

C864
TO TRANSMISSION SWITCH HC (BACKUP LAMP SWITCH)

HARNESS 12A690

## Reversing Lamp Switch—A (G1324839)



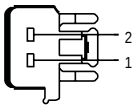
1 CET47AC BU WK 0.75 G
2 GD120BC BK-GN WK 0.75

XR3T-14A464-AA

C1ET47A
TO REVERSE GEAR SWITCH MMT6

HARNESS 12A690

## Stoplamp Switch (G1234647)



2 15-LG23 GN-WH WA 1.0
1 15S-LG23 GN-WH WA 1.0 + 15S-LG14 GN-RD WA 0.75

4S7T-14489-VNA

C444
TO STOP LAMP SWITCH

HARNESS 14014

## Trailer Socket (G1246401)



1 9-GN18 BN-BU WA 0.50

78GG-14488-SA

C631
TO TRAILER TOW (PA)

HARNESS 14014

# SECTION 417-02 Interior Lighting

## VEHICLE APPLICATION: 2011.0 Kuga

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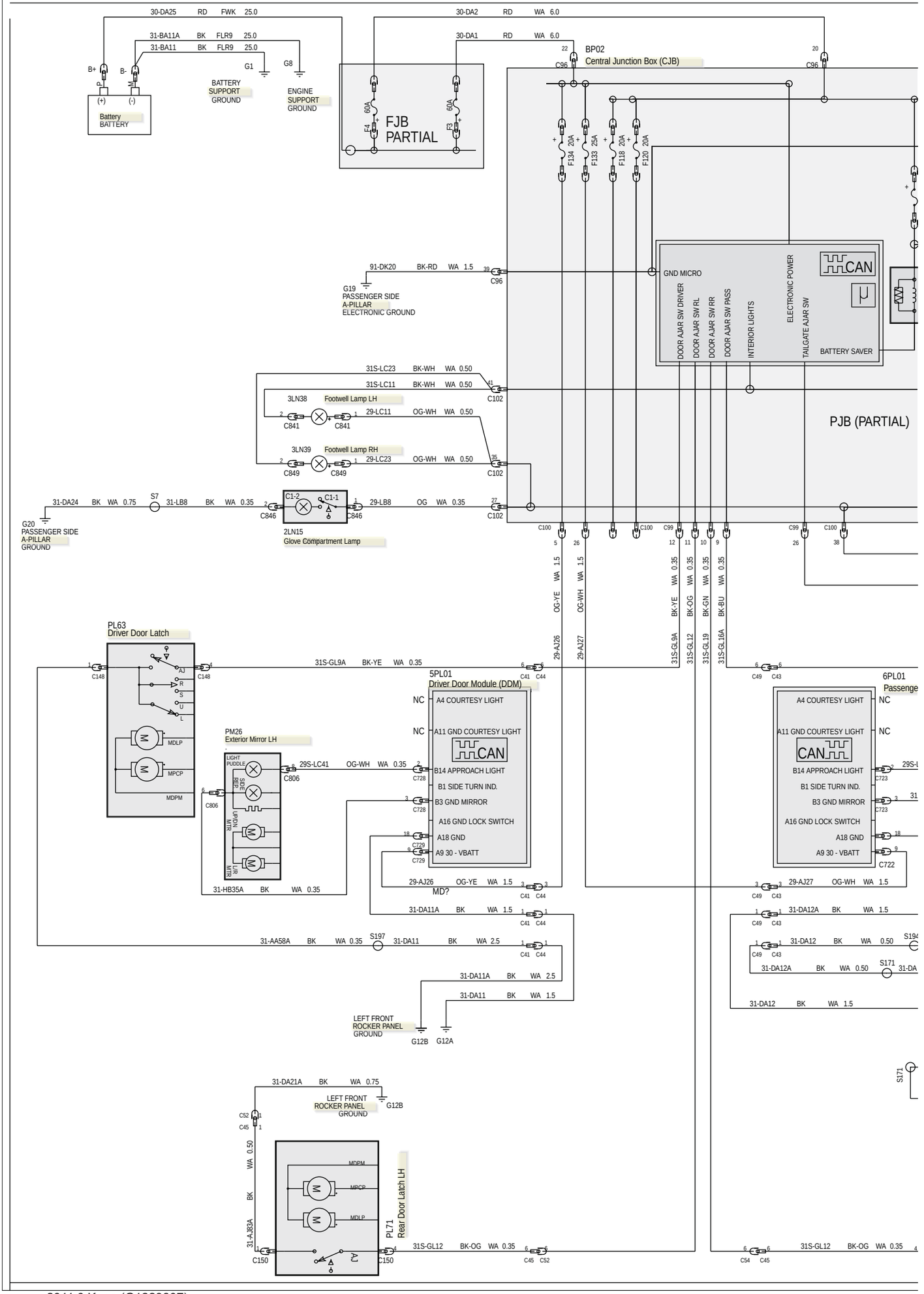
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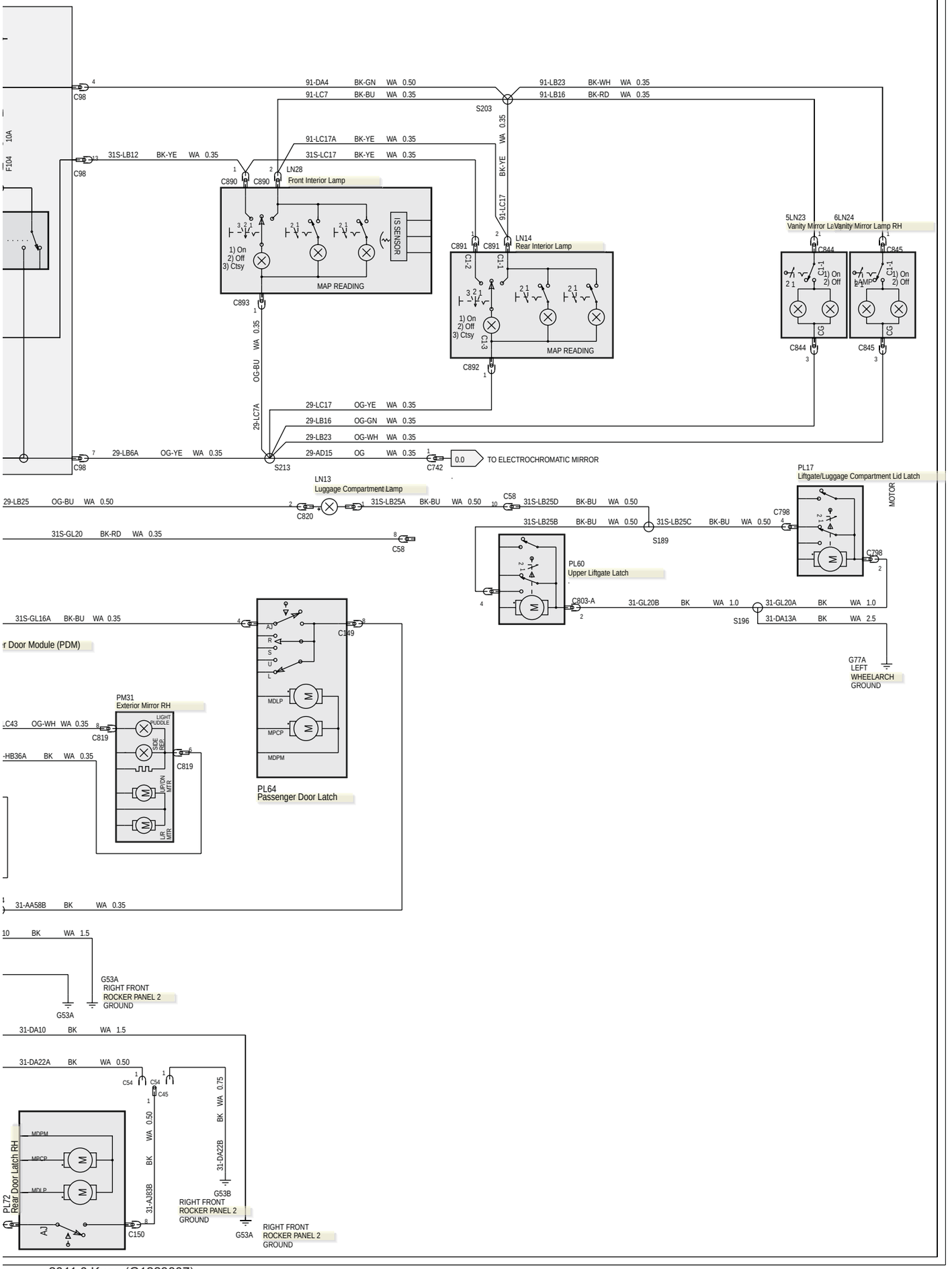
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Footwell Lamp RH..... 417-02-14
Front Interior Lamp..... 417-02-14
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Rear Interior Lamp..... 417-02-15
Vanity Mirror Lamp LH..... 417-02-15
Vanity Mirror Lamp RH..... 417-02-15

417-02-2 Courtesy and Demand Lighting—LHD 4WD/LHD FWD, Vehicles Without: Door Module

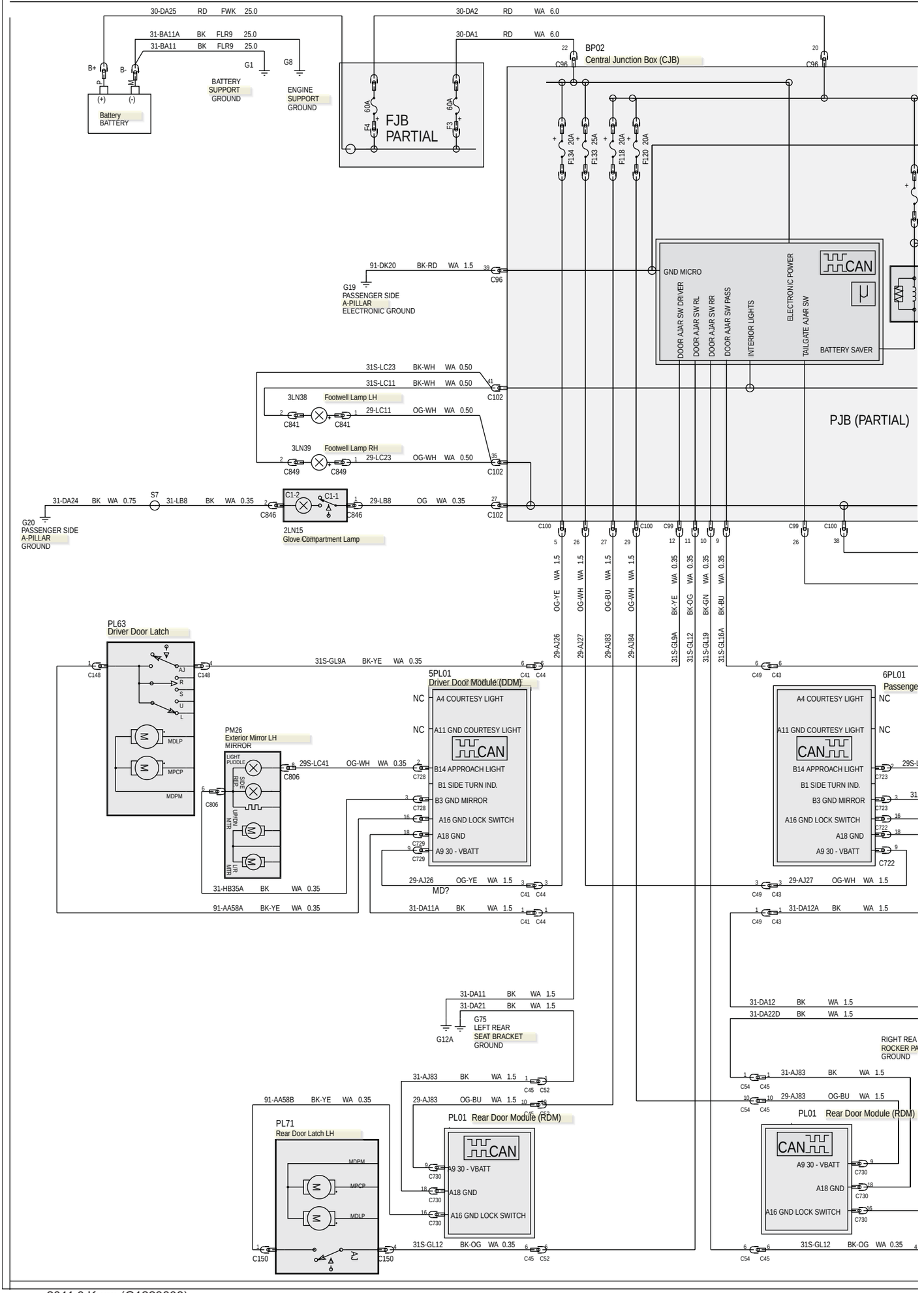


417-02-3 Courtesy and Demand Lighting—LHD 4WD/LHD FWD, Vehicles Without: Door Module

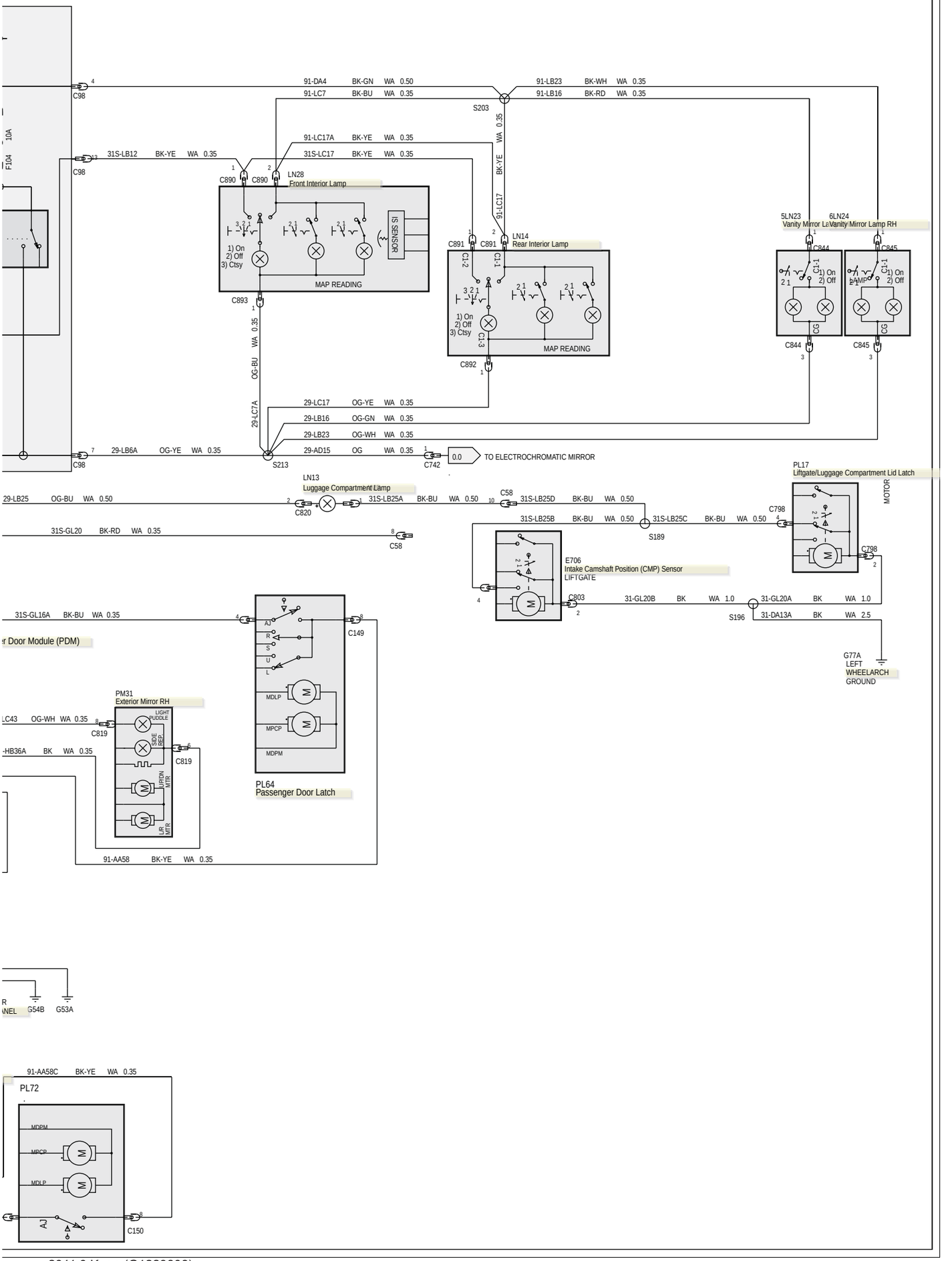



2011.0 Kuga (G1223807)

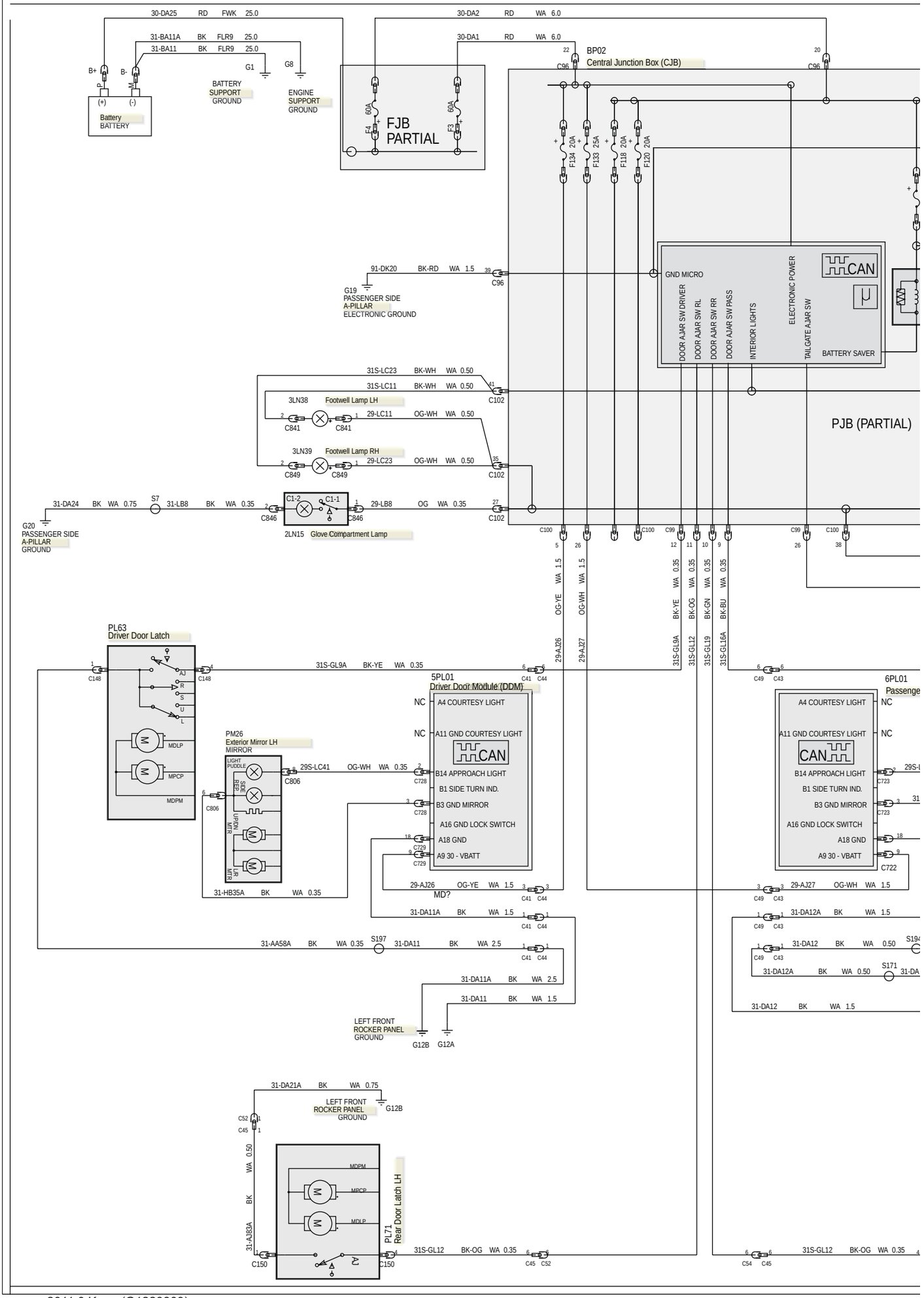
417-02-4 Courtesy and Demand Lighting—LHD 4WD/LHD FWD, Vehicles With: Door Module



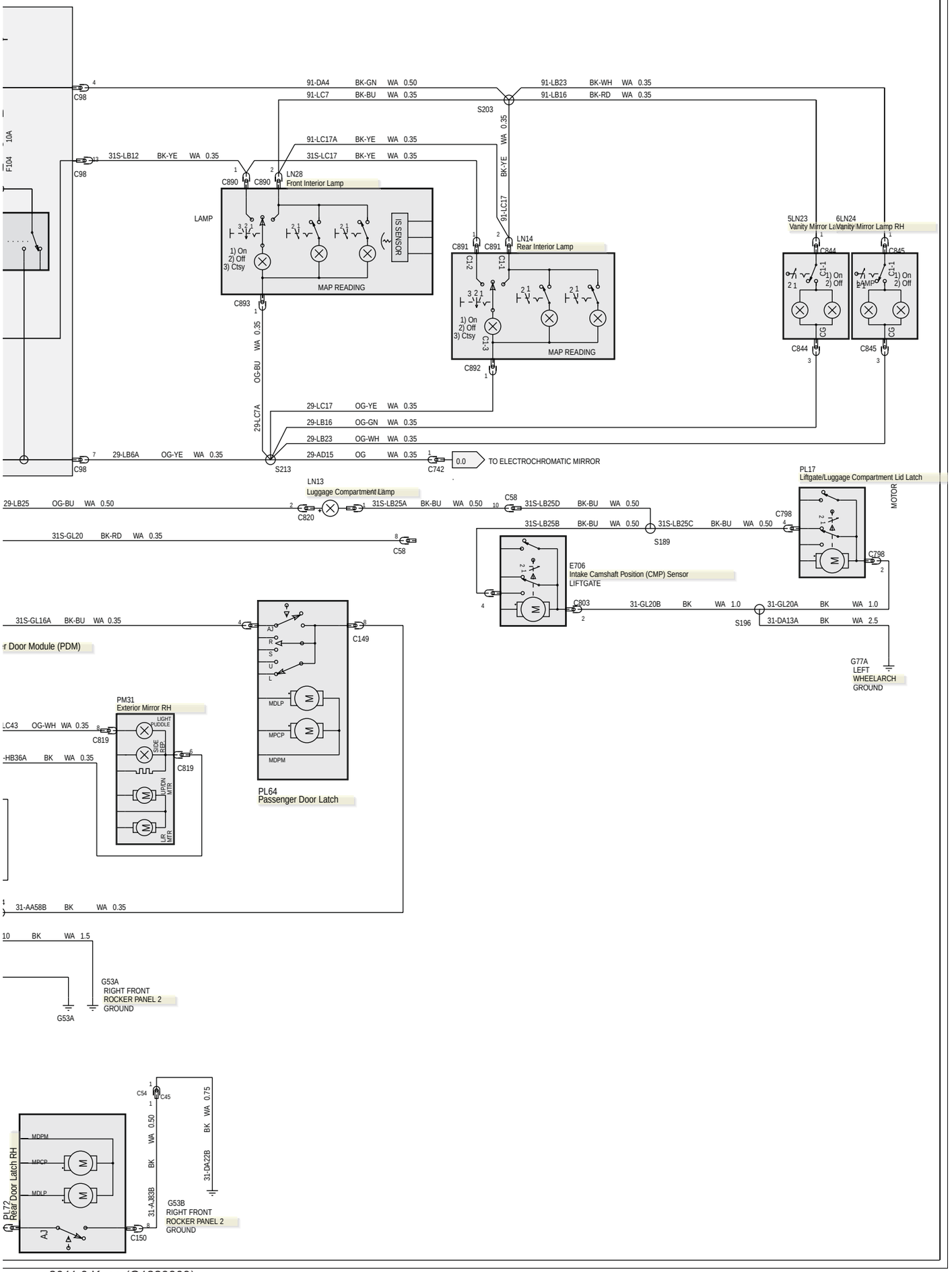
417-02-5 Courtesy and Demand Lighting—LHD 4WD/LHD FWD, Vehicles With: Door Module



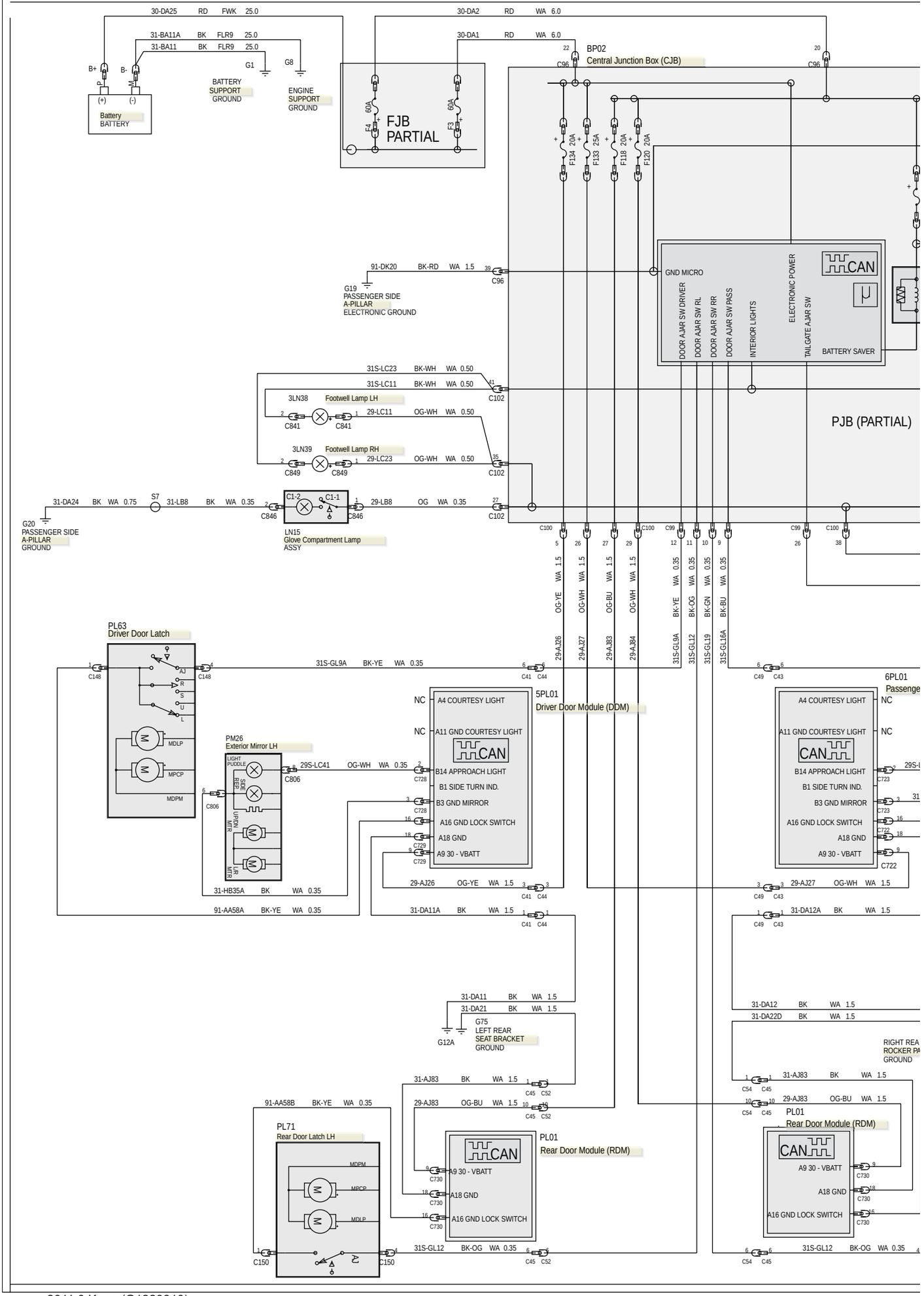
417-02-6 Courtesy and Demand Lighting—RHD 4WD/RHD FWD, Vehicles Without: Door Module



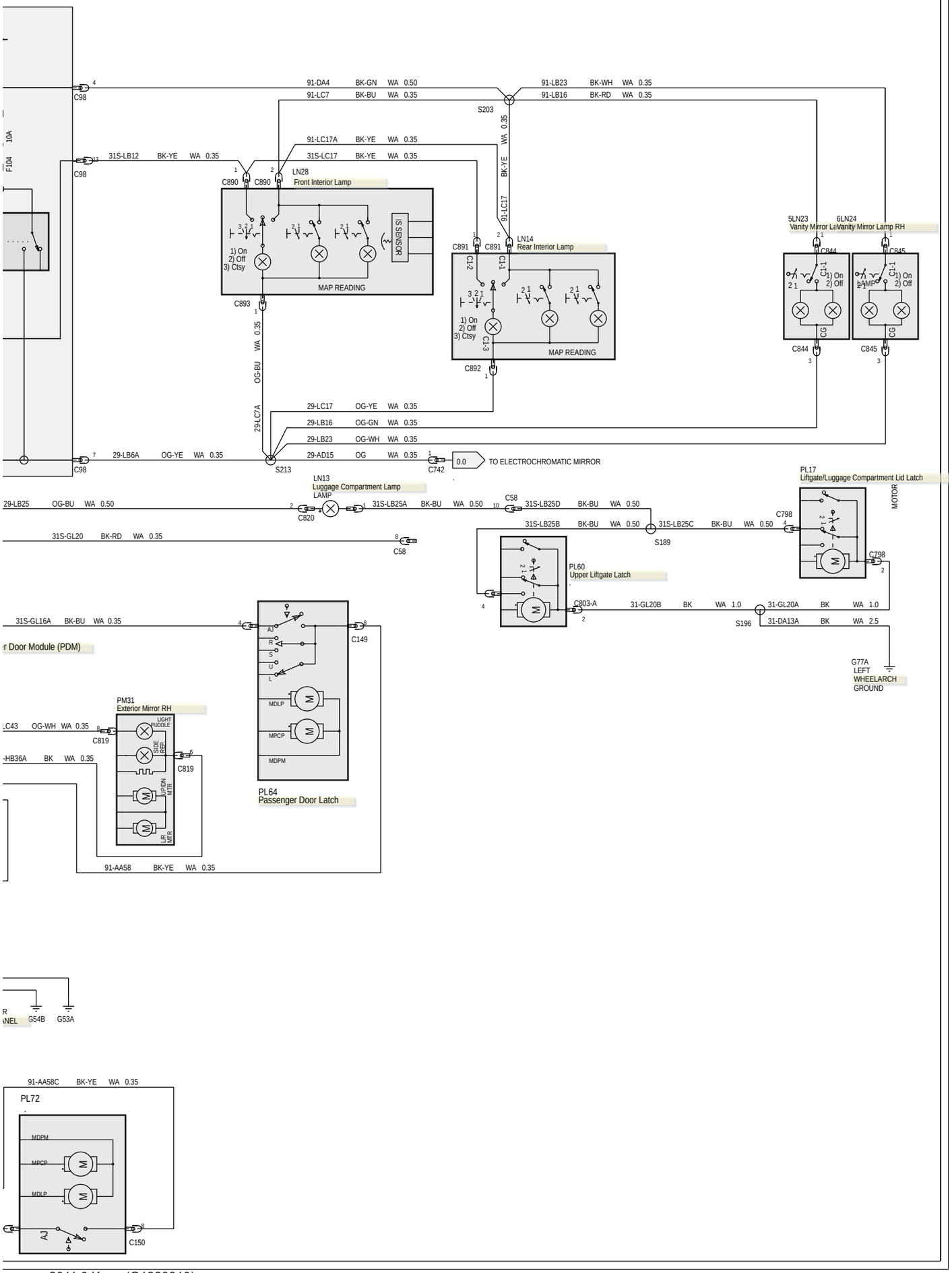
417-02-7 Courtesy and Demand Lighting—RHD 4WD/RHD FWD, Vehicles Without: Door Module



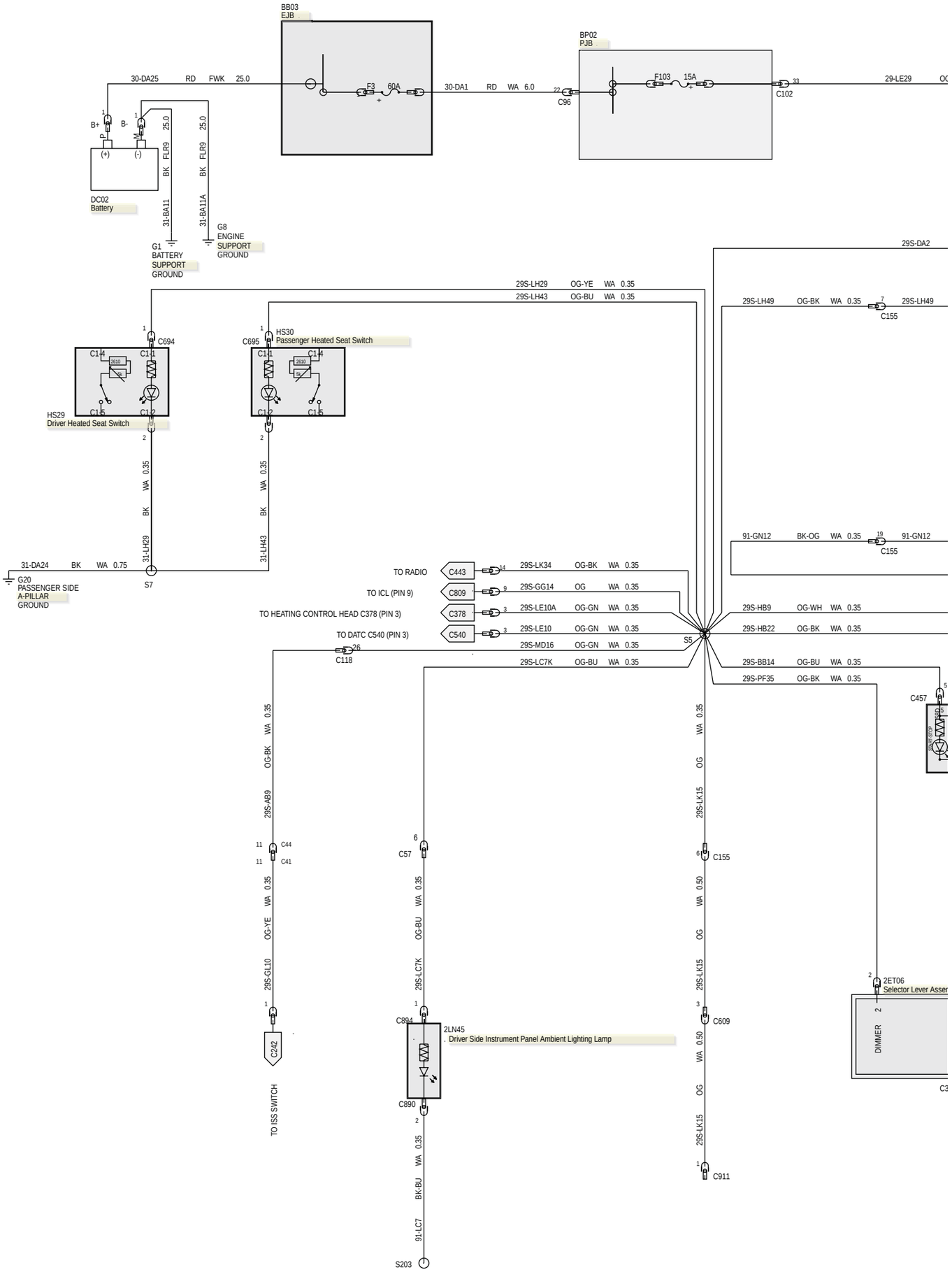
417-02-8 Courtesy and Demand Lighting—RHD 4WD/RHD FWD, Vehicles With: Door Module



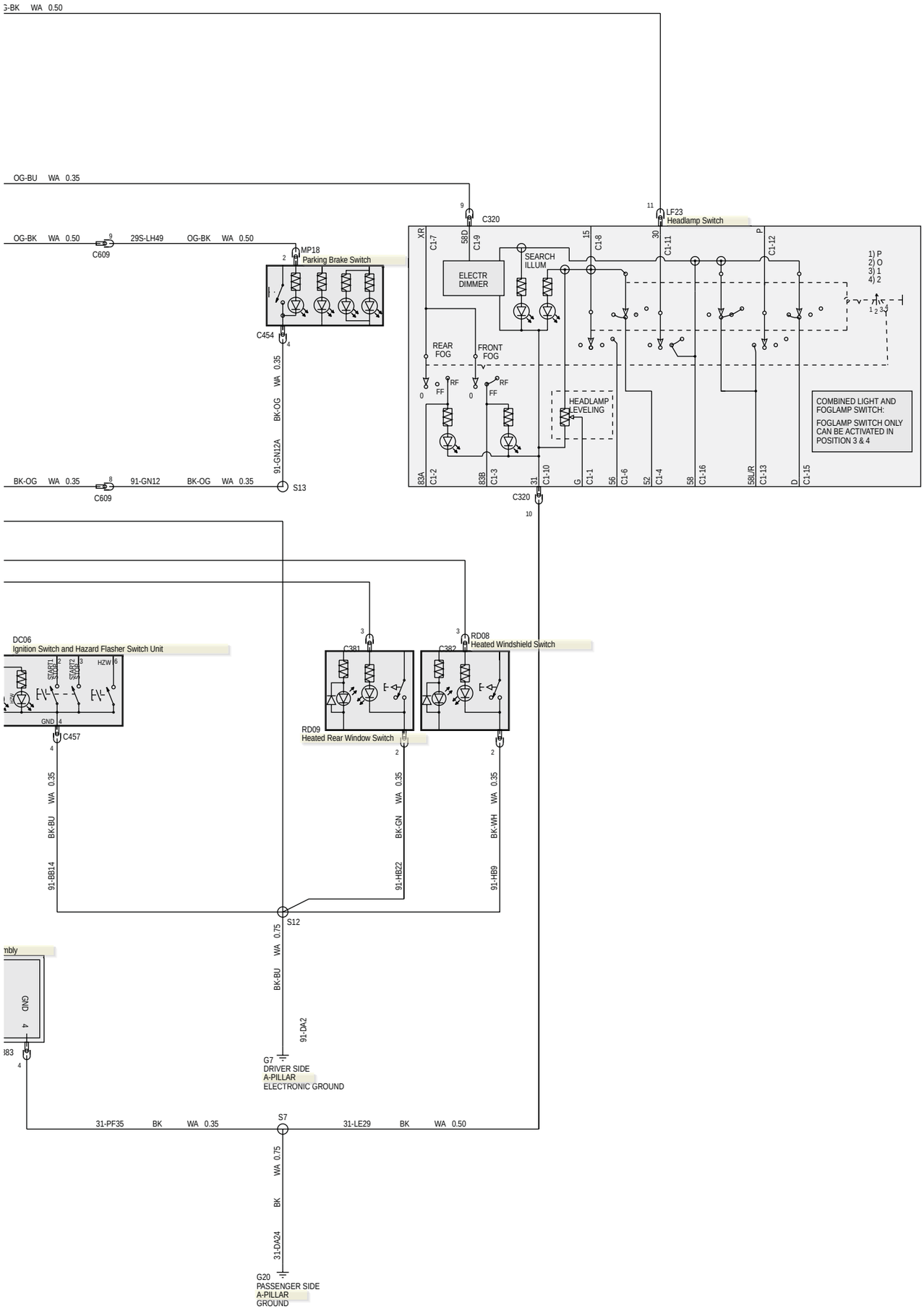
417-02-9 Courtesy and Demand Lighting—RHD 4WD/RHD FWD, Vehicles With: Door Module



417-02-10 Instrument Cluster and Panel Illumination—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD/6-Speed Automatic Transaxle - 6DCT450 AWD

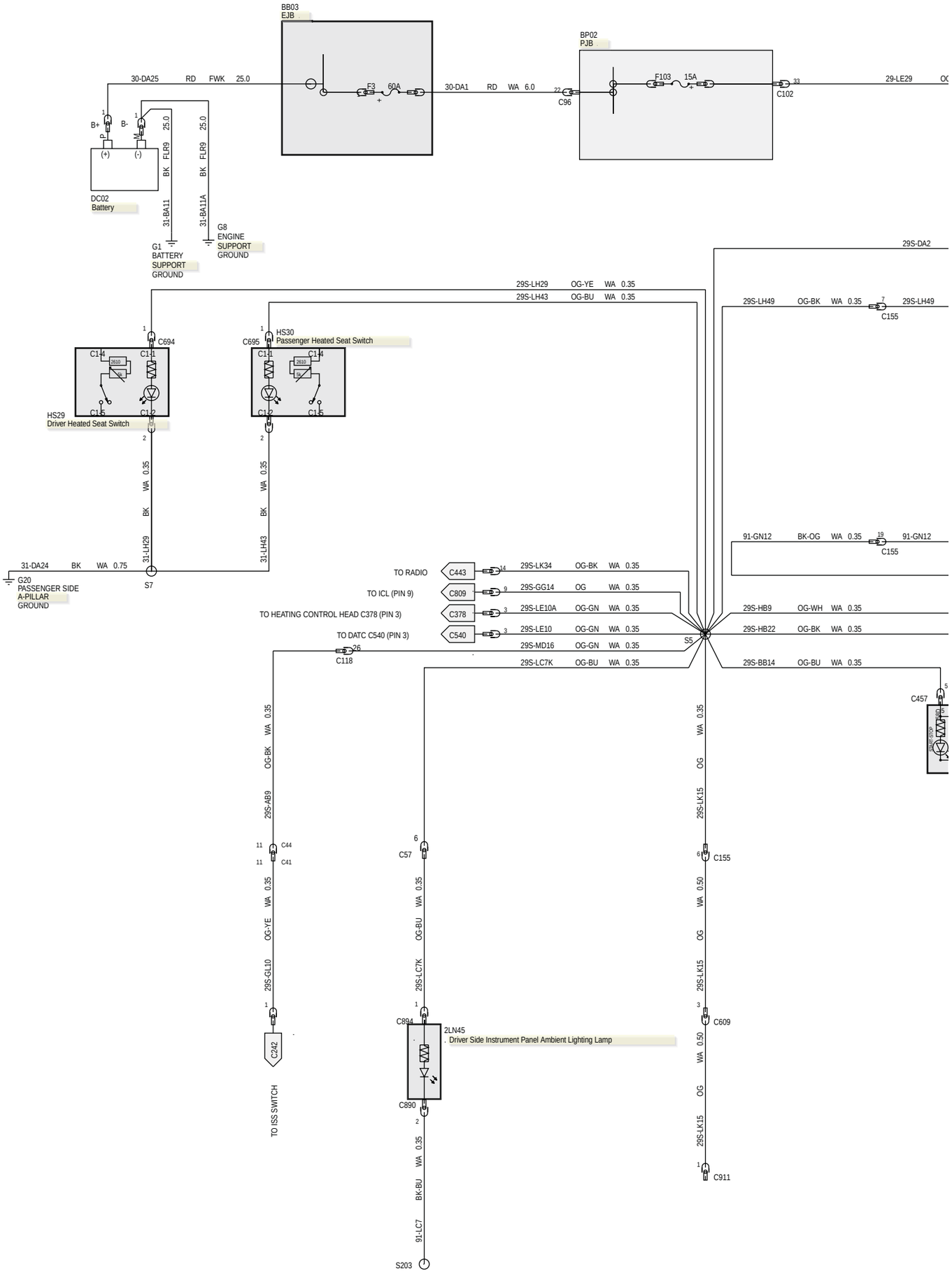


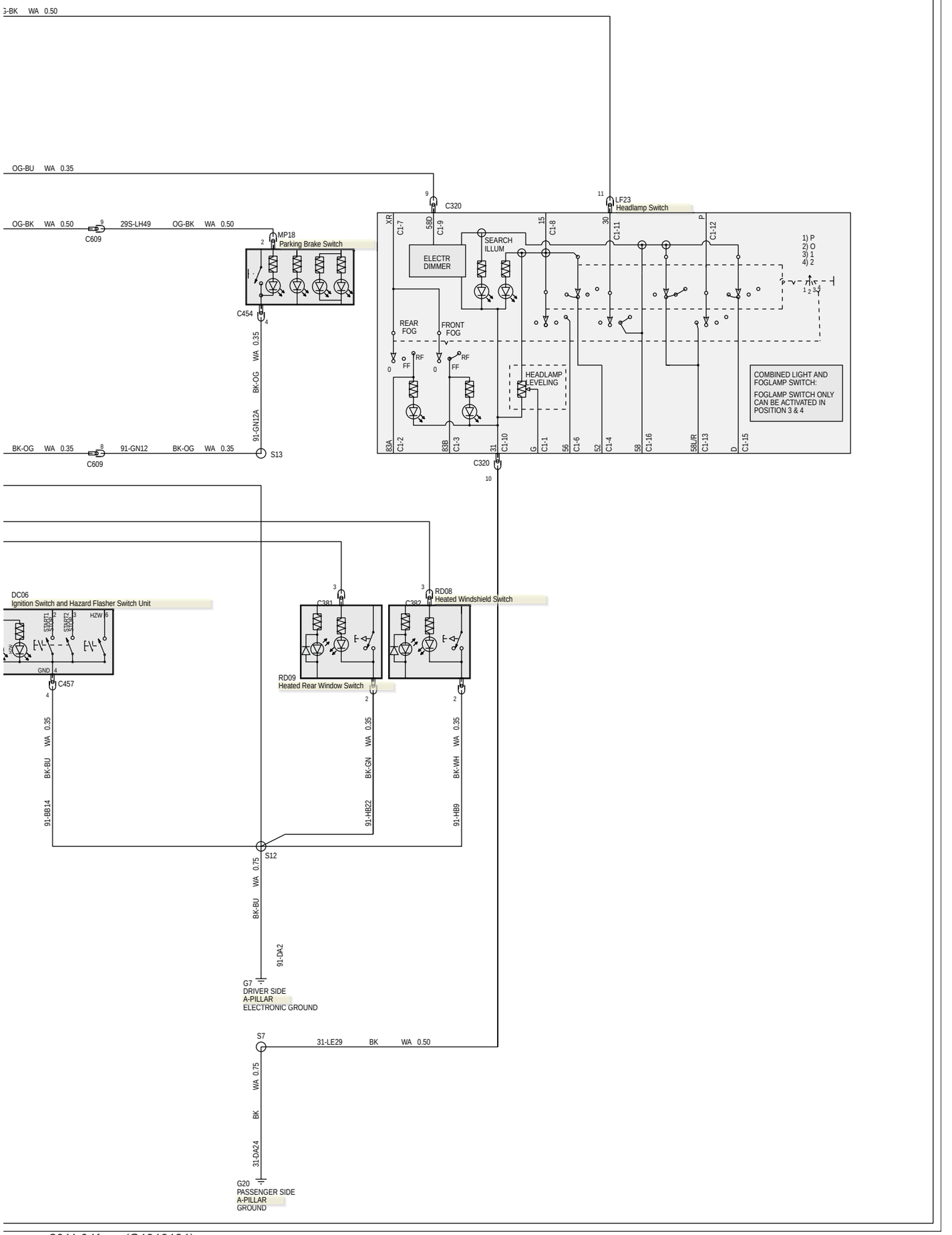
417-02-11 Instrument Cluster and Panel Illumination—Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD/6-Speed Automatic Transaxle - 6DCT450 AWD



417-02-12 Instrument Cluster and Panel Illumination—Vehicles With: 6-Speed Manual Transaxle - M66 AWD/6-Speed Manual Transaxle - MMT6

AWD/FWD




G-BK WA 0.50
OG-BU WA 0.35
OG-BK WA 0.50
29S-LH49
OG-BK WA 0.50
C609
MP18
Parking Brake Switch
C454
WA 0.35
BK-OG
91-GN12A
BK-OG WA 0.35
91-GN12
BK-OG WA 0.35
S13
C320
LF23
Headlamp Switch
ELECTR DIMMER
SEARCH ILLUM
REAR FOG
FRONT FOG
HEADLAMP LEVELING
COMBINED LIGHT AND FOGLAMP SWITCH:
FOGLAMP SWITCH ONLY CAN BE ACTIVATED IN POSITION 3 & 4
1) P
2) O
3) 1
4) 2
DC06
Ignition Switch and Hazard Flasher Switch Unit
C457
C381
C382
RD08
Heated Windshield Switch
RD09
Heated Rear Window Switch
BK-BU
91-BB14
BK-GN
91-HB22
BK-WH
91-HB9
S12
WA 0.75
BK-BU
91-DA2
G7
DRIVER SIDE
A-PILLAR
ELECTRONIC GROUND
S7
31-LE29 BK WA 0.50
WA 0.75
BK
31-DA24
G20
PASSENGER SIDE
A-PILLAR
GROUND

## Driver Side Instrument Panel Ambient Lighting Lamp (G1234658)



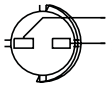
1 29S-LC7K OG-BU WA 0.35

6M5T-14489-GAA

C894
TO AMBIENT LIGHT

HARNESS 14335

## Footwell Lamp LH (G1234659)



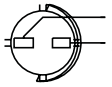
1 29-LC11 OG-WH WA 0.50
2 31S-LC11 BK-WH WA 0.50

91AG-13K370-AB

C841
TO LEFT FRONT FOOTWELL LAMP

HARNESS 14401

## Footwell Lamp RH (G1234660)



1 29-LC23 OG-WH WA 0.50
2 31S-LC23 BK-WH WA 0.50

91AG-13K370-AB

C849
TO RIGHT FRONT FOOTWELL LAMP

HARNESS 14401

## Front Interior Lamp (G1239884)



4 8-GL10A WH WA 0.35 G
3
2 31-DA15 BK WA 0.35 G
1 7-GL1 YE WA 0.35 G

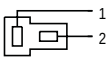
2S7T-14489-DA

C452
TO DOME LAMP IS SENSOR

HARNESS 14335

## Front Interior Lamp (G1234661)

PIN 2 => 91-LC7A BK-BU 0.35 WA



1 31S-LB12 BK-YE WA 0.35 + 31S-LC17 BK-YE WA 0.35
2 91-LC7 BK-BU WA 0.35 + 91-LC17A BK-YE WA 0.35

81AG-14488-GA

C890
TO FRONT DOME LAMP

HARNESS 14335

## Front Interior Lamp (G1234662)

PIN 1 => 29-LC7A OG-BU 0.35 WA + 29-LC17A OG-YE 0.35 WA



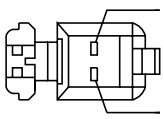
1 29-LC7B OG-BU WA 0.35

78GG-14488-SA

C893
TO FRONT DOME LAMP

HARNESS 14335

## Glove Compartment Lamp (G1239885)

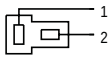



4M5T-14489-MBA

C846
TO GLOVE BOX LAMP

HARNESS 14401

## Luggage Compartment Lamp (G1239883)

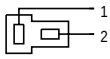



81AG-14488-GA

C820
TO LUGGAGE COMPARTMENT LAMP

HARNESS 14014

## Rear Interior Lamp (G1234663)




81AG-14488-GA

C891
TO REAR DOME LAMP

HARNESS 14335

## Rear Interior Lamp (G1234664)

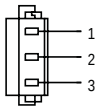



78GG-14488-SA

C892
TO REAR DOME LAMP

HARNESS 14335

## Vanity Mirror Lamp LH (G1234665)

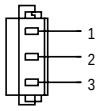



94BG-14489-LCB

C844
TO LEFT VANITY MIRROR LLUMINATION LAMP

HARNESS 14335

## Vanity Mirror Lamp RH (G1234666)




94BG-14489-LCB

C845
TO RIGHT VANITY MIRROR ILLUMINATION LAMP

HARNESS 14335

# SECTION 417-04 Daytime Running Lamps (DRL)

## VEHICLE APPLICATION: 2011.0 Kuga

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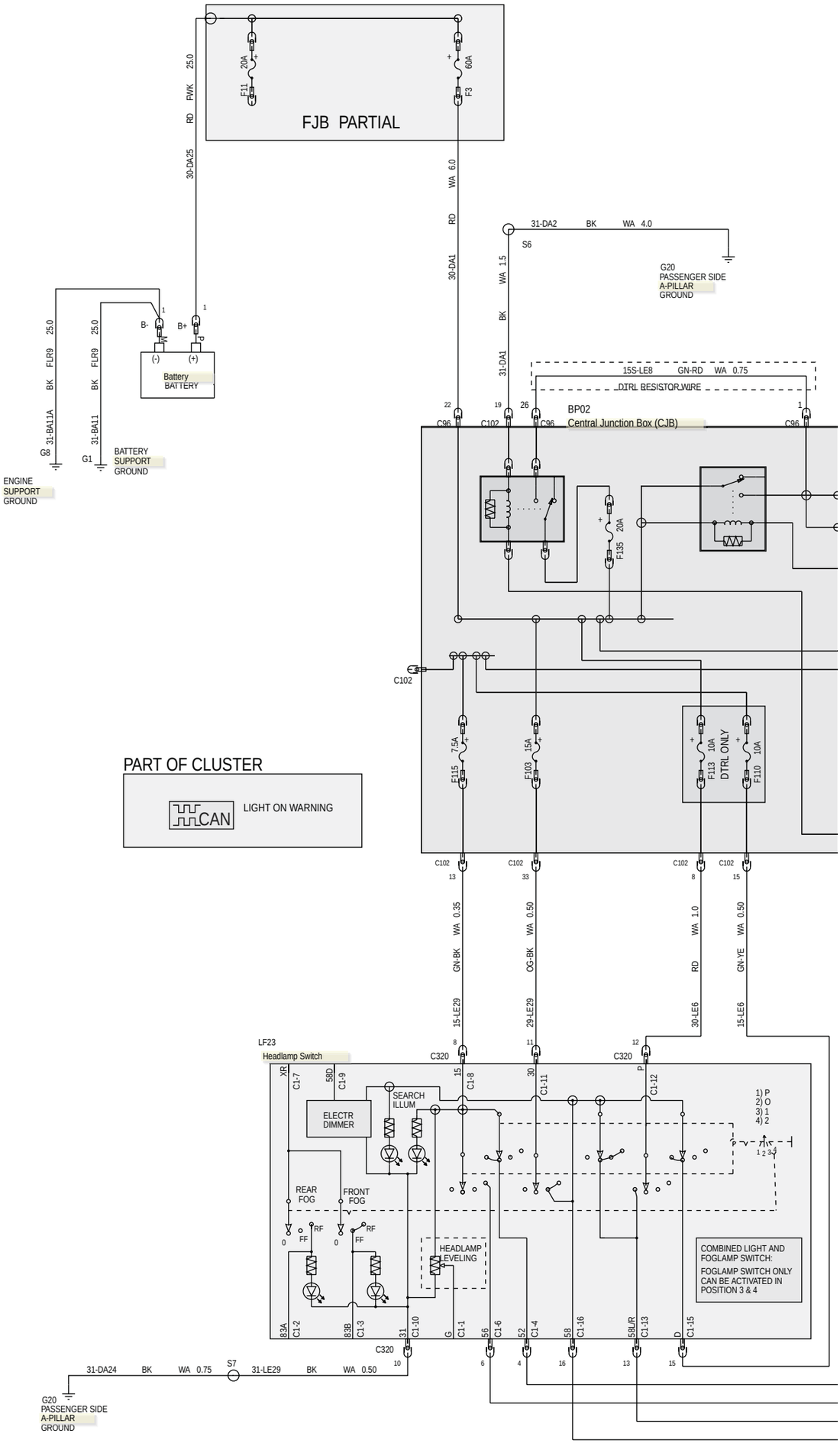
**ELECTRICAL SCHEMATICS**

Daytime Running Lamps (DRL)..... 417-04-2

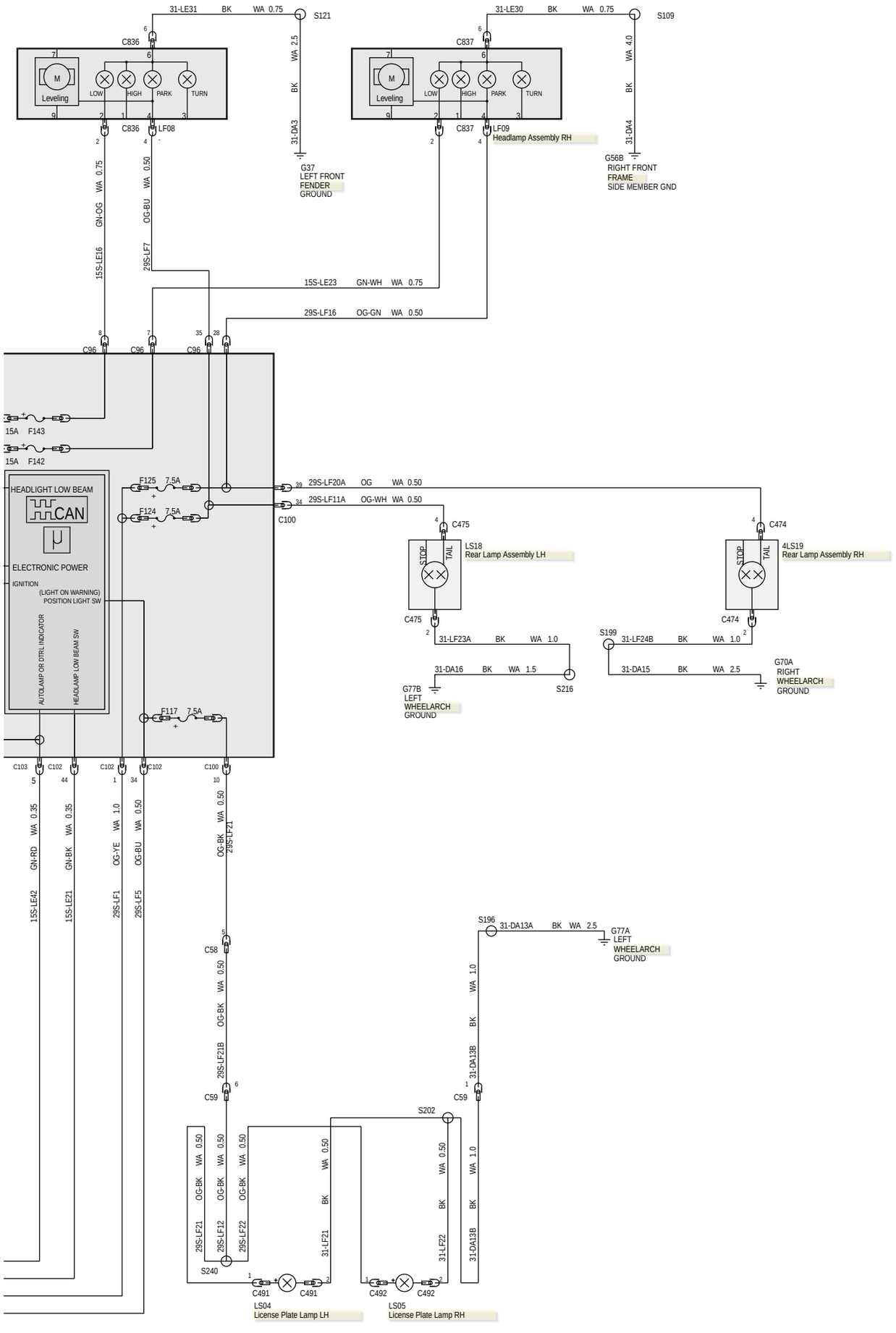
**ELECTRICAL CONNECTORS**

Daytime Running Lamps (DRL) Relay..... 417-04-4

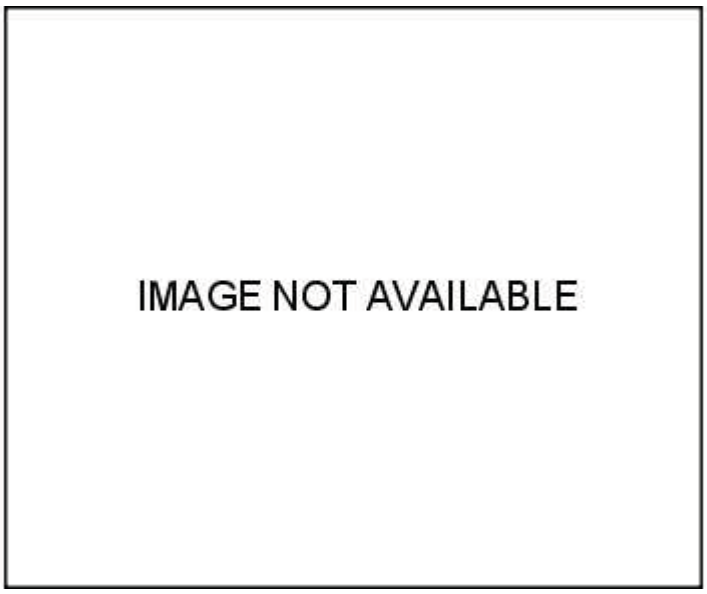
417-04-2 Daytime Running Lamps (DRL)



417-04-3 Daytime Running Lamps (DRL)



Daytime Running Lamps (DRL) Relay (G1313058)



# SECTION 418-00 Module Communications Network

## VEHICLE APPLICATION: 2011.0 Kuga

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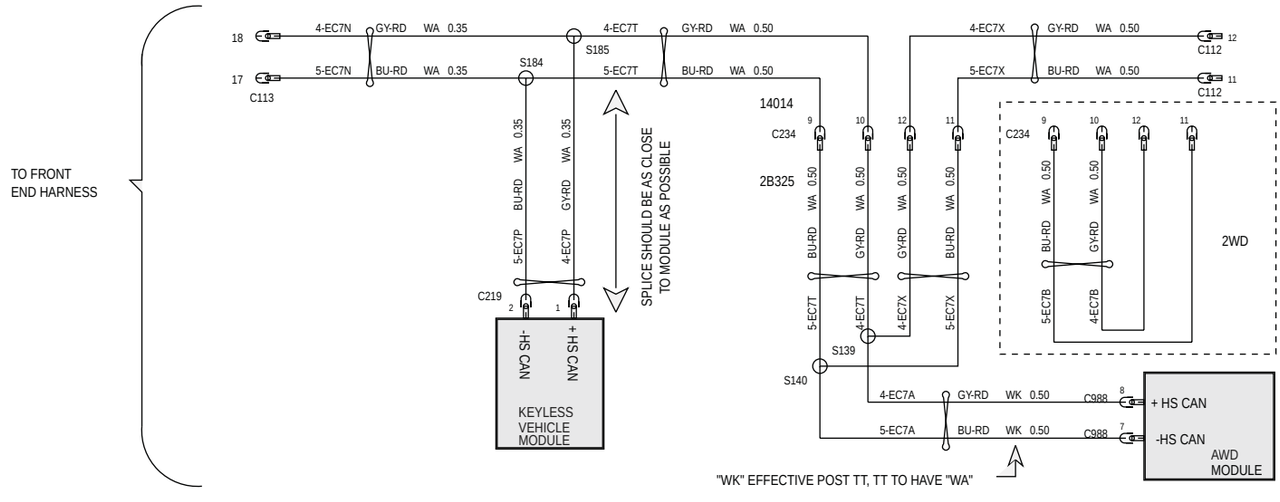
### ELECTRICAL SCHEMATICS

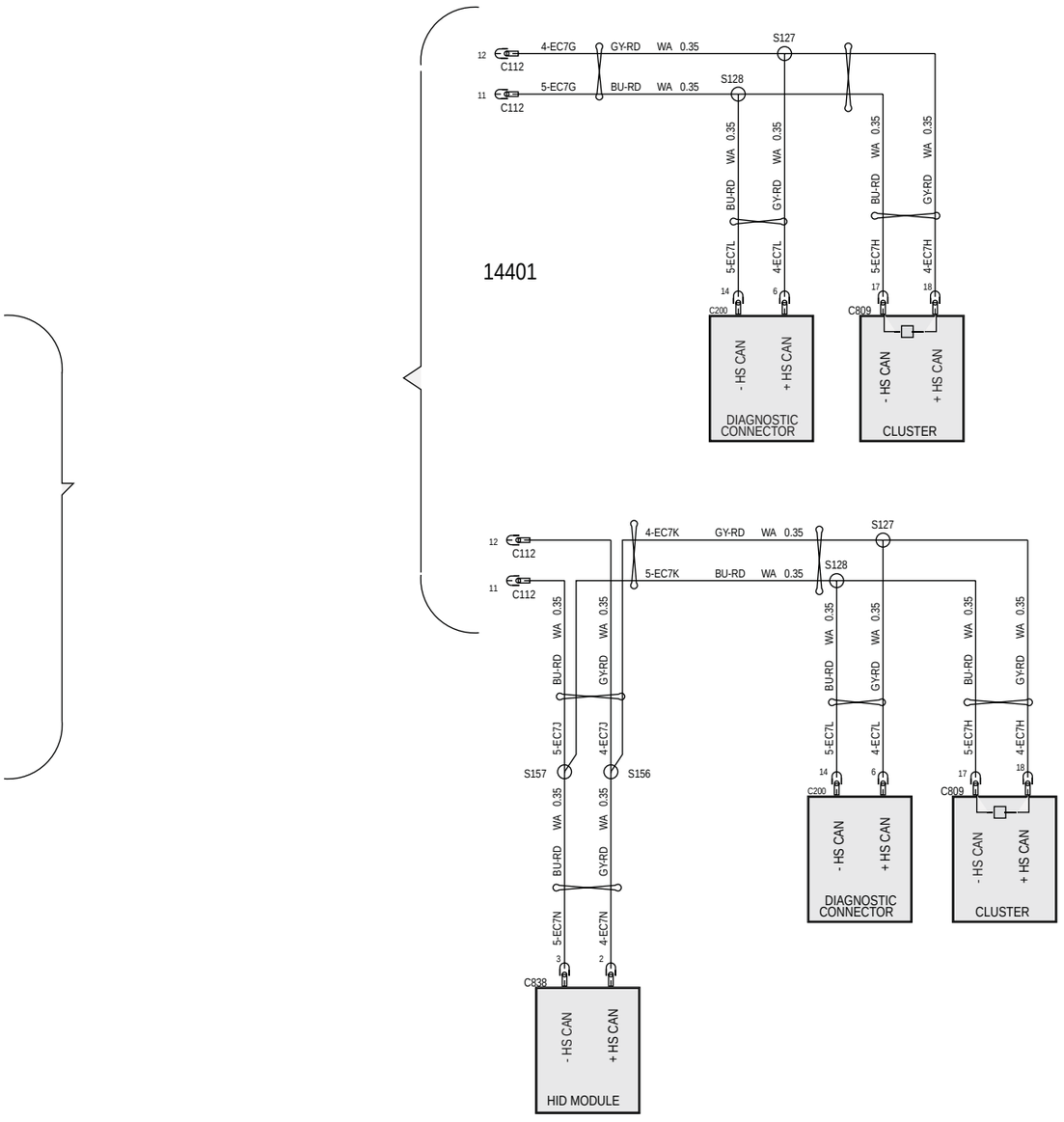
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Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus — 2.5L Duratec (147kW/200PS) - VI5, Vehicles With: 6-Speed Manual Transaxle - M66 AWD... 418-00-6
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Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus — 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6, Emission Requirements: Stage V AWD/FWD..... 418-00-18
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Communications Network - Mid-Speed (MS) Controller Area Network (CAN) Bus — LHD 4WD/LHD FWD..... 418-00-30
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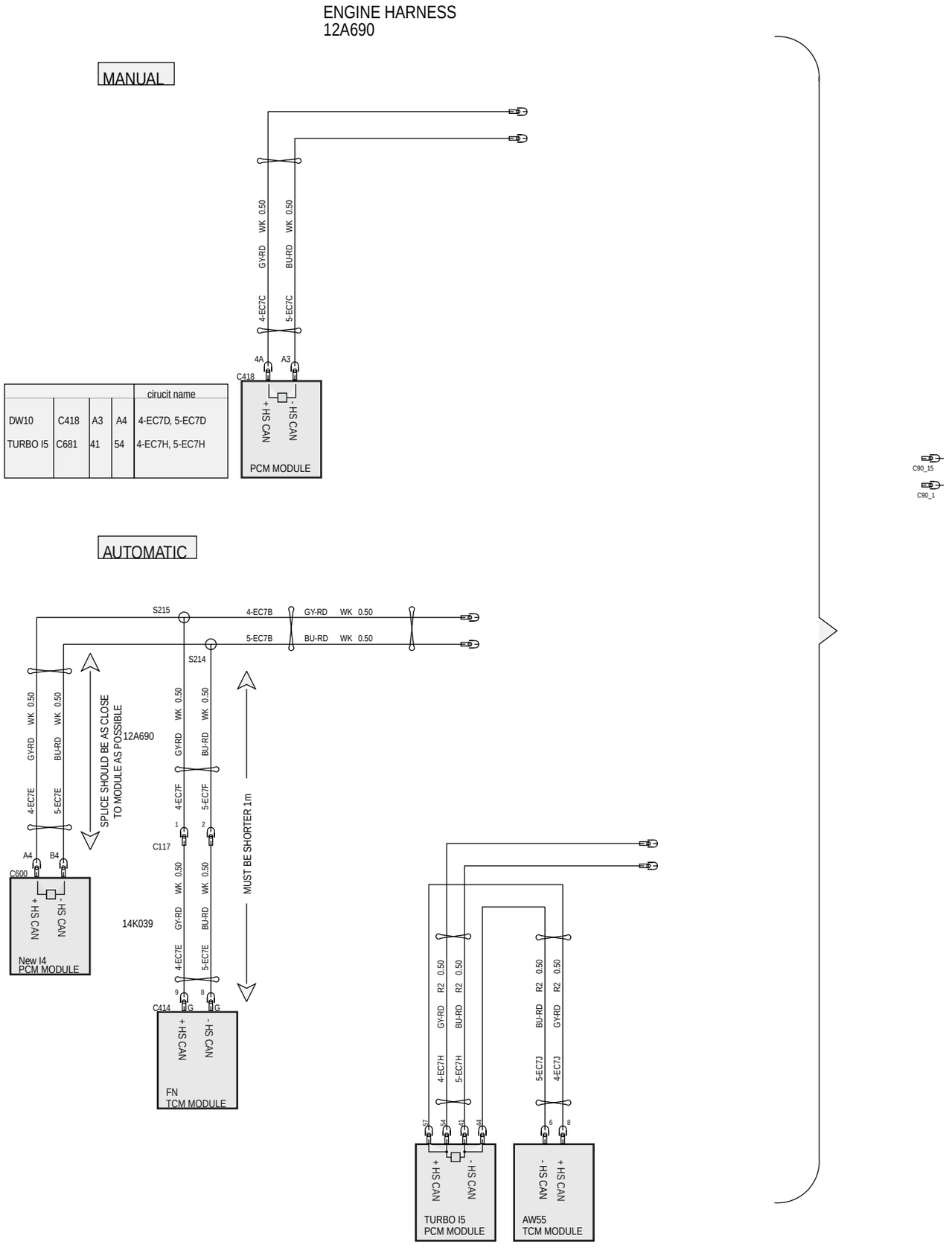
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Central Junction Box (CJB)..... 418-00-40
Central Junction Box (CJB)..... 418-00-40
Central Junction Box (CJB)..... 418-00-41
Data Link Connector (DLC)..... 418-00-41

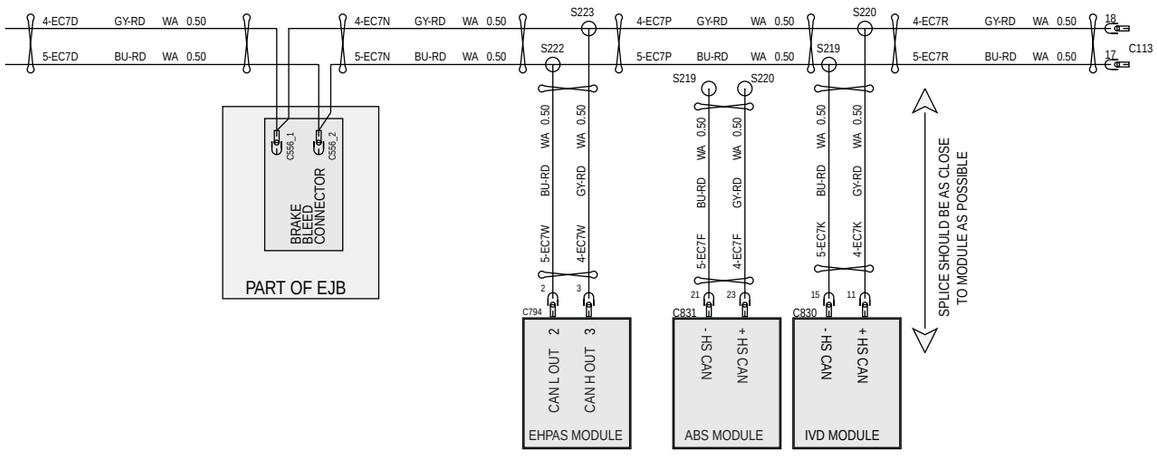
418-00-2 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5




14401
12
C112
11
C112
4-EC7G
GY-RD
WA 0.35
5-EC7G
BU-RD
WA 0.35
S127
S128
5-EC7L
4-EC7L
5-EC7H
4-EC7H
C200
C809
- HS CAN
+ HS CAN
DIAGNOSTIC CONNECTOR
CLUSTER
4-EC7K
5-EC7K
5-EC7J
4-EC7J
S157
S156
5-EC7N
4-EC7N
C838
HID MODULE

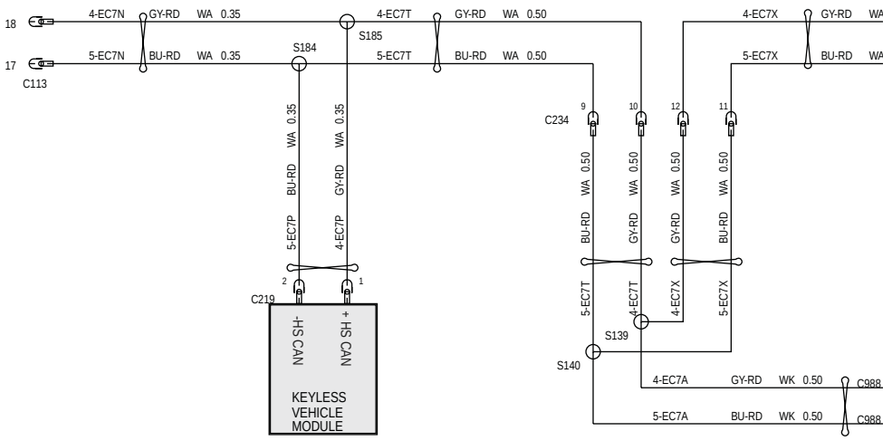

ENGINE HARNESS
12A690
MANUAL
4-EC7C GY-RD 0.50 WK
5-EC7C BU-RD 0.50 WK
4A
A3
C418
+ HS CAN
- HS CAN
PCM MODULE
cirucit name
DW10 C418 A3 A4 4-EC7D, 5-EC7D
TURBO I5 C681 41 54 4-EC7H, 5-EC7H
C90_15
C90_1
AUTOMATIC
S215
S214
4-EC7B GY-RD 0.50 WK
5-EC7B BU-RD 0.50 WK
12A690
SPLICE SHOULD BE AS CLOSE TO MODULE AS POSSIBLE
4-EC7E GY-RD 0.50 WK
5-EC7E BU-RD 0.50 WK
A4
B4
C600
New I4 PCM MODULE
C117
4-EC7F GY-RD 0.50 WK
5-EC7F BU-RD 0.50 WK
MUST BE SHORTER 1m
14K039
4-EC7E GY-RD 0.50 WK
5-EC7E BU-RD 0.50 WK
C414
FN TCM MODULE
4-EC7H GY-RD R2 0.50
5-EC7H BU-RD R2 0.50
TURBO I5 PCM MODULE
5-EC7J BU-RD R2 0.50
4-EC7J GY-RD R2 0.50
AW55 TCM MODULE

418-00-5 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5

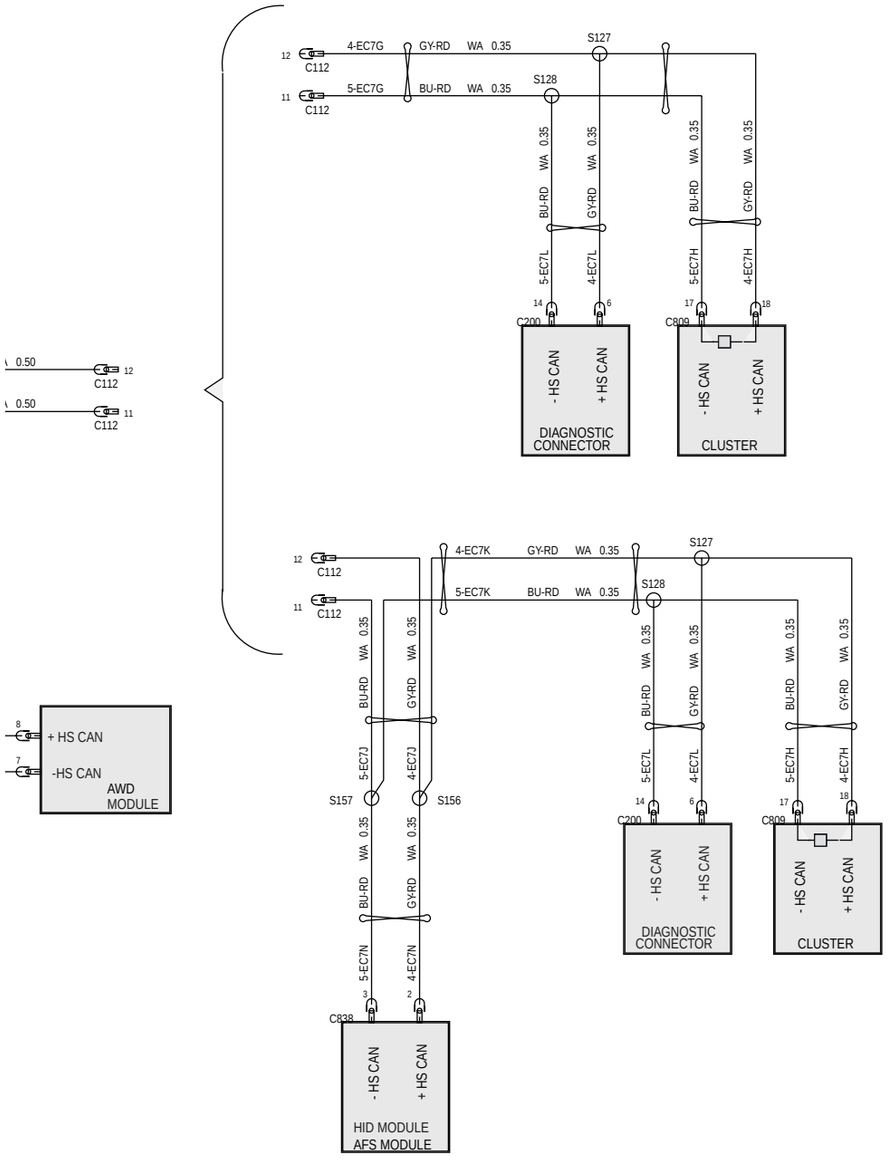


418-00-6 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5, Vehicles With:

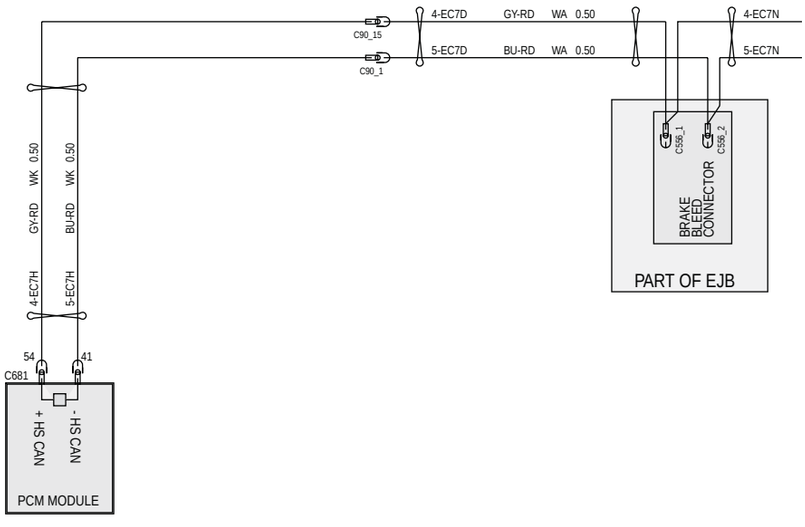
6-Speed Manual Transaxle - M66 AWD



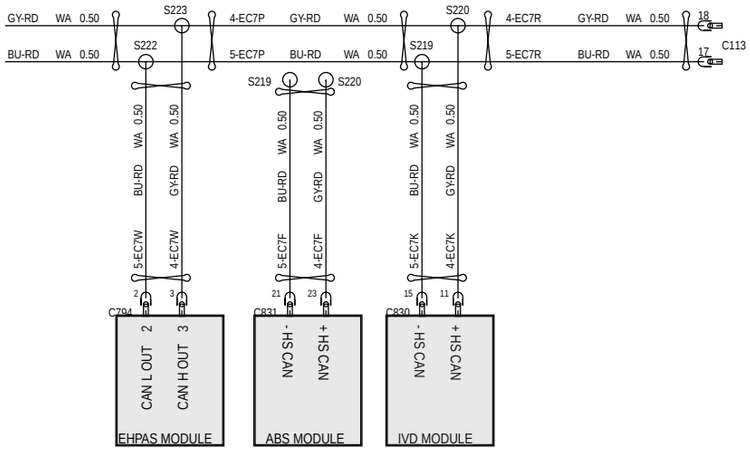
418-00-7 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5, Vehicles With:
6-Speed Manual Transaxle - M66 AWD



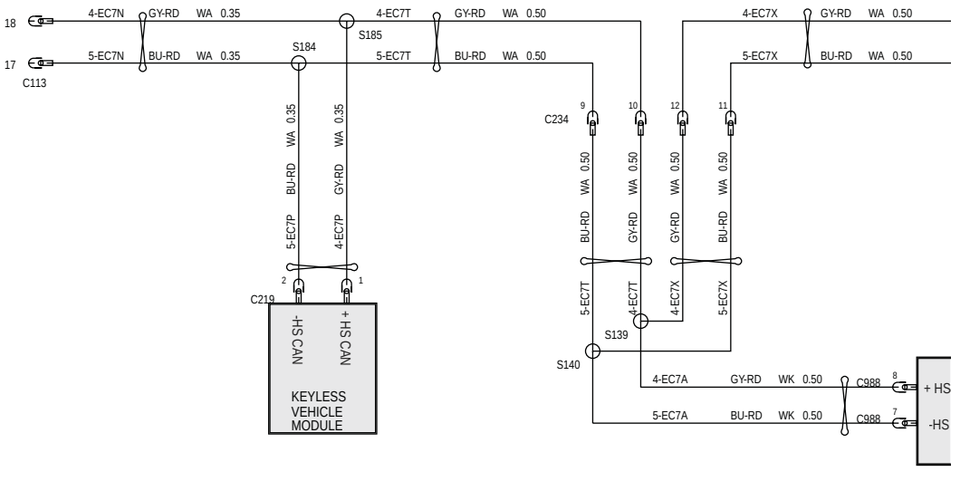
418-00-8 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5, Vehicles With:
6-Speed Manual Transaxle - M66 AWD



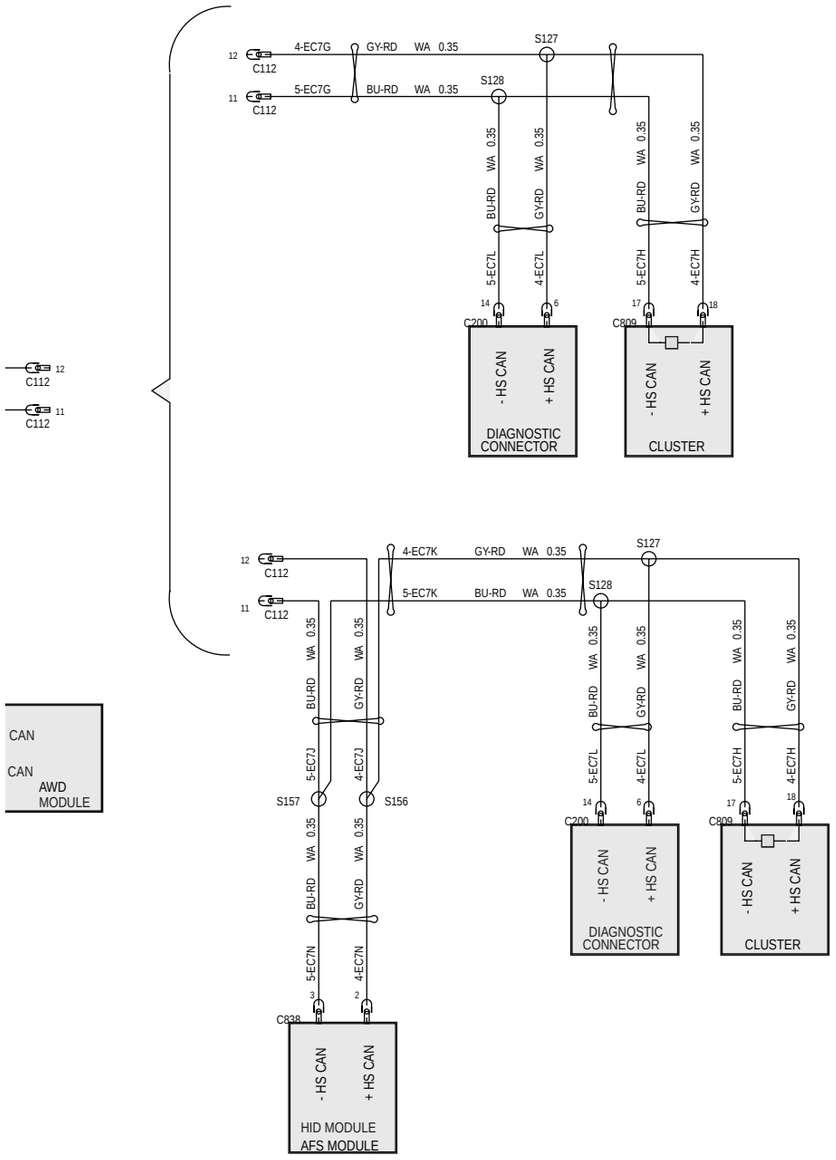
418-00-9 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5, Vehicles With:
6-Speed Manual Transaxle - M66 AWD



418-00-10 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5, Vehicles With:
5-Speed Automatic Transaxle - AW55 AWD

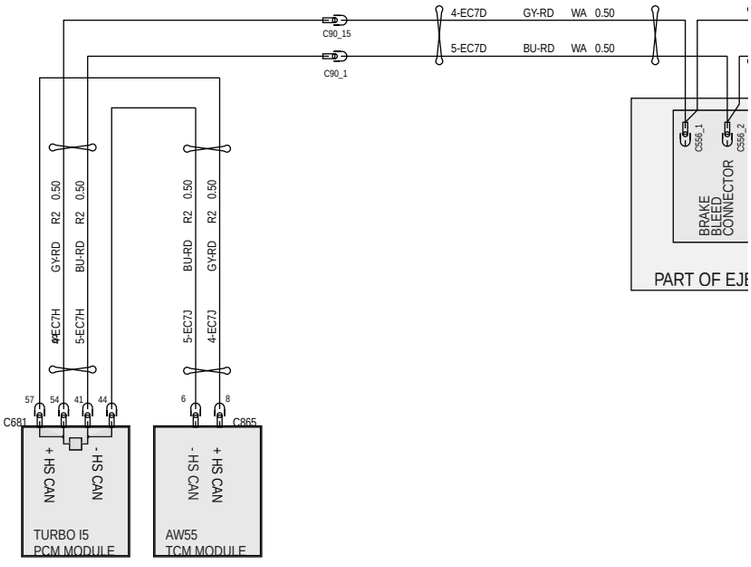


418-00-11 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5, Vehicles With:
5-Speed Automatic Transaxle - AW55 AWD

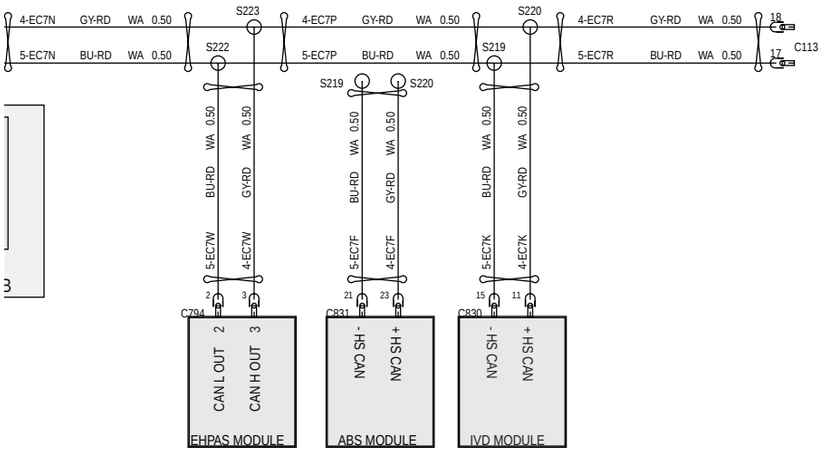


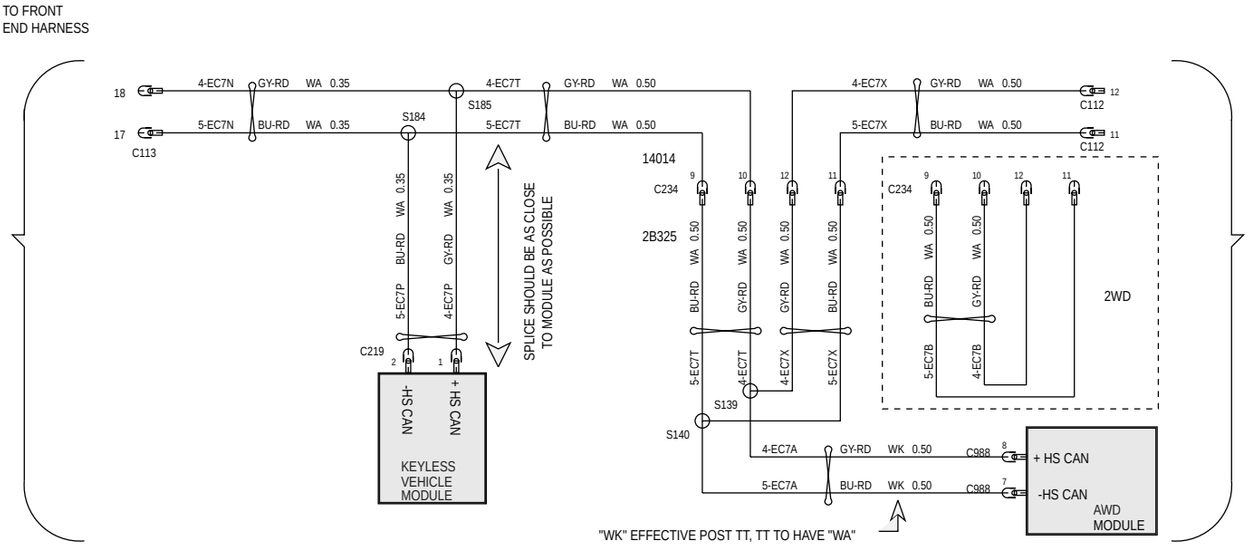
418-00-12 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5, Vehicles With:

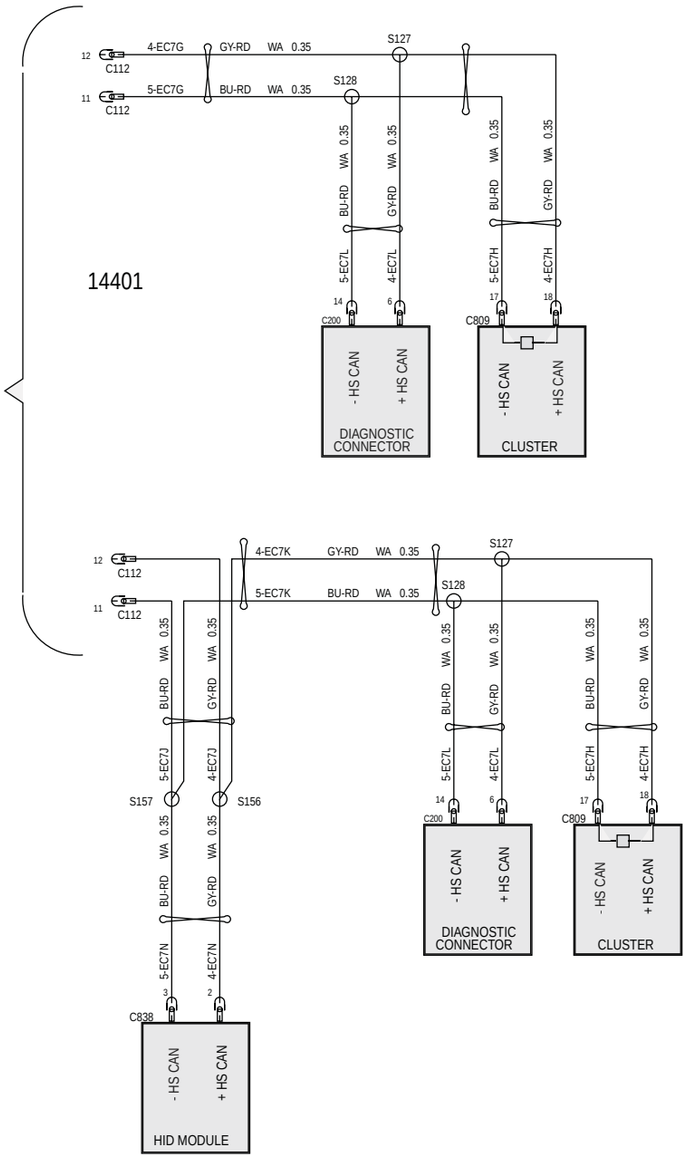
5-Speed Automatic Transaxle - AW55 AWD

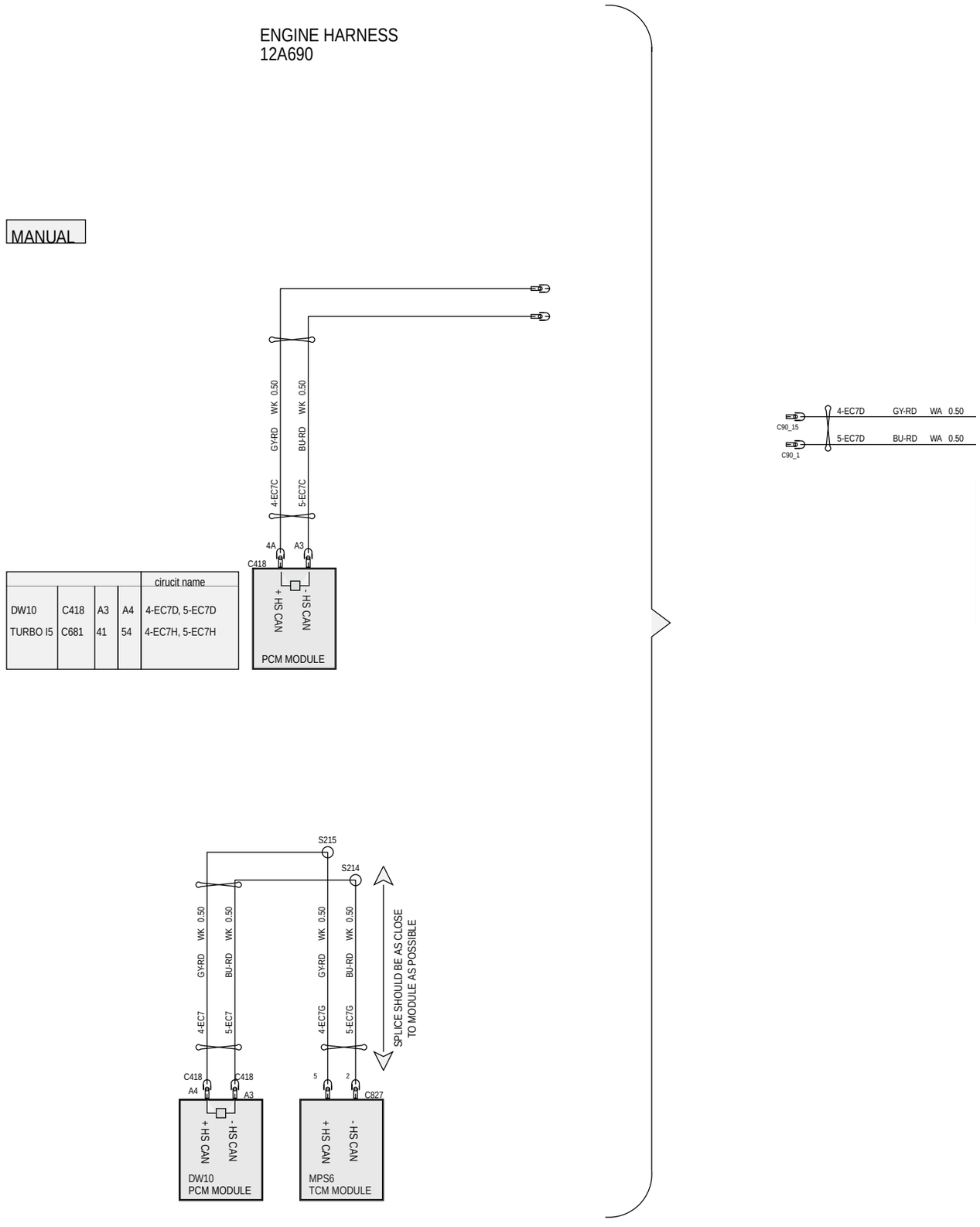


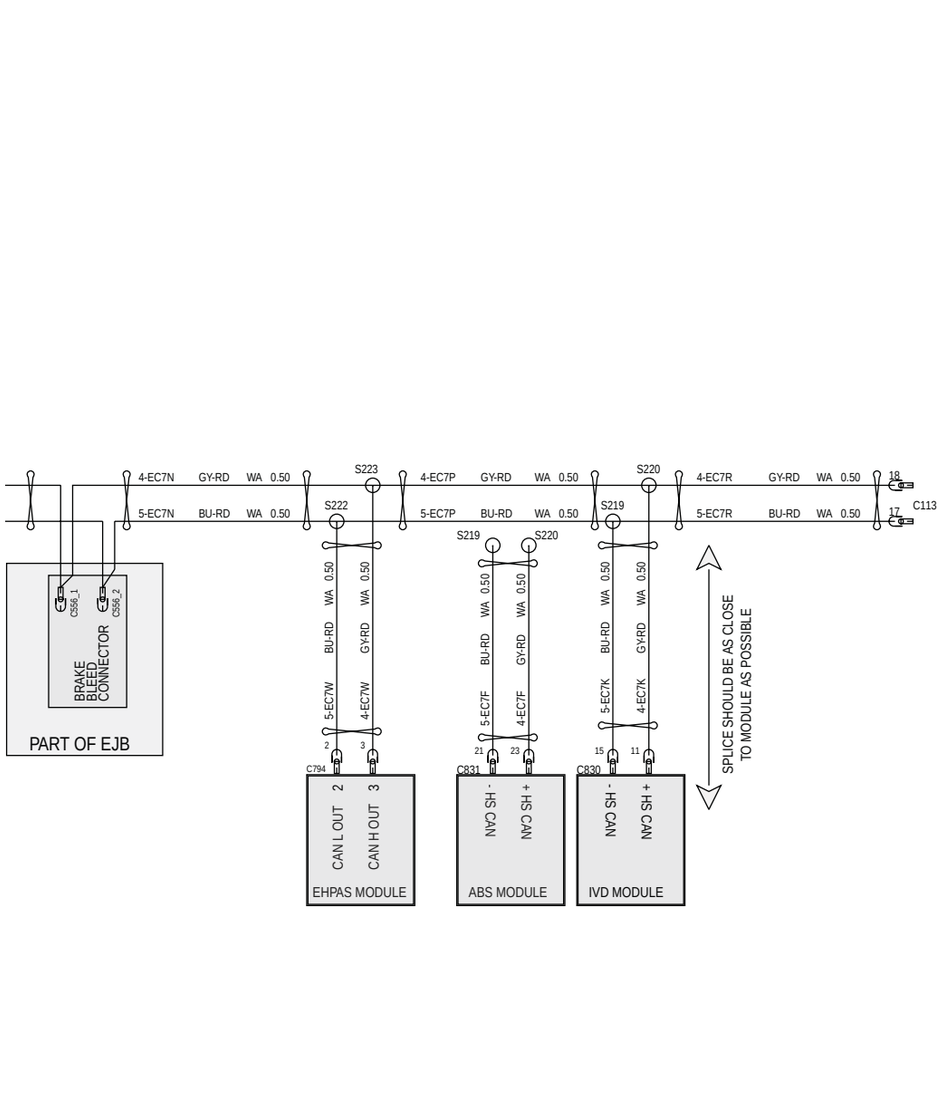
418-00-13 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.5L Duratec (147kW/200PS) - VI5, Vehicles With:
5-Speed Automatic Transaxle - AW55 AWD



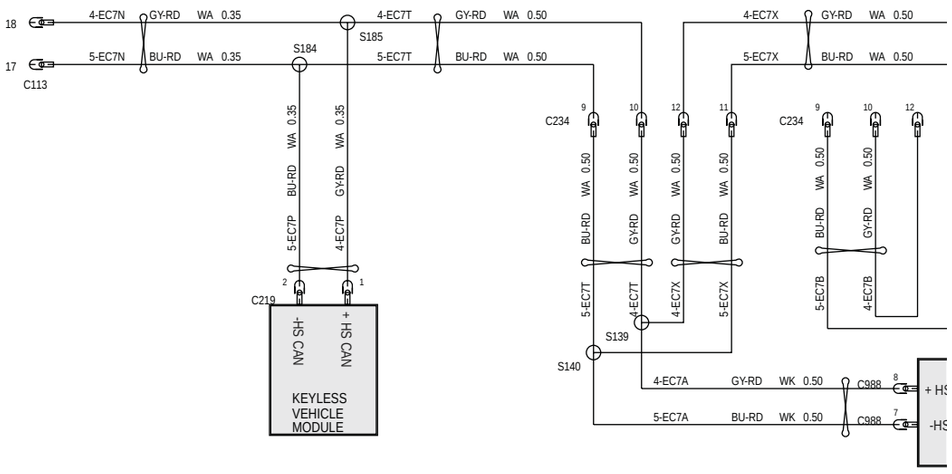

TO FRONT
END HARNESS
18
17
C113
4-EC7N
5-EC7N
GY-RD
BU-RD
WA 0.35
S184
4-EC7T
5-EC7T
S185
GY-RD
BU-RD
WA 0.50
SPLICE SHOULD BE AS CLOSE
TO MODULE AS POSSIBLE
14014
C234
2B325
4-EC7X
5-EC7X
C112
12
11
2WD
5-EC7P
4-EC7P
C219
2
1
-HS CAN
+ HS CAN
KEYLESS
VEHICLE
MODULE
5-EC7T
4-EC7T
4-EC7X
5-EC7X
S139
S140
4-EC7A
5-EC7A
WK 0.50
C988
8
7
+ HS CAN
-HS CAN
AWD
MODULE
5-EC7B
4-EC7B
"WK" EFFECTIVE POST TT, TT TO HAVE "WA"


14401
12
C112
4-EC7G
GY-RD
WA 0.35
11
C112
5-EC7G
BU-RD
WA 0.35
S127
S128
WA 0.35
BU-RD
5-EC7L
WA 0.35
GY-RD
4-EC7L
WA 0.35
BU-RD
5-EC7H
WA 0.35
GY-RD
4-EC7H
14
6
C200
17
18
C809
- HS CAN
+ HS CAN
DIAGNOSTIC CONNECTOR
- HS CAN
+ HS CAN
CLUSTER
12
C112
4-EC7K
GY-RD
WA 0.35
11
C112
5-EC7K
BU-RD
WA 0.35
S127
S128
WA 0.35
BU-RD
5-EC7J
WA 0.35
GY-RD
4-EC7J
S157
S156
WA 0.35
BU-RD
5-EC7N
WA 0.35
GY-RD
4-EC7N
3
2
C838
WA 0.35
BU-RD
5-EC7L
WA 0.35
GY-RD
4-EC7L
WA 0.35
BU-RD
5-EC7H
WA 0.35
GY-RD
4-EC7H
14
6
C200
17
18
C809
- HS CAN
+ HS CAN
DIAGNOSTIC CONNECTOR
- HS CAN
+ HS CAN
CLUSTER
- HS CAN
+ HS CAN
HID MODULE

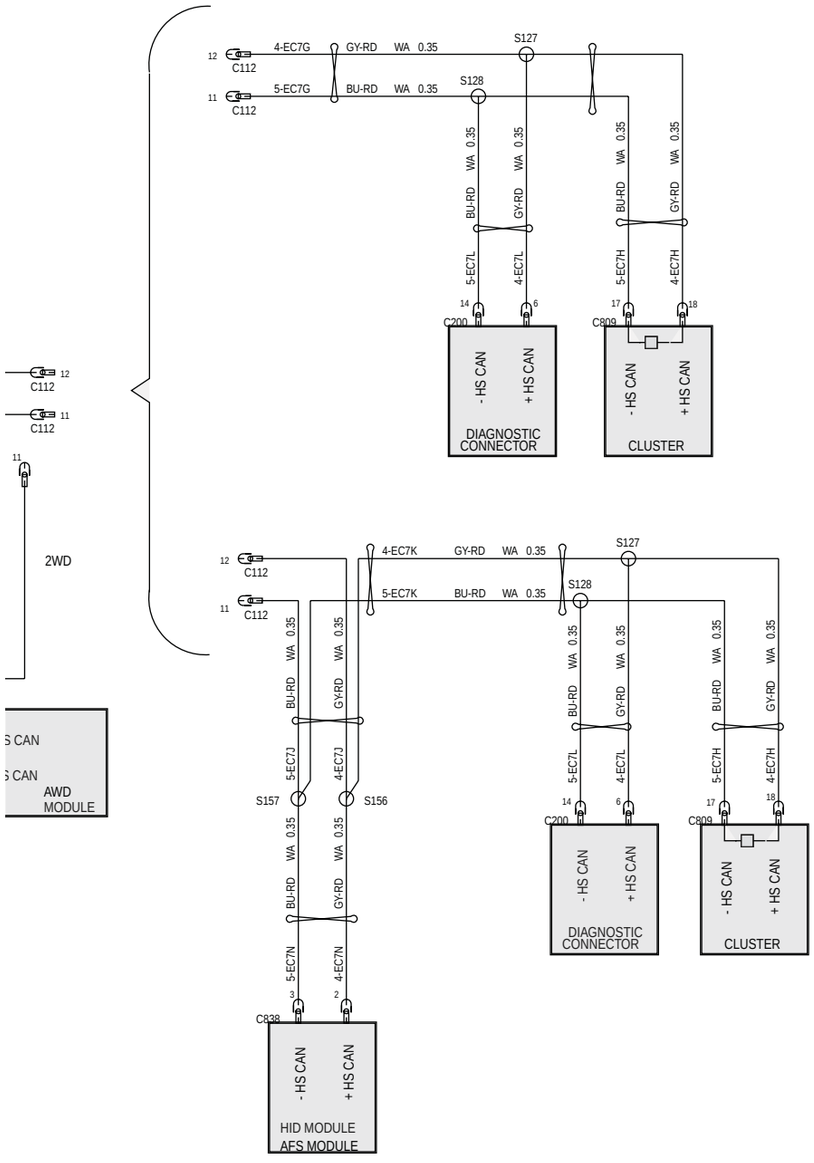

ENGINE HARNESS
12A690
MANUAL
WK 0.50
GY-RD
BU-RD
4-EC7C
5-EC7C
4A
A3
C418
+ HS CAN
- HS CAN
PCM MODULE
cirucit name
DW10 C418 A3 A4 4-EC7D, 5-EC7D
TURBO I5 C681 41 54 4-EC7H, 5-EC7H
C90_15
C90_1
4-EC7D GY-RD WA 0.50
5-EC7D BU-RD WA 0.50
S215
S214
4-EC7
5-EC7
4-EC7G
5-EC7G
SPLICE SHOULD BE AS CLOSE
TO MODULE AS POSSIBLE
A4
C827
DW10
PCM MODULE
MPS6
TCM MODULE


TO FLOOR HARNESS
ALL VARIANTS EXCEPT CCM
4-EC7N GY-RD WA 0.50
5-EC7N BU-RD WA 0.50
S223
S222
4-EC7P GY-RD WA 0.50
5-EC7P BU-RD WA 0.50
S220
S219
4-EC7R GY-RD WA 0.50
5-EC7R BU-RD WA 0.50
18
17
C113
C356_1
C356_2
BRAKE BLEED CONNECTOR
PART OF EJB
5-EC7W BU-RD WA 0.50
4-EC7W GY-RD WA 0.50
5-EC7F BU-RD WA 0.50
4-EC7F GY-RD WA 0.50
5-EC7K BU-RD WA 0.50
4-EC7K GY-RD WA 0.50
SPLICE SHOULD BE AS CLOSE TO MODULE AS POSSIBLE
C794
2
3
CAN L OUT
CAN H OUT
EHPAS MODULE
C831
21
23
- HS CAN
+ HS CAN
ABS MODULE
C830
15
11
- HS CAN
+ HS CAN
IVD MODULE

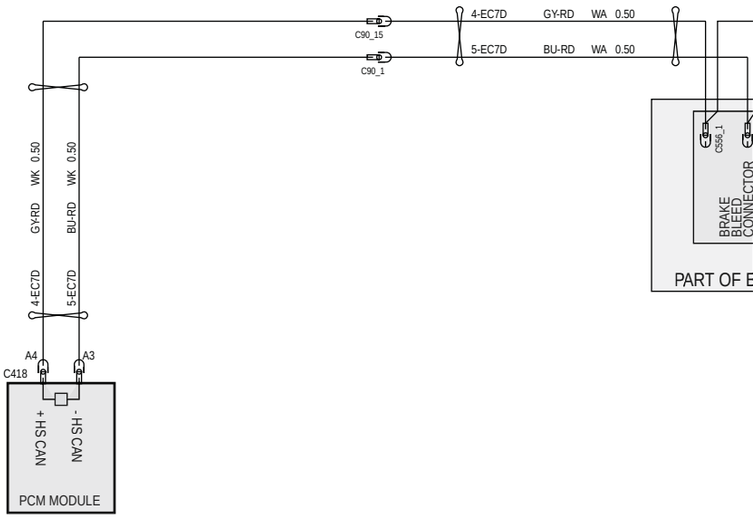
418-00-18 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6, Emission Requirements: Stage V AWD/FWD



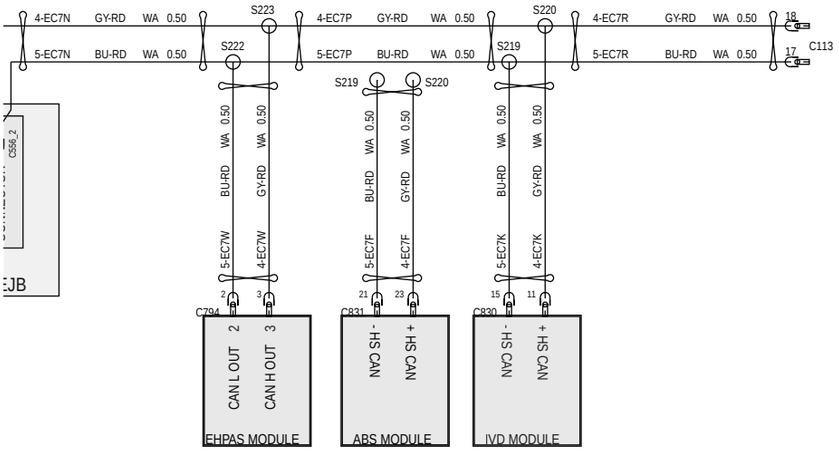
418-00-19 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6, Emission Requirements: Stage V AWD/FWD



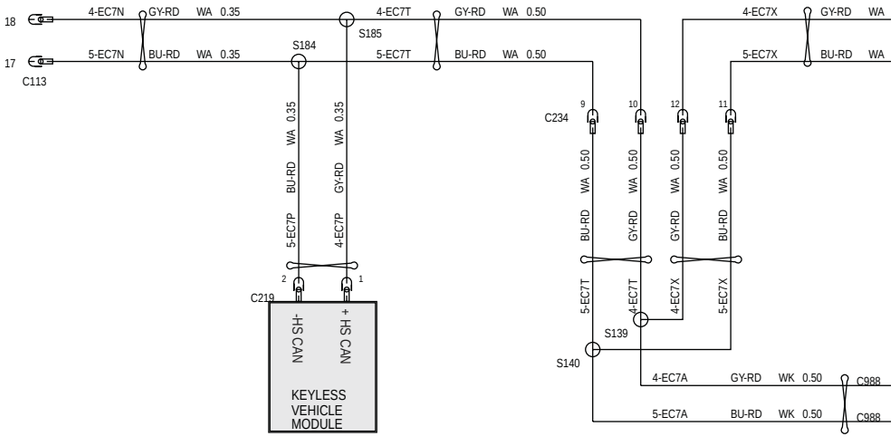
418-00-20 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6, Emission Requirements: Stage V AWD/FWD



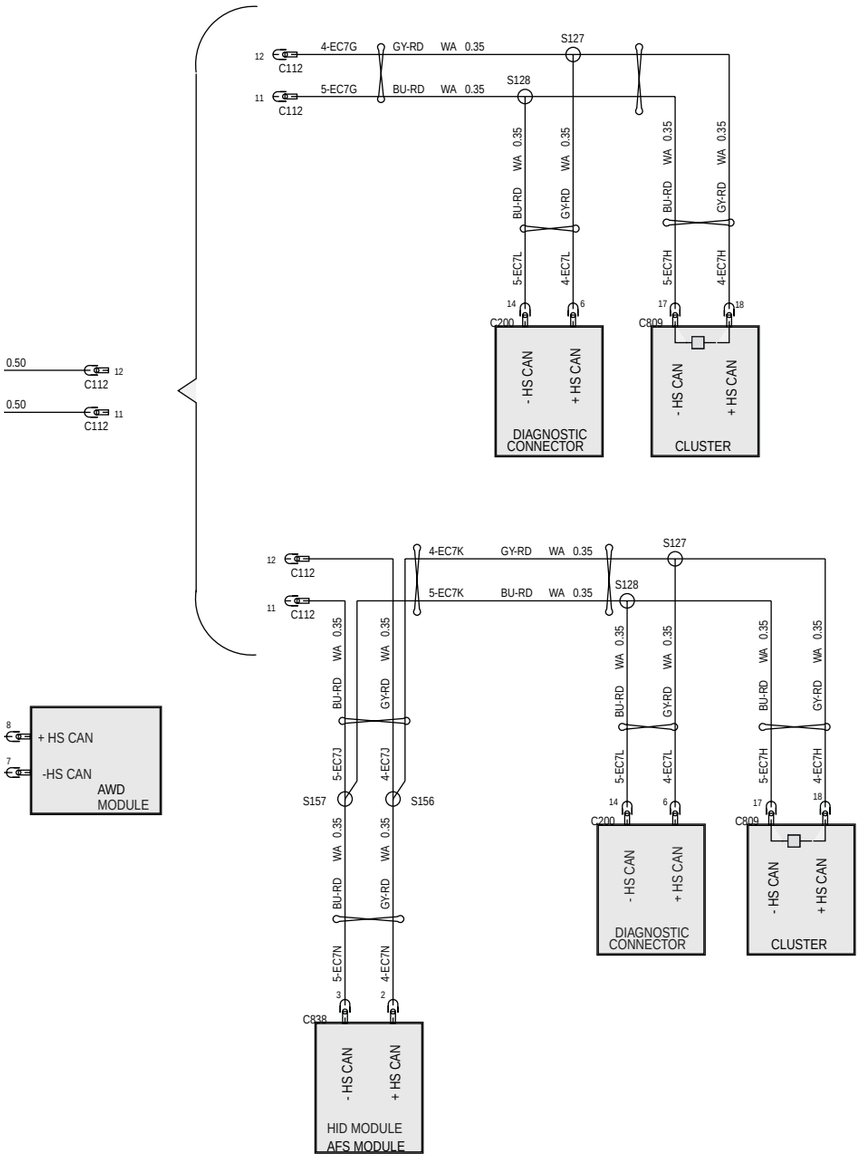
418-00-21 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6, Emission Requirements: Stage V AWD/FWD



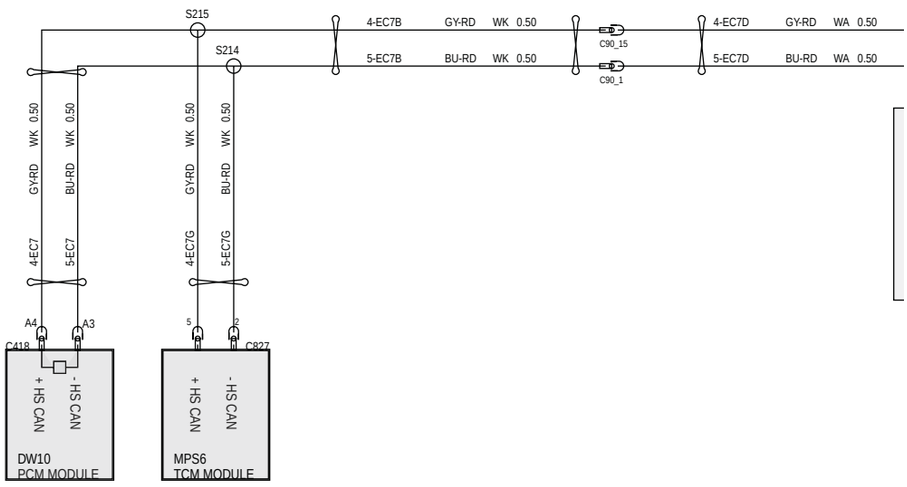
418-00-22 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Automatic Transaxle - 6DCT450, LHD 4WD/RHD 4WD, Emission Requirements: Stage V



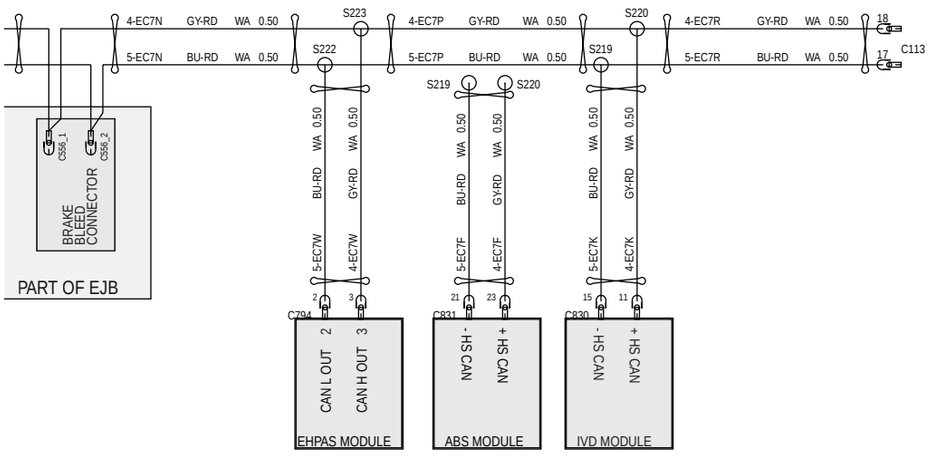
418-00-23 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Automatic Transaxle - 6DCT450, LHD 4WD/RHD 4WD, Emission Requirements: Stage V



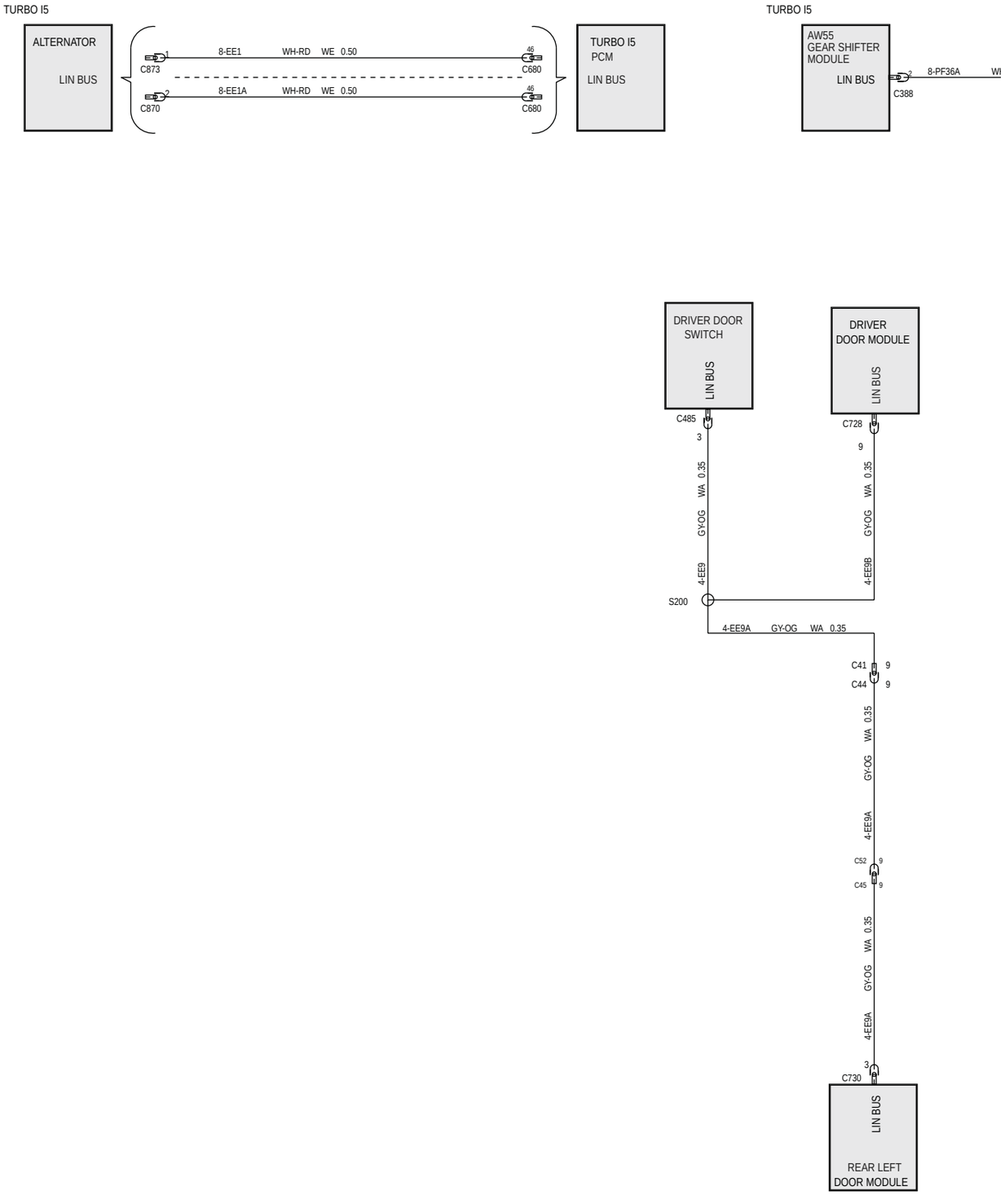
418-00-24 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Automatic Transaxle - 6DCT450, LHD 4WD/RHD 4WD, Emission Requirements: Stage V



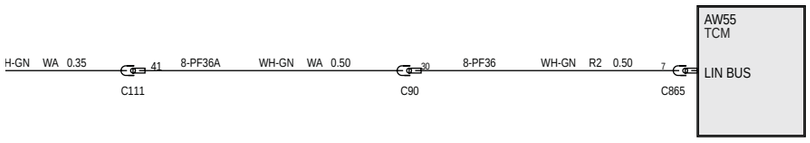
418-00-25 Communications Network - High-Speed (HS) Controller Area Network (CAN) Bus—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Automatic Transaxle - 6DCT450, LHD 4WD/RHD 4WD, Emission Requirements: Stage V

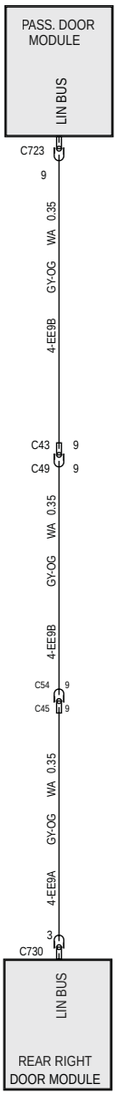


418-00-26 Communications Network - Local Interconnect Network (LIN) Bus—LHD 4WD/LHD FWD

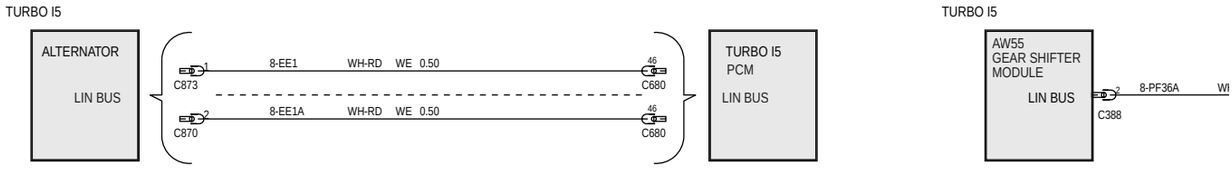


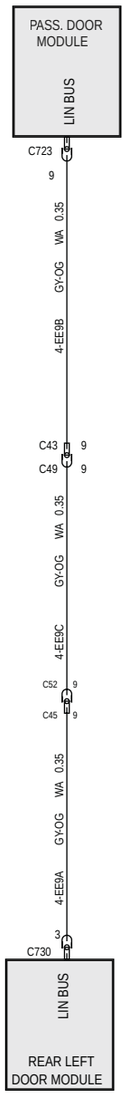
418-00-27 Communications Network - Local Interconnect Network (LIN) Bus—LHD 4WD/LHD FWD



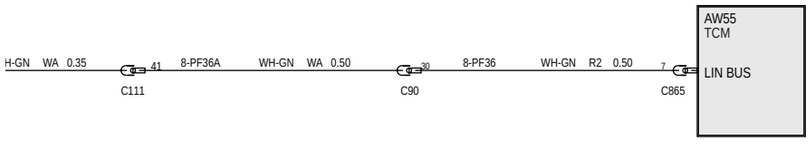



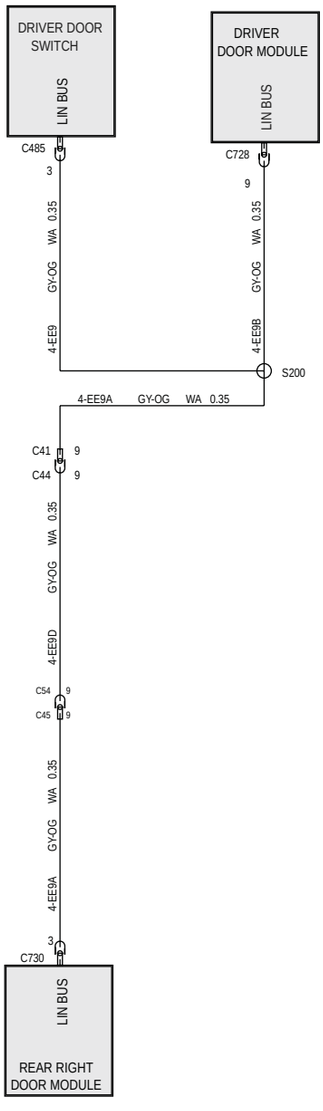
418-00-28 Communications Network - Local Interconnect Network (LIN) Bus—RHD 4WD/RHD FWD



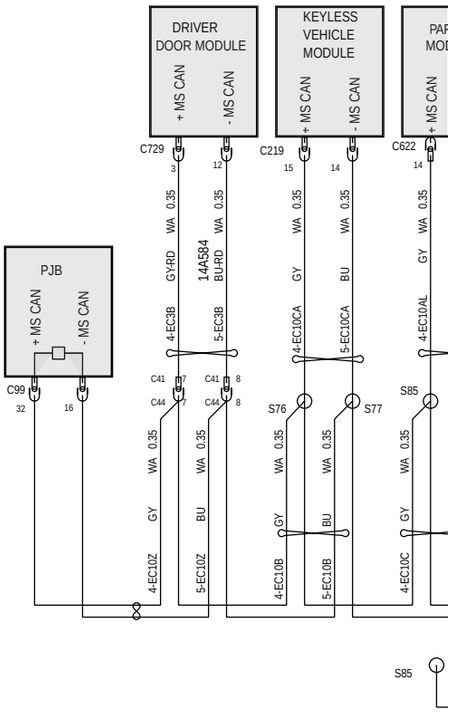



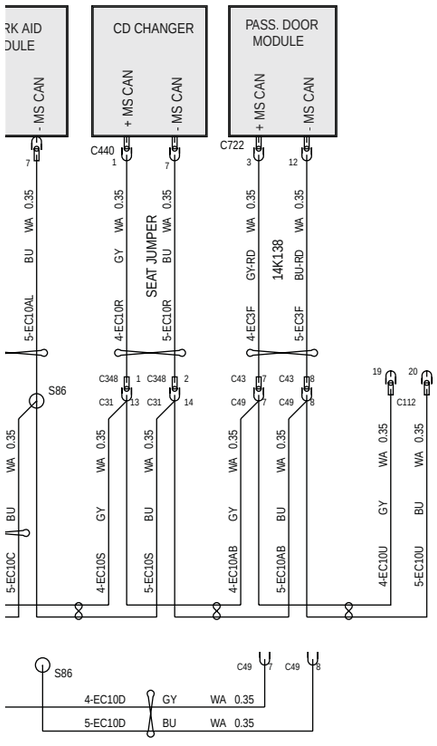
418-00-29 Communications Network - Local Interconnect Network (LIN) Bus—RHD 4WD/RHD FWD



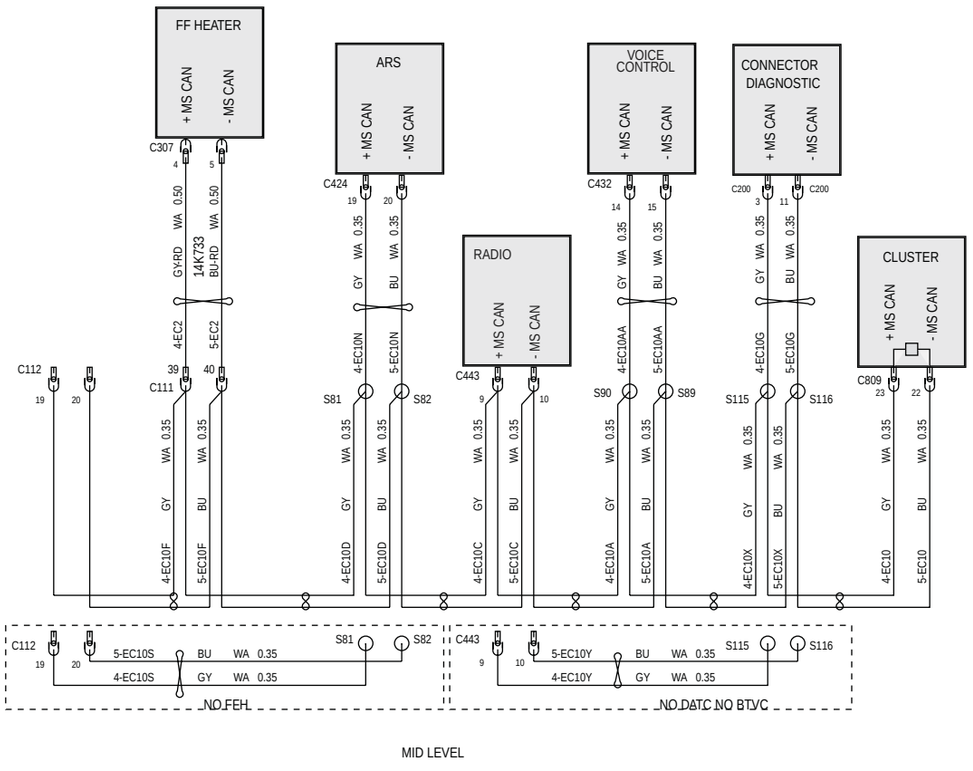



418-00-30 Communications Network - Mid-Speed (MS) Controller Area Network (CAN) Bus—LHD 4WD/LHD FWD

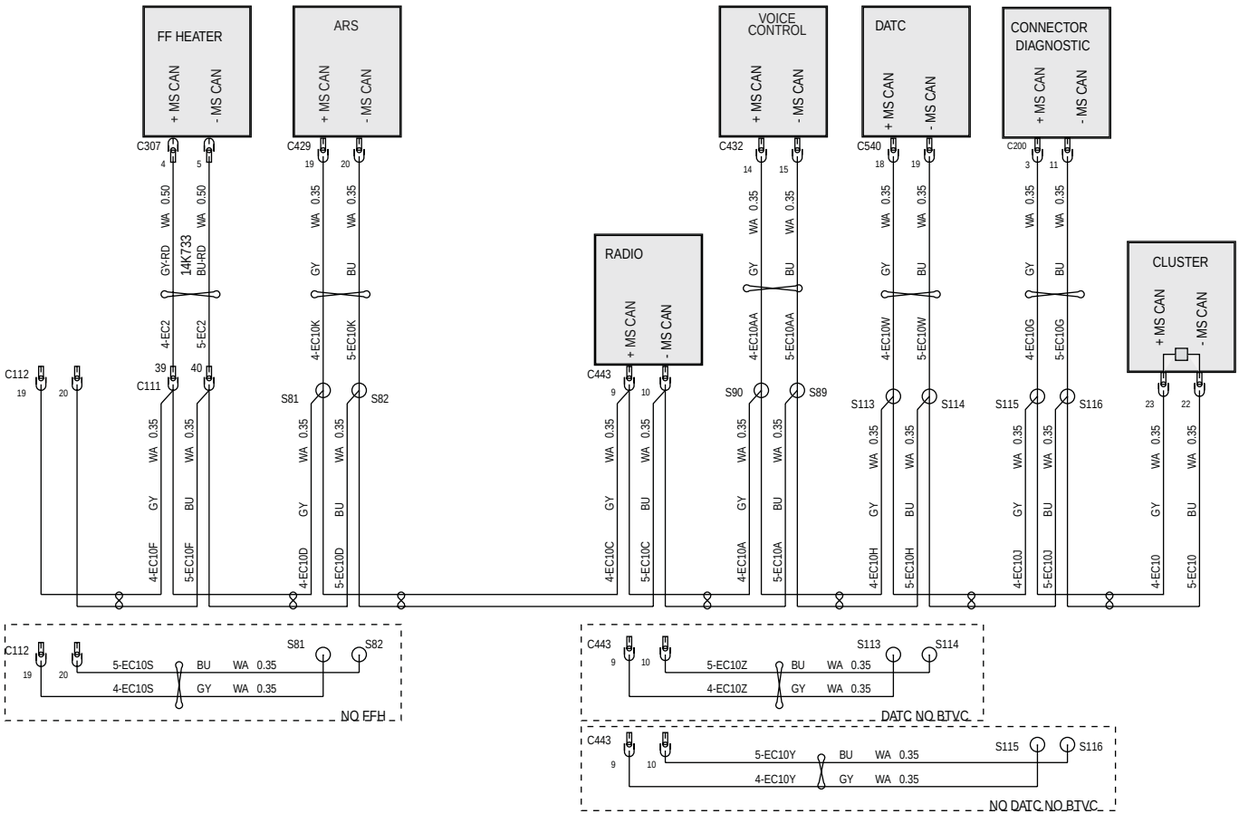



RK AID
DULE
- MS CAN
CD CHANGER
+ MS CAN
- MS CAN
PASS. DOOR
MODULE
+ MS CAN
- MS CAN
C440
C722
SEAT JUMPER
14K138
S86
C348
C31
C43
C49
C112
5-EC10C
4-EC10S
5-EC10S
4-EC10AB
5-EC10AB
4-EC10U
5-EC10U
5-EC10AL
4-EC10R
5-EC10R
4-EC3F
5-EC3F
4-EC10D
5-EC10D
WA 0.35
BU
GY
GY-RD
BU-RD

FLOOR HARNESS 14014 | IP HARNESS 14401

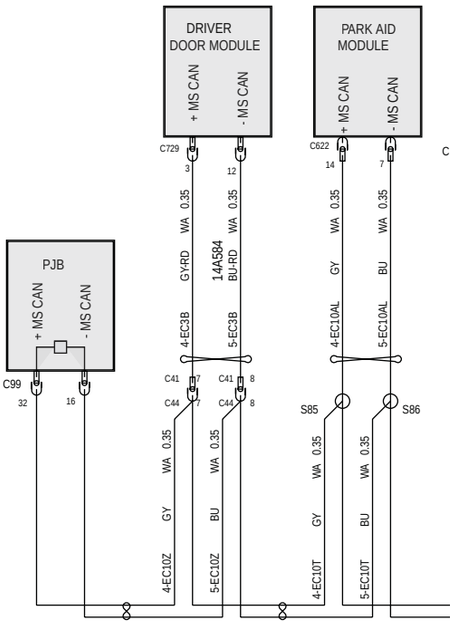


418-00-33 Communications Network - Mid-Speed (MS) Controller Area Network (CAN) Bus—LHD 4WD/LHD FWD

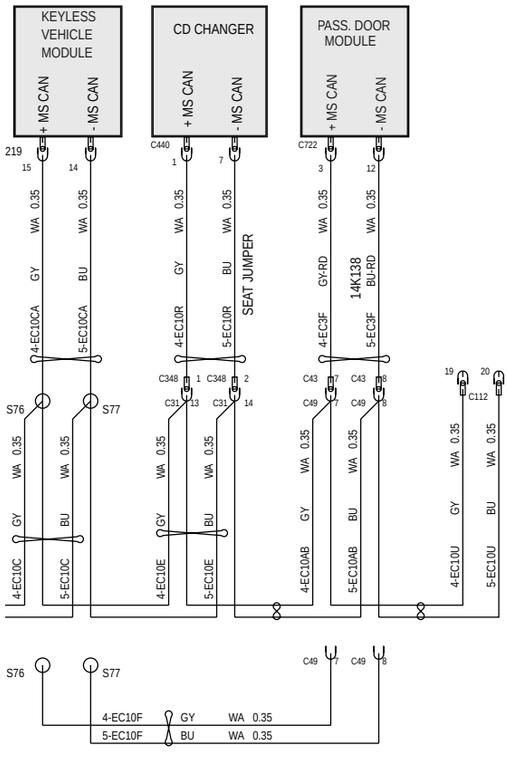



HIGH LEVEL

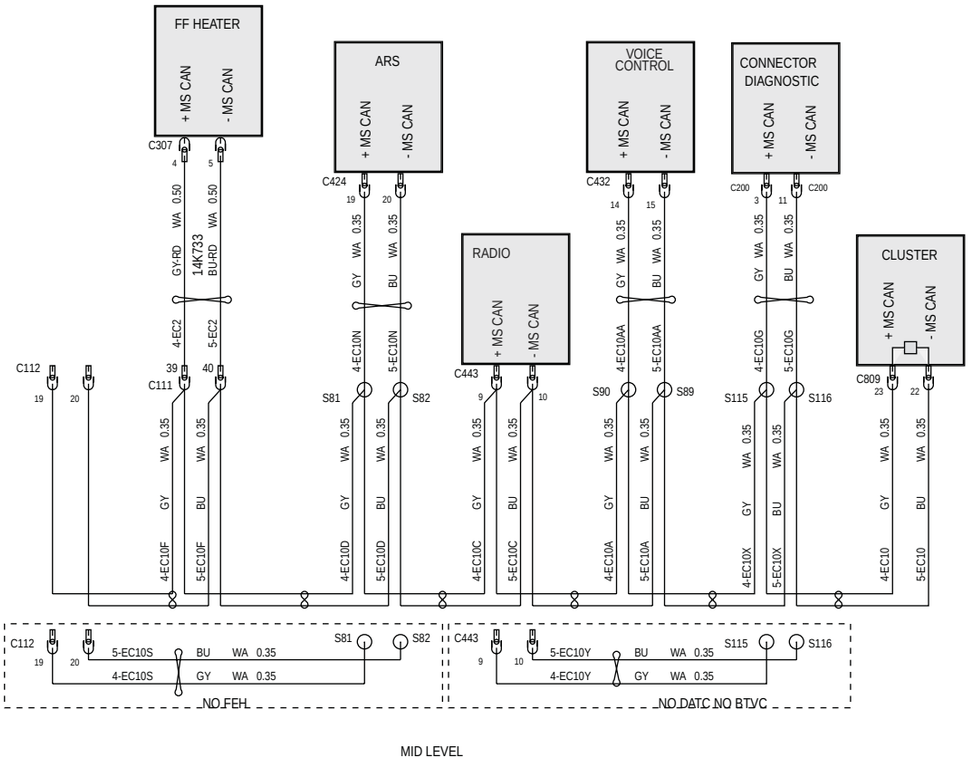
418-00-34 Communications Network - Mid-Speed (MS) Controller Area Network (CAN) Bus—RHD 4WD/RHD FWD

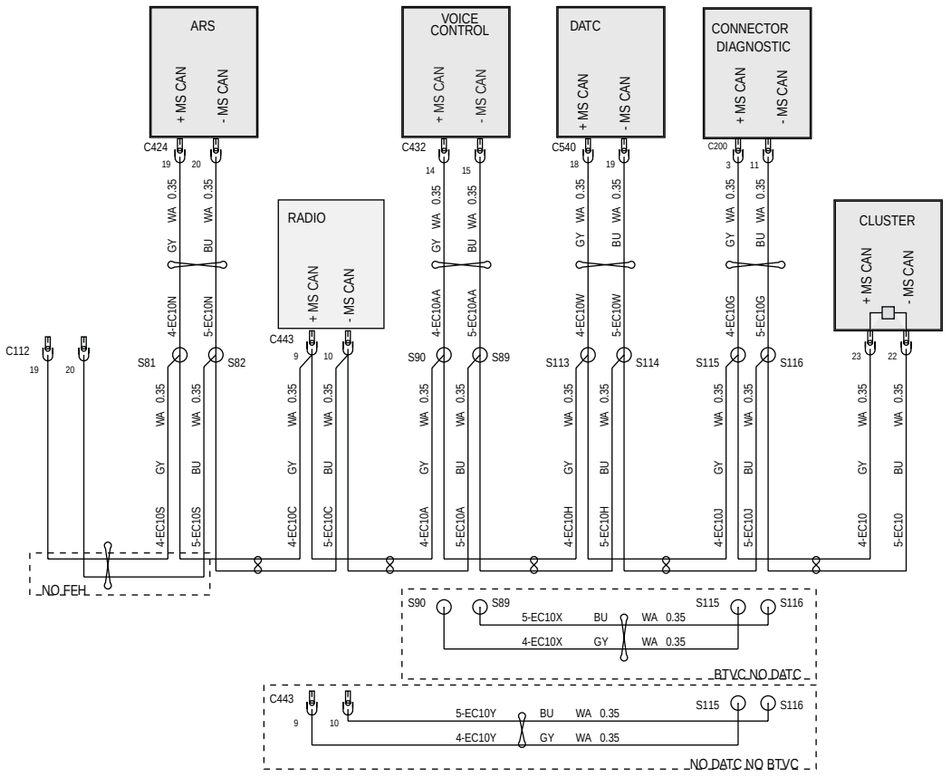


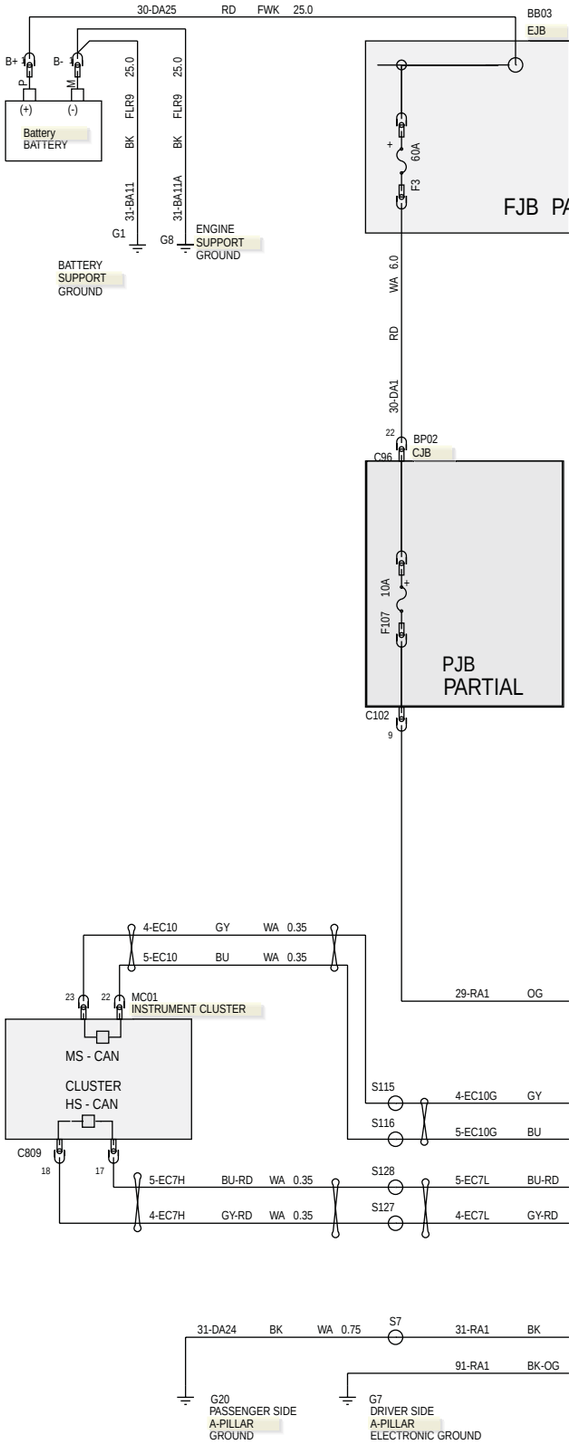
418-00-35 Communications Network - Mid-Speed (MS) Controller Area Network (CAN) Bus—RHD 4WD/RHD FWD



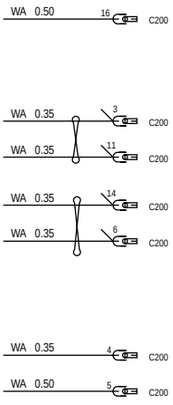
FLOOR HARNESS 14014 | IP HARNESS 14401



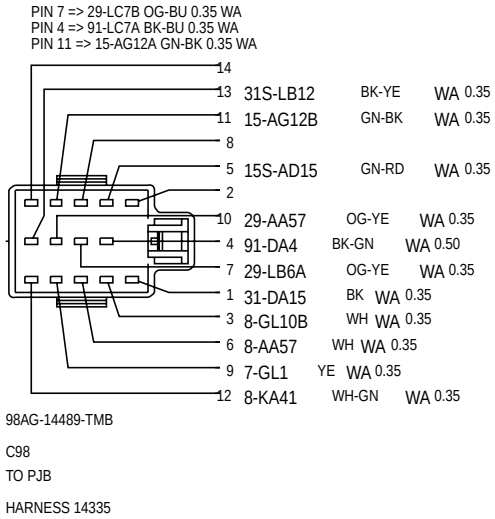

ARS
+ MS CAN
- MS CAN
C424
19
20
VOICE CONTROL
C432
14
15
DATC
C540
18
19
CONNECTOR DIAGNOSTIC
C200
3
11
CLUSTER
23
22
RADIO
C443
9
10
C112
S81
S82
S90
S89
S113
S114
S115
S116
WA 0.35
GY
BU
4-EC10N
5-EC10N
4-EC10AA
5-EC10AA
4-EC10W
5-EC10W
4-EC10G
5-EC10G
4-EC10S
5-EC10S
4-EC10C
5-EC10C
4-EC10A
5-EC10A
4-EC10H
5-EC10H
4-EC10J
5-EC10J
4-EC10
5-EC10
NO FEH
5-EC10X
4-EC10X
BTVC NO DATC
5-EC10Y
4-EC10Y
NO DATC NO BTVC


30-DA25 RD FWK 25.0
BB03
EJB
B+
B-
P
M
(+)
(-)
Battery
BATTERY
25.0 FLR9 BK 31-BA11
25.0 FLR9 BK 31-BA11A
G1
G8
ENGINE
SUPPORT
GROUND
BATTERY
SUPPORT
GROUND
E3
F3
60A
FJB PA
WA 6.0
RD
30-DA1
22
BP02
C96
CJB
E3
F107
10A
PJB
PARTIAL
C102
9
4-EC10 GY WA 0.35
5-EC10 BU WA 0.35
23
22
MC01
INSTRUMENT CLUSTER
29-RA1 OG
MS - CAN
CLUSTER
HS - CAN
S115
4-EC10G GY
S116
5-EC10G BU
C809
18
17
5-EC7H BU-RD WA 0.35
4-EC7H GY-RD WA 0.35
S128
5-EC7L BU-RD
S127
4-EC7L GY-RD
31-DA24 BK WA 0.75
S7
31-RA1 BK
91-RA1 BK-OG
G20
PASSENGER SIDE
A-PILLAR
GROUND
G7
DRIVER SIDE
A-PILLAR
ELECTRONIC GROUND

ARTIAL


WA 0.50
16
C200
WA 0.35
3
C200
WA 0.35
11
C200
WA 0.35
14
C200
WA 0.35
6
C200
WA 0.35
4
C200
WA 0.50
5
C200

## Central Junction Box (CJB) (G1234668)




## Central Junction Box (CJB) (G1240719)

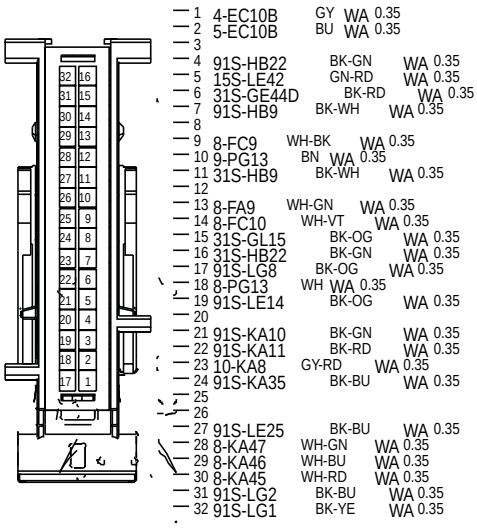
IMAGE NOT AVAILABLE

## Central Junction Box (CJB) (G1240720)

IMAGE NOT AVAILABLE

## Central Junction Box (CJB) (G1240721)

PIN 6 => 31S-GE44 BK-RD 0.35 WA
PIN 6 => 31S-GE44C BK-RD 0.35 WA
PIN 17 => 91S-LG8A BK-OG 0.35 WA

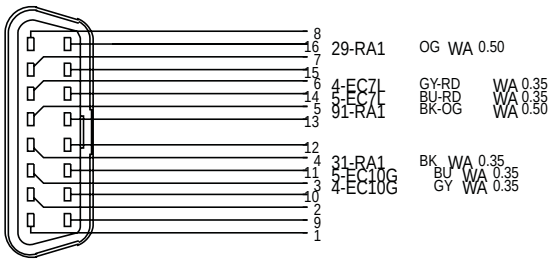



3M5T-14489-APC

C103
TO PJB

HARNESS 14401

## Data Link Connector (DLC) (G1239886)




95GG-14489-ZTA

C200
TO CONNECTOR DIAGNOSTIC

HARNESS 14401

# SECTION 419-01 Anti-Theft - Active

## VEHICLE APPLICATION: 2011.0 Kuga

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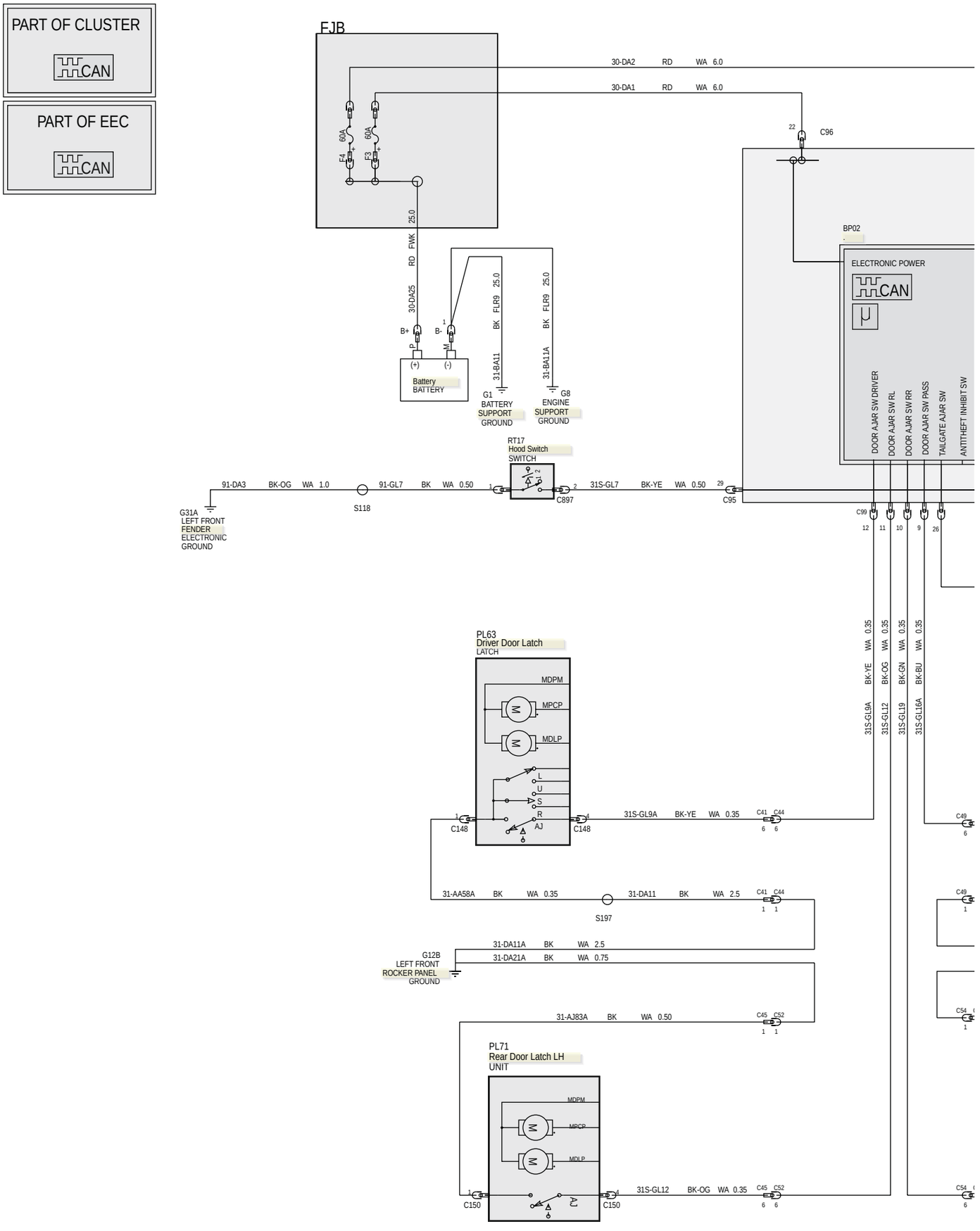
### ELECTRICAL SCHEMATICS

Anti-Theft Alarm System — LHD 4WD/LHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery..... 419-01-2
Anti-Theft Alarm System — LHD 4WD/LHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery..... 419-01-4
Anti-Theft Alarm System — LHD 4WD/LHD FWD, Vehicles Without: Anti-Theft Alarm Horn with Integral Battery..... 419-01-6
Anti-Theft Alarm System — RHD 4WD/RHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery..... 419-01-8
Anti-Theft Alarm System — RHD 4WD/RHD FWD, Vehicles Without: Anti-Theft Alarm Horn with Integral Battery..... 419-01-10
Anti-Theft Alarm System — RHD 4WD/RHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery..... 419-01-12

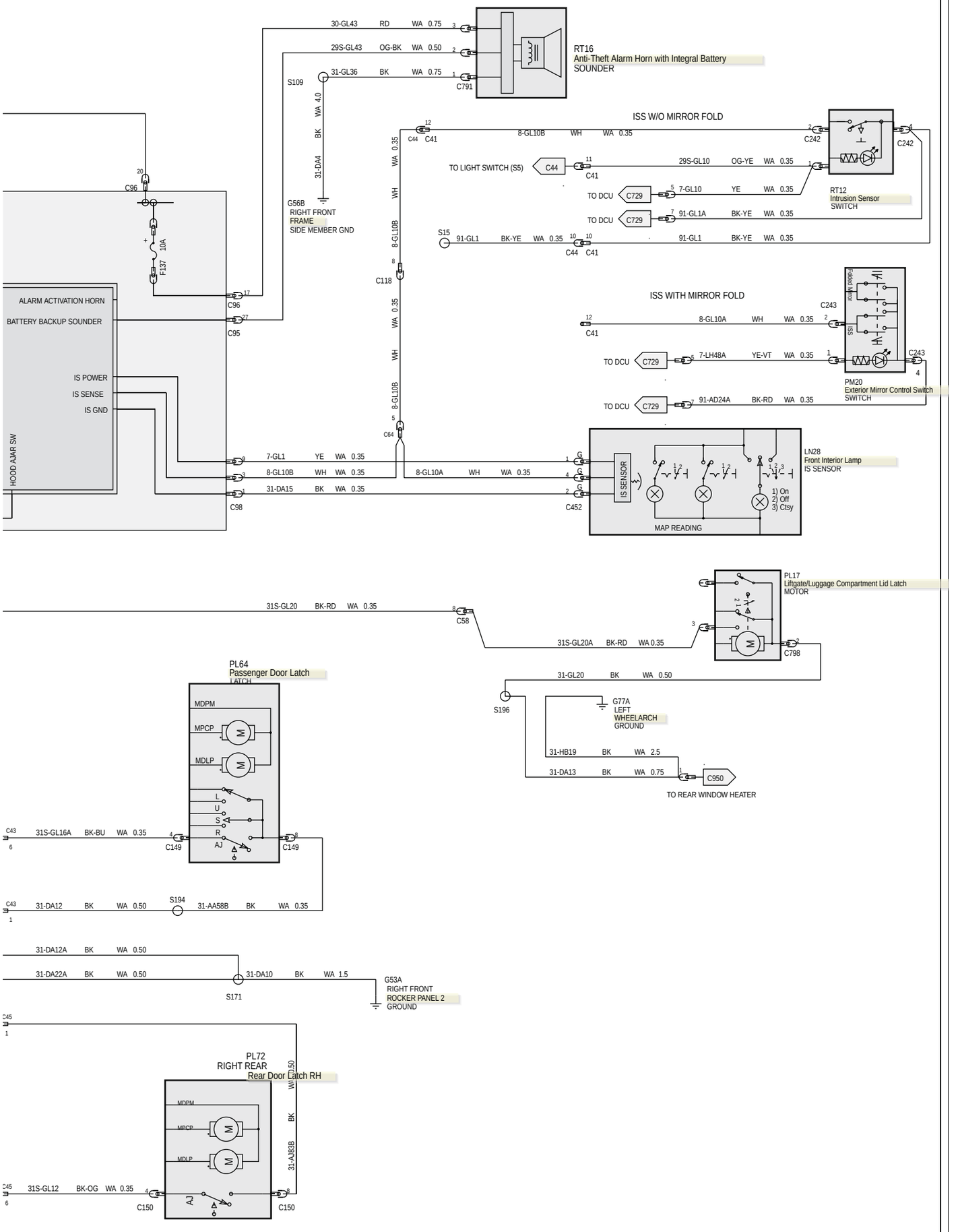
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Anti-Theft Alarm Horn..... 419-01-14
Anti-Theft Alarm Horn with Integral Battery..... 419-01-14
Anti-Theft Alarm Module..... 419-01-14
Hood Switch..... 419-01-14
Intrusion Sensor..... 419-01-14

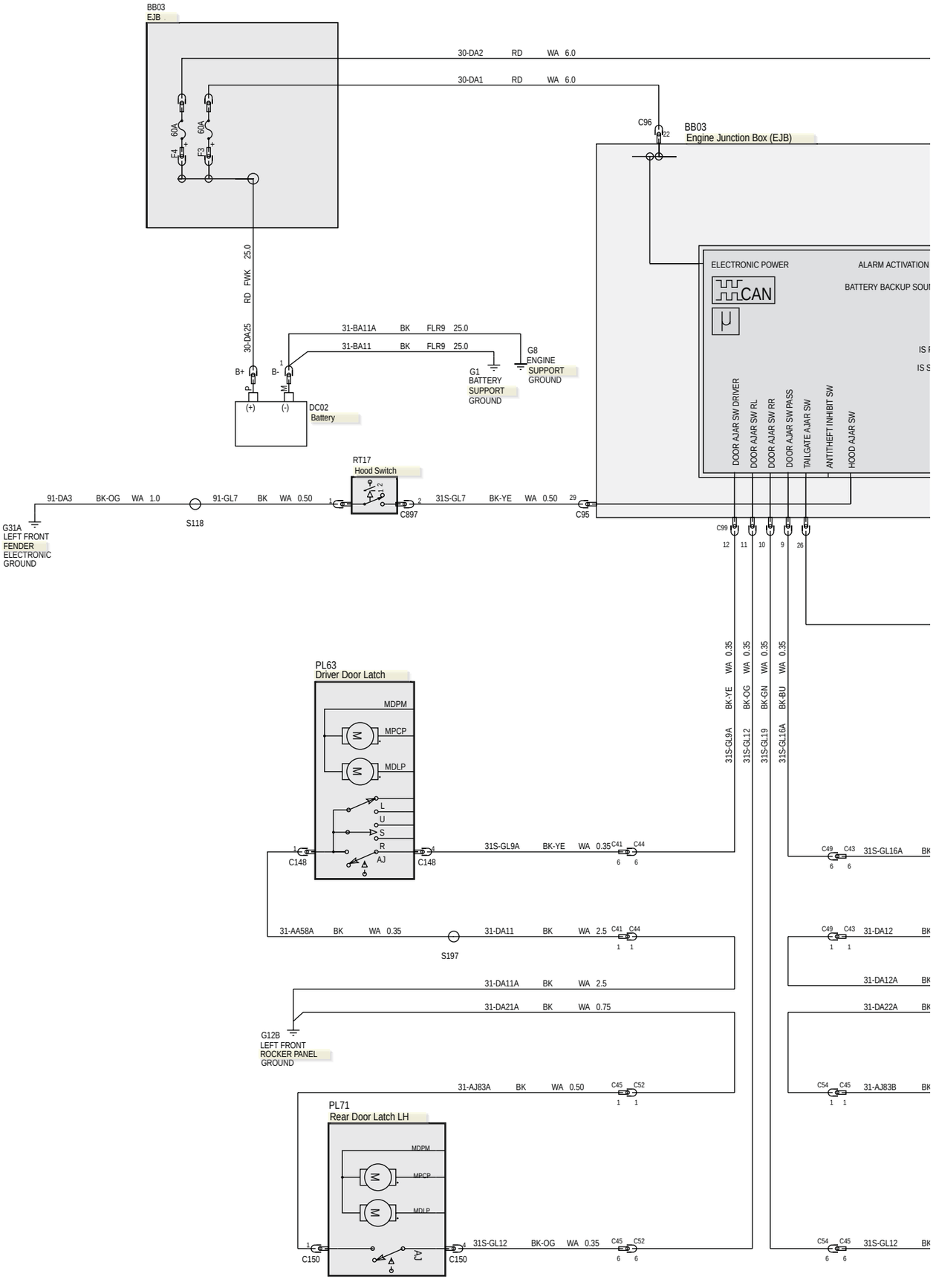
419-01-2 Anti-Theft Alarm System—LHD 4WD/LHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery



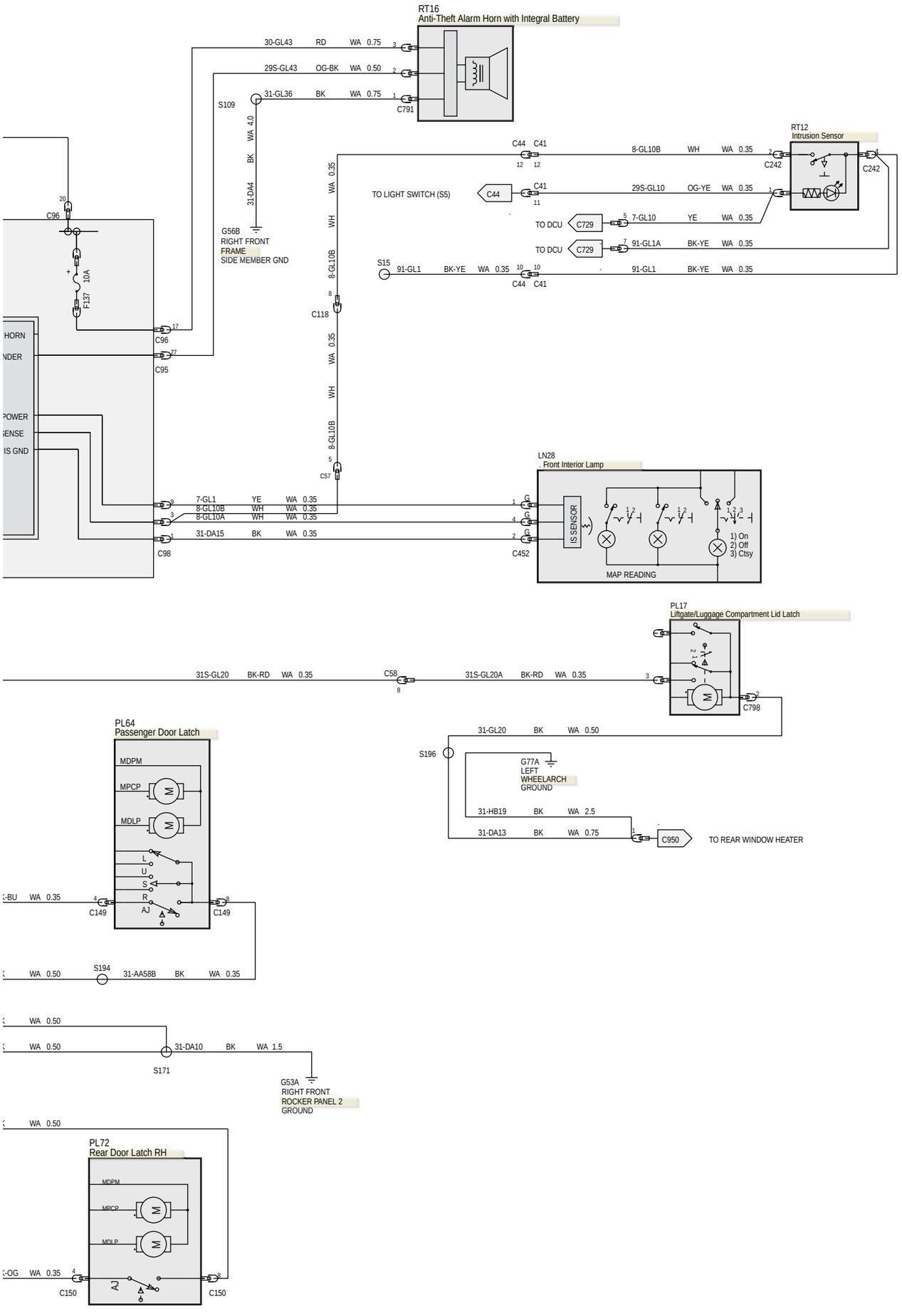
419-01-3 Anti-Theft Alarm System—LHD 4WD/LHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery

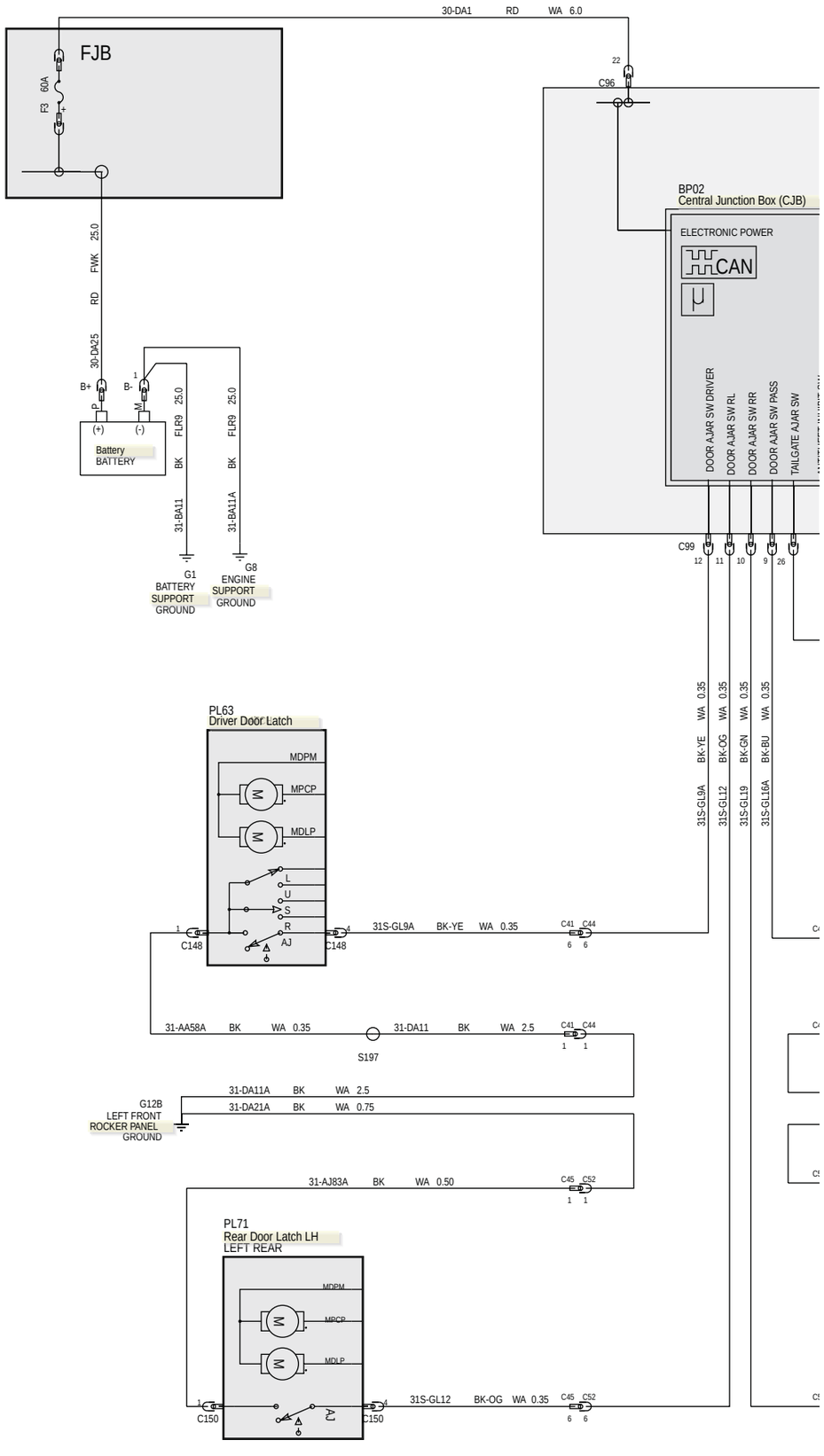


419-01-4 Anti-Theft Alarm System—LHD 4WD/LHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery

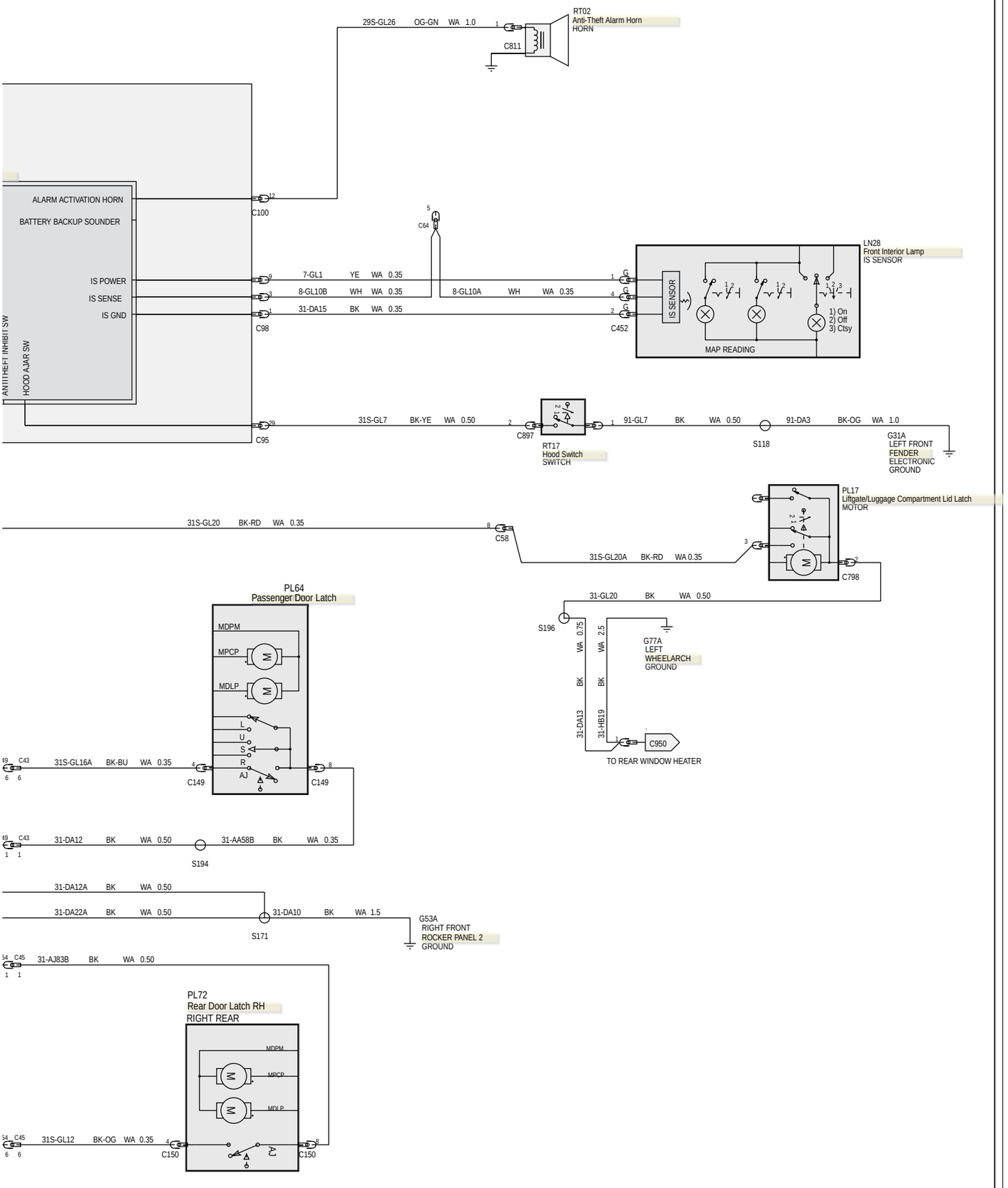


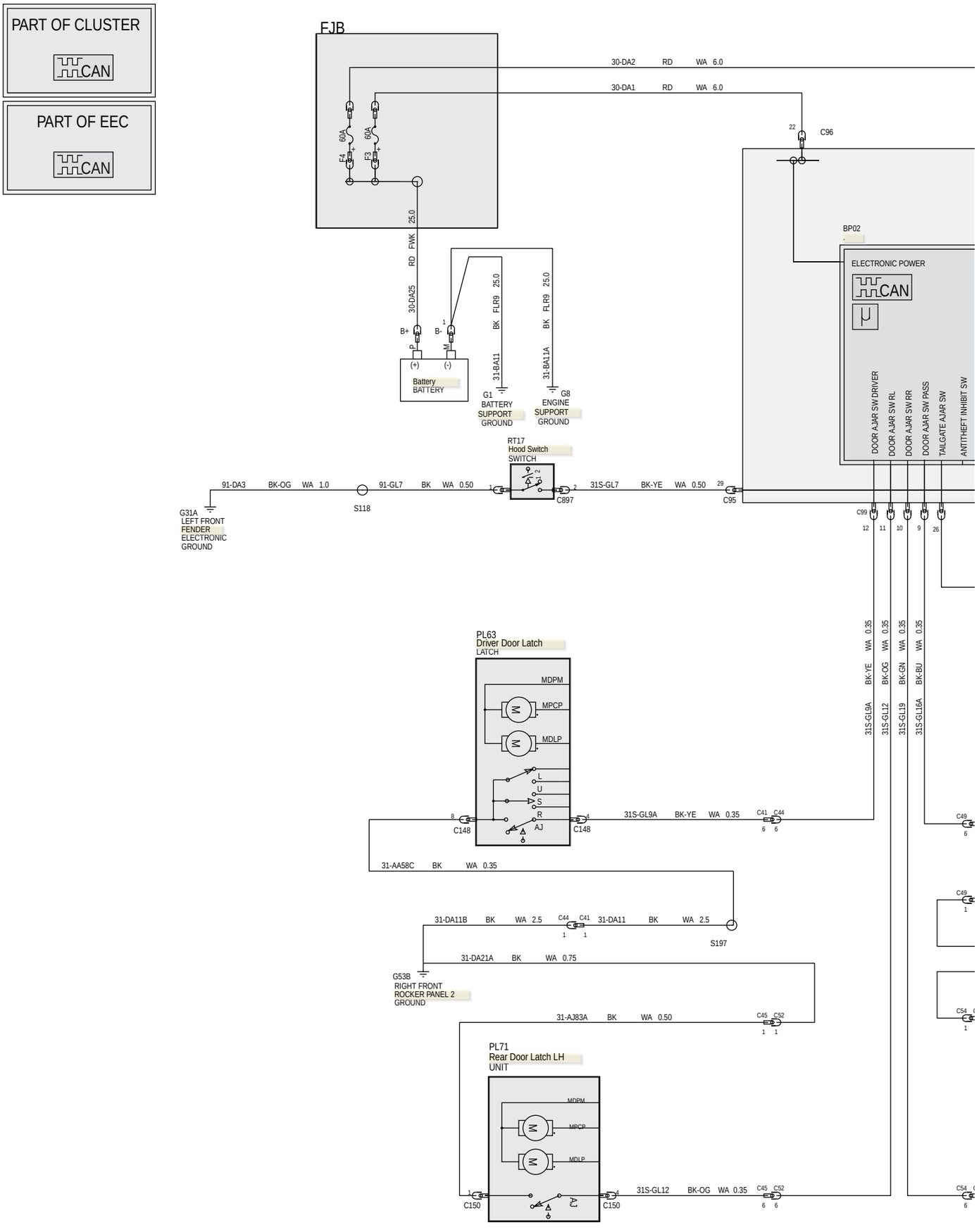
419-01-5 Anti-Theft Alarm System—LHD 4WD/LHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery



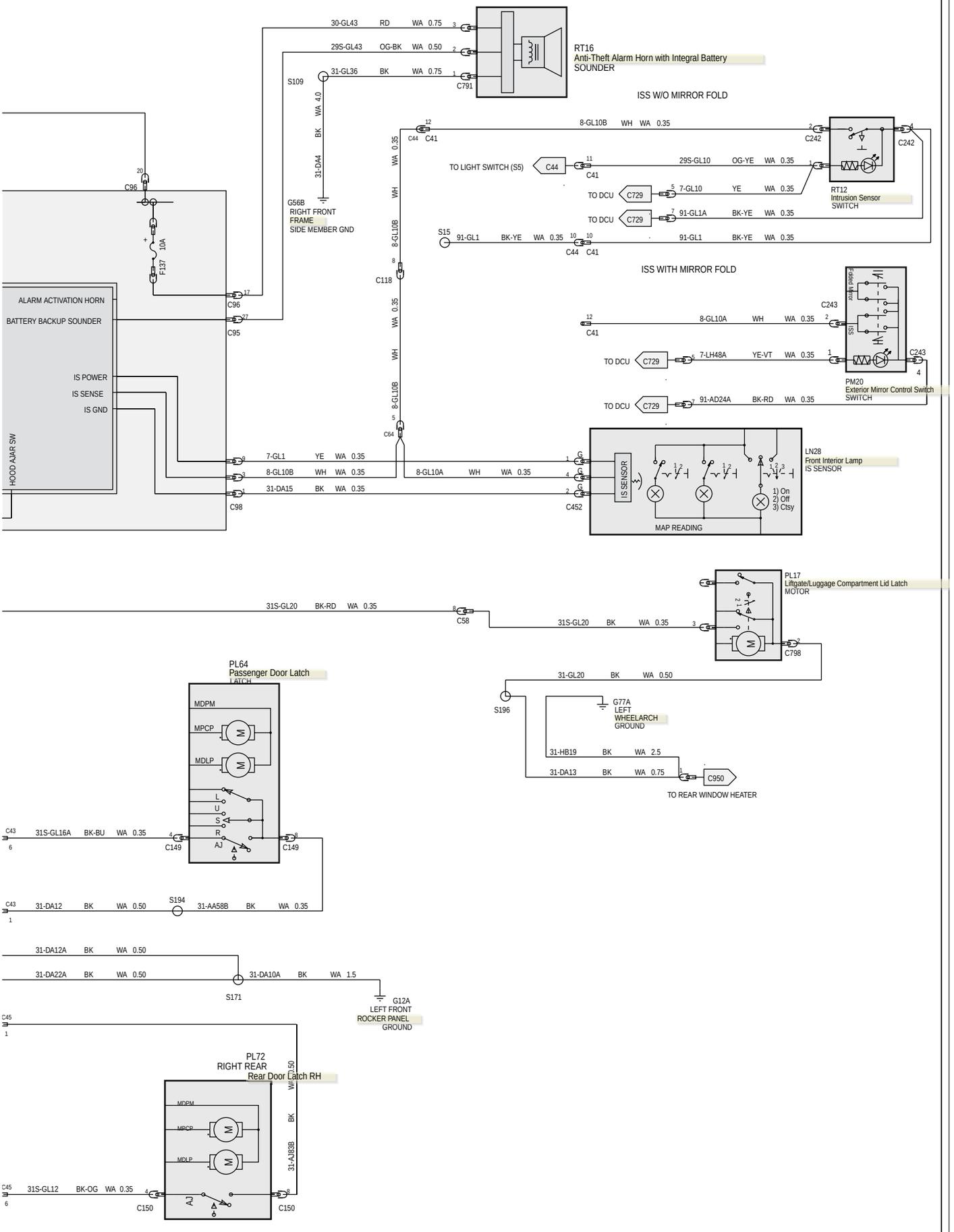

30-DA1 RD WA 6.0
FJB
F3 60A
22
C96
BP02
Central Junction Box (CJB)
ELECTRONIC POWER
CAN
DOOR AJAR SW DRIVER
DOOR AJAR SW RL
DOOR AJAR SW RR
DOOR AJAR SW PASS
TAILGATE AJAR SW
C99
12 11 10 9 26
25.0 FWK RD 30-DA25
B+ B- M
(+) (-)
Battery
BATTERY
25.0 FLR9 BK 31-BA11
25.0 FLR9 BK 31-BA11A
G1
BATTERY SUPPORT GROUND
G8
ENGINE SUPPORT GROUND
PL63
Driver Door Latch
MDPM
MPCP
MDLP
L
U
S
R
AJ
C148
31S-GL9A BK-YE WA 0.35
C41 C44
6 6
WA 0.35 BK-YE 31S-GL9A
WA 0.35 BK-OG 31S-GL12
WA 0.35 BK-GN 31S-GL19
WA 0.35 BK-BU 31S-GL16A
31-AA58A BK WA 0.35
31-DA11 BK WA 2.5
S197
C41 C44
1 1
31-DA11A BK WA 2.5
31-DA21A BK WA 0.75
G12B
LEFT FRONT ROCKER PANEL GROUND
31-AJ83A BK WA 0.50
C45 C52
1 1
PL71
Rear Door Latch LH
LEFT REAR
C150
31S-GL12 BK-OG WA 0.35
C45 C52
6 6

419-01-7 Anti-Theft Alarm System—LHD 4WD/LHD FWD, Vehicles Without: Anti-Theft Alarm Horn with Integral Battery

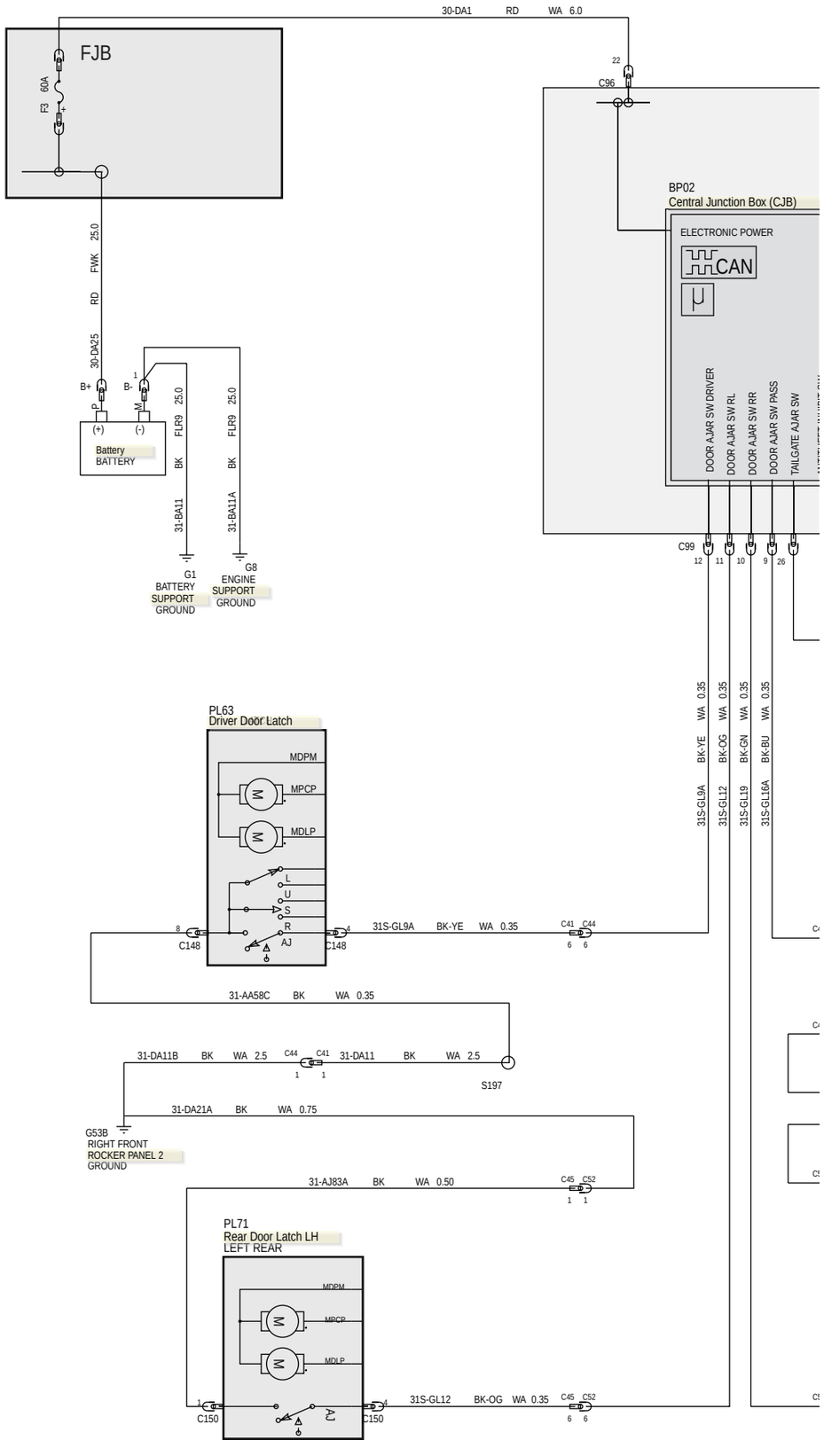



PART OF CLUSTER
CAN
PART OF EEC
CAN
FJB
30-DA2 RD WA 6.0
30-DA1 RD WA 6.0
60A F4
60A F3
25.0 RD FWK
30-DA25
B+
B-
BK FLR9 25.0
31-BA11
BK FLR9 25.0
31-BA11A
Battery
BATTERY
G1
BATTERY SUPPORT GROUND
G8
ENGINE SUPPORT GROUND
22 C96
BP02
ELECTRONIC POWER
CAN
DOOR AJAR SW DRIVER
DOOR AJAR SW RL
DOOR AJAR SW RR
DOOR AJAR SW PASS
TAILGATE AJAR SW
ANTITHEFT INHIBIT SW
RT17
Hood Switch
SWITCH
91-DA3 BK-OG WA 1.0
91-GL7 BK WA 0.50
31S-GL7 BK-YE WA 0.50
29 C95
S118
C897
G31A
LEFT FRONT FENDER ELECTRONIC GROUND
C99
12 11 10 9 26
PL63
Driver Door Latch
LATCH
MDPM
MPCP
MDLP
L
U
S
R
AJ
8 C148
4 C148
31S-GL9A BK-YE WA 0.35
C41 C44
6 6
31-AA58C BK WA 0.35
31-DA11B BK WA 2.5
C44 C41
1 1
31-DA11 BK WA 2.5
S197
31-DA21A BK WA 0.75
G53B
RIGHT FRONT ROCKER PANEL 2 GROUND
31-AJ83A BK WA 0.50
C45 C52
1 1
PL71
Rear Door Latch LH
UNIT
MDPM
MPCP
MDLP
AJ
1 C150
4 C150
31S-GL12 BK-OG WA 0.35
C45 C52
6 6
BK-YE WA 0.35
BK-OG WA 0.35
BK-GN WA 0.35
BK-BU WA 0.35
31S-GL9A
31S-GL12
31S-GL19
31S-GL16A
C49
6
C49
1
C54
1
C54
6

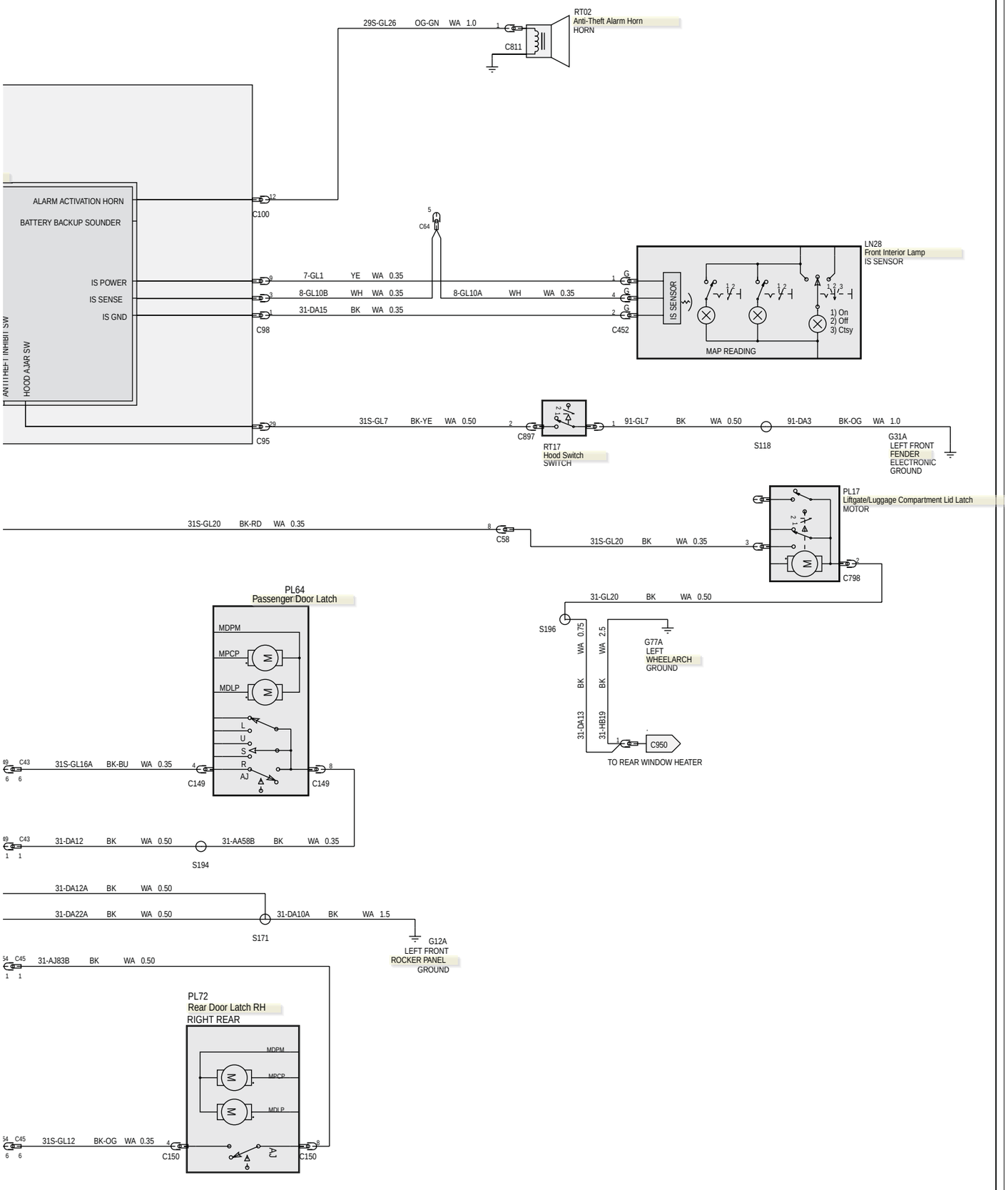
419-01-9 Anti-Theft Alarm System—RHD 4WD/RHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery



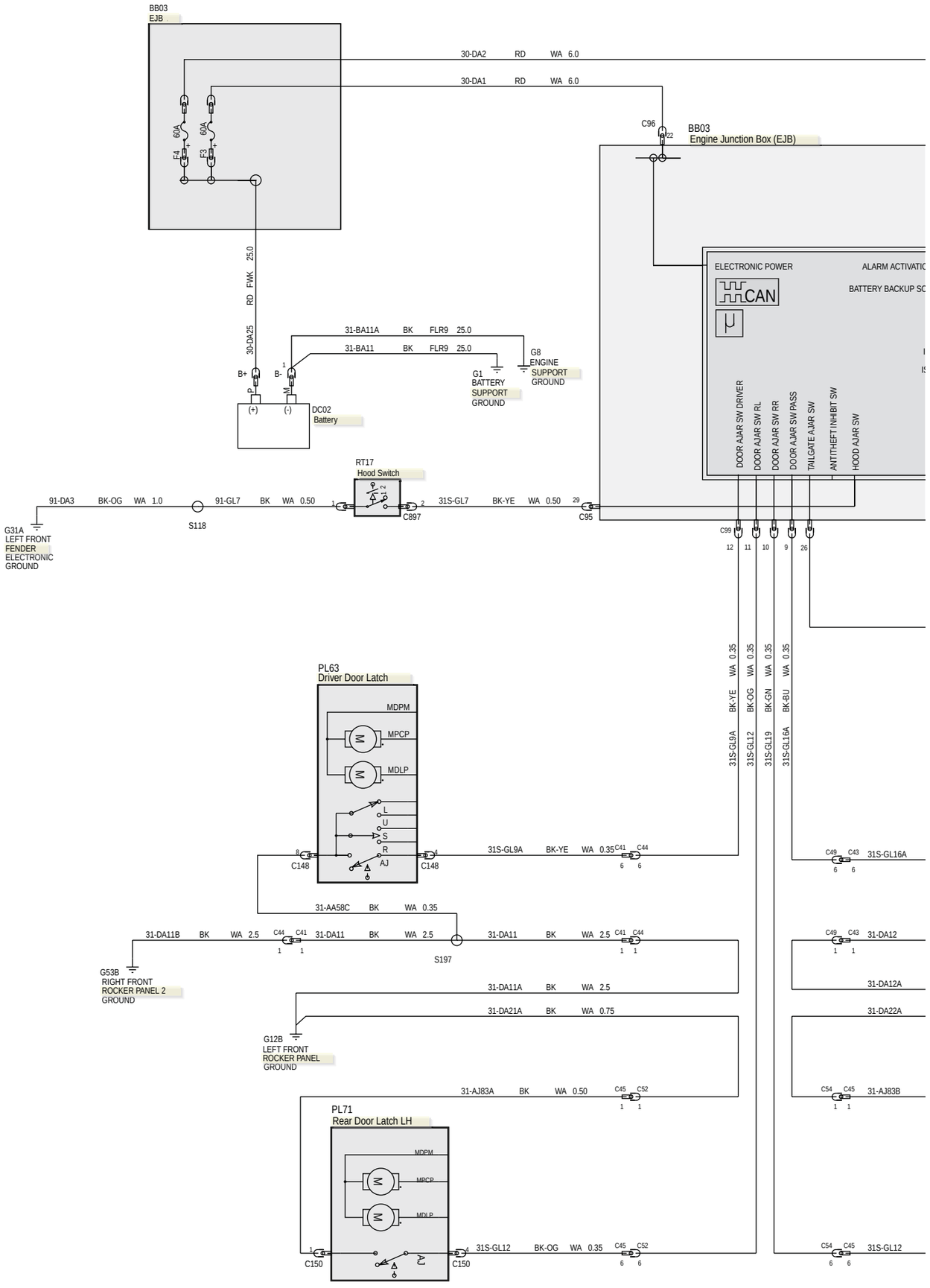
419-01-10 Anti-Theft Alarm System—RHD 4WD/RHD FWD, Vehicles Without: Anti-Theft Alarm Horn with Integral Battery



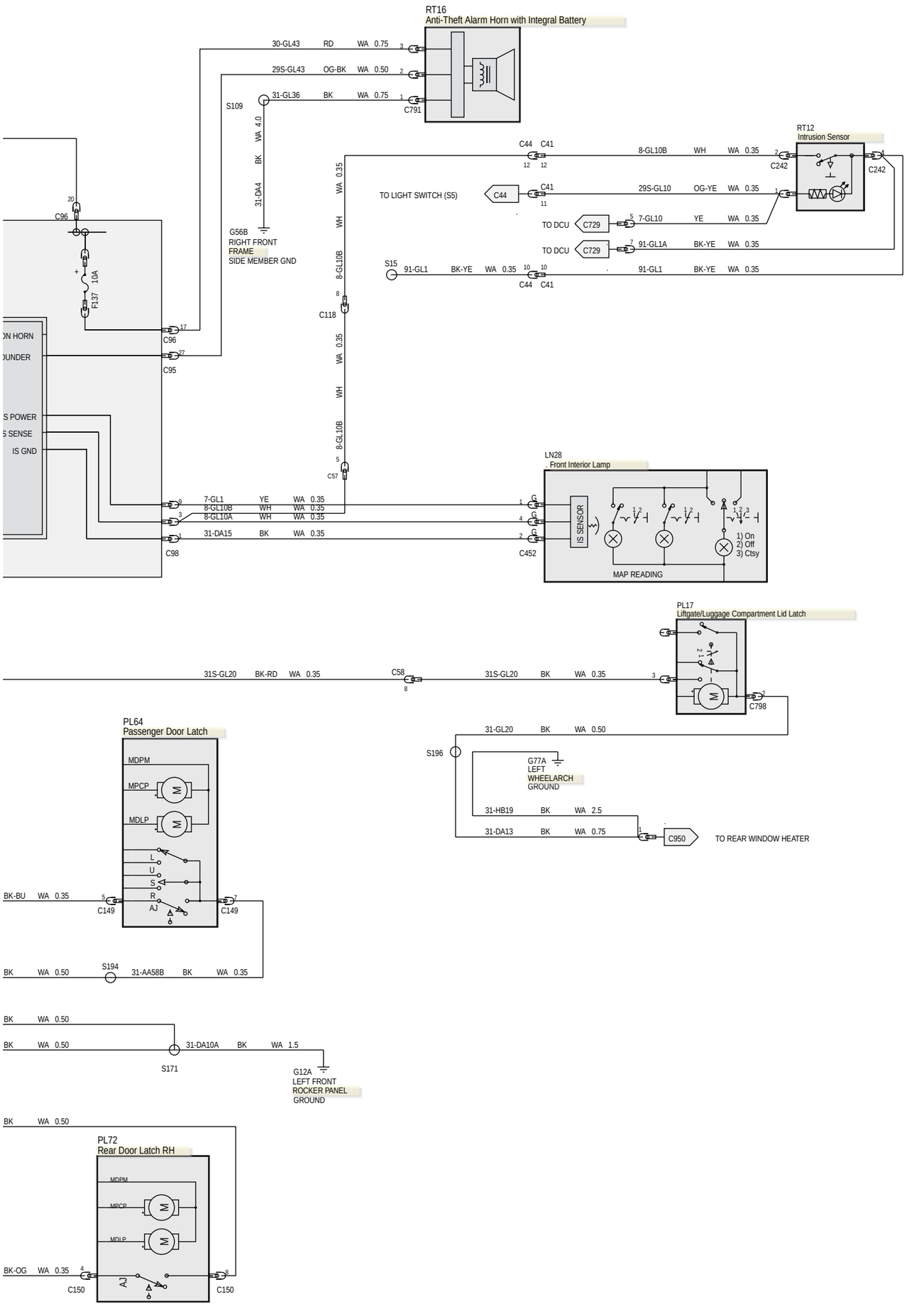
419-01-11 Anti-Theft Alarm System—RHD 4WD/RHD FWD, Vehicles Without: Anti-Theft Alarm Horn with Integral Battery



419-01-12 Anti-Theft Alarm System—RHD 4WD/RHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery



419-01-13 Anti-Theft Alarm System—RHD 4WD/RHD FWD, Vehicles With: Anti-Theft Alarm Horn with Integral Battery



## Anti-Theft Alarm Horn (G1239887)

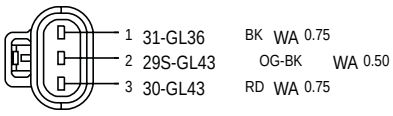



78GG-14488-SA

C811
TO ALARM HORN

HARNESS 14014

## Anti-Theft Alarm Horn with Integral Battery (G1239888)



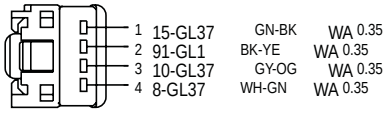

3M5T-14A464-DCA

C791
TO BATTERY BACKUP SOUNDER

HARNESS 14K733

## Anti-Theft Alarm Module (G1234674)

PIN 3 => 10-GL37A GY-OG 0.35 WA
PIN 4 => 8-GL37A WH-GN 0.35 WA
PIN 1 => 15-GL37A GN-BK 0.35 WA



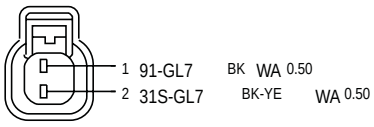

1L2T-14489-GB

C391
TO PATS RF MODULE

HARNESS 14401

## Hood Switch (G1239889)

PIN 1 => 91-GL7A BK 0.50 WA



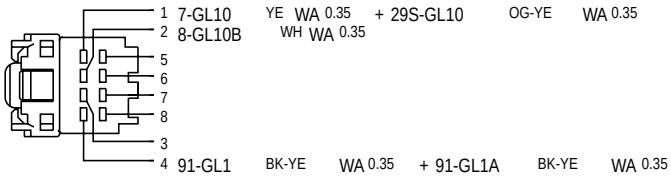

XR3T-14A464-AA

C897
TO HOOD SWITCH

HARNESS 14K733

## Intrusion Sensor (G1239890)

PIN 1 => 29S-GL10 OG-YE 0.35 WA




2L7T-14489-CA

C242
TO INTERIOR SCANNING SWITCH

HARNESS 14A584

# SECTION 419-10 Multifunction Electronic Modules

## VEHICLE APPLICATION: 2011.0 Kuga

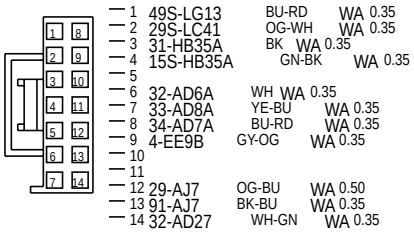
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Driver Door Module (DDM)..... 419-10-2
Passenger Door Module (PDM)..... 419-10-3
Passenger Door Module (PDM)..... 419-10-3
Rear Door Module (RDM)..... 419-10-4

## Driver Door Module (DDM) (G1234675)

PIN 9 => 4-EE9C GY-OG 0.35 WA



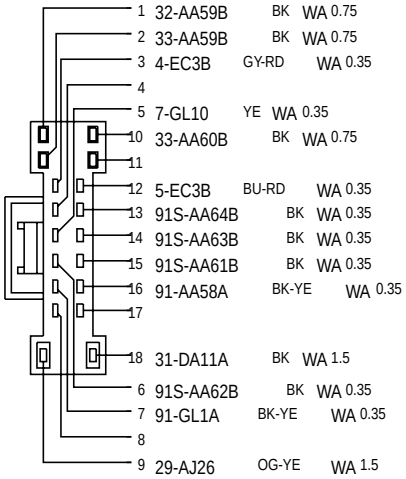

3M5T-14489-ANC

C728
TO DRIVER FRONT DOOR MODULE 2

HARNESS 14A584

## Driver Door Module (DDM) (G1234676)

PIN 1 => 32-AA59A WH-BK 0.75 WA
PIN 2 => 33-AA59A YE-BK 0.75 WA
PIN 6 => 91S-AA62A BK-WH 0.35 WA
PIN 10 => 33-AA60A YE 0.75 WA
PIN 13 => 91S-AA64A BK-GN 0.35 WA
PIN 14 => 91S-AA63A BK-OG 0.35 WA
PIN 15 => 91S-AA61A BK-BU 0.35 WA
PIN 16 => 91-AA58B BK 0.35 WA



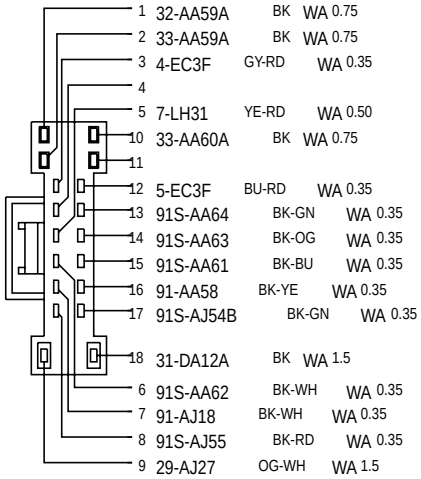

3M5T-14489-AUA

C729
TO DRIVER FRONT DOOR MODULE 3

HARNESS 14A584

## Passenger Door Module (PDM) (G1234677)

PIN 1 => 32-AA59 WH-BK 0.75 WA
PIN 2 => 33-AA59 YE-BK 0.75 WA
PIN 10 => 33-AA60 YE 0.75 WA
PIN 16 => 91-AA58A BK 0.35 WA



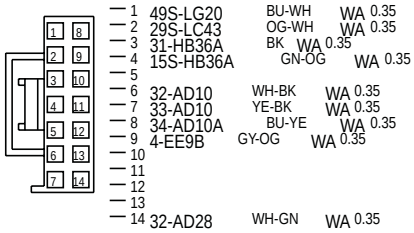

3M5T-14489-AUA

C722

TO PASSENGER FRONT DOOR MODULE

HARNESS 14K138

## Passenger Door Module (PDM) (G1234678)




3M5T-14489-ANC

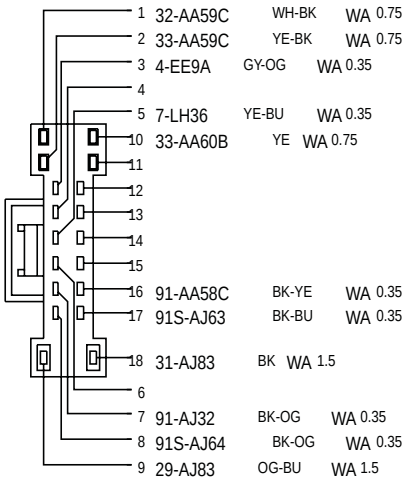
C723

TO PASSENGER FRONT DOOR MODULE 2

HARNESS 14K138

## Rear Door Module (RDM) (G1245479)

PIN 1 => 32-AA59B WH-BK 0.75 WA
PIN 2 => 33-AA59B YE-BK 0.75 WA
PIN 16 => 91-AA58B BK-YE 0.35 WA




3M5T-14489-AUA

C730

TO REAR DOOR MODULE

HARNESS 14240

GROUP

# 5

# Body and Paint

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Instrument Panel and Console.....501-12
Handles, Locks, Latches and Entry Systems.....501-14
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Safety Belt System.....501-20A
Supplemental Restraint System.....501-20B

# SECTION 501-09 Rear View Mirrors

## VEHICLE APPLICATION: 2011.0 Kuga

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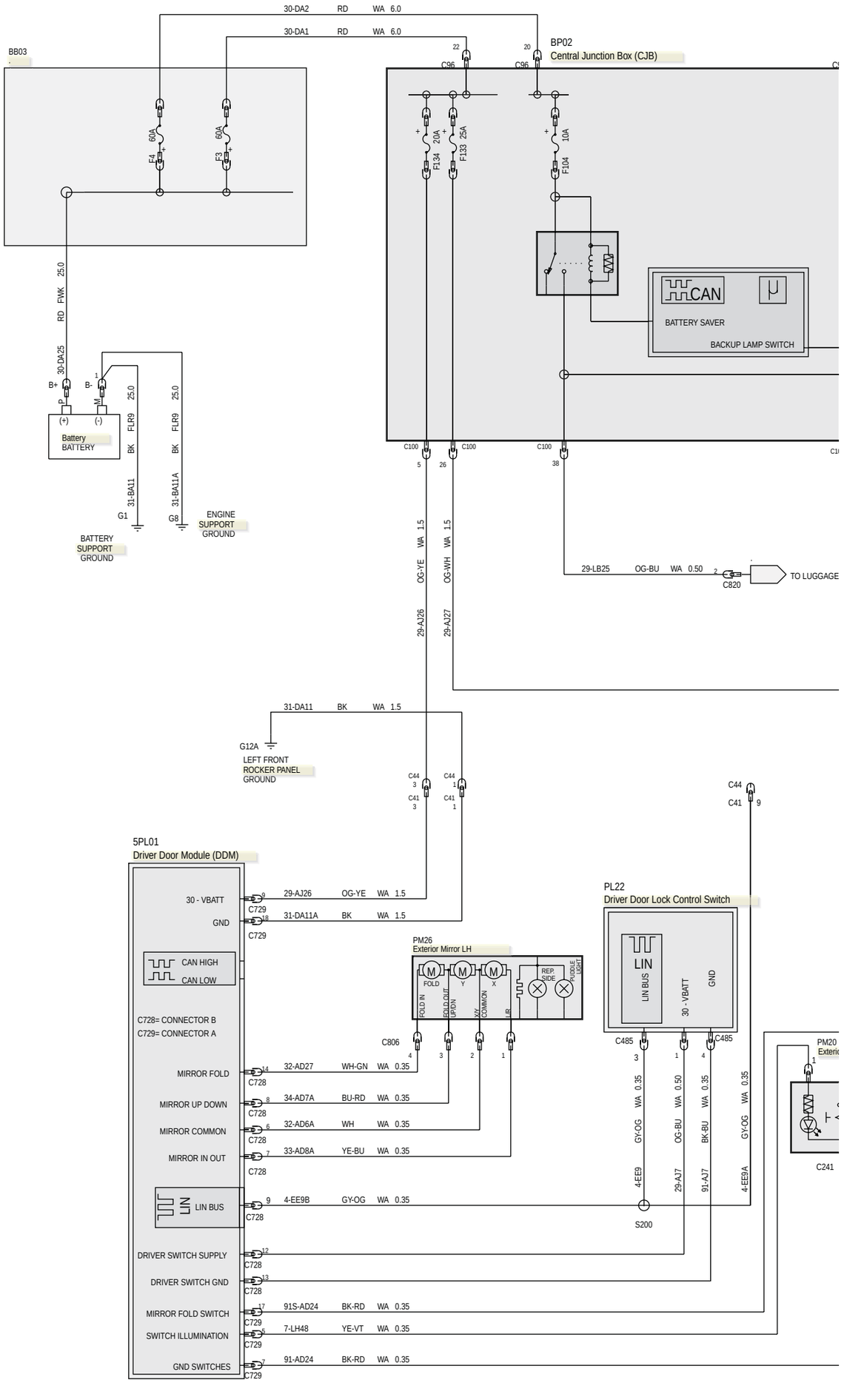
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Power Exterior Mirrors — RHD 4WD/RHD FWD..... 501-09-6
Power Exterior Mirrors — RHD 4WD/RHD FWD..... 501-09-8

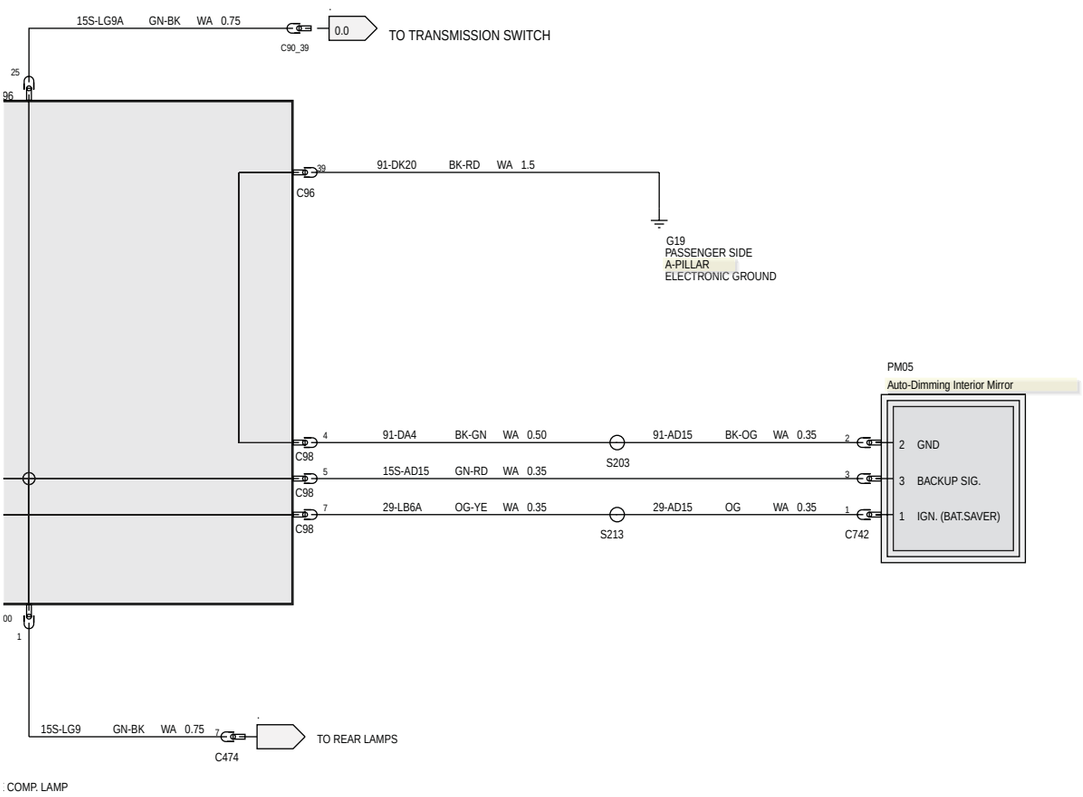
### ELECTRICAL CONNECTORS

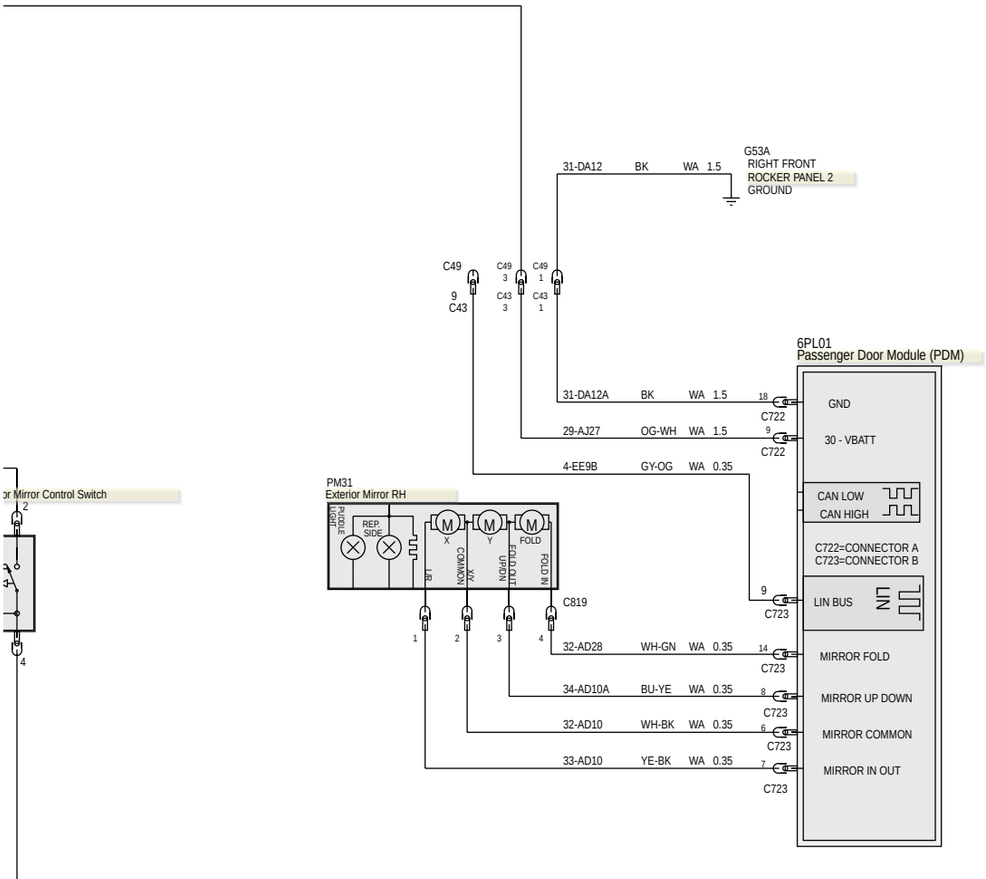
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Exterior Mirror Control Switch..... 501-09-10
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501-09-2 Power Exterior Mirrors—LHD 4WD/LHD FWD

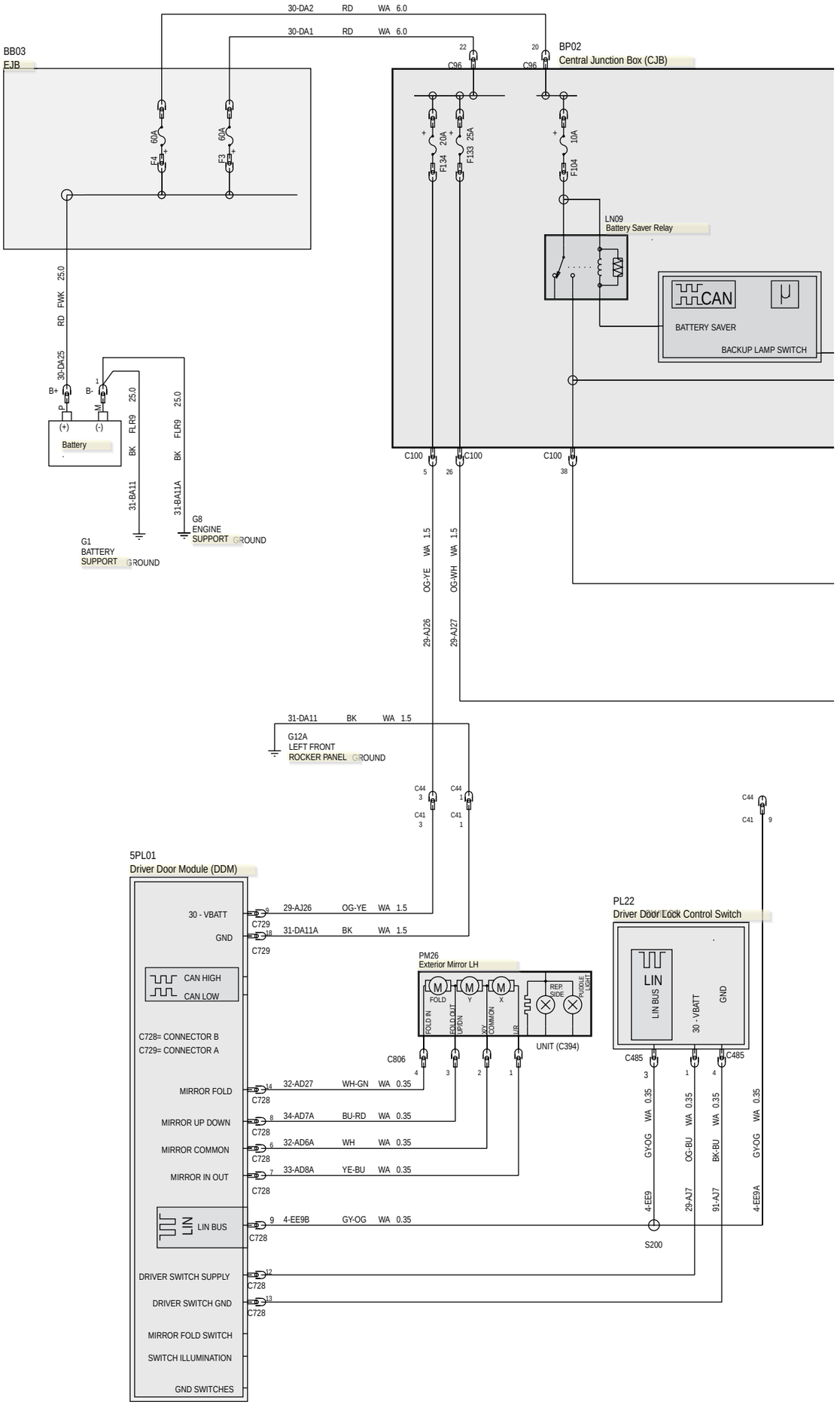


501-09-3 Power Exterior Mirrors—LHD 4WD/LHD FWD

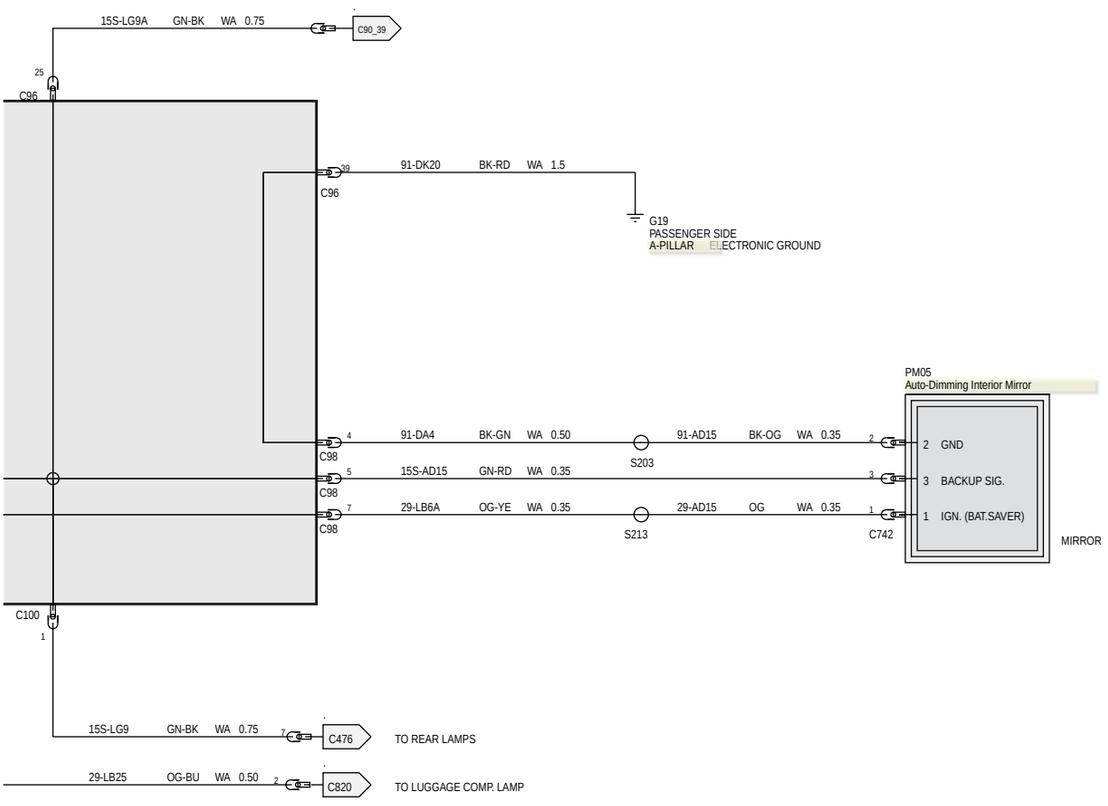


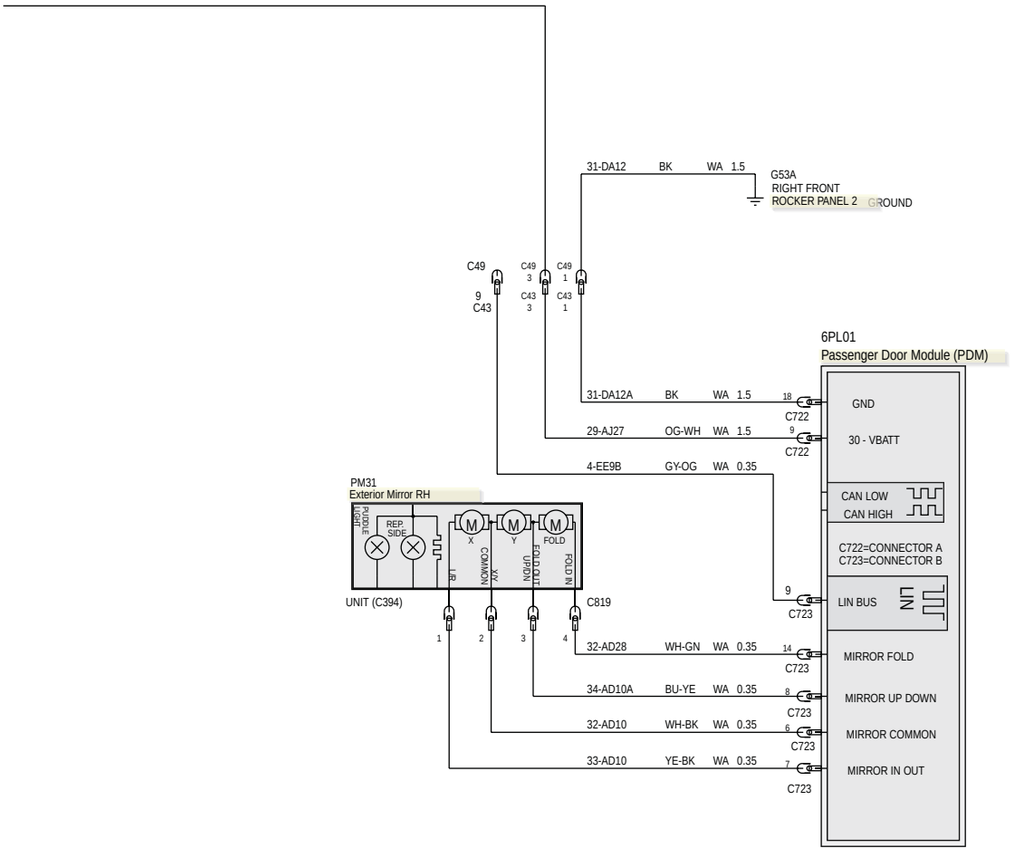



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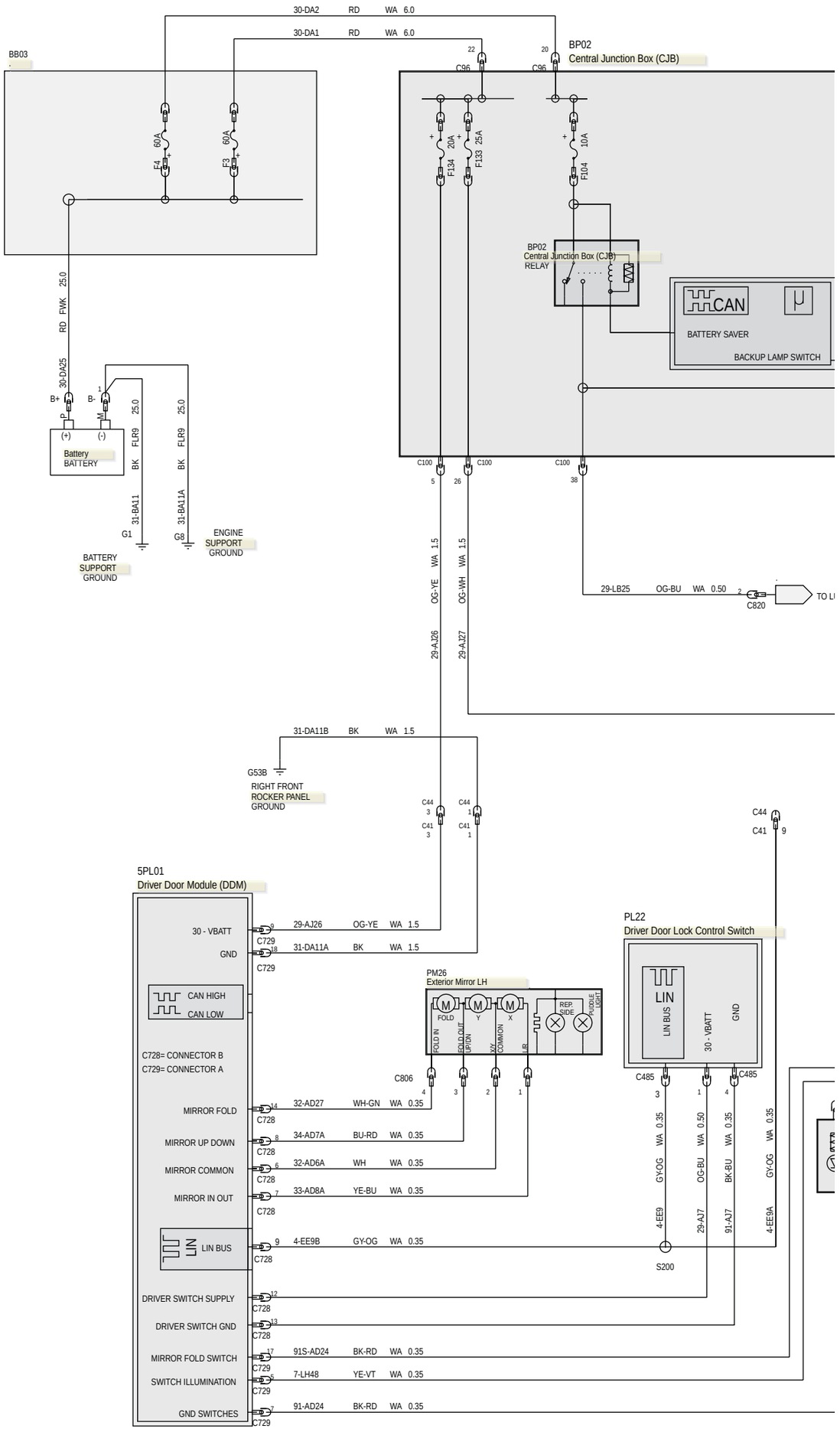


501-09-5 Power Exterior Mirrors—LHD 4WD/LHD FWD

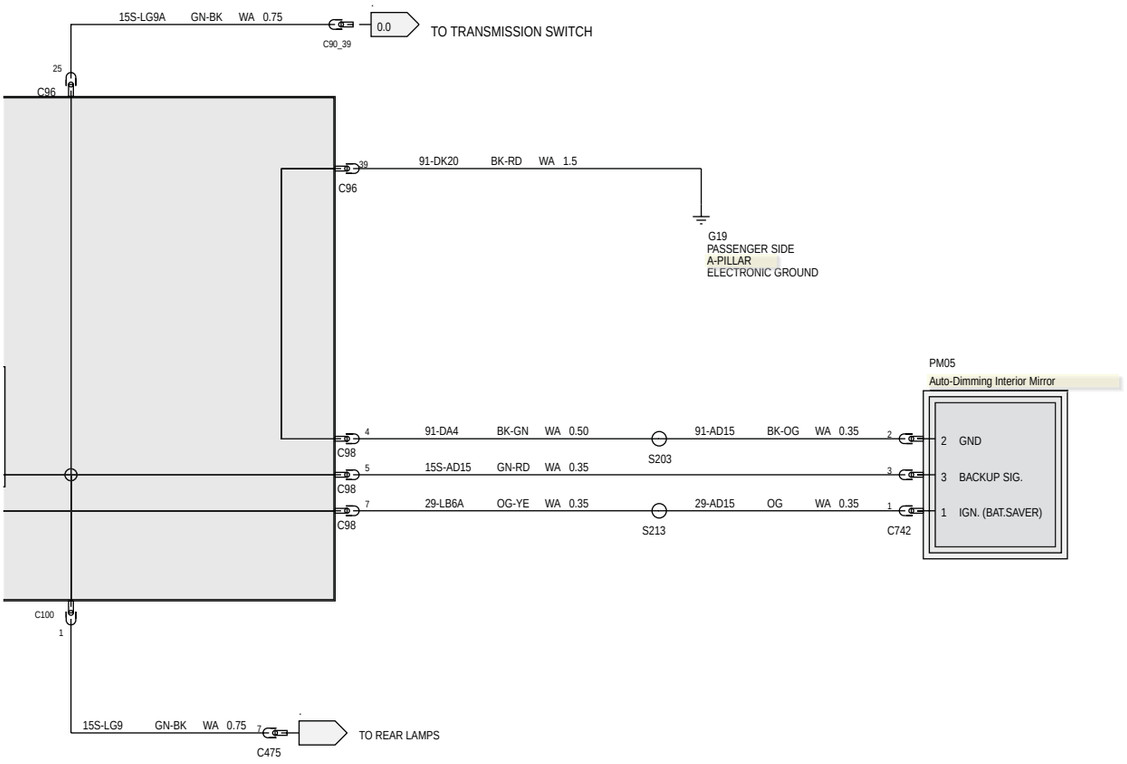


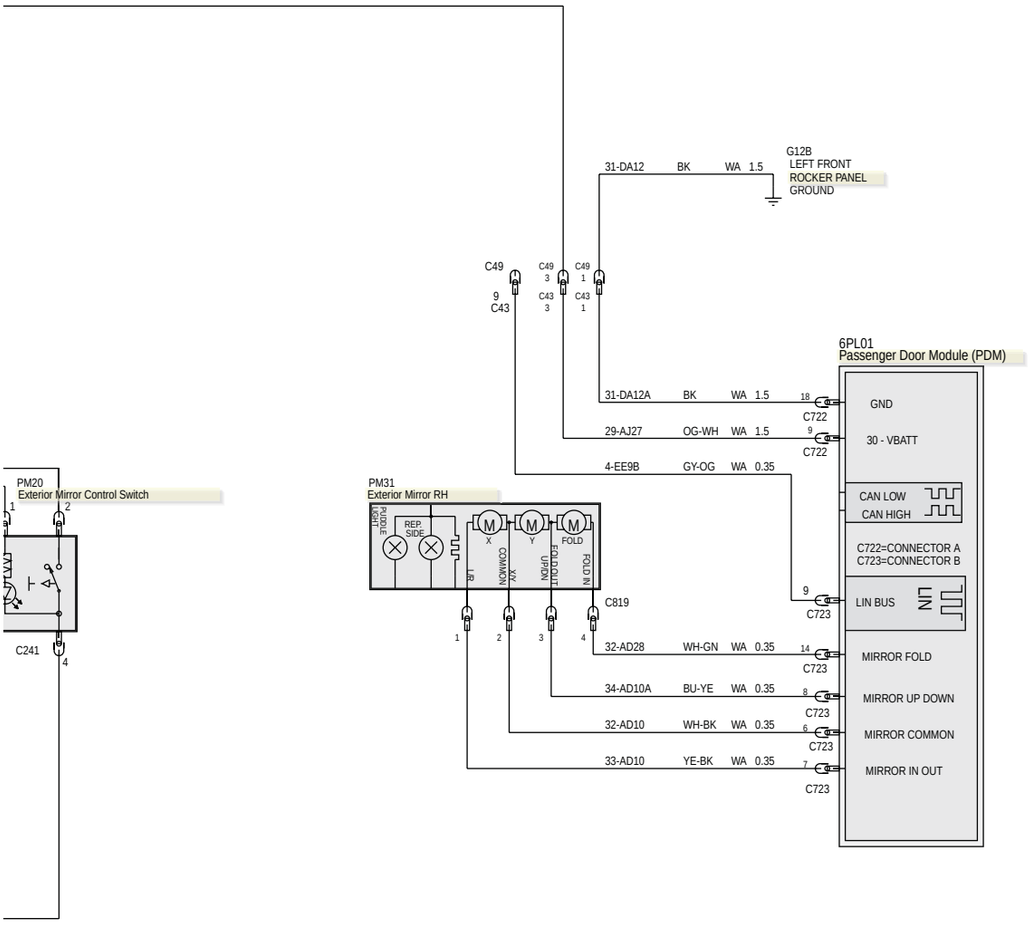
501-09-6 Power Exterior Mirrors—RHD 4WD/RHD FWD



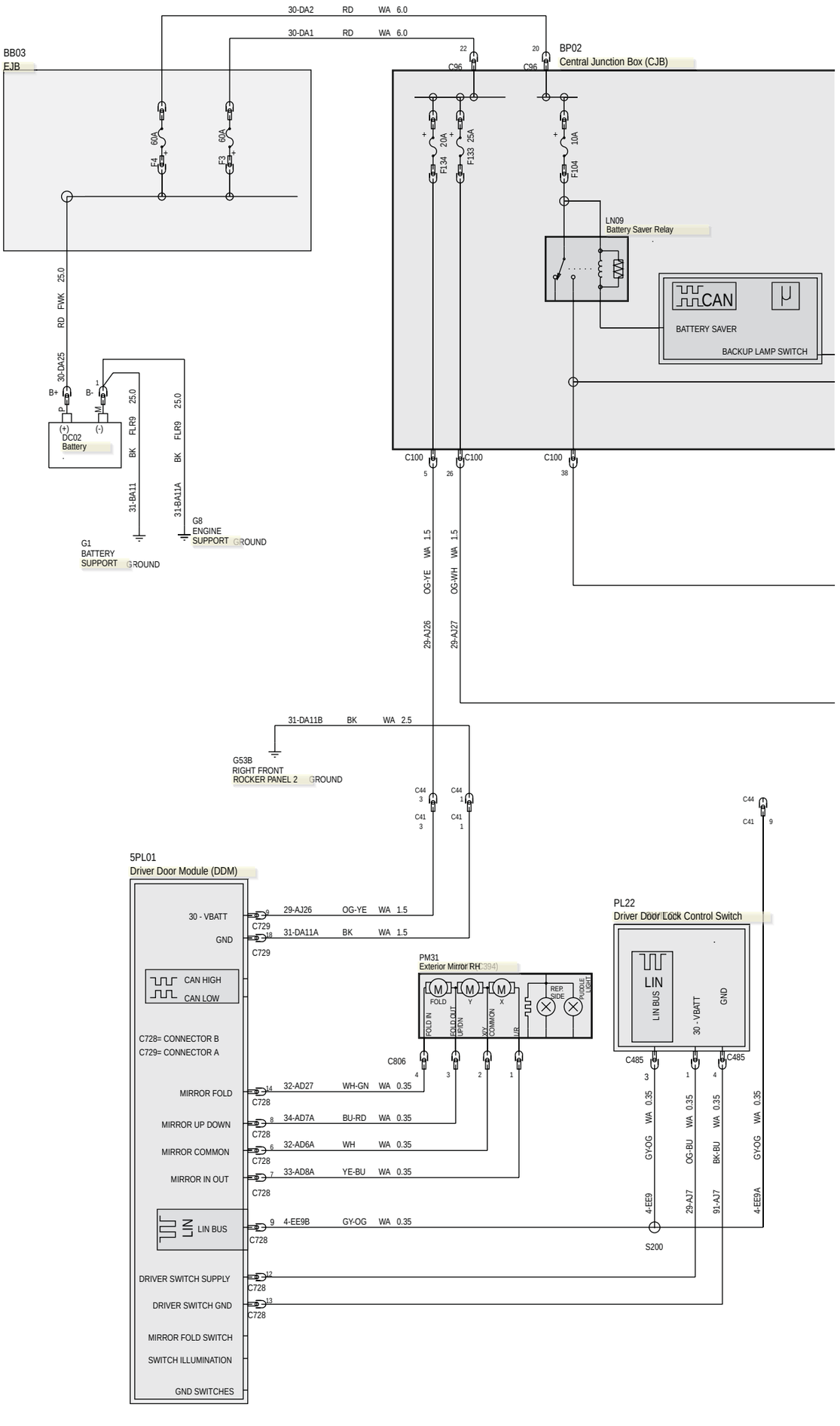
501-09-7 Power Exterior Mirrors—RHD 4WD/RHD FWD



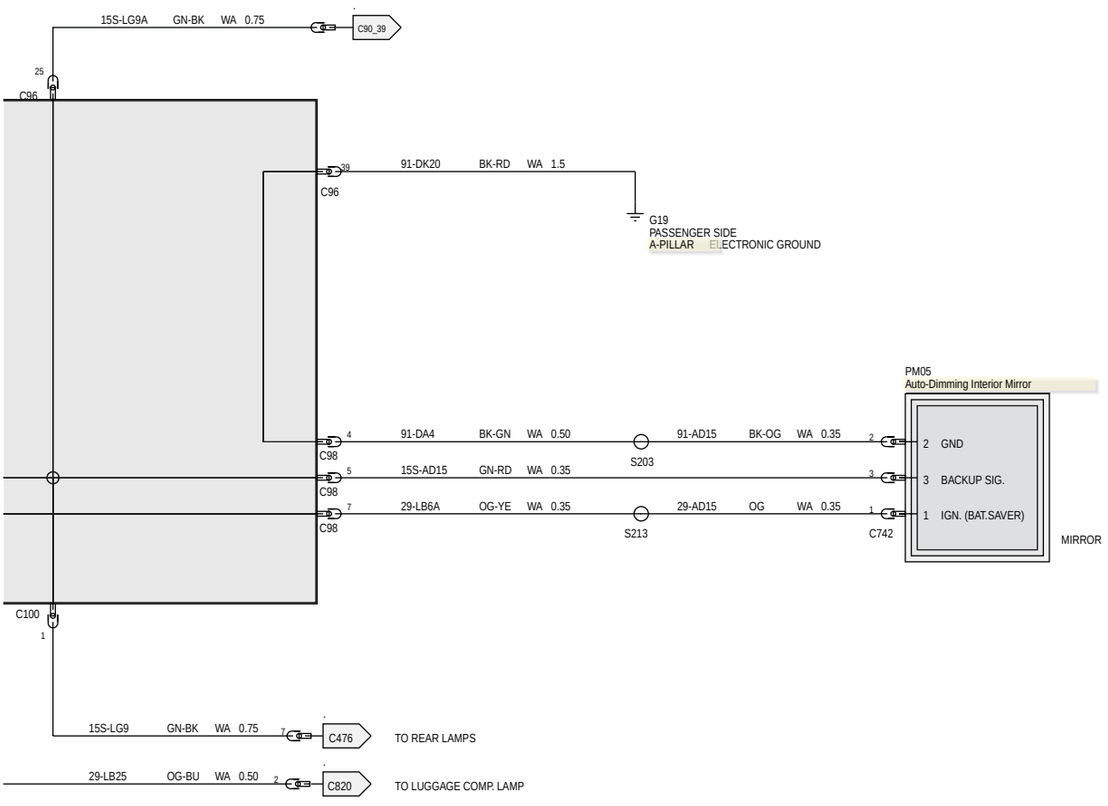

UGGAGE COMP. LAMP

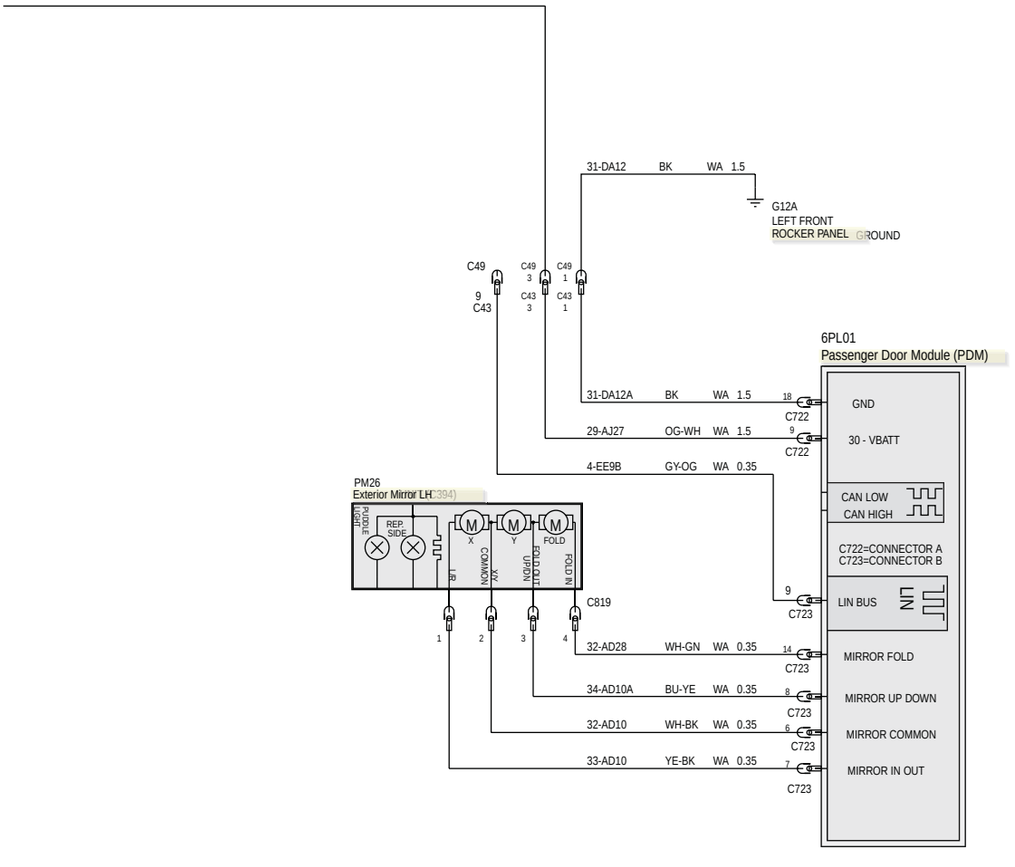


501-09-8 Power Exterior Mirrors—RHD 4WD/RHD FWD

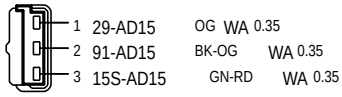


501-09-9 Power Exterior Mirrors—RHD 4WD/RHD FWD



## Auto-Dimming Interior Mirror (G1234684)

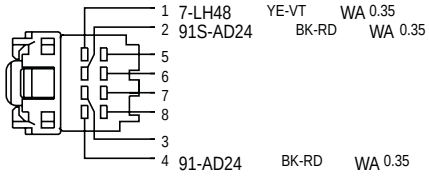



3M5T-14489-ACB

C742
TO ELECTRONIC INSIDE MIRROR UNIT

HARNESS 14335

## Exterior Mirror Control Switch (G1234685)

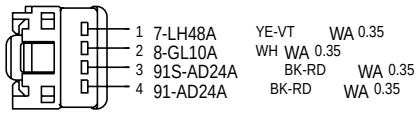



2L7T-14489-CA

C241
TO MIRROR FOLD SWITCH

HARNESS 14A584

## Exterior Mirror Control Switch (G1234686)



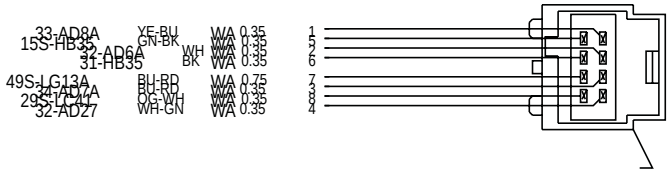

1L2T-14489-GB

C243
TO MIRROR FOLD & INTERIOR SCANNING SWITCH

HARNESS 14A584

## Exterior Mirror LH (G1234687)

PIN 5 => 15S-HB35A GN-BK 0.35 WA
PIN 6 => 31-LG13 BK 0.50 WA
PIN 7 => 49S-LG13 BU-RD 0.35 WA
PIN 6 => 31-HB35A BK 0.35 WA



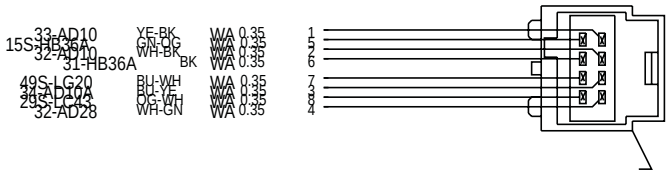

2L1T-14A624-SA

C806
TO DRIVER SIDE MIRROR UNIT

HARNESS 14A584

## Exterior Mirror RH (G1234688)

PIN 5 => 15S-HB36 GN-OG 0.35 WA
PIN 6 => 31-LG20 BK 0.50 WA
PIN 7 => 49S-LG20A BU-WH 0.75 WA
PIN 6 => 31-HB36 BK 0.35 WA




2L1T-14A624-SA

C819

TO PASSENGER SIDE MIRROR UNIT

HARNESS 14K138

# SECTION 501-10 Seating

## VEHICLE APPLICATION: 2011.0 Kuga

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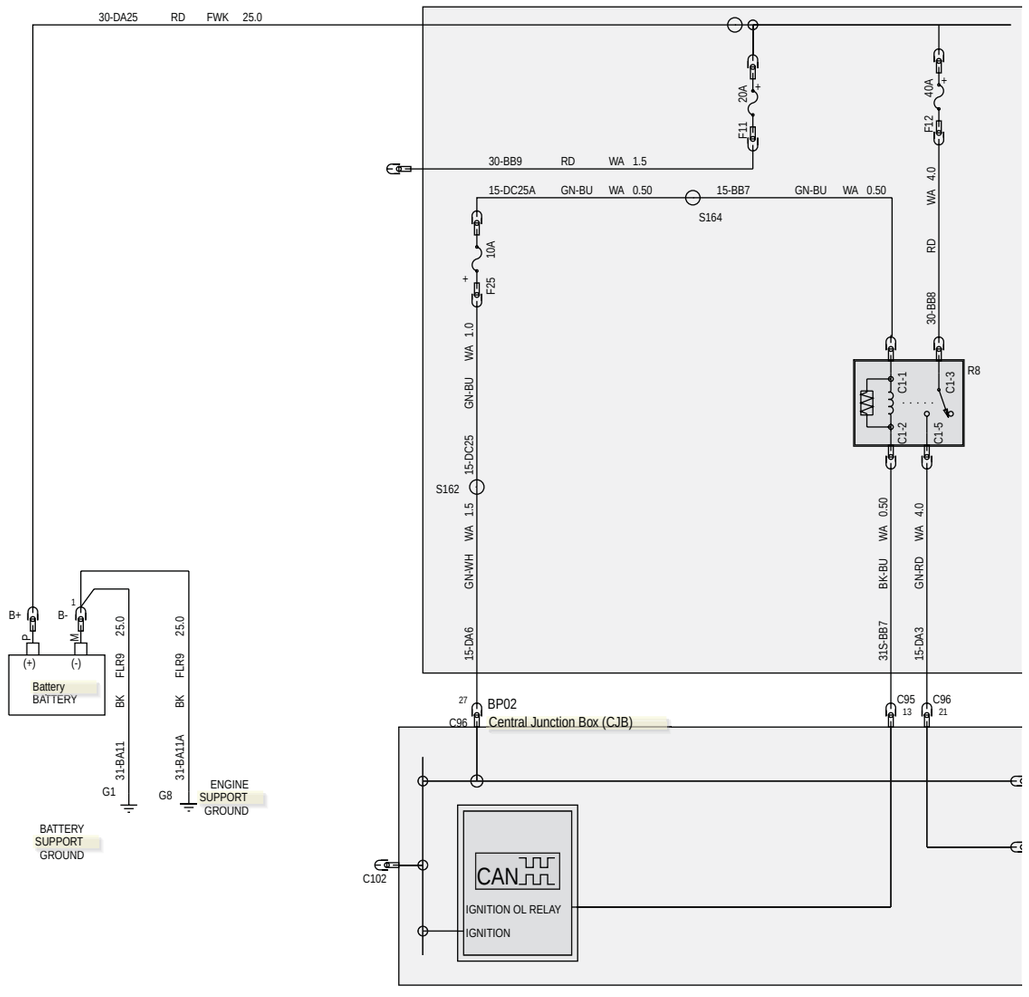
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Heated Seats — LHD 4WD/LHD FWD..... 501-10-2
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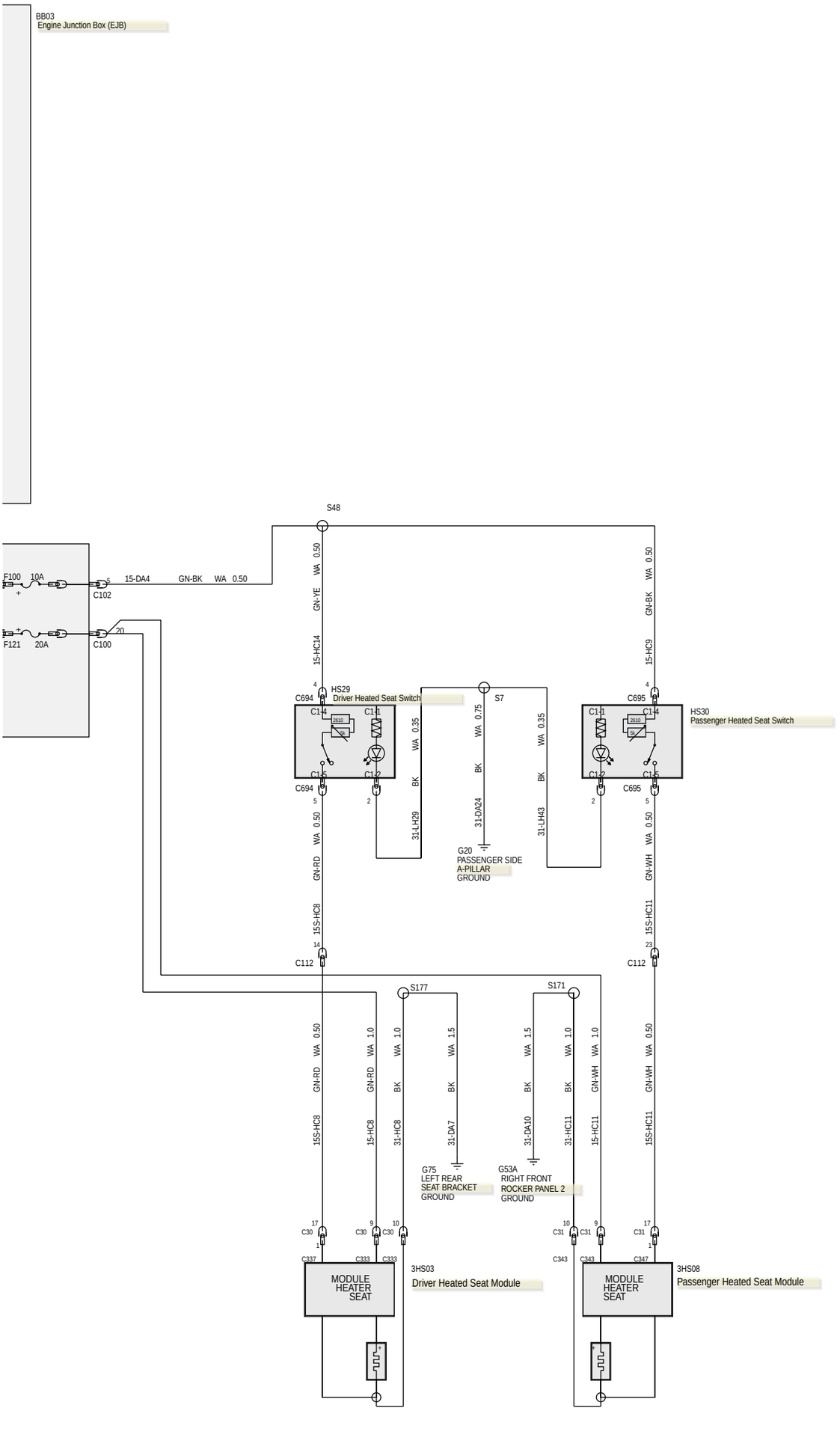
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Seat Occupant Sensor..... 501-10-13

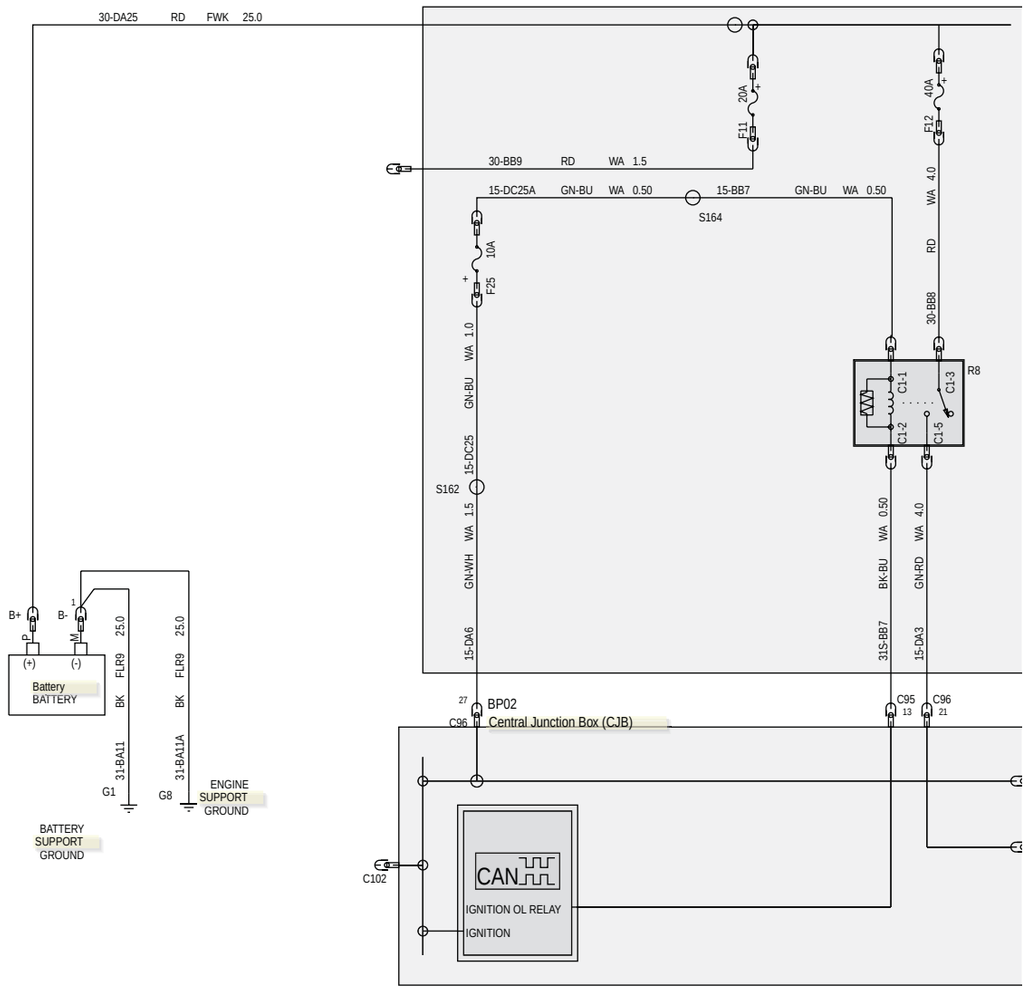
501-10-2 Heated Seats—LHD 4WD/LHD FWD



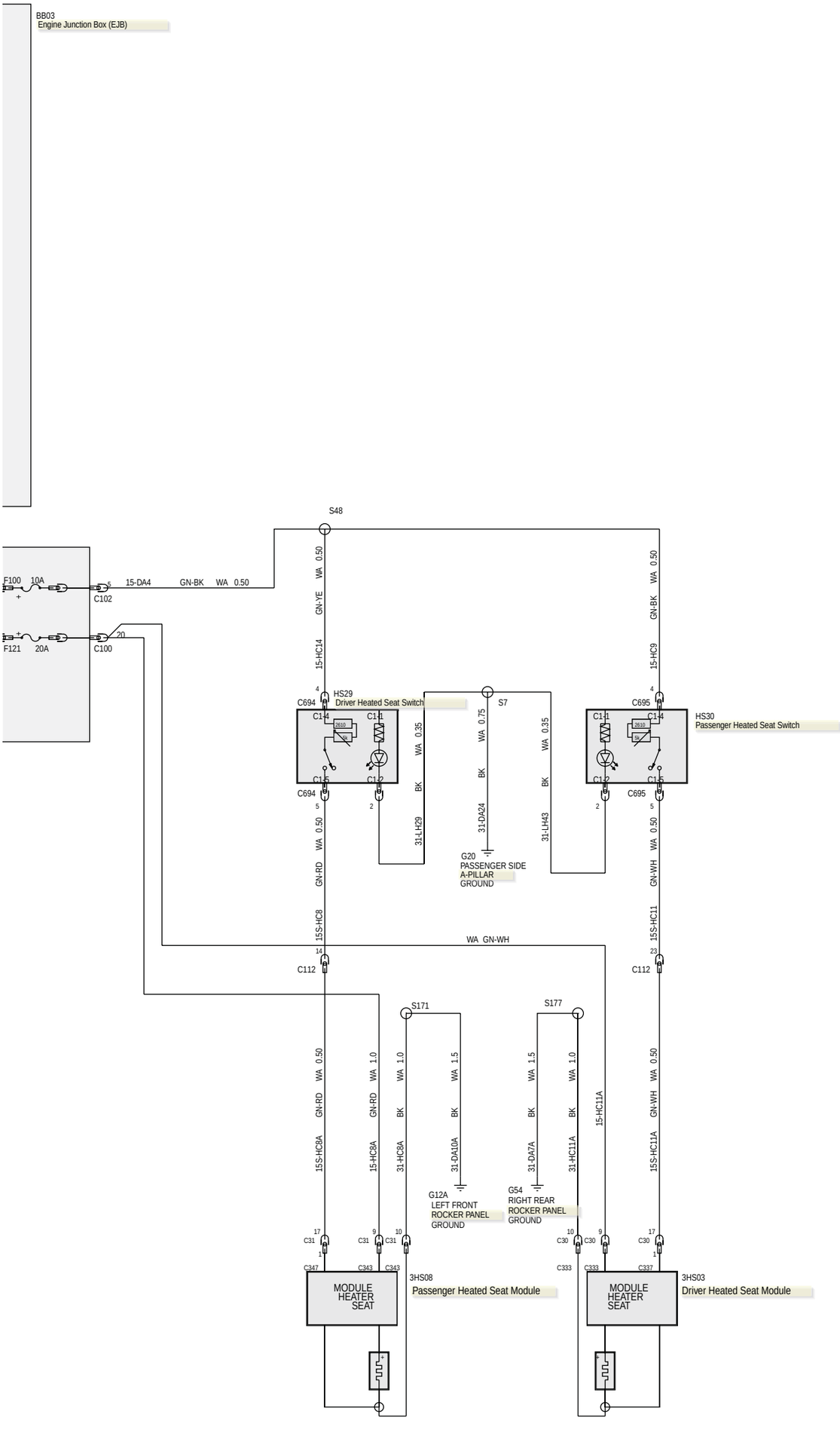
501-10-3 Heated Seats—LHD 4WD/LHD FWD



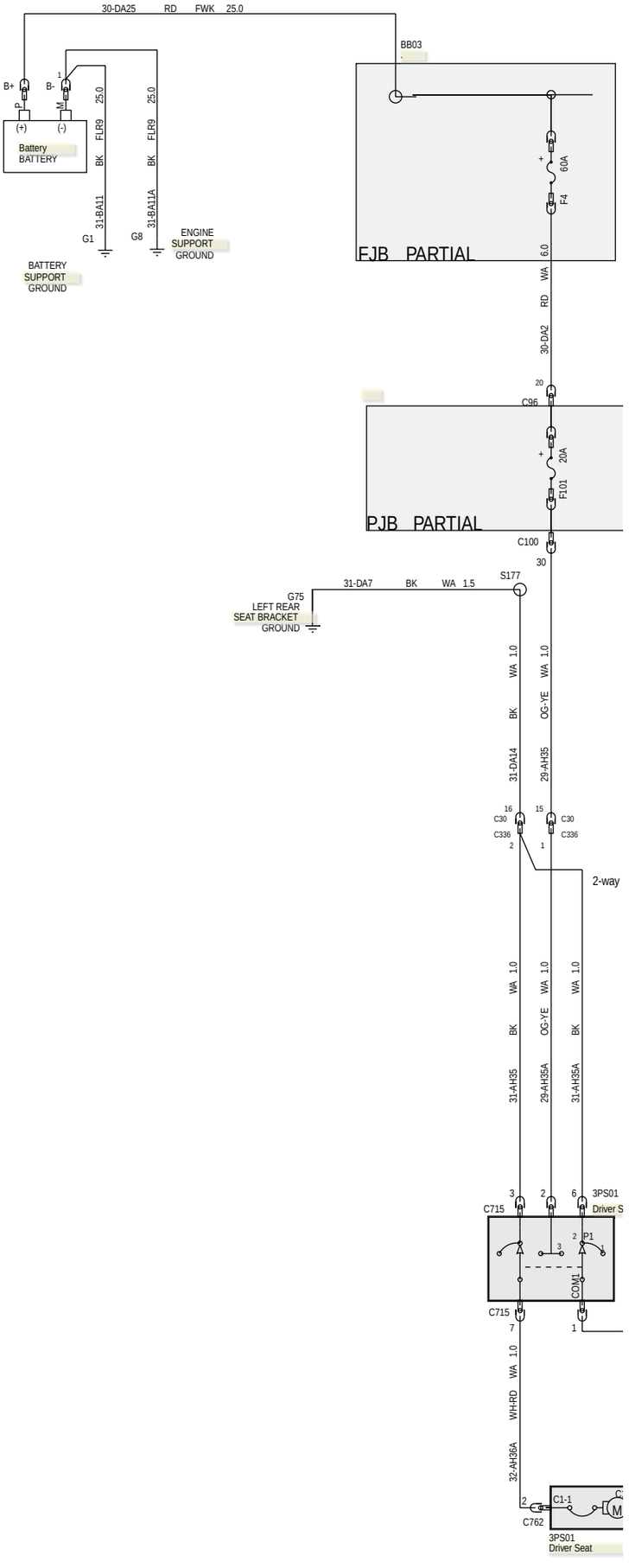
501-10-4 Heated Seats—RHD 4WD/RHD FWD



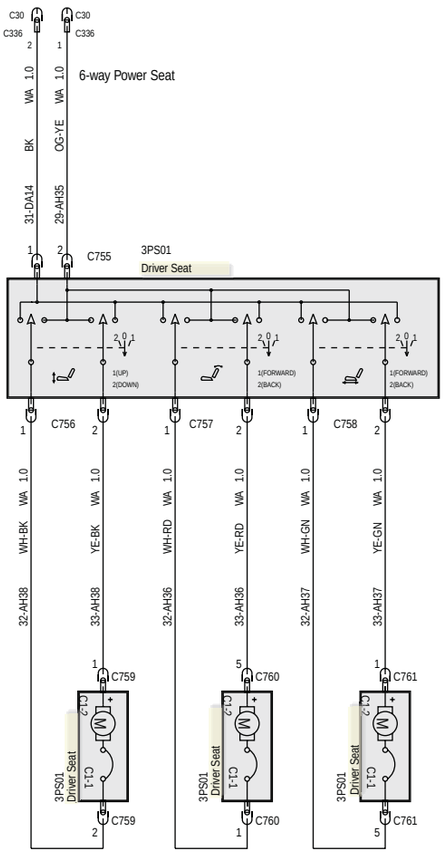
501-10-5 Heated Seats—RHD 4WD/RHD FWD



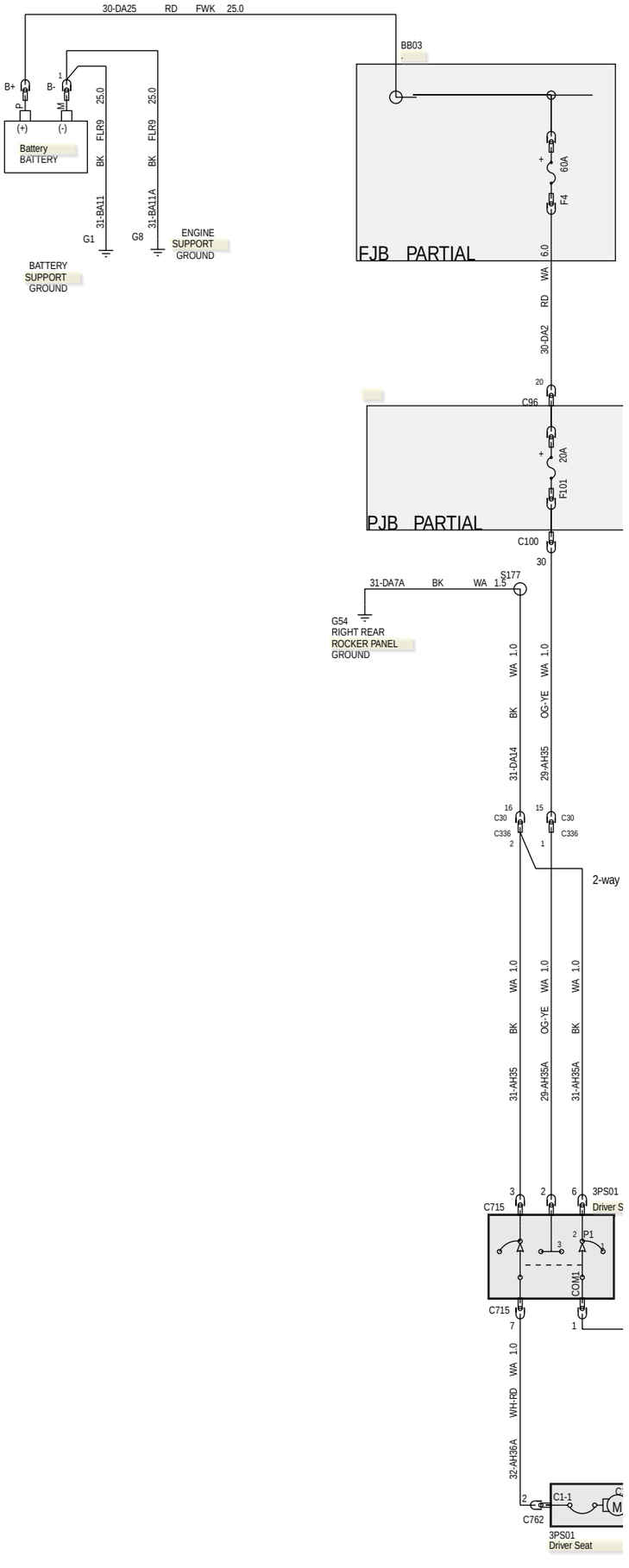
501-10-6 Power Seats—LHD 4WD/LHD FWD



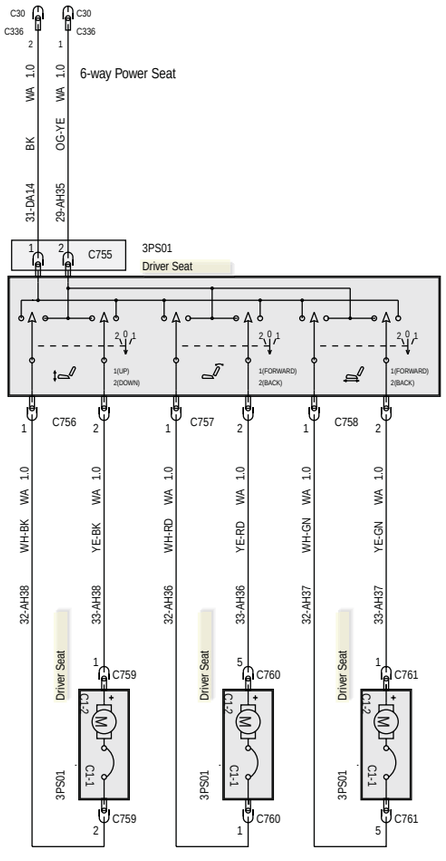
Power Seat


C30
C336
C30
C336
6-way Power Seat
WA 1.0
BK
31-DA14
OG-YE
29-AH35
C755
3PS01
Driver Seat
1(UP)
2(DOWN)
1(FORWARD)
2(BACK)
1(FORWARD)
2(BACK)
C756
C757
C758
WH-BK
YE-BK
32-AH38
33-AH38
WH-RD
YE-RD
32-AH36
33-AH36
WH-GN
YE-GN
32-AH37
33-AH37
C759
C760
C761
3PS01
Driver Seat
C1-1
C1-2
M

501-10-8 Power Seats—RHD 4WD/RHD FWD



Power Seat


C30
C336
6-way Power Seat
3PS01
Driver Seat
C755
C756
C757
C758
C759
C760
C761
1(UP)
2(DOWN)
1(FORWARD)
2(BACK)
WA 1.0
WH-BK
YE-BK
WH-RD
YE-RD
WH-GN
YE-GN
BK
OG-YE
31-DA14
29-AH35
32-AH38
33-AH38
32-AH36
33-AH36
32-AH37
33-AH37
C1-1
C1-2
C762
33-AH36A

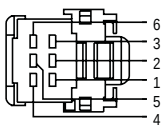
Driver Heated Seat Module (G1234705)

IMAGE NOT AVAILABLE

Driver Heated Seat Module (G1234713)

IMAGE NOT AVAILABLE

Driver Heated Seat Switch (G1234714)



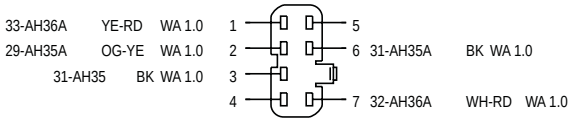

2S6T-14489-FA

C694

TO LEFT HEATED SEATS SWITCH

HARNESS 14401

## Driver Seat (G1234715)




97AG-14489-HGA

C715
TO SEAT ADJUST SWITCH

HARNESS 14B723

## Driver Seat (G1234716)




4M5T-14489-HBA

C755
TO POWER SWITCH

HARNESS 14B723

## Driver Seat (G1245482)




4M5T-14489-JBA

C756
TO POWER SWITCH

HARNESS 14B723

## Driver Seat (G1239891)




4M5T-14489-JBA

C757
TO POWER SWITCH

HARNESS 14B723

## Driver Seat (G1239892)

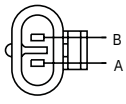



4M5T-14489-GVA

C758
TO POWER SWITCH

HARNESS 14B723

## Driver Seat (G1239893)

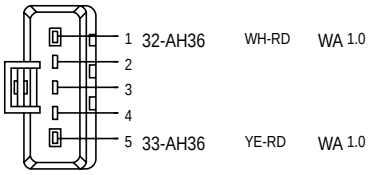



4M5T-14A464-GXA

C759
TO POWER HEIGHT MOTOR

HARNESS 14B723

## Driver Seat (G1239894)

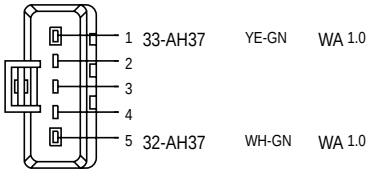



4M5T-14489-UEA

C760
TO POWER RECLINER MOTOR

HARNESS 14B723

## Driver Seat (G1239895)

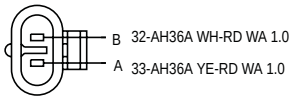



4M5T-14489-VEA

C761
TO POWER RECLINER MOTOR

HARNESS 14B723

## Driver Seat (G1245483)




4M5T-14A464-GXA

C762
TO DRIVER SEAT BACK MOTOR

HARNESS 14B723

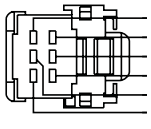
## Passenger Heated Seat Module (G1234717)

IMAGE NOT AVAILABLE

Passenger Heated Seat Module (G1234718)

IMAGE NOT AVAILABLE

Passenger Heated Seat Switch (G1234719)




| | | | | |
|---|---|---|---|---|
| 31-LH43 | BK | WA | 0.35 | |
| 29S-LH43 | OG-BU | WA | 0.35 | |
| 15S-HC11 | GN-WH | WA | 0.50 | |
| 15-HC9 | GN-BK | WA | 0.50 | |

2S6T-14489-FA

C695

TO RIGHT HEATED SEATS SWITCH

HARNESS 14401

Seat Occupant Sensor (G1376018)

IMAGE NOT AVAILABLE

# SECTION 501-11 Glass, Frames and Mechanisms

## VEHICLE APPLICATION: 2011.0 Kuga

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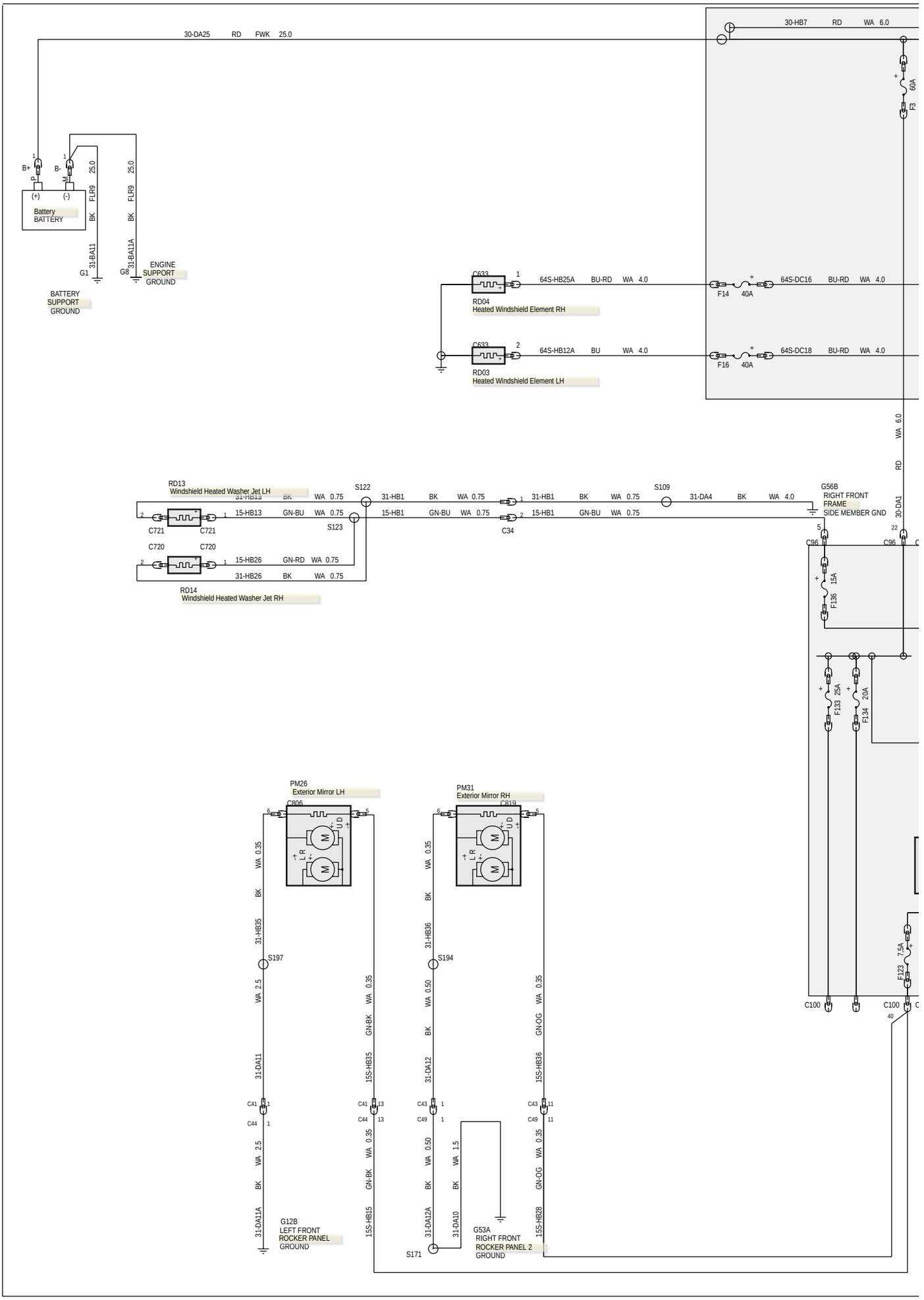
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Heated Windshield, Rear Window, Exterior Mirrors and Washer Jets — Vehicles Without: Door Module ..... 501-11-4
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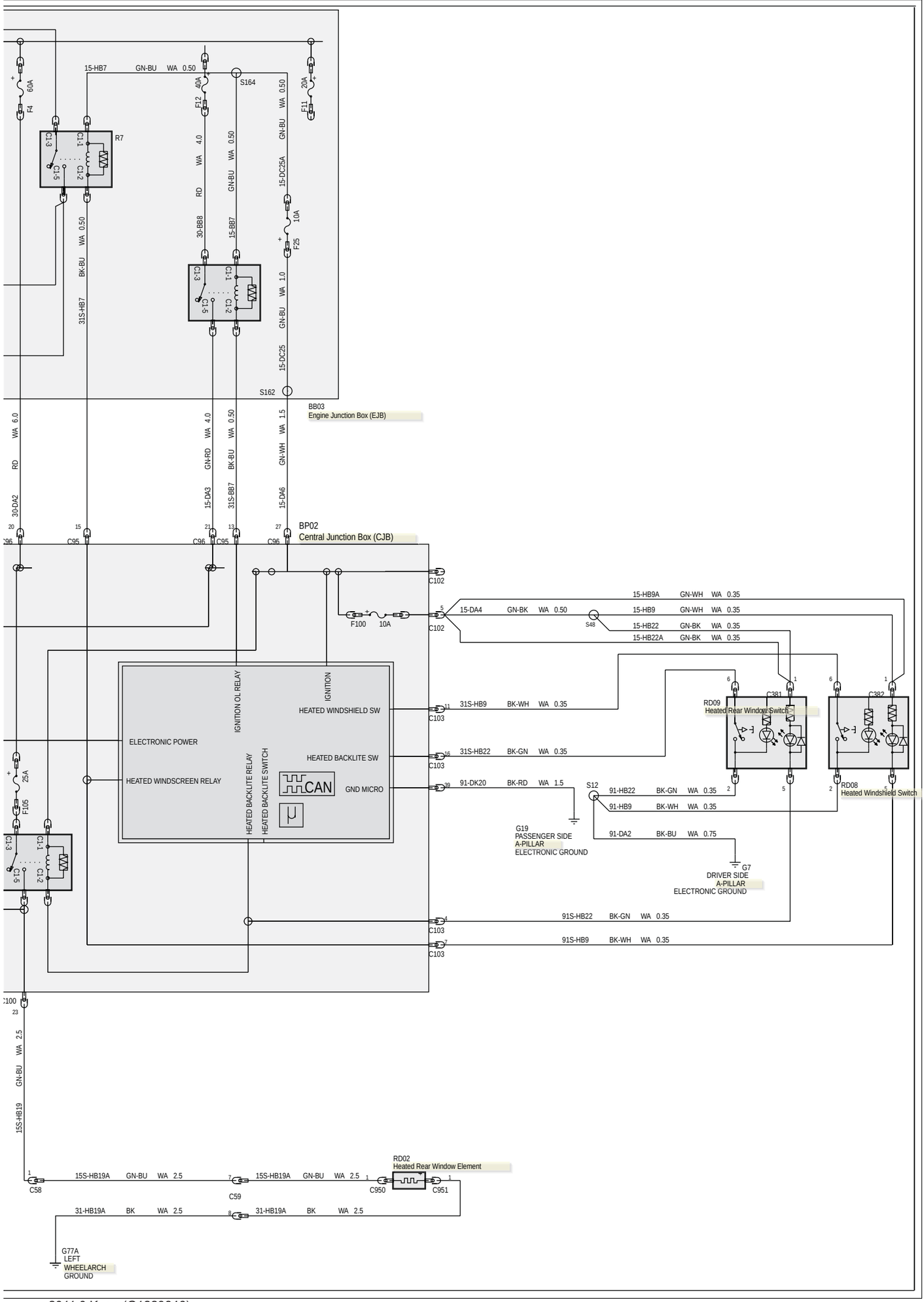
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Heated Windshield Switch and Heated Rear Window Switch Assembly ..... 501-11-15
Passenger Door Window Control Switch ..... 501-11-15
Rear Door Window Control Switch ..... 501-11-15

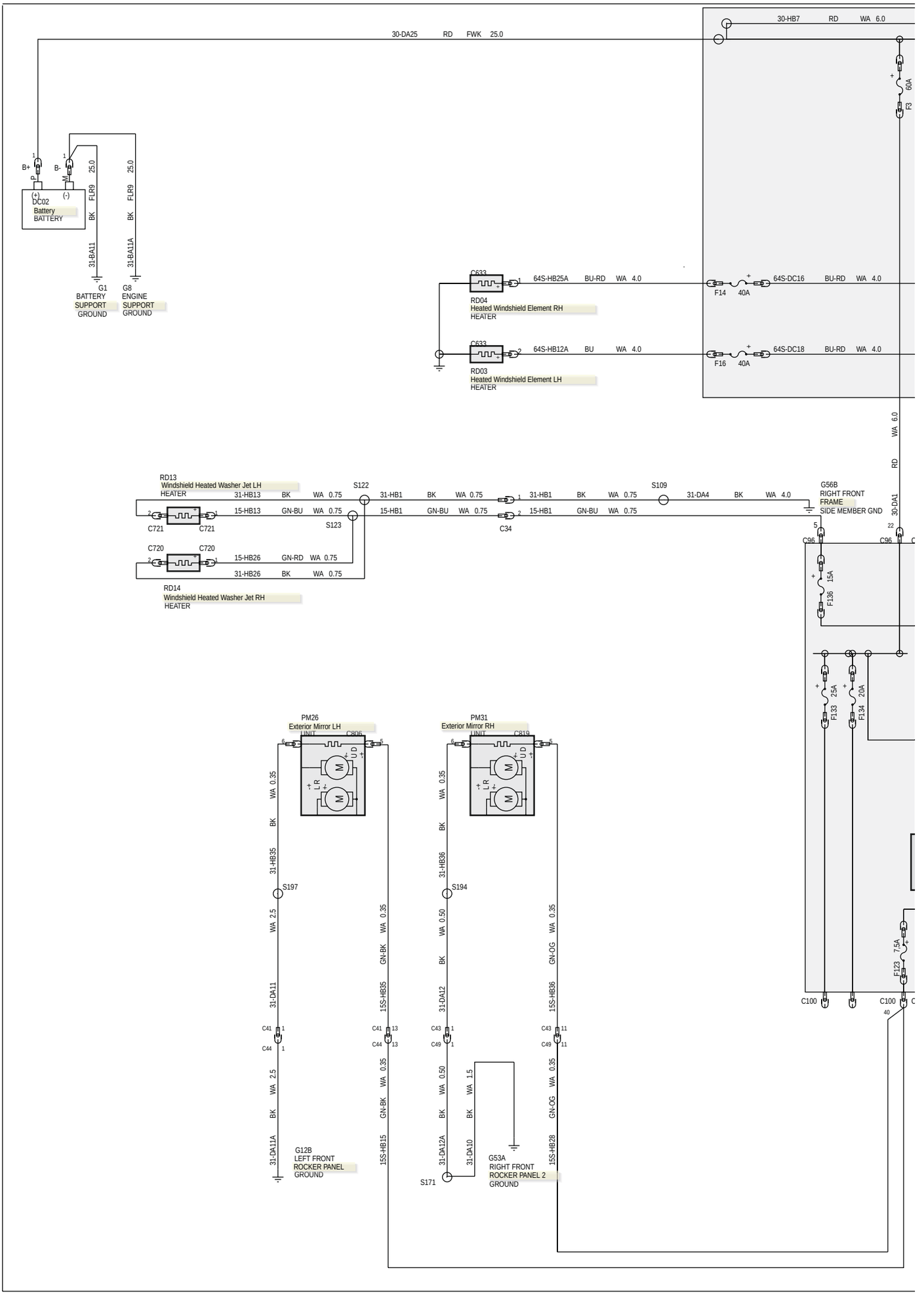
501-11-2 Heated Windshield, Rear Window, Exterior Mirrors and Washer Jets—Vehicles Without: Door Module



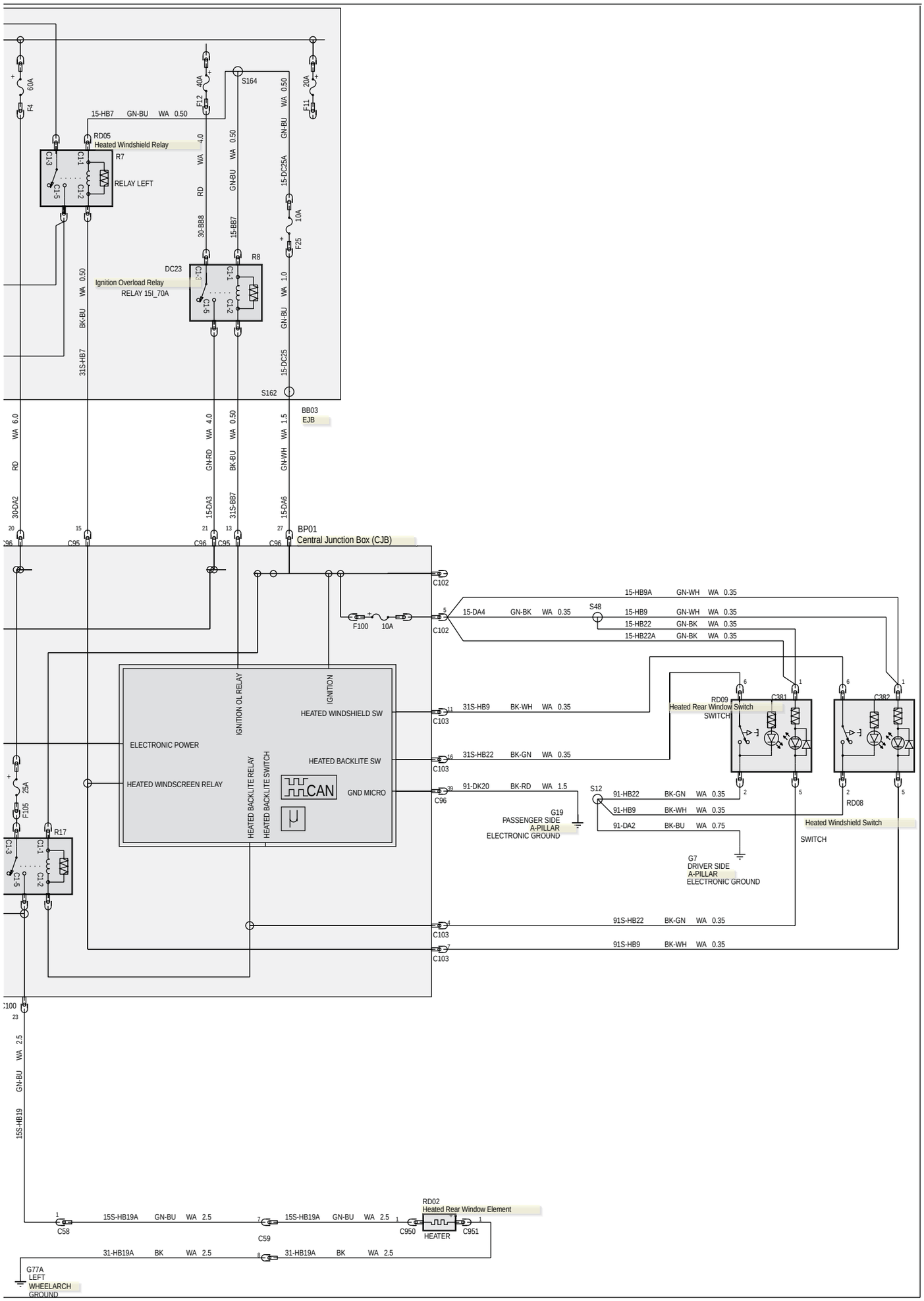
501-11-3 Heated Windshield, Rear Window, Exterior Mirrors and Washer Jets—Vehicles Without: Door Module



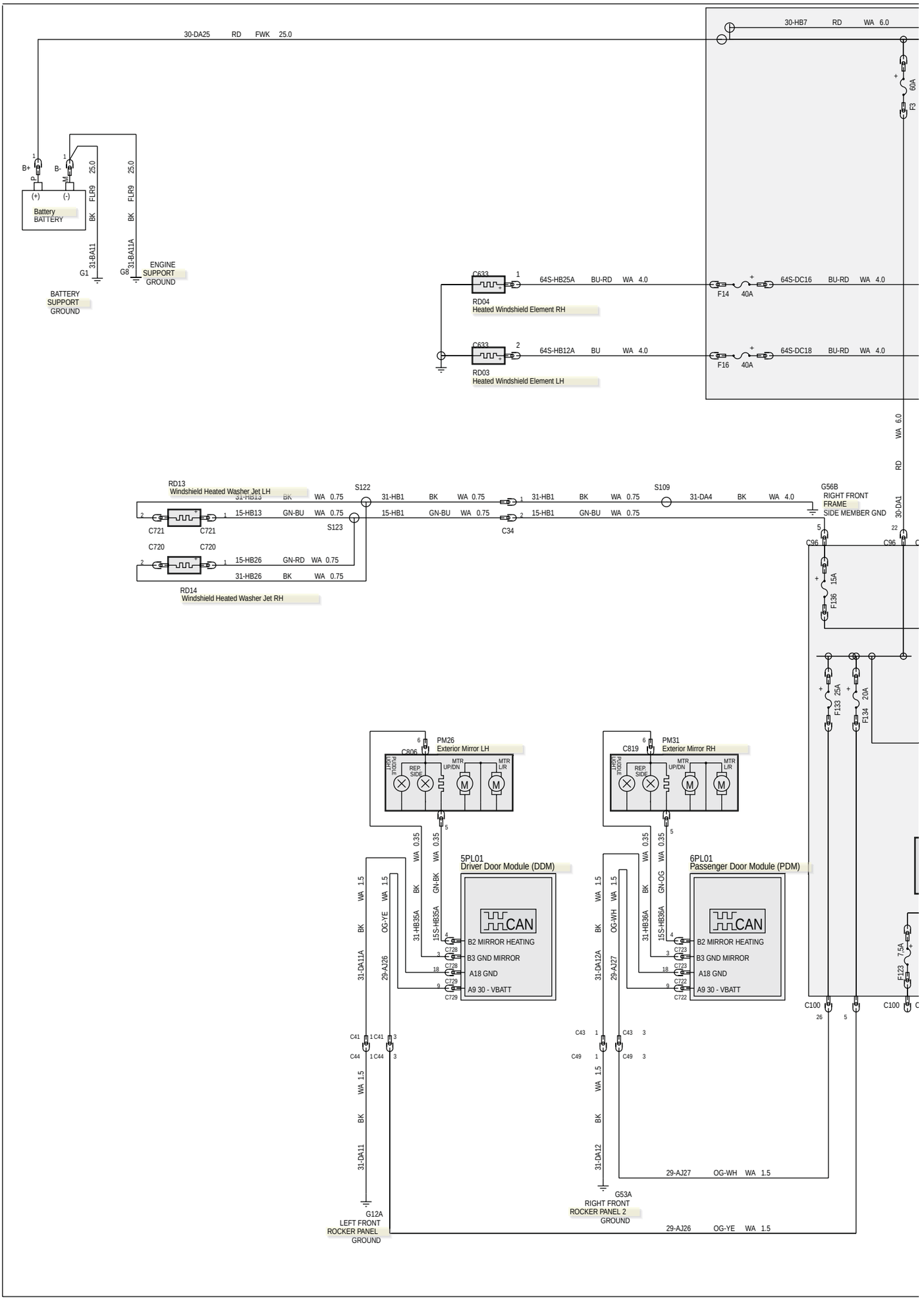
501-11-4 Heated Windshield, Rear Window, Exterior Mirrors and Washer Jets—Vehicles Without: Door Module



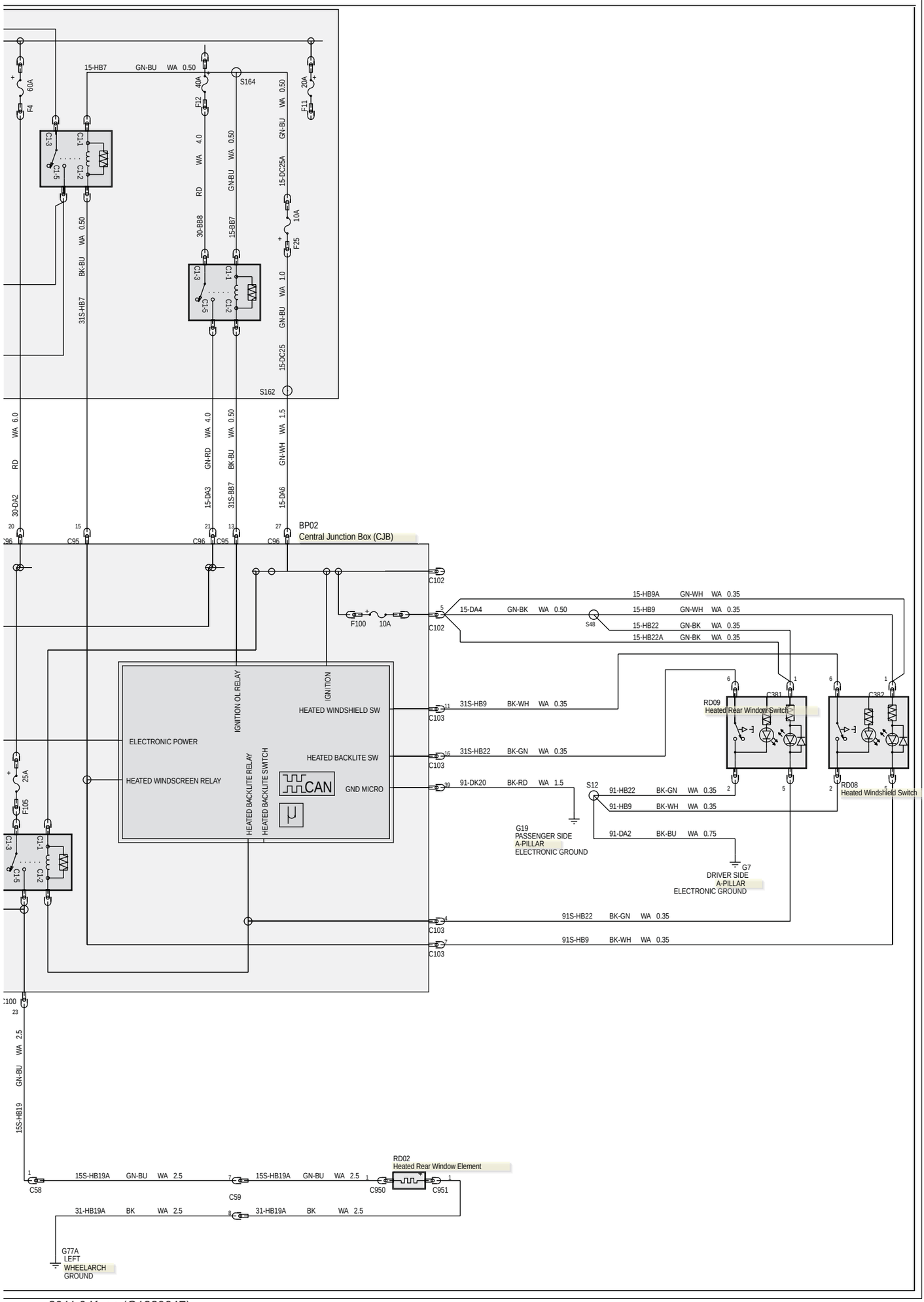
501-11-5 Heated Windshield, Rear Window, Exterior Mirrors and Washer Jets—Vehicles Without: Door Module



501-11-6 Heated Windshield, Rear Window, Exterior Mirrors and Washer Jets—Vehicles With: Door Module

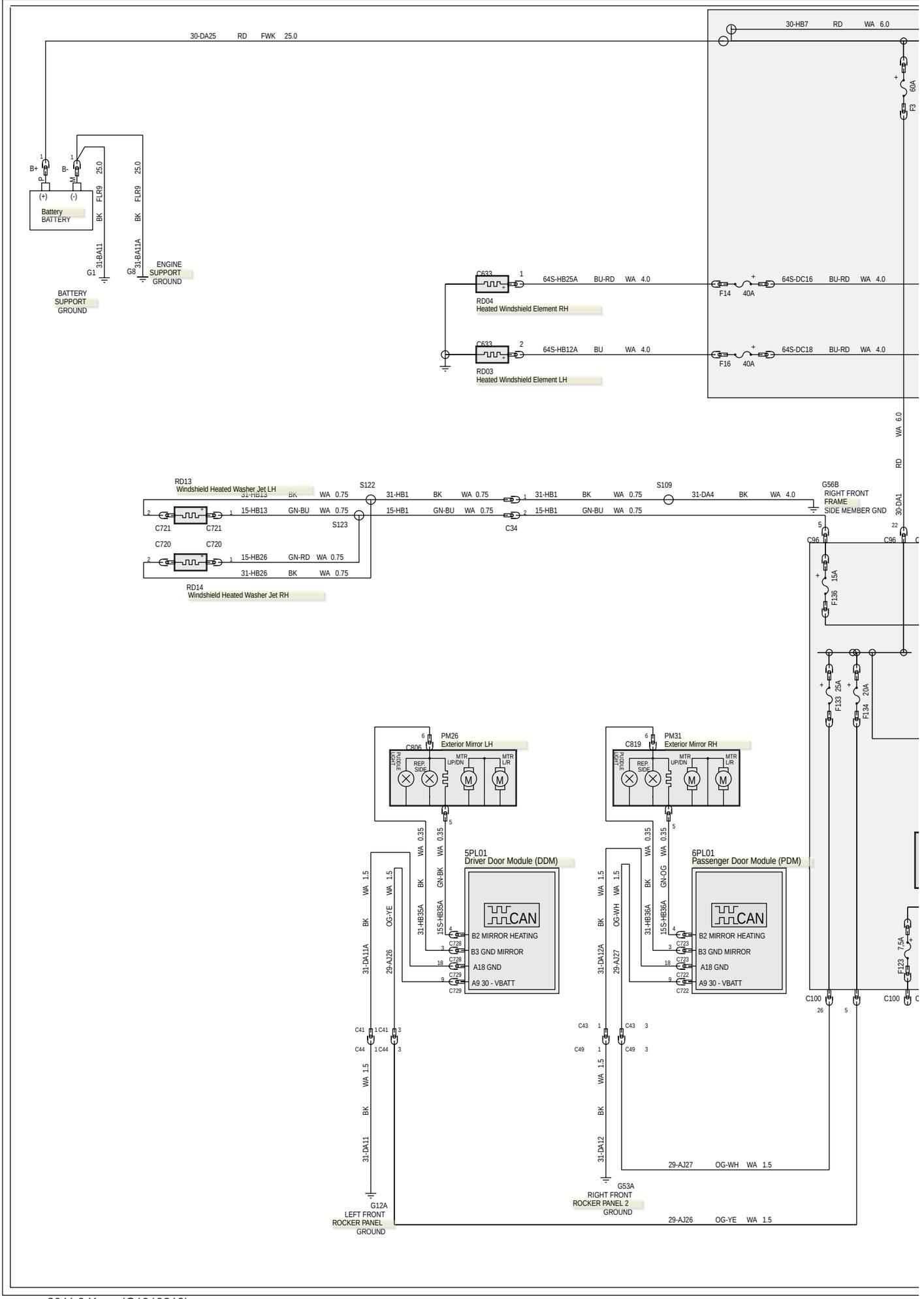


501-11-7 Heated Windshield, Rear Window, Exterior Mirrors and Washer Jets—Vehicles With: Door Module

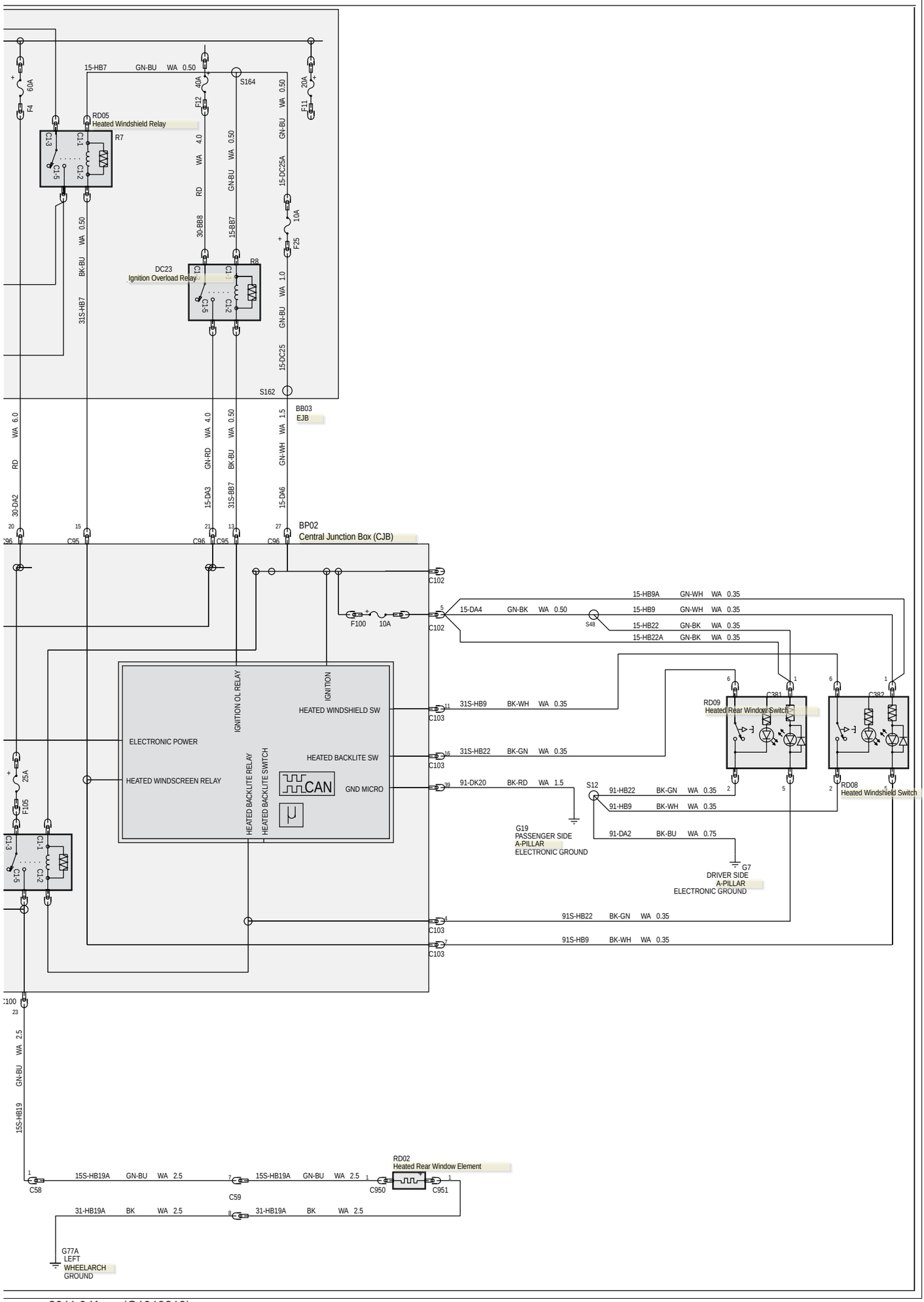



2011.0 Kuga (G1223847)

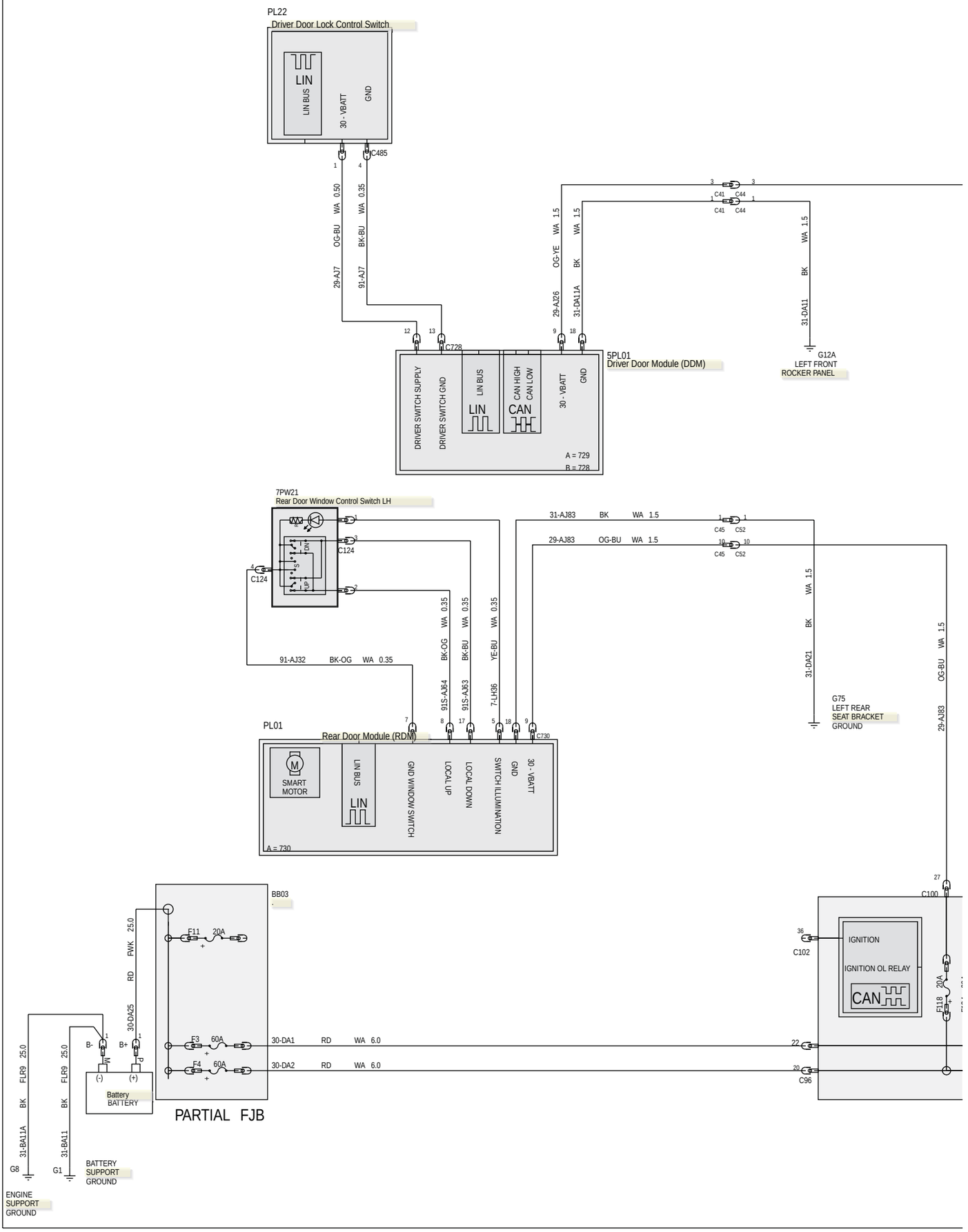
501-11-8 Heated Windshield, Rear Window, Exterior Mirrors and Washer Jets—Vehicles With: Door Module



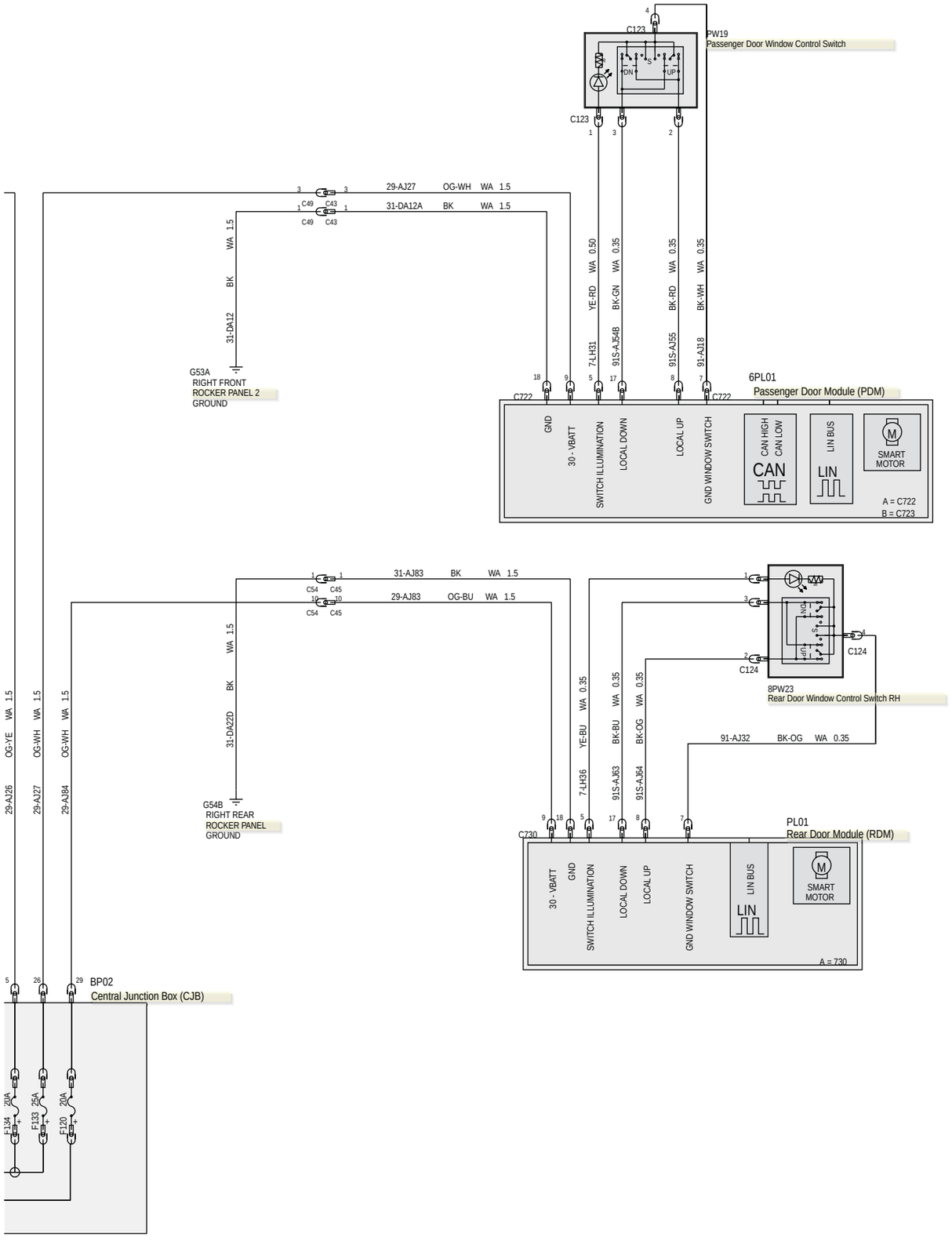
501-11-9 Heated Windshield, Rear Window, Exterior Mirrors and Washer Jets—Vehicles With: Door Module



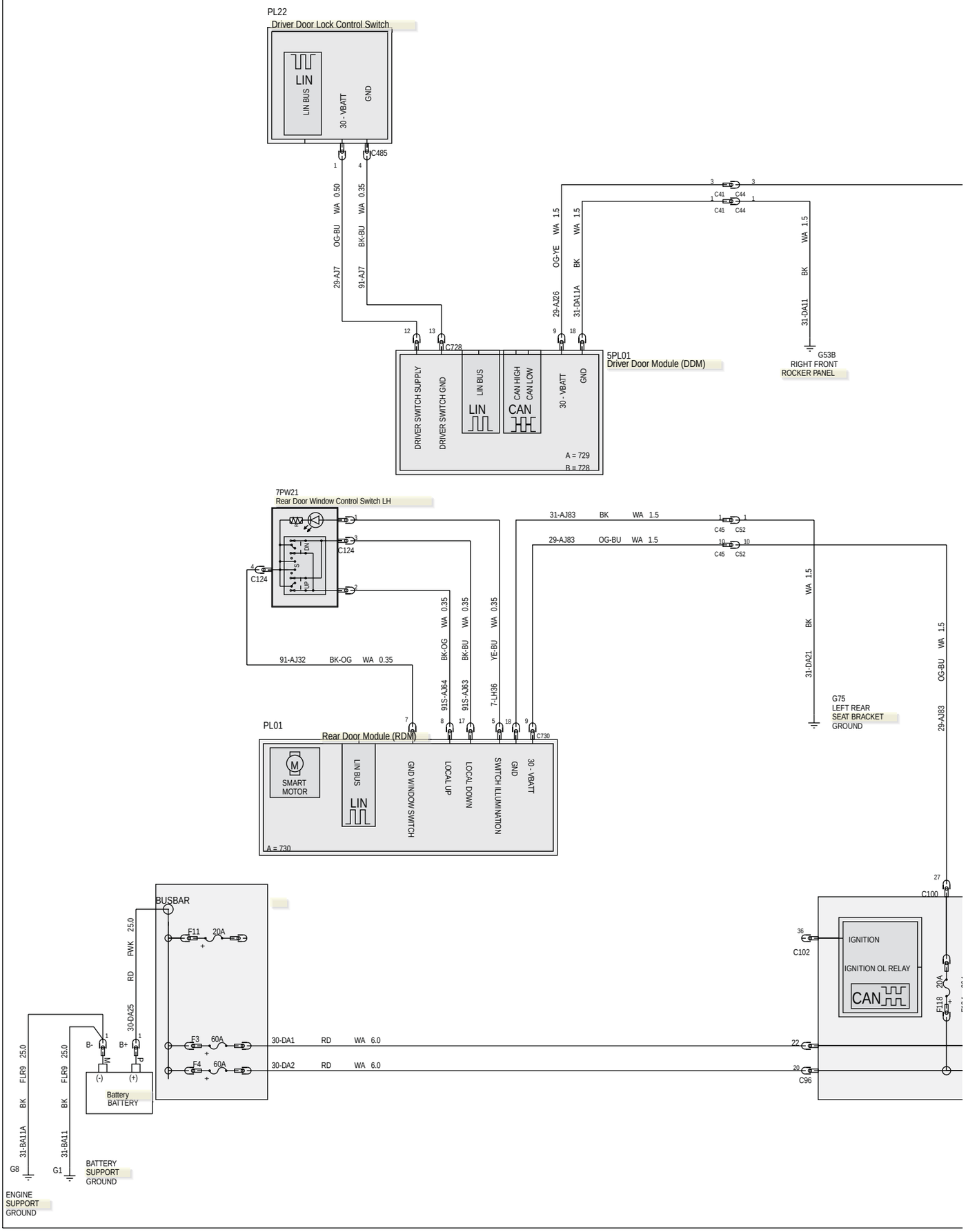
501-11-10 Power Windows—LHD 4WD/LHD FWD



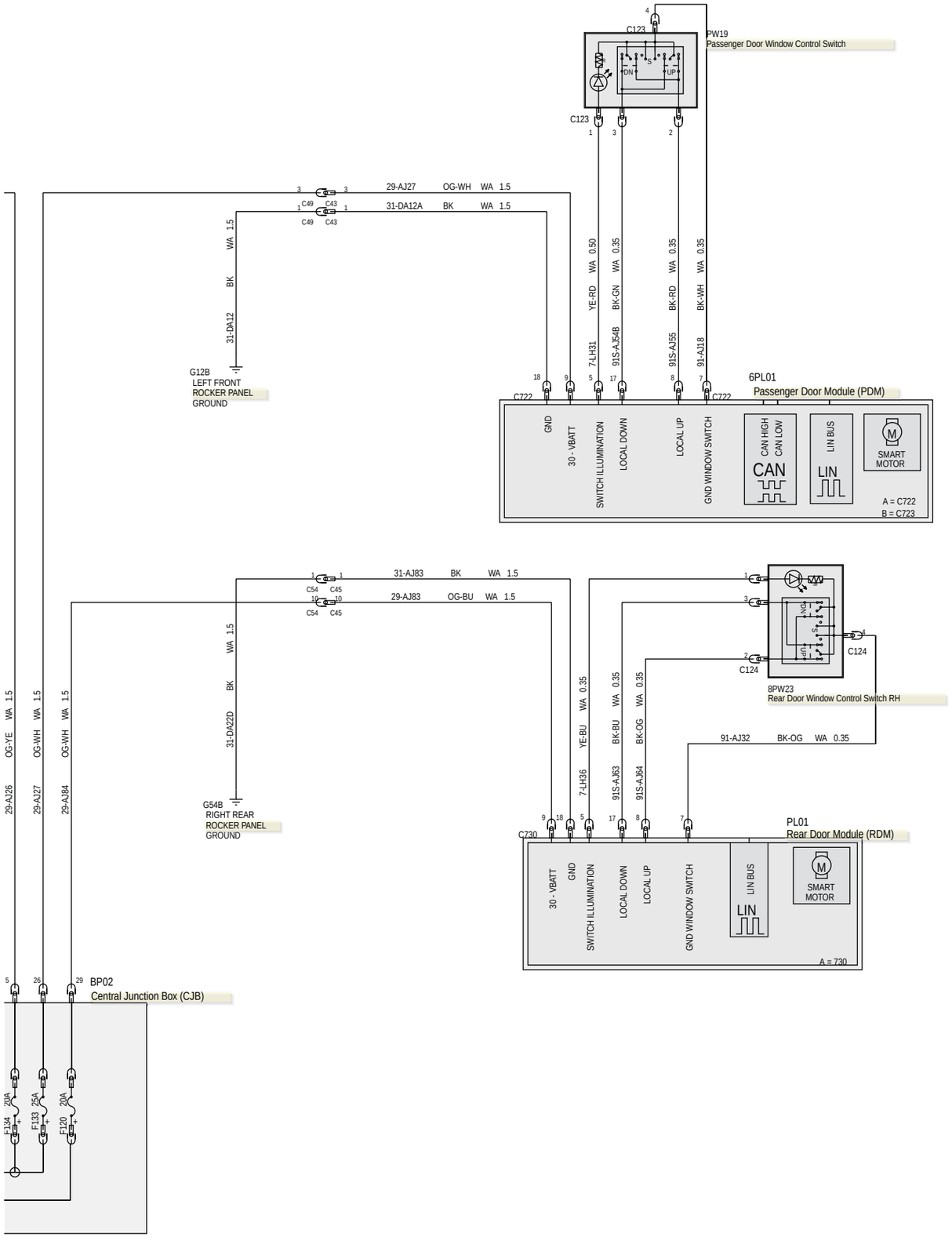

2011.0 Kuga (G1223848)


C123
PW19
Passenger Door Window Control Switch
DN
UP
29-AJ27 OG-WH WA 1.5
31-DA12A BK WA 1.5
C49 C43
WA 1.5
BK
31-DA12
G53A
RIGHT FRONT
ROCKER PANEL 2
GROUND
YE-RD WA 0.50
BK-GN WA 0.35
BK-RD WA 0.35
BK-WH WA 0.35
7-LH31
91S-AJ54B
91S-AJ55
91-AJ18
6PL01
Passenger Door Module (PDM)
C722
GND
30 - VBATT
SWITCH ILLUMINATION
LOCAL DOWN
LOCAL UP
GND WINDOW SWITCH
CAN HIGH
CAN LOW
CAN
LIN BUS
LIN
SMART MOTOR
A = C722
B = C723
31-AJ83 BK WA 1.5
29-AJ83 OG-BU WA 1.5
C54 C45
31-DA22D
G54B
RIGHT REAR
ROCKER PANEL
GROUND
C124
8PW23
Rear Door Window Control Switch RH
91-AJ32 BK-OG WA 0.35
YE-BU WA 0.35
BK-BU WA 0.35
BK-OG WA 0.35
7-LH36
91S-AJ63
91S-AJ64
C730
PL01
Rear Door Module (RDM)
A = 730
OG-YE WA 1.5
OG-WH WA 1.5
OG-WH WA 1.5
29-AJ26
29-AJ27
29-AJ84
BP02
Central Junction Box (CJB)
F134 20A
F133 25A
F120 20A

501-11-12 Power Windows—RHD 4WD/RHD FWD

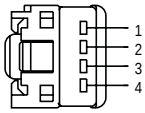



2011.0 Kuga (G1223849)


C123
PW19
Passenger Door Window Control Switch
DN
UP
29-AJ27 OG-WH WA 1.5
31-DA12A BK WA 1.5
C49 C43
WA 1.5
BK
31-DA12
G12B
LEFT FRONT
ROCKER PANEL
GROUND
YE-RD WA 0.50
BK-GN WA 0.35
BK-RD WA 0.35
BK-WH WA 0.35
7-LH31
91S-AJ54B
91S-AJ55
91-AJ18
6PL01
Passenger Door Module (PDM)
C722
GND
30 - VBATT
SWITCH ILLUMINATION
LOCAL DOWN
LOCAL UP
GND WINDOW SWITCH
CAN HIGH
CAN LOW
CAN
LIN BUS
LIN
SMART MOTOR
A = C722
B = C723
31-AJ83 BK WA 1.5
29-AJ83 OG-BU WA 1.5
C54 C45
31-DA22D
G54B
RIGHT REAR
ROCKER PANEL
GROUND
C124
8PW23
Rear Door Window Control Switch RH
91-AJ32 BK-OG WA 0.35
YE-BU WA 0.35
BK-BU WA 0.35
BK-OG WA 0.35
7-LH36
91S-AJ63
91S-AJ64
C730
PL01
Rear Door Module (RDM)
A = 730
OG-YE WA 1.5
OG-WH WA 1.5
OG-WH WA 1.5
29-AJ26
29-AJ27
29-AJ84
BP02
Central Junction Box (CJB)
F134 20A
F133 25A
F120 20A

## Driver Door Lock Control Switch (G1234724)

PIN 3 => 4-EE9C GY-OG 0.35 WA



| | | | | |
|---|---|---|---|---|
| 1 | 29-AJ7 | OG-BU | WA | 0.50 |
| 2 | | | | |
| 3 | 4-EE9 | GY-OG | WA | 0.35 |
| 4 | 91-AJ7 | BK-BU | WA | 0.35 |

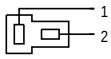
1L2T-14489-GB

C485
TO DRIVER DOOR SWITCH

HARNESS 14A584

## Heated Rear Window Element (G1234725)

PIN 1 => 15S-HB19A GN-BU 2.5 WA
PIN 1 => 31-HB19 BK 2.5 WA
PIN 1 => 31-HB19 BK 2.5 WA + 31-DA13 BK 0.75 WA



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 31-DA13 | BK | WA | 0.75 | + 31-HB19 | BK | WA 2.5 |
| 2 | | | | | | | |

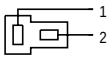
81AG-14488-GA

C950
TO REAR WINDOW HEATER LEFT

HARNESS 14B562

## Heated Rear Window Element (G1234726)

PIN 1 => 15S-HB19 GN-BU 2.5 WA



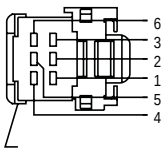
| | | | | |
|---|---|---|---|---|
| 1 | 31-HB19A | BK | WA | 2.5 |
| 2 | | | | |

81AG-14488-GA

C951
TO REAR WINDOW HEATER RIGHT

HARNESS 14B562

## Heated Rear Window Switch (G1235631)



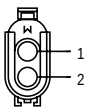
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 6 | 31S-HB22 | BK-GN | WA | 0.35 | | | |
| 3 | 29S-HB22 | OG-BK | WA | 0.35 | | | |
| 2 | 91-HB22 | BK-GN | WA | 0.35 | | | |
| 1 | 15-HB22A | GN-BK | WA | 0.35 | + 15-HB22 | GN-BK | WA 0.35 |
| 5 | 91S-HB22 | BK-GN | WA | 0.35 | | | |
| 4 | | | | | | | |

4S7T-14489-DA

C381
TO HEATED BACKLITE SWITCH

HARNESS 14401

## Heated Windshield Element (G1236325)



| | | | | |
|---|---|---|---|---|
| 1 | 64S-HB25A | BU-RD | WA | 4.0 |
| 2 | 64S-HB12A | BU | WA | 4.0 |

91AG-14A464-EBA

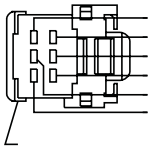
C633
TO FRONT WINDOW HEATERS

HARNESS 14K733

## Heated Windshield Relay (G1313060)

IMAGE NOT AVAILABLE

## Heated Windshield Switch and Heated Rear Window Switch Assembly (G1236028)



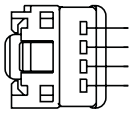
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 6 | 31S-HB9 | BK-WH | WA 0.35 | | | | | |
| 3 | 29S-HB9 | OG-WH | WA 0.35 | | | | | |
| 2 | 91-HB9 | BK-WH | WA 0.35 | | | | | |
| 1 | 15-HB9A | GN-WH | WA 0.35 | + | 15-HB9 | GN-WH | WA 0.35 | |
| 5 | 91S-HB9 | BK-WH | WA 0.35 | | | | | |
| 4 | | | | | | | | |

4S7T-14489-EA

C382
TO HEATED WINDSHIELD SWITCH

HARNESS 14401

## Passenger Door Window Control Switch (G1234727)



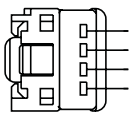
| | | | |
|---|---|---|---|
| 1 | 7-LH31 | YE-RD | WA 0.50 |
| 2 | 91S-AJ55 | BK-RD | WA 0.35 |
| 3 | 91S-AJ54B | BK-GN | WA 0.35 |
| 4 | 91-AJ18 | BK-WH | WA 0.35 |

1L2T-14489-GB

C123
TO PASS FRONT WINDW ADJUST SWITCH

HARNESS 14K138

## Rear Door Window Control Switch (G1236326)



| | | | |
|---|---|---|---|
| 1 | 7-LH36 | YE-BU | WA 0.35 |
| 2 | 91S-AJ64 | BK-OG | WA 0.35 |
| 3 | 91S-AJ63 | BK-BU | WA 0.35 |
| 4 | 91-AJ32 | BK-OG | WA 0.35 |

1L2T-14489-GB

C124
TO REAR WINDOW ADJUST SWITCH

HARNESS 14240

# SECTION 501-12 Instrument Panel and Console

## VEHICLE APPLICATION: 2011.0 Kuga

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Cigar Lighter..... 501-12-2
Luggage Compartment Power Outlet Socket..... 501-12-2
Rear Passenger Power Outlet Socket..... 501-12-2

## Cigar Lighter (G1239896)

PIN 1 => 29S-LK15A OG 0.50 WA



1 29S-LK15 OG WA 0.50

93BG-14488-SA

C911
TO FRONT CIGAR LIGHTER (ILLUMINATION)

HARNESS 14B079

## Cigar Lighter (G1234732)



1 31-HA6 BK WA 2.5
2 29-HA6 OG-YE WA 2.5

93BG-14488-GA

C912
TO FRONT CIGAR LIGHTER

HARNESS 14B079

## Luggage Compartment Power Outlet Socket (G1234733)

PIN 1 => 31-HA28A BK 2.5 WA
PIN 1 => 31-LF24 BK 1.0 WA + 31-HA28 BK 2.5 WA



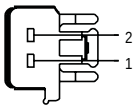
1 31-HA28 BK WA 2.5 + 31-LF24 BK WA 1.0
2 29-HA28 OG WA 2.5

93BG-14488-GA

C602
TO LUGGAGE COMPARTMENT POWER POINT

HARNESS 14014

## Rear Passenger Power Outlet Socket (G1234734)



2 29-HA30 OG-GN WA 2.5
1 31-HA30 BK WA 2.5

4S7T-14489-VNA

C158
TO REAR CONSOLE POWER POINT

HARNESS 15K857

# SECTION 501-14 Handles, Locks, Latches and Entry Systems

## VEHICLE APPLICATION: 2011.0 Kuga

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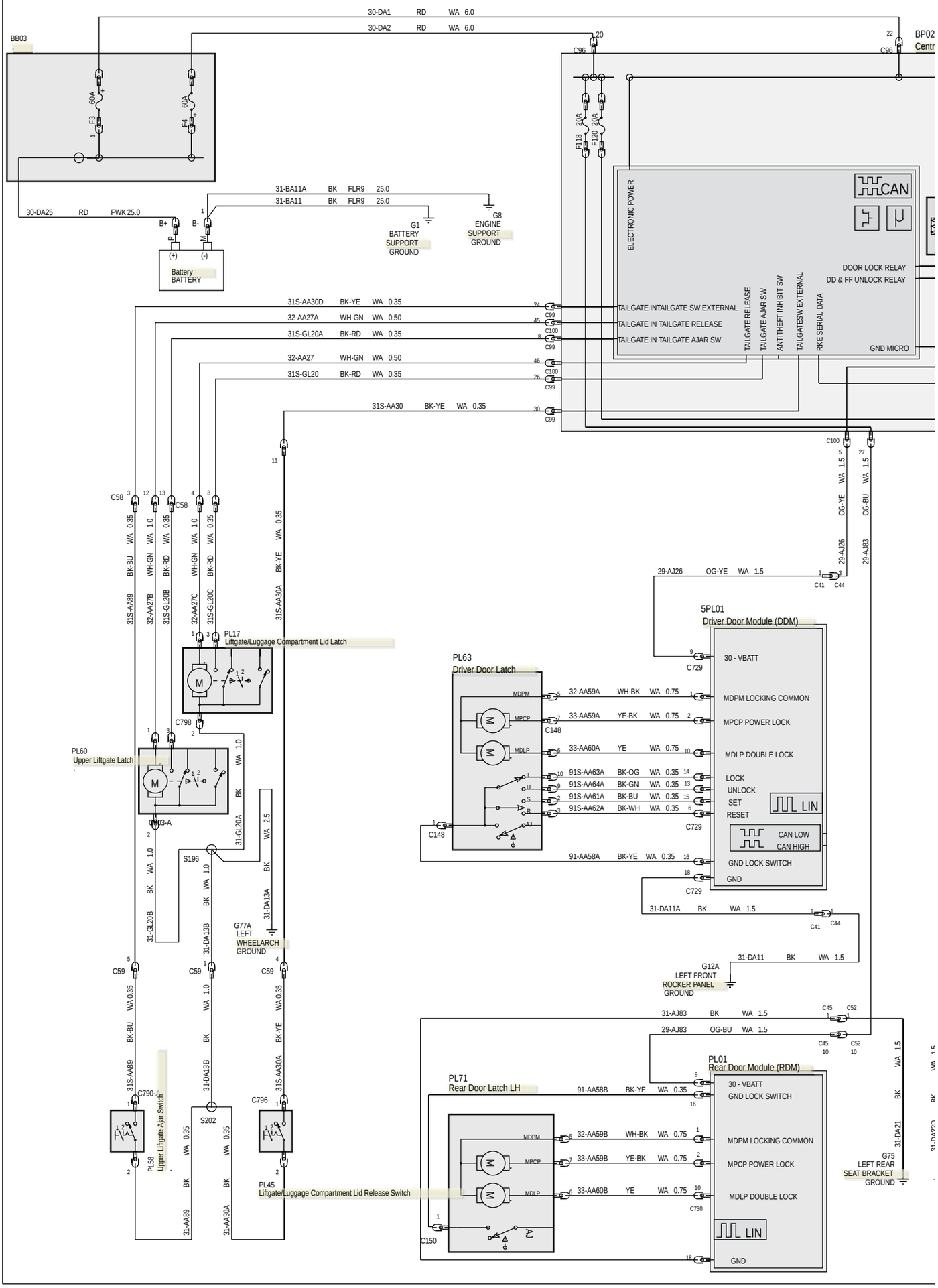
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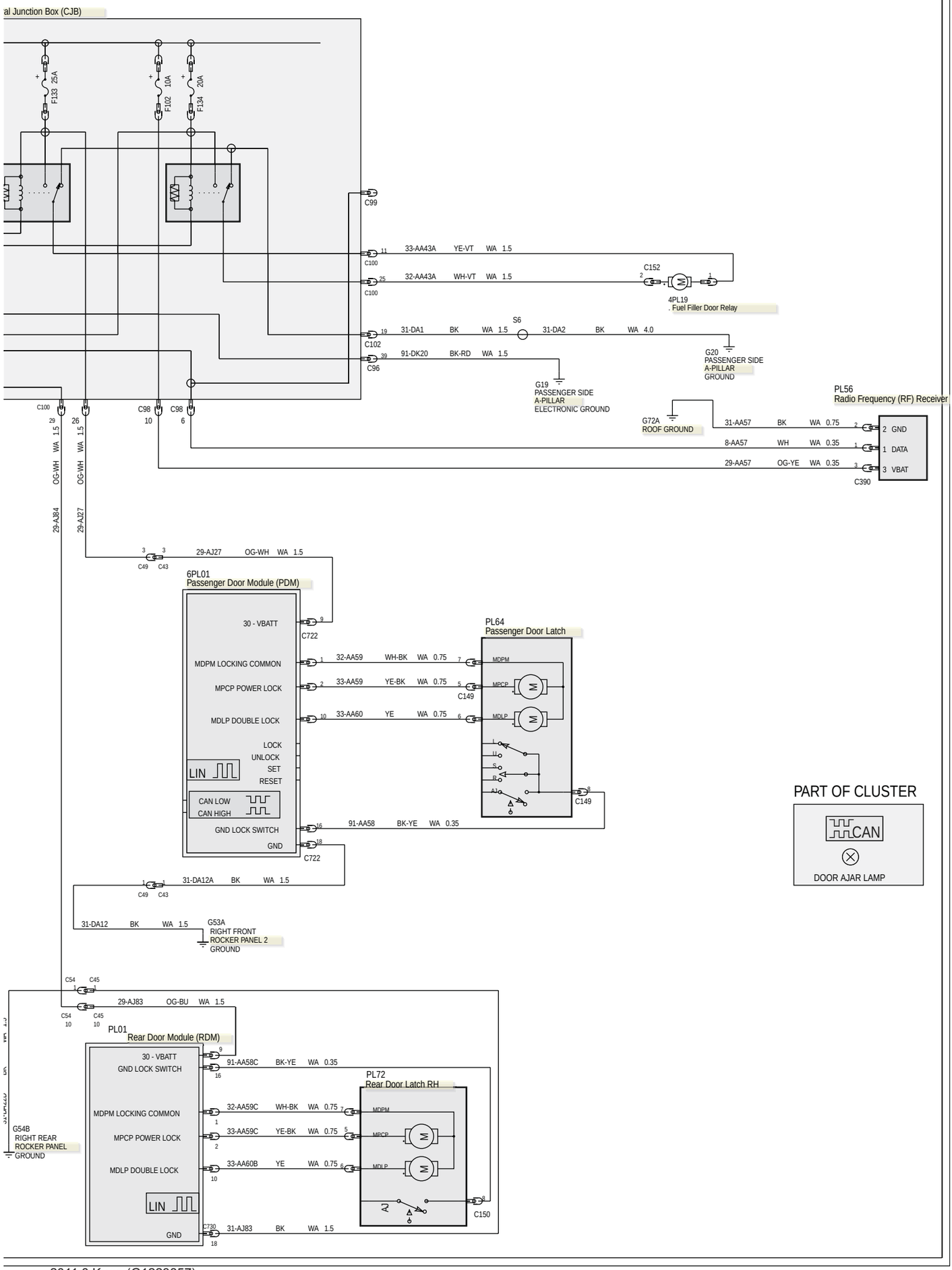
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501-14-3 Power Door Locks—LHD 4WD/LHD FWD, Vehicles Without: Remote Keyless Entry (RKE)

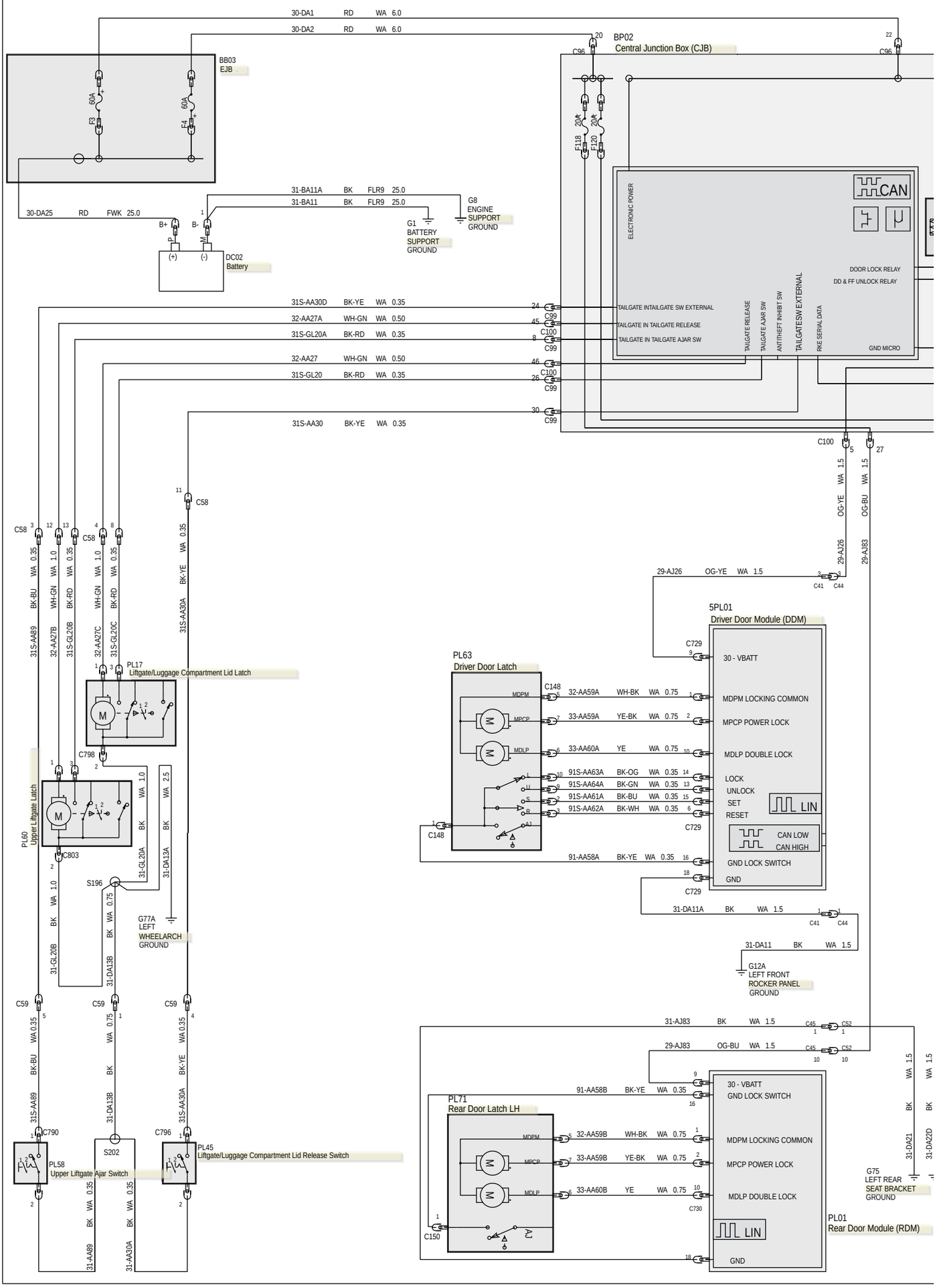



2011.0 Kuga (G1223857)

501-14-4 Power Door Locks—LHD 4WD/LHD FWD, Vehicles Without: Remote Keyless Entry (RKE)

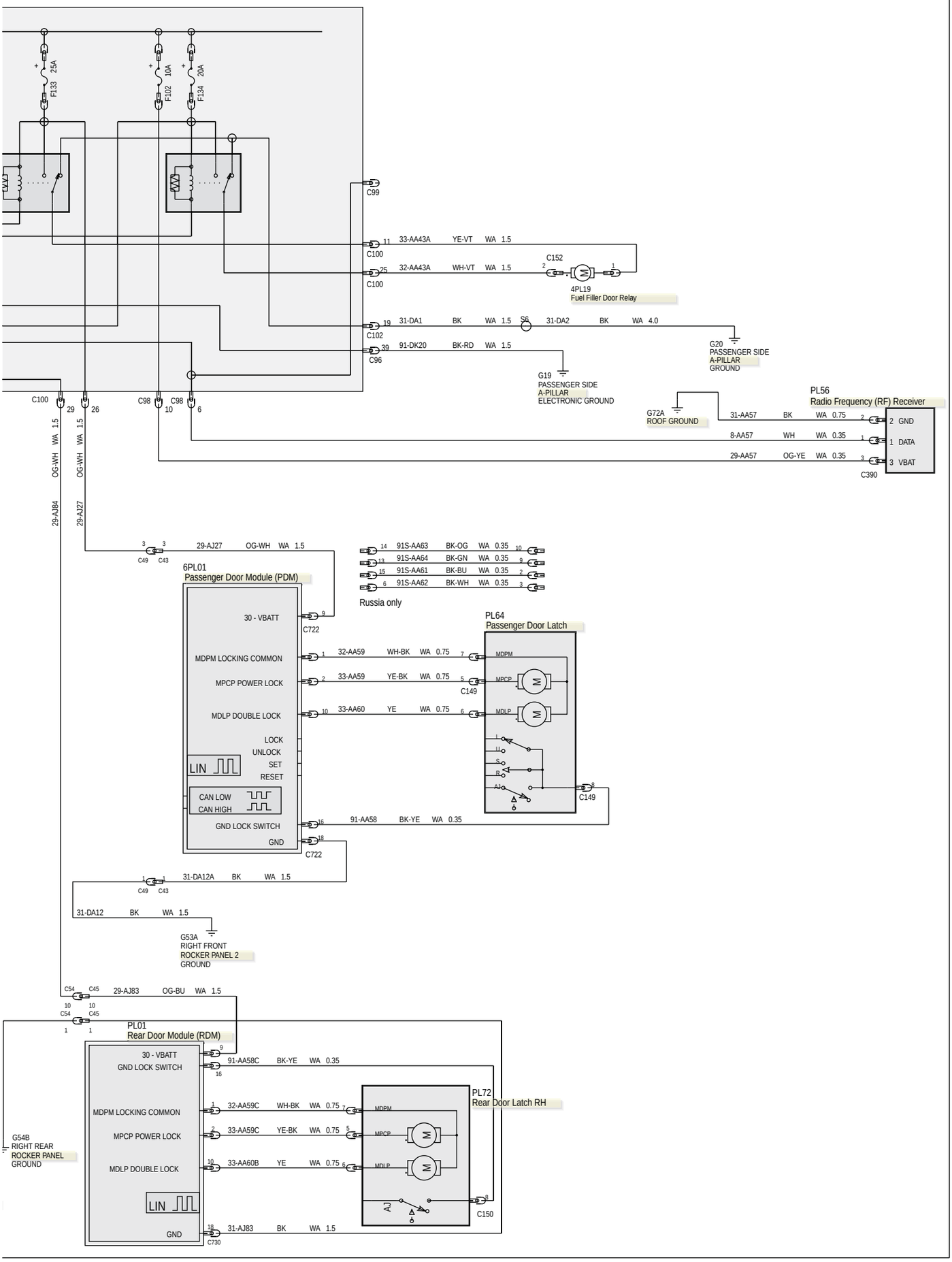


501-14-5 Power Door Locks—LHD 4WD/LHD FWD, Vehicles Without: Remote Keyless Entry (RKE)

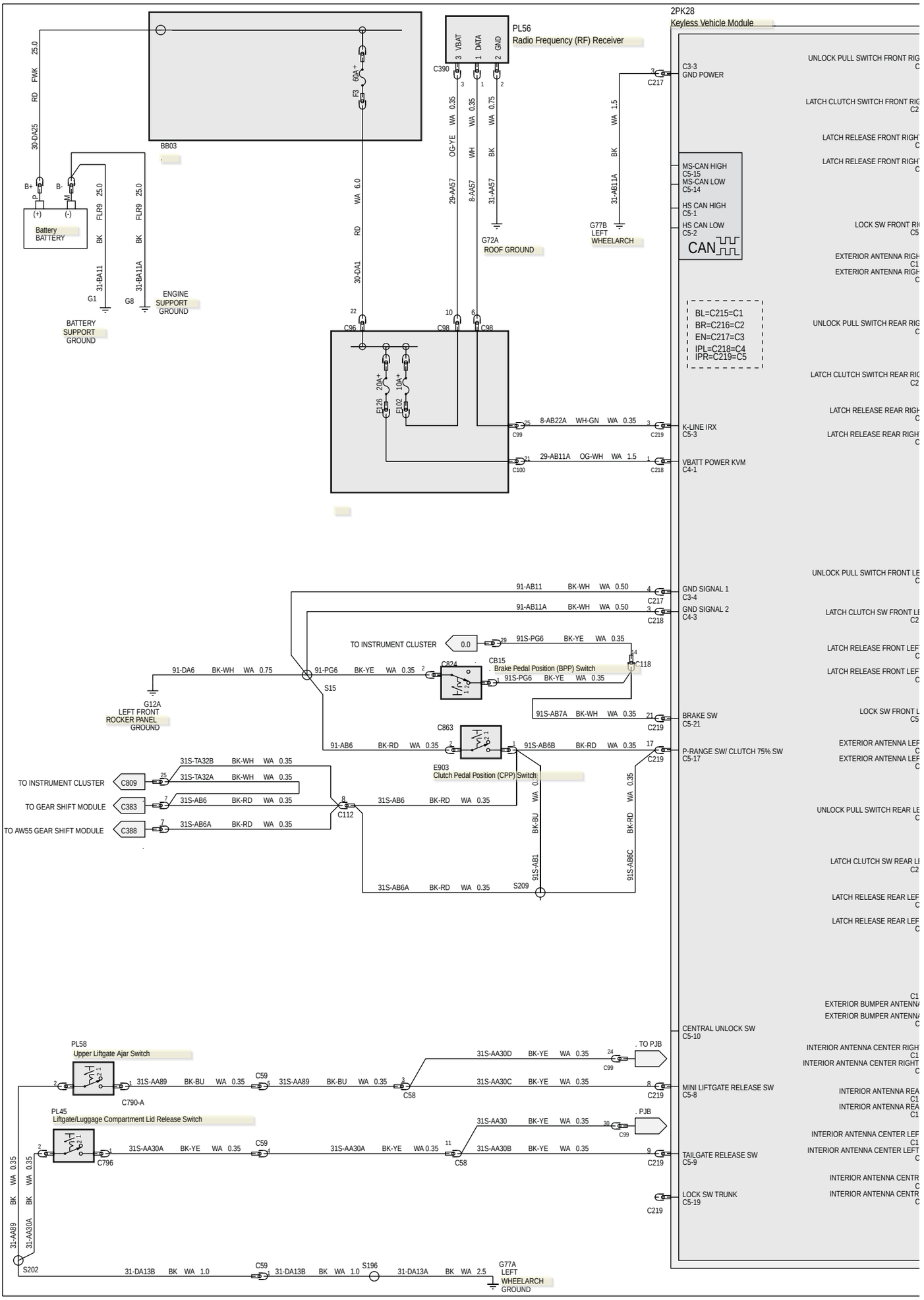



2011.0 Kuga (G1313233)

501-14-6 Power Door Locks—LHD 4WD/LHD FWD, Vehicles Without: Remote Keyless Entry (RKE)

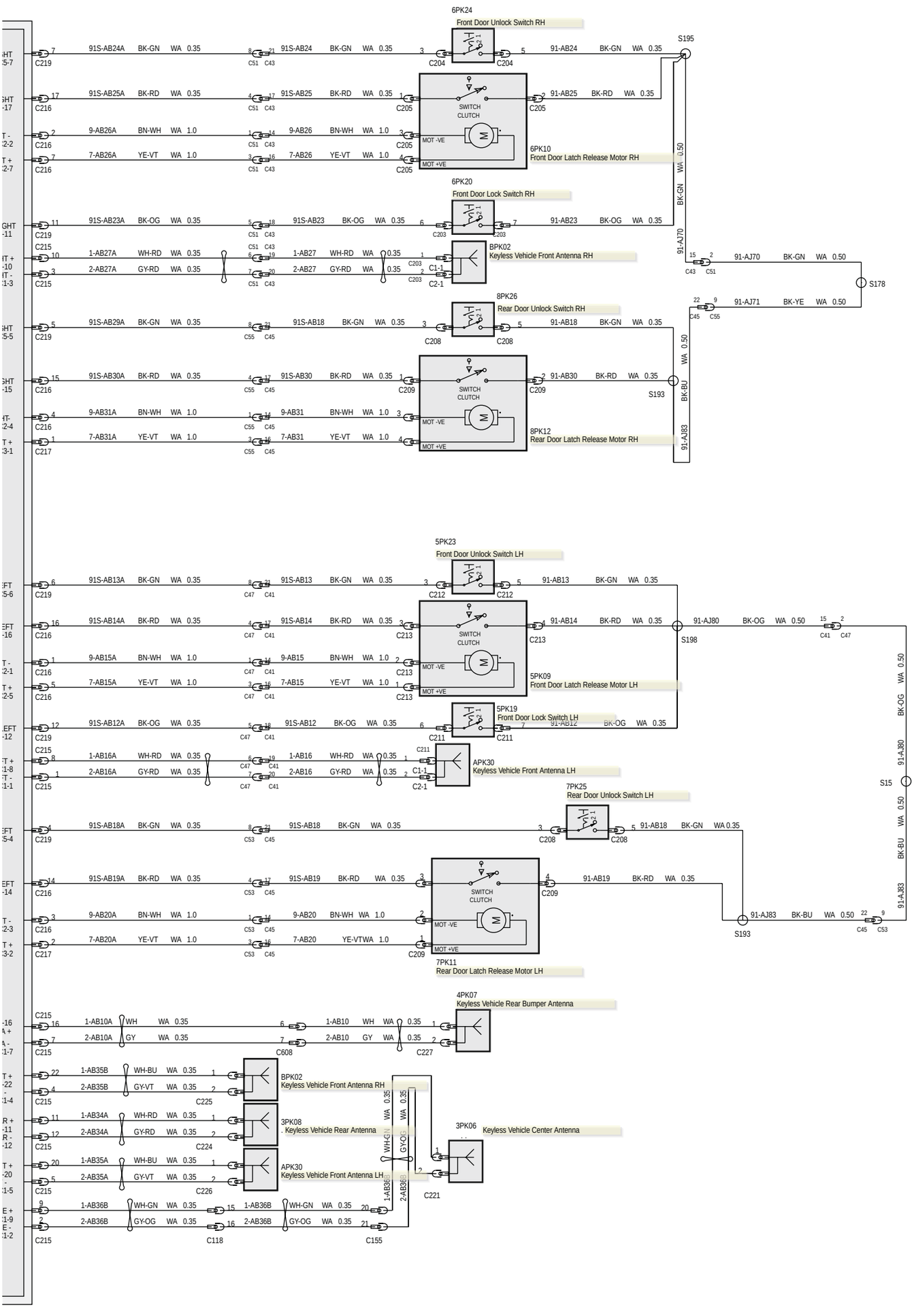


501-14-7 Power Door Locks—2.5L Duratec (147kW/200PS) - VI5, LHD 4WD, Vehicles With: Remote Keyless Entry (RKE)

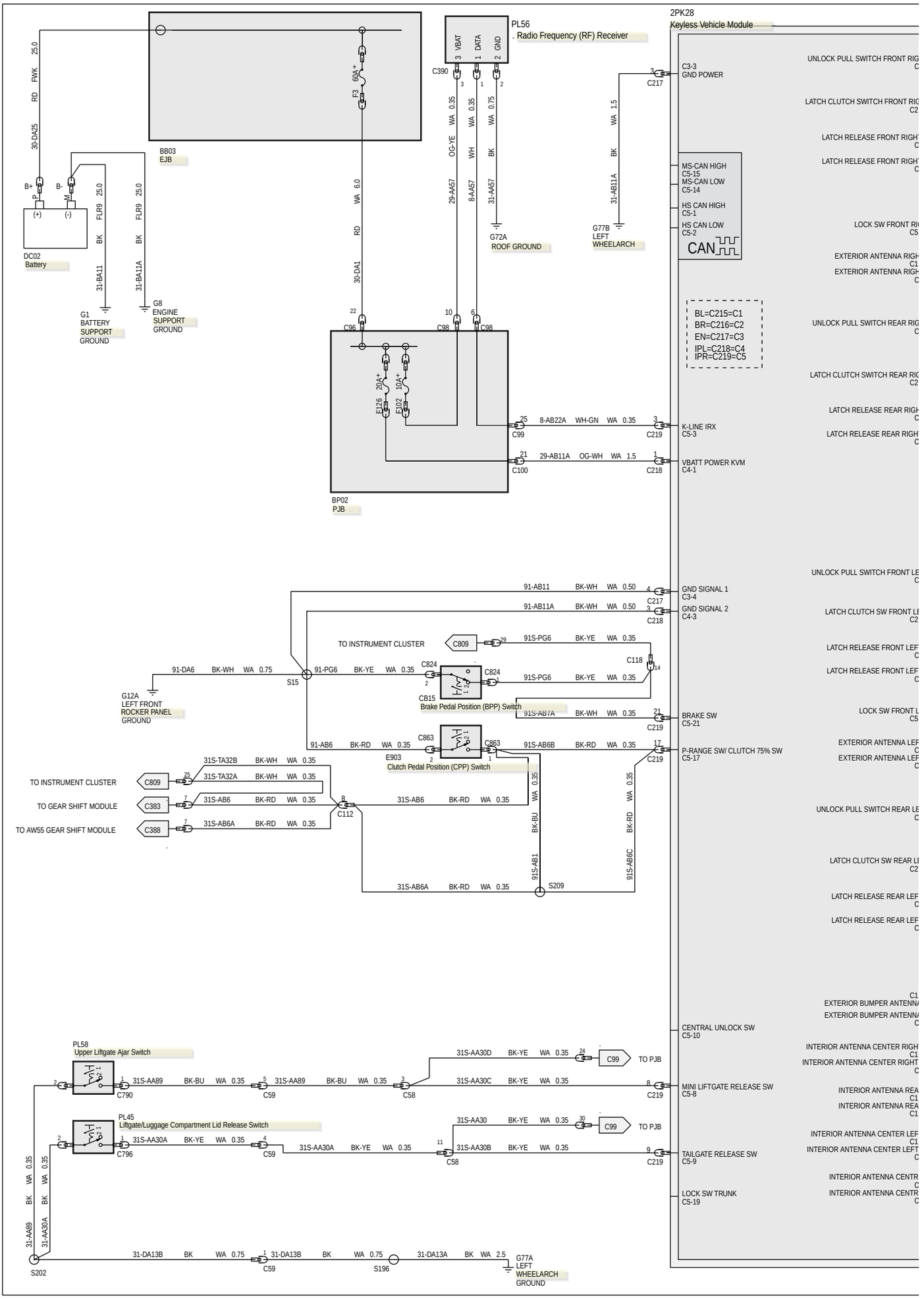



2011.0 Kuga (G1223858)

501-14-8 Power Door Locks—2.5L Duratec (147kW/200PS) - VI5, LHD 4WD, Vehicles With: Remote Keyless Entry (RKE)

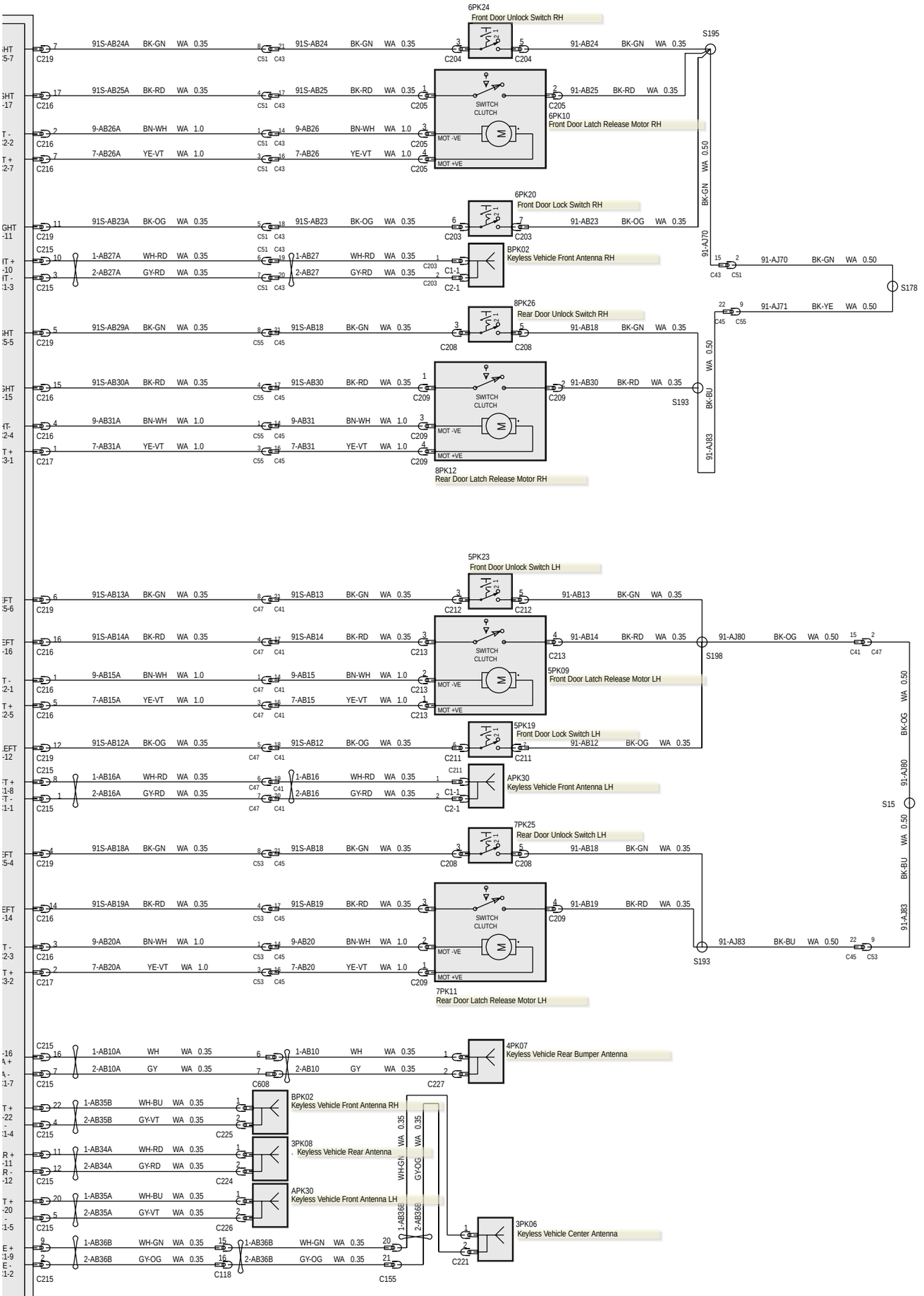


501-14-9 Power Door Locks—2.5L Duratec (147kW/200PS) - VI5, LHD 4WD, Vehicles With: Remote Keyless Entry (RKE)

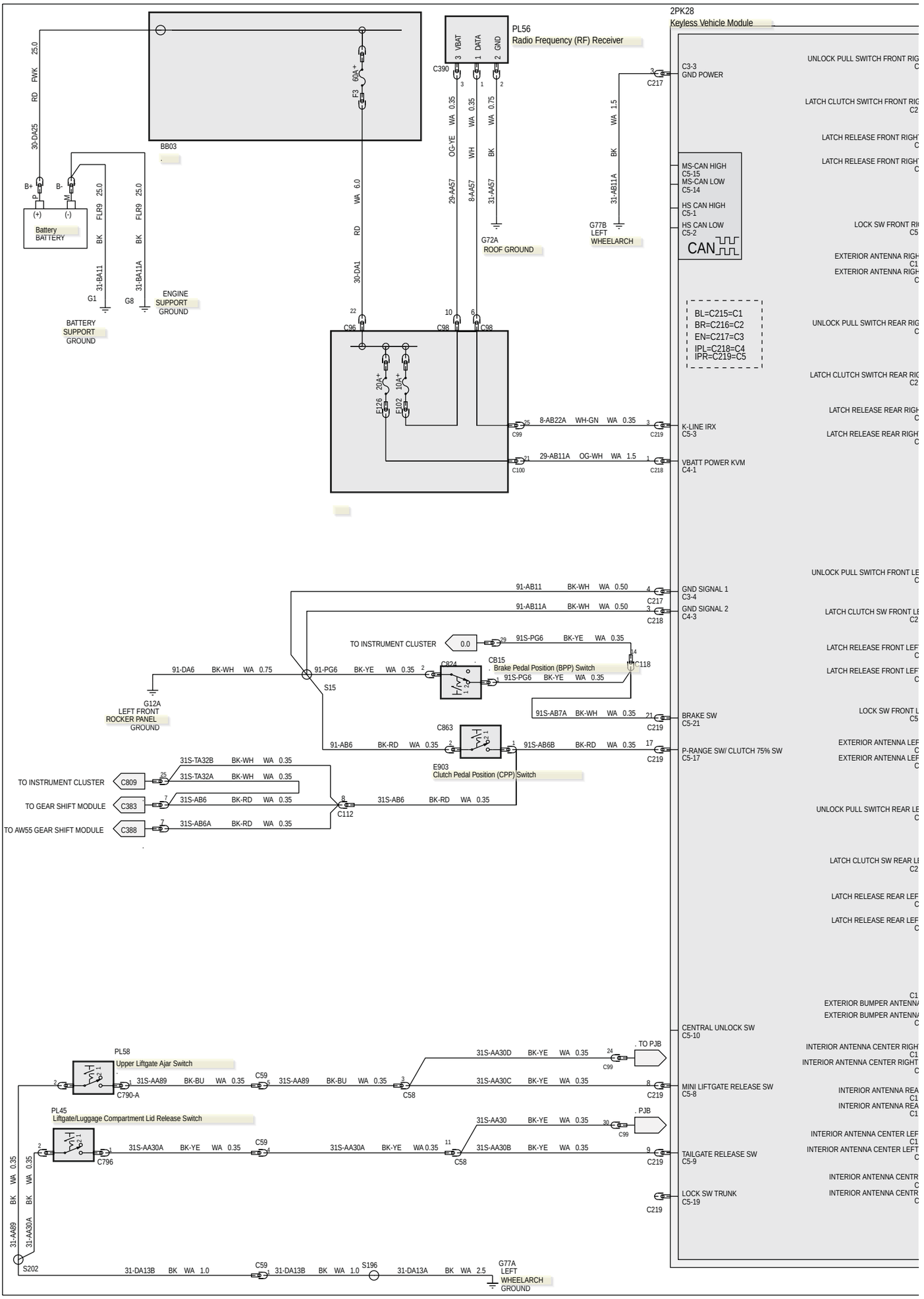



2011.0 Kuga (G1313234)

501-14-10 Power Door Locks—2.5L Duratec (147kW/200PS) - VI5, LHD 4WD, Vehicles With: Remote Keyless Entry (RKE)

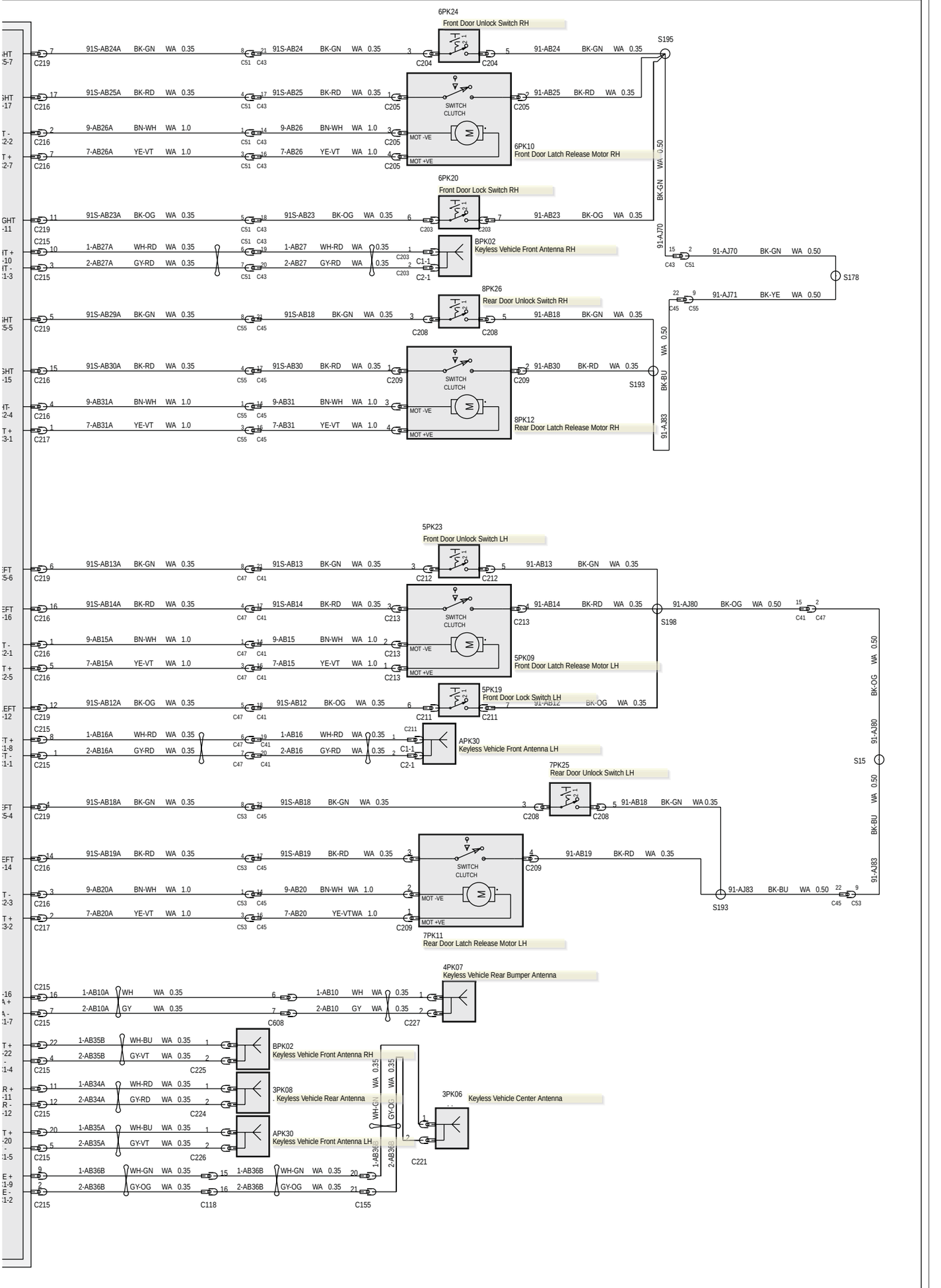


501-14-11 Power Door Locks—2.0L Duratorq-TDCi (100kW/136PS) - DW, LHD 4WD/LHD FWD, Vehicles With: Remote Keyless Entry (RKE)

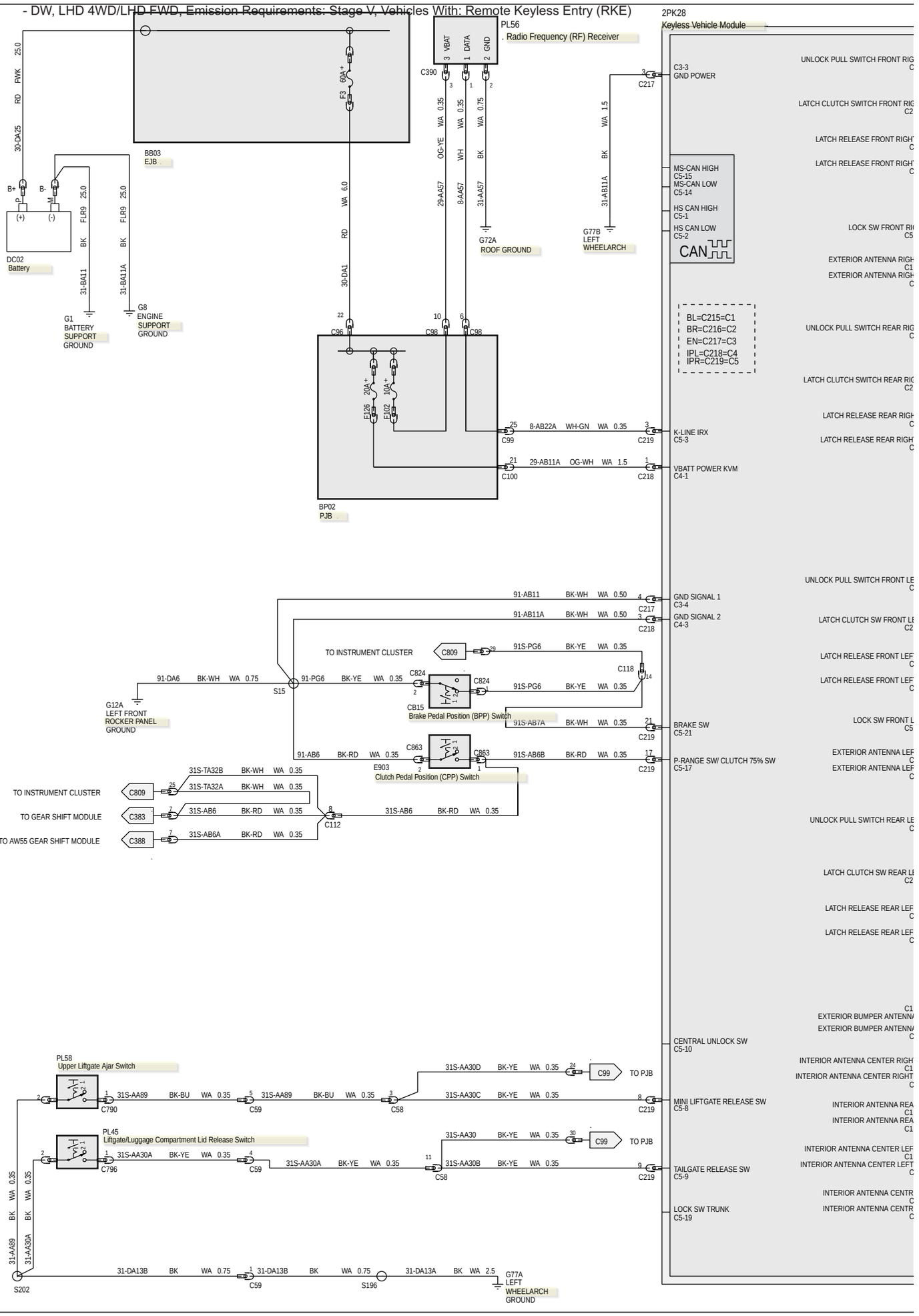



2011.0 Kuga (G1223859)

501-14-12 Power Door Locks—2.0L Duratorq-TDCi (100kW/136PS) - DW, LHD 4WD/LHD FWD, Vehicles With: Remote Keyless Entry (RKE)



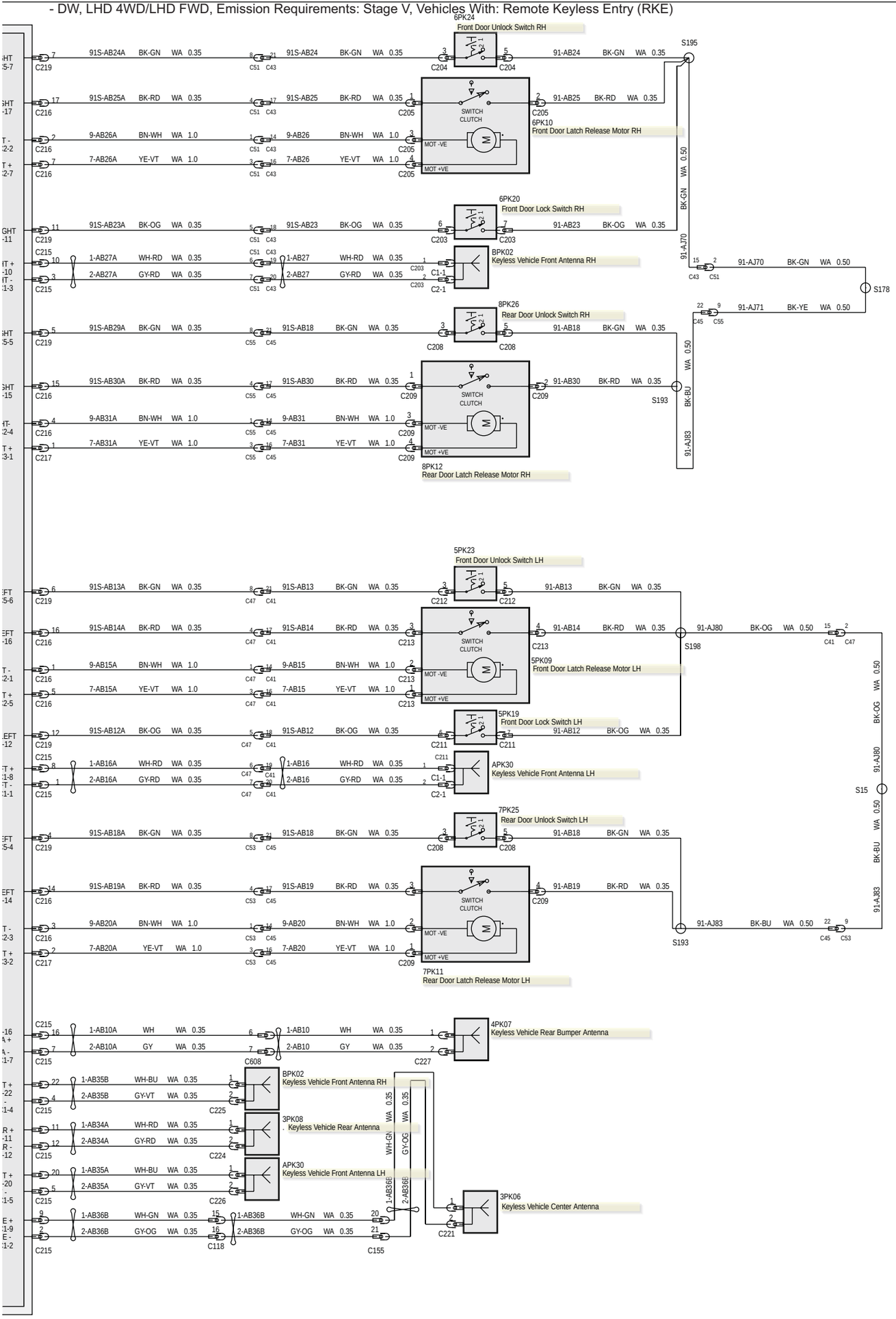
501-14-13 Power Door Locks—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V, Vehicles With: Remote Keyless Entry (RKE)



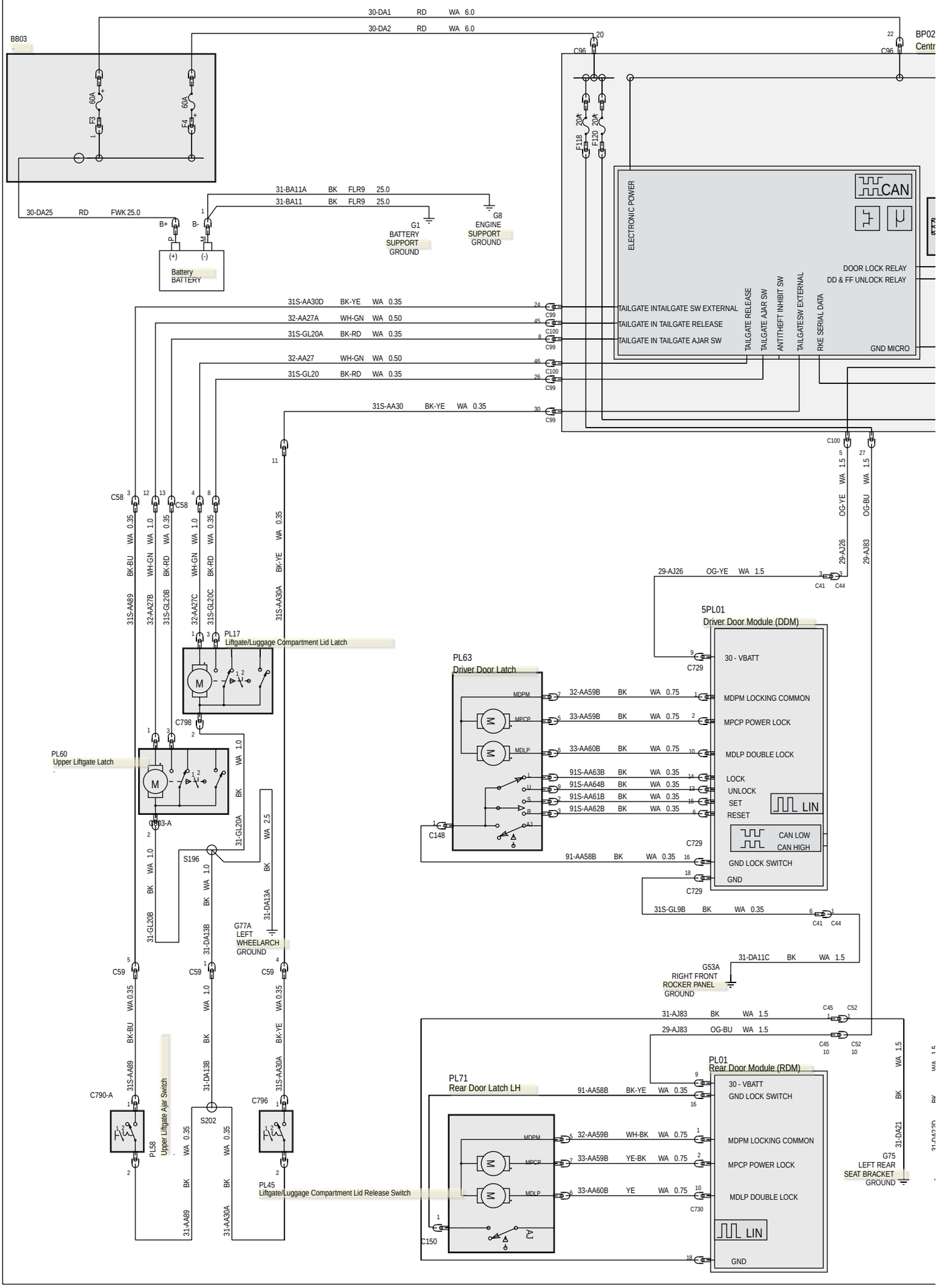

2011.0 Kuga (G1313239)

501-14-14 Power Door Locks—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS)

- DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V, Vehicles With: Remote Keyless Entry (RKE)

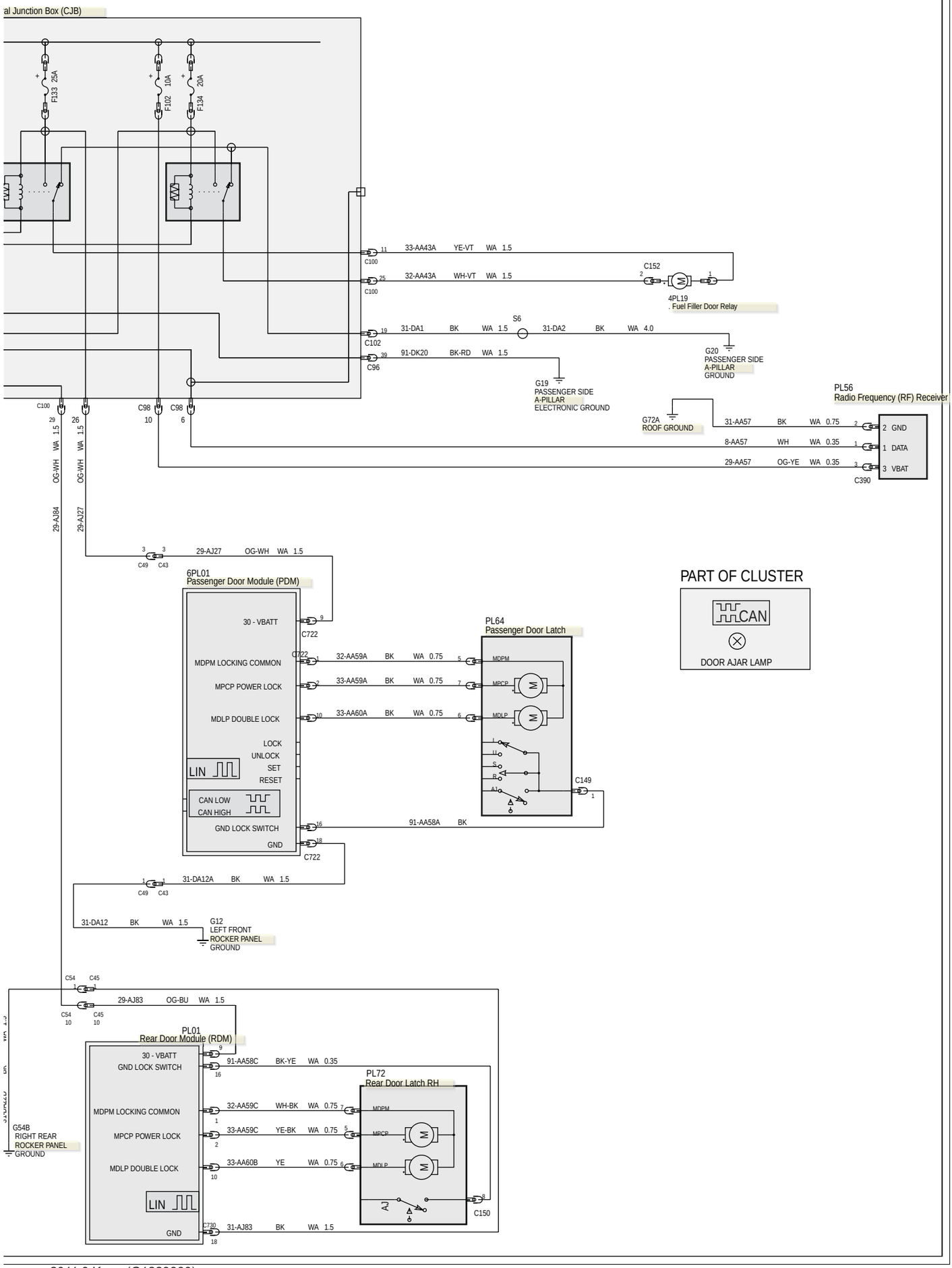


501-14-15 Power Door Locks—RHD 4WD/RHD FWD, Vehicles Without: Remote Keyless Entry (RKE)

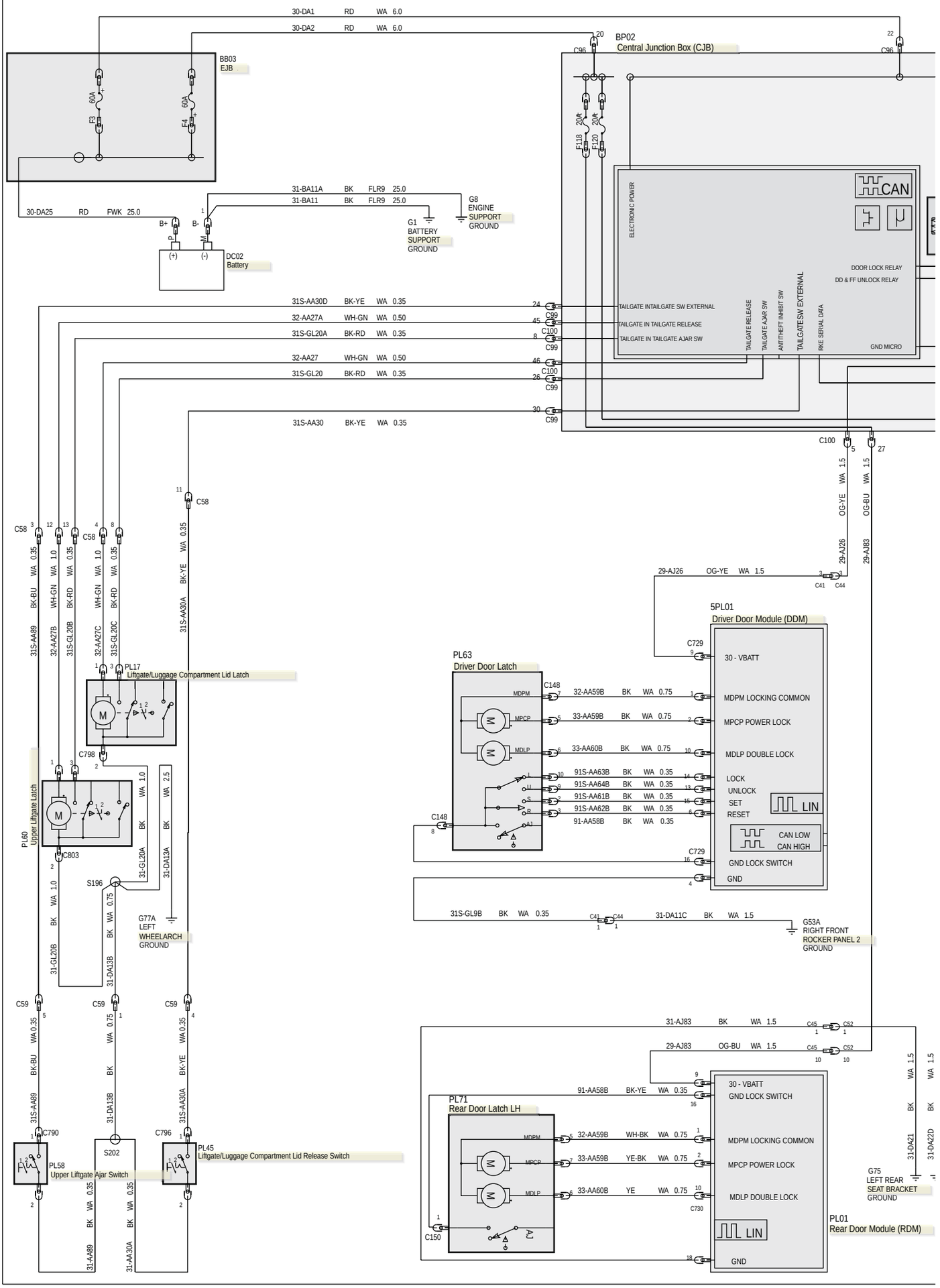



2011.0 Kuga (G1223860)

501-14-16 Power Door Locks—RHD 4WD/RHD FWD, Vehicles Without: Remote Keyless Entry (RKE)

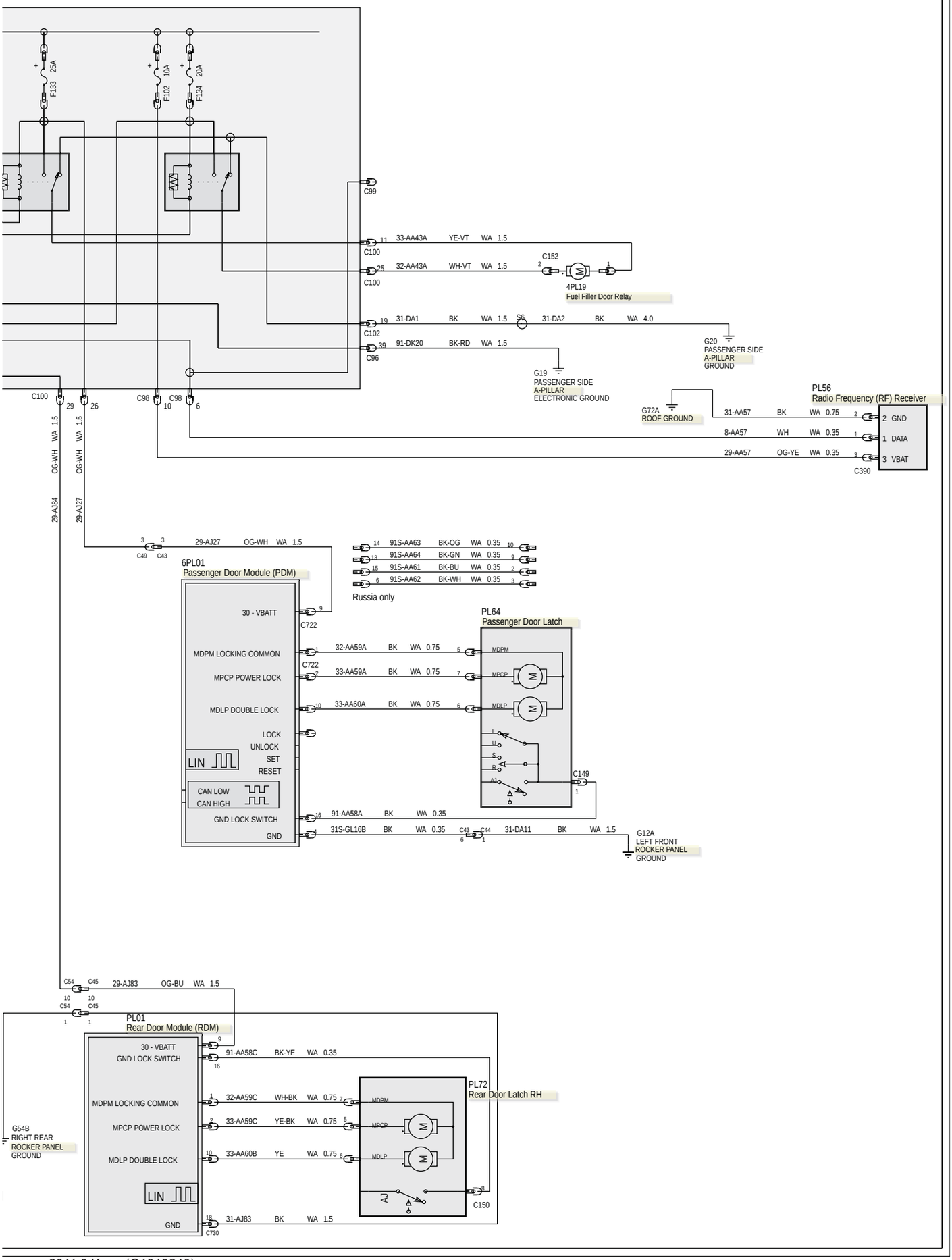


501-14-17 Power Door Locks—RHD 4WD/RHD FWD, Vehicles Without: Remote Keyless Entry (RKE)

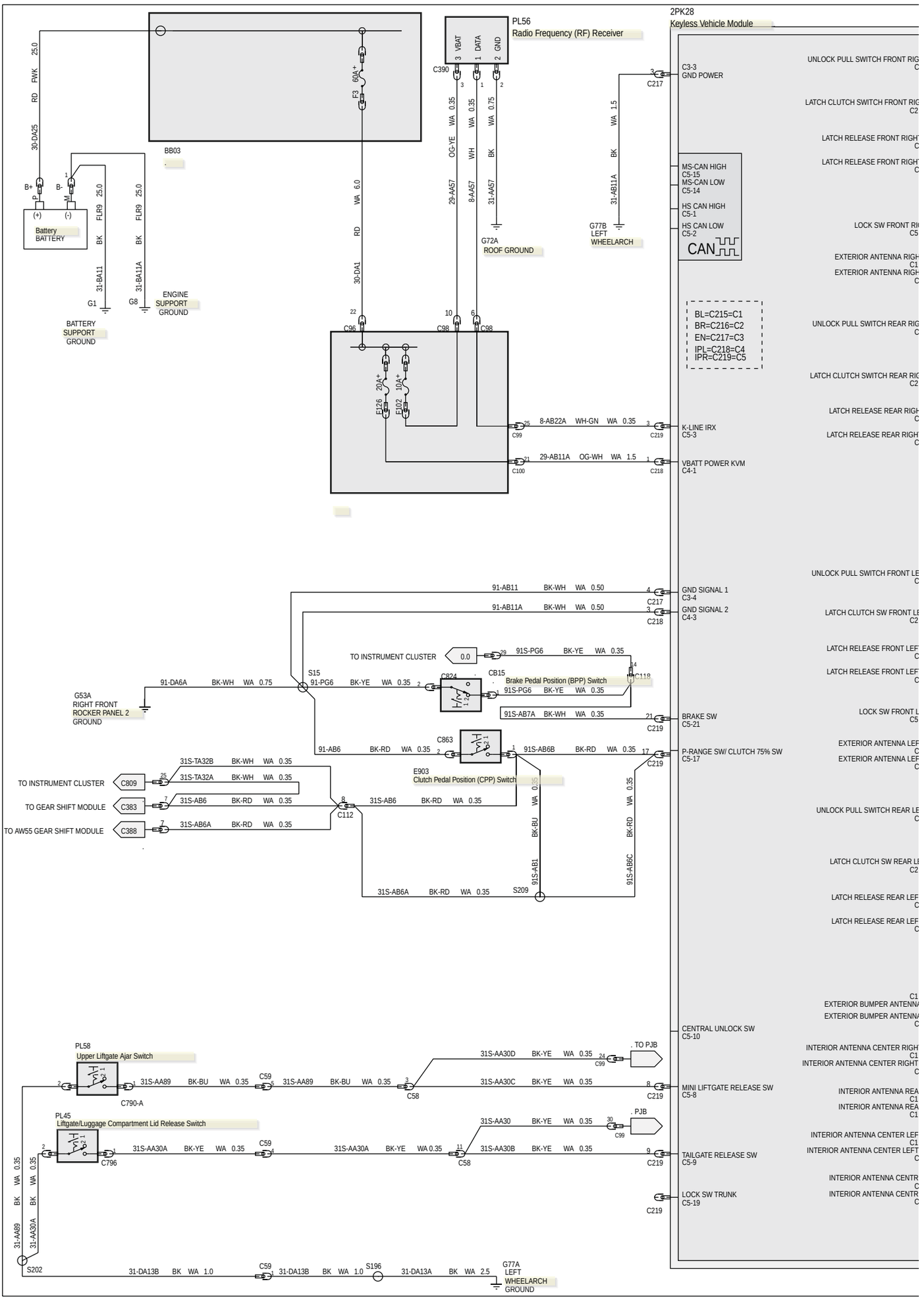



2011.0 Kuga (G1313240)

501-14-18 Power Door Locks—RHD 4WD/RHD FWD, Vehicles Without: Remote Keyless Entry (RKE)

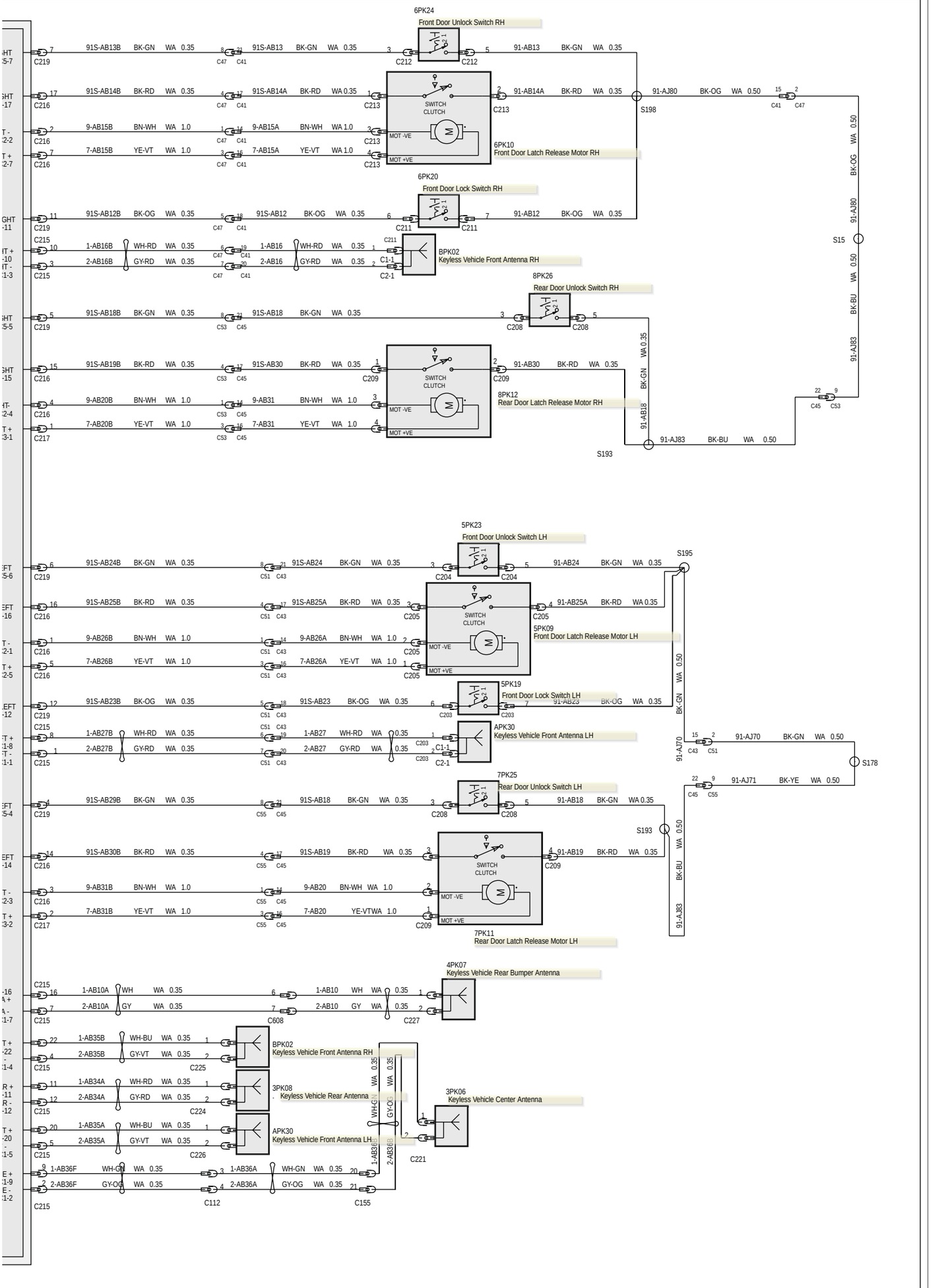


501-14-19 Power Door Locks—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD, Vehicles With: Remote Keyless Entry (RKE)

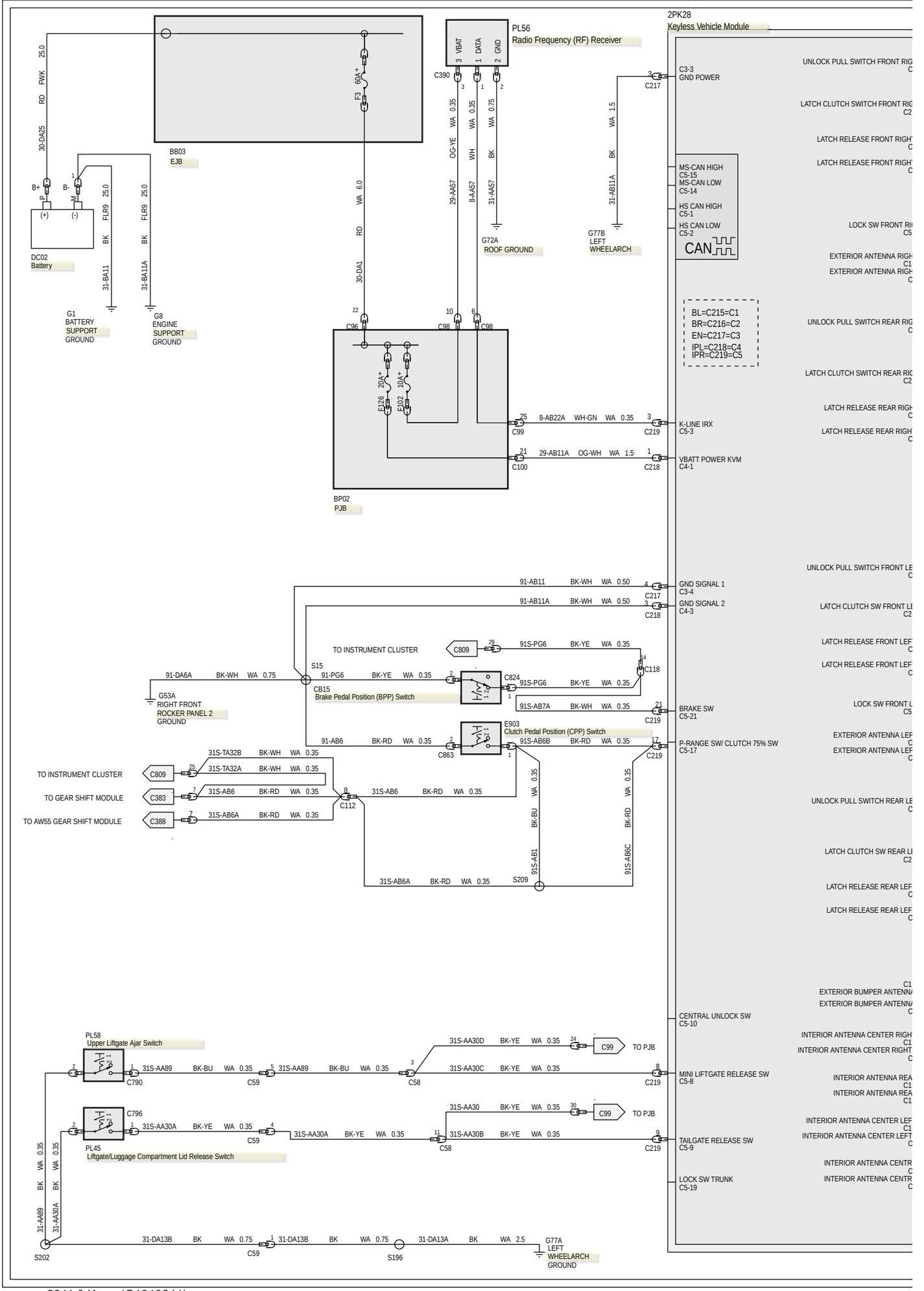



2011.0 Kuga (G1223861)

501-14-20 Power Door Locks—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD, Vehicles With: Remote Keyless Entry (RKE)

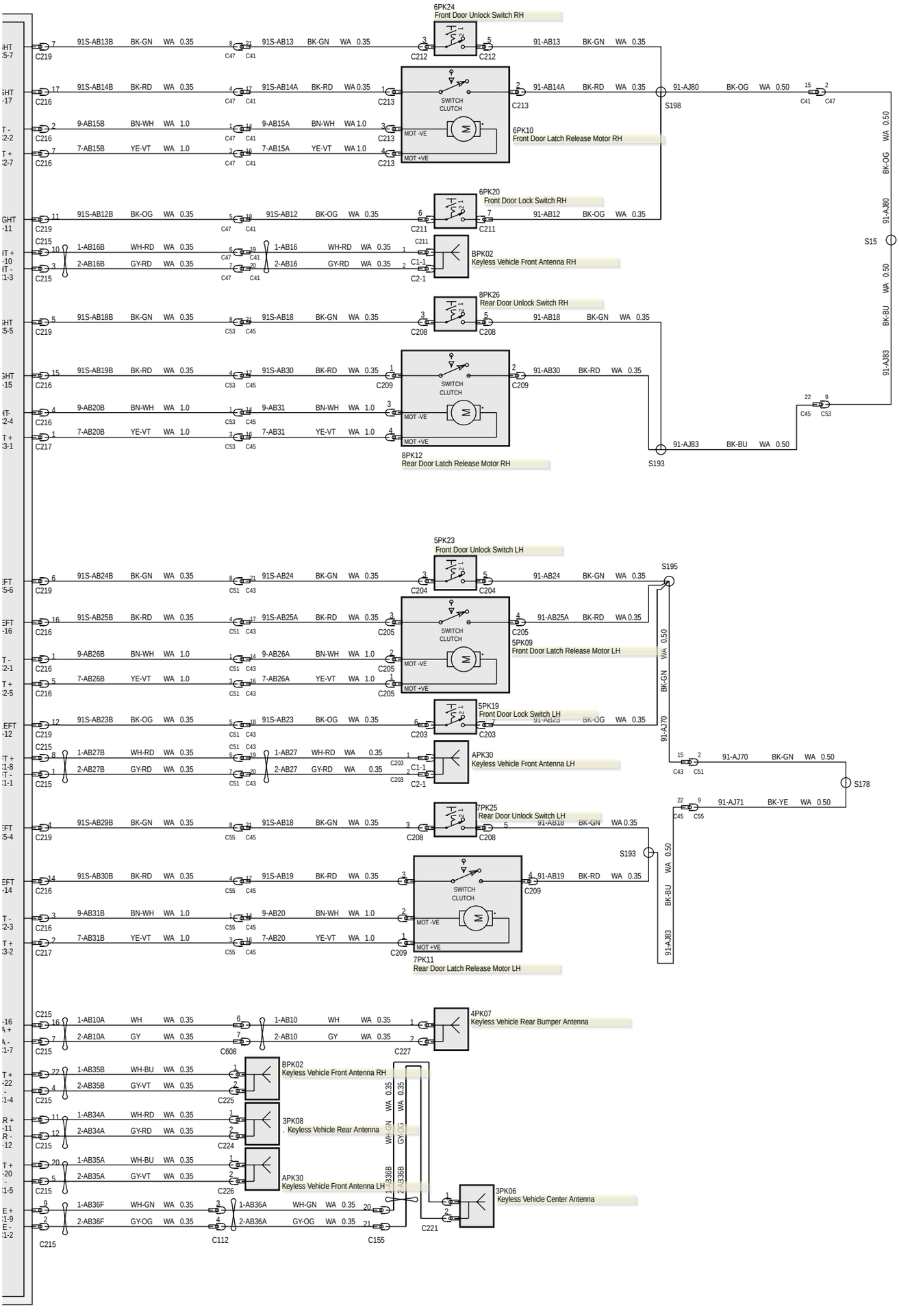


501-14-21 Power Doors Locks—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD, Vehicles With: Remote Keyless Entry (RKE)

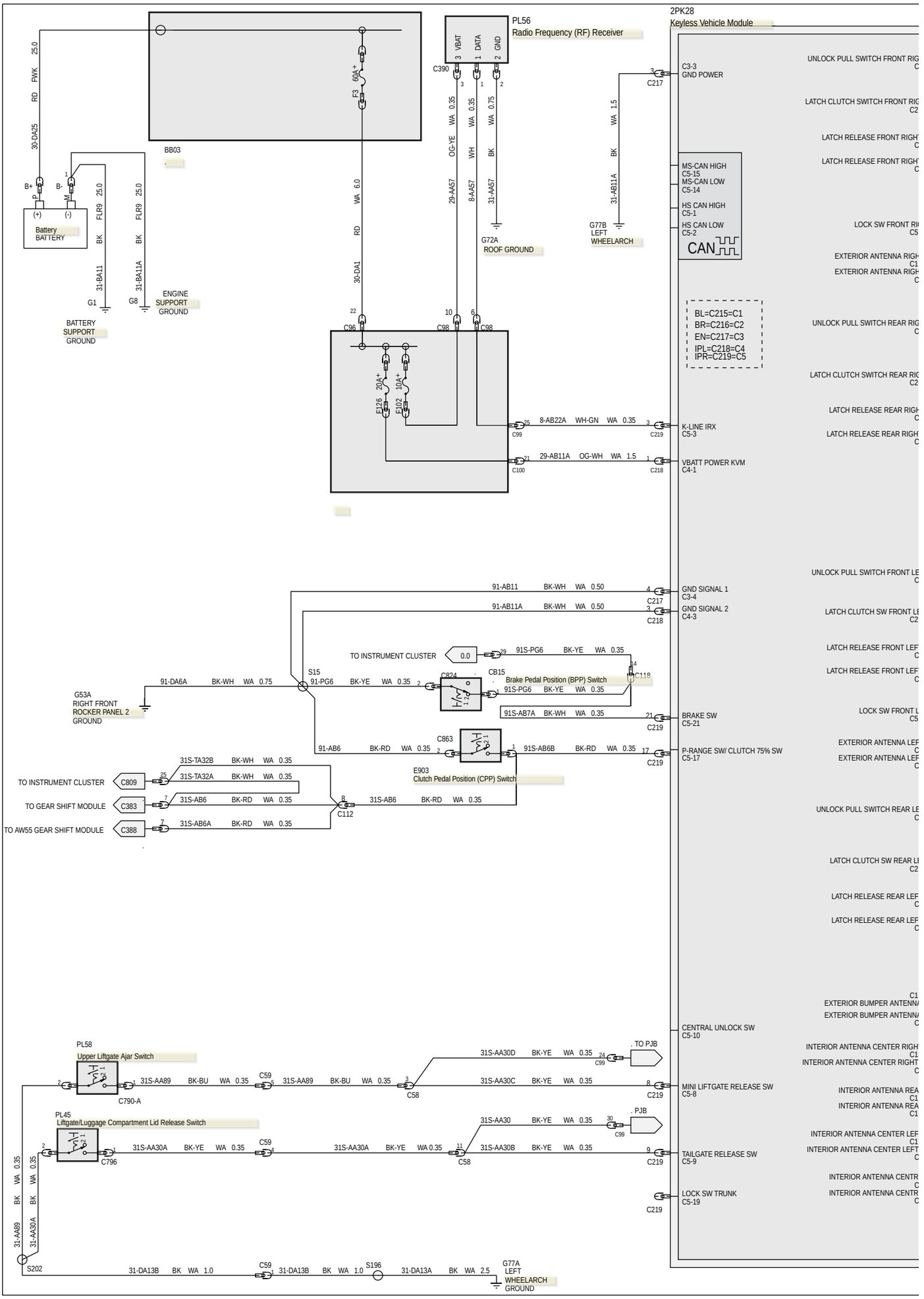



2011.0 Kuga (G1313241)

501-14-22 Power Door Locks—2.5L Duratec (147kW/200PS) - VI5, RHD 4WD, Vehicles With: Remote Keyless Entry (RKE)

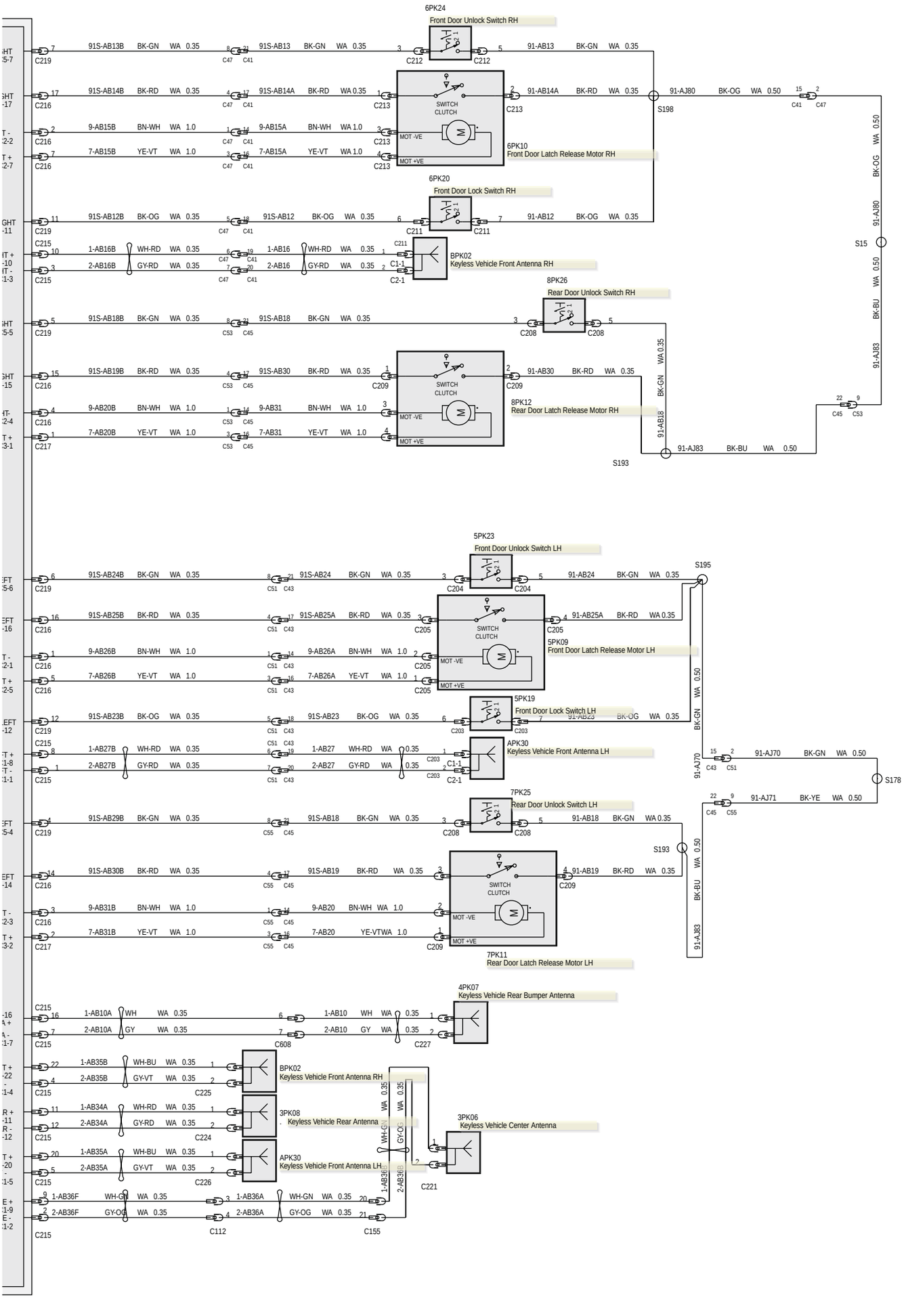


501-14-23 Power Door Locks—2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD, Vehicles With: Remote Keyless Entry (RKE)

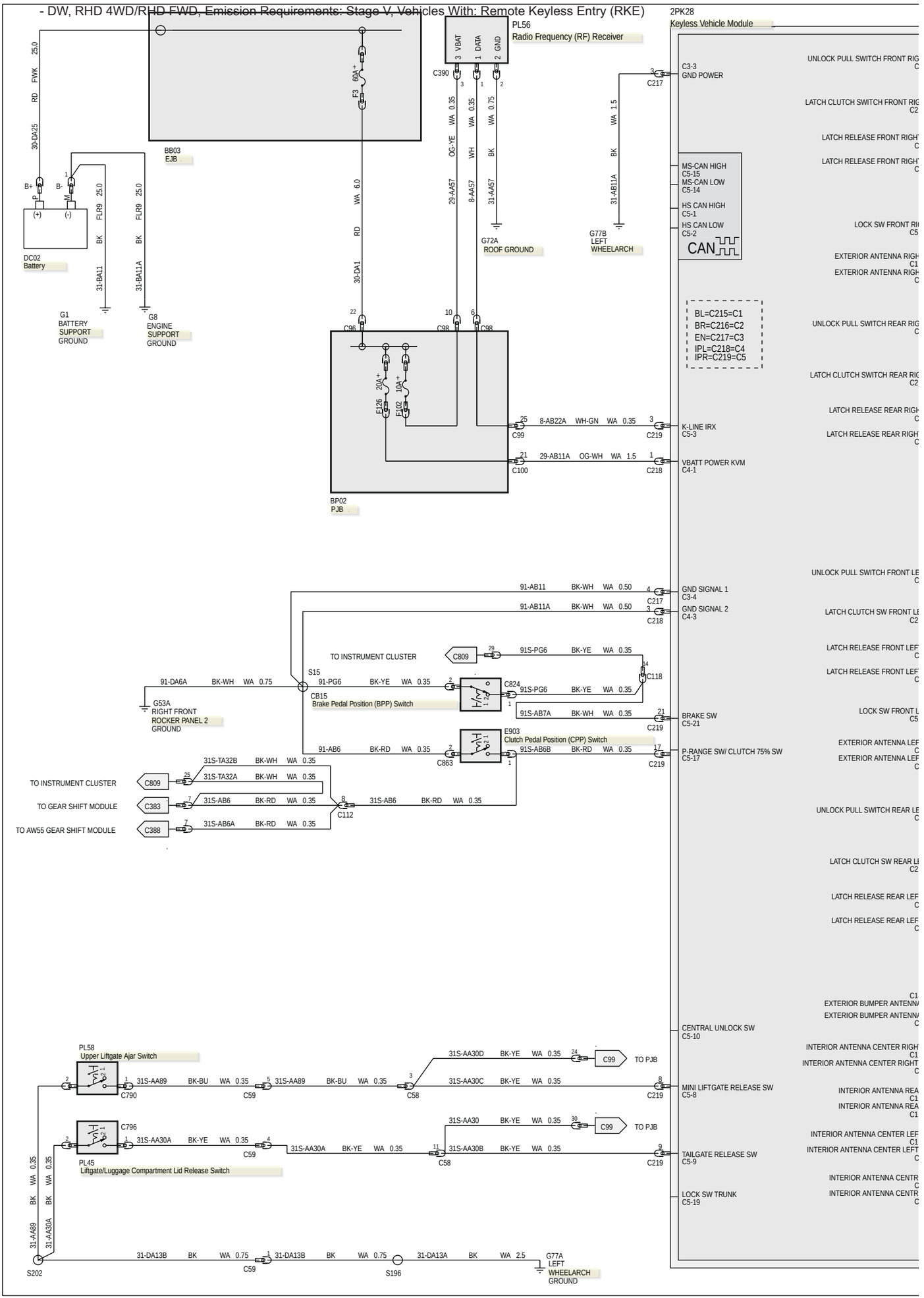



2011.0 Kuga (G1223862)

501-14-24 Power Door Locks—2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD, Vehicles With: Remote Keyless Entry (RKE)

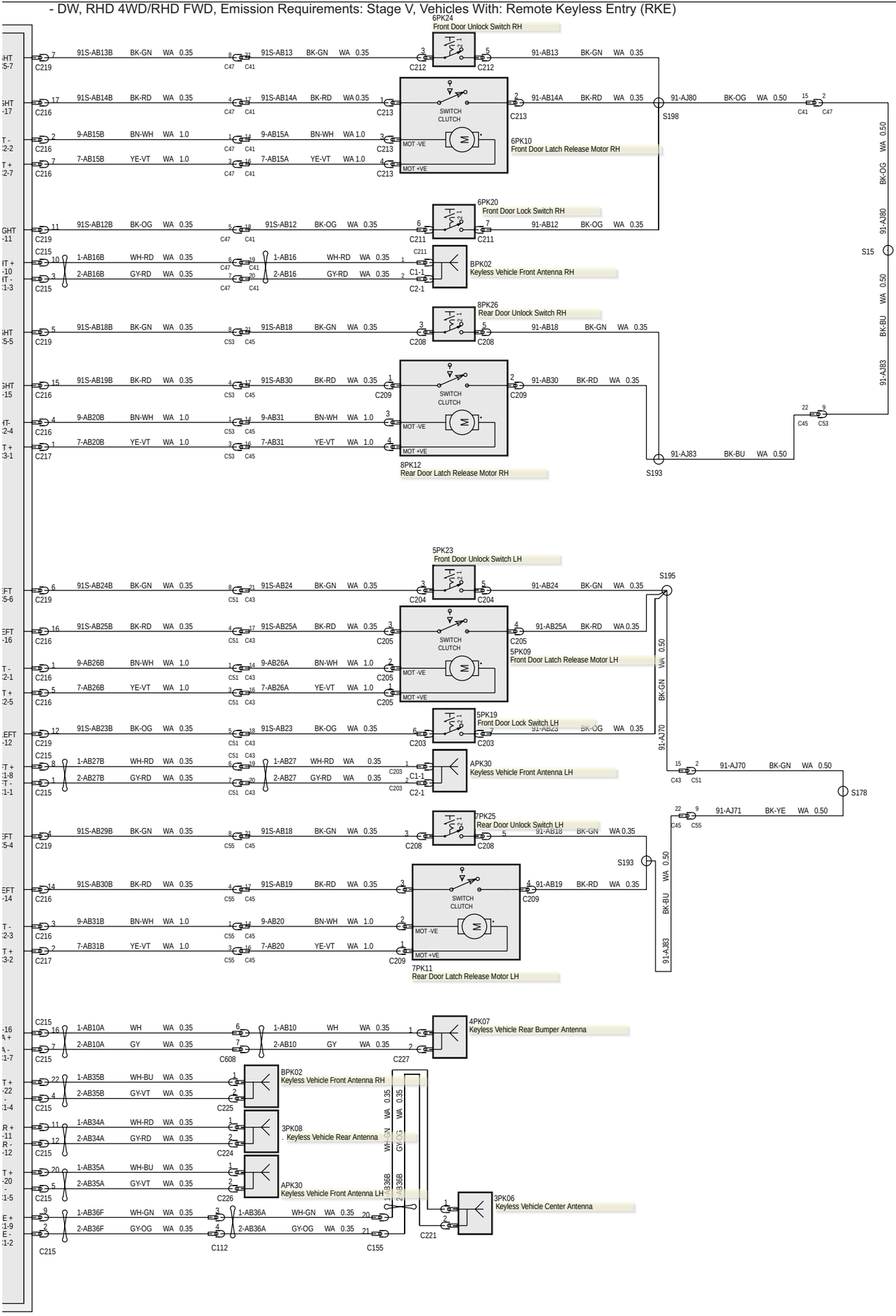


501-14-25 Power Door Locks—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, RHD 4WD/RHD FWD, ~~Emission Requirements: Stage V~~, Vehicles With: Remote Keyless Entry (RKE)



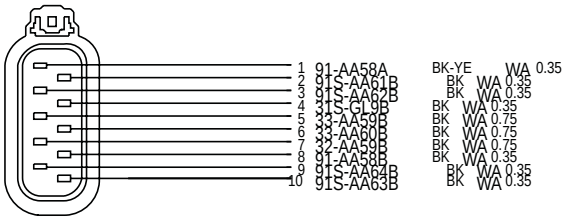
501-14-26 Power Door Locks—2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS)

- DW, RHD 4WD/RHD FWD, Emission Requirements: Stage V, Vehicles With: Remote Keyless Entry (RKE)



## Driver Door Latch (G1234758)

PIN 5 => 32-AA59A WH-BK 0.75 WA
PIN 7 => 33-AA59A YE-BK 0.75 WA
PIN 6 => 33-AA60A YE 0.75 WA
PIN 10 => 91S-AA63A BK-OG 0.35 WA
PIN 9 => 91S-AA64A BK-GN 0.35 WA
PIN 2 => 91S-AA61A BK-BU 0.35 WA
PIN 3 => 91S-AA62A BK-WH 0.35 WA
PIN 4 => 31S-GL9A BK-YE 0.35 WA
PIN 1 => 31-AA58A BK 0.35 WA
PIN 8 => 31-AA58C BK 0.35 WA




3M5T-14A464-DKA

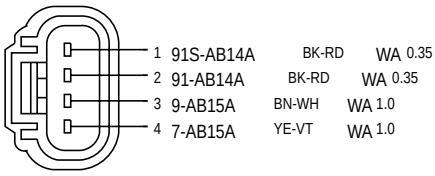
C148

TO DRIVER FRONT DOOR LATCH UNIT

HARNESS 14A584

## Front Door Latch Release Motor LH (G1234759)

PIN 4 => 91-AB14 BK-RD 0.35 WA
PIN 3 => 91S-AB14 BK-RD 0.35 WA
PIN 2 => 9-AB15 BN-WH 1.0 WA
PIN 1 => 7-AB15 YE-VT 1.0 WA




YF1T-14A464-CA

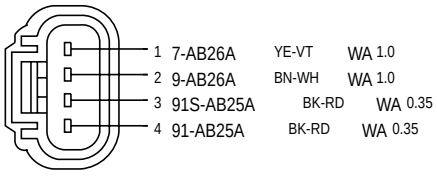
C213

TO FL DOOR LOCK/UNLOCK LATCH (KEYLESS VEHICLE)

HARNESS 14A584

## Front Door Latch Release Motor RH (G1234760)

PIN 2 => 91-AB25 BK-RD 0.35 WA
PIN 4 => 7-AB26 YE-VT 1.0 WA
PIN 1 => 91S-AB25 BK-RD 0.35 WA
PIN 3 => 9-AB26 BN-WH 1.0 WA



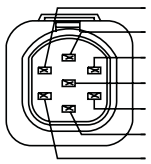

YF1T-14A464-CA

C205

TO FR DOOR LOCK/UNLOCK LATCH (KEYLESS VEHICLE)

HARNESS 14K138

## Front Door Lock Switch LH (G1245486)



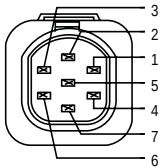

| | | | |
|---|---|---|---|
| 2 | 2-AB16 | GY-RD | WA 0.35 |
| 1 | 1-AB16 | WH-RD | WA 0.35 |
| 7 | 91-AB12 | BK-OG | WA 0.35 |
| 6 | 91S-AB12 | BK-OG | WA 0.35 |

3M5T-14A624-RGA

C211
TO FL LOCK SWITCH /FL HANDEL ANTENNA (KV)

HARNESS 14A584

## Front Door Lock Switch RH (G1245487)




| | | | |
|---|---|---|---|
| 2 | 2-AB27 | GY-RD | WA 0.35 |
| 1 | 1-AB27 | WH-RD | WA 0.35 |
| 7 | 91-AB23 | BK-OG | WA 0.35 |
| 6 | 91S-AB23 | BK-OG | WA 0.35 |

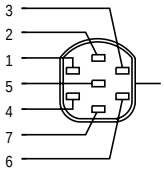
3M5T-14A624-RGA

C203
TO FR LOCK SWITCH / FR HANDEL ANTENNA (KV)

HARNESS 14K138

## Front Door Unlock Switch LH (G1234761)

| | | |
|---|---|---|
| 91S-AB13 | BK-GN | WA 0.35 |
| 91-AB13 | BK-GN | WA 0.35 |



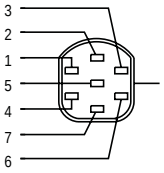

3M5T-14A464-RGA

C212
TO FL UNLOCK SWITCH (KEYLESS VEHICLE)

HARNESS 14A584

## Front Door Unlock Switch RH (G1234762)

| | | | |
|---|---|---|---|
| 91S-AB24 | BK-GN | WA 0.35 | 3 |
| | | | 2 |
| | | | 1 |
| 91-AB24 | BK-GN | WA 0.35 | 5 |
| | | | 4 |
| | | | 7 |
| | | | 6 |

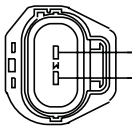


3M5T-14A464-RGA

C204
TO FR UNLOCK SWITCH (KEYLESS VEHICLE)

HARNESS 14K138

## Fuel Filler Door Relay (G1234763)



| | | | |
|---|---|---|---|
| 2 | 32-AA43A | WH-VT | WA 1.5 |
| 1 | 33-AA43A | YE-VT | WA 1.5 |

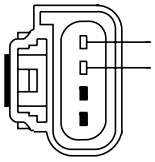
97BG-14A464-VBB

C152
TO FUEL FLAP MOTOR

HARNESS 14014

## Keyless Vehicle Center Antenna (G1234764)

PIN 1 => 1-AB36C WH-GN 0.35 WA
PIN 2 => 2-AB36C GY-OG 0.35 WA



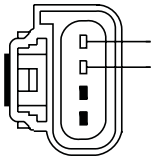
| | | | |
|---|---|---|---|
| 1 | 1-AB36B | WH-GN | WA 0.35 |
| 2 | 2-AB36B | GY-OG | WA 0.35 |

3M5T-14A464-ABA

C221
TO INTERIOR ANTENNA

HARNESS 15K857

## Keyless Vehicle Front Antenna LH (G1234765)



| | | | | |
|---|---|---|---|---|
| 1 | 1-AB35A | WH-BU | WA | 0.35 |
| 2 | 2-AB35A | GY-VT | WA | 0.35 |

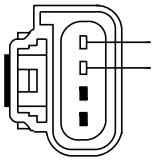
3M5T-14A464-ABA

C226

TO INTERIOR ANTENNA CENTER LEFT

HARNESS 14014

## Keyless Vehicle Front Antenna RH (G1234766)



| | | | | |
|---|---|---|---|---|
| 1 | 1-AB35B | WH-BU | WA | 0.35 |
| 2 | 2-AB35B | GY-VT | WA | 0.35 |

3M5T-14A464-ABA

C225

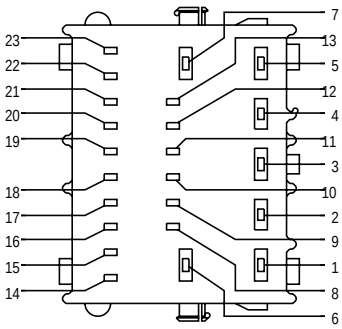
TO INTERIOR ANTENNA CENTER RIGHT

HARNESS 14014

## Keyless Vehicle Module (KVM) (G1234767)

PIN 3 => 2-AB27A GY-RD 0.35 WA
PIN 10 => 1-AB27A WH-RD 0.35 WA
PIN 8 => 1-AB16A WH-RD 0.35 WA
PIN 1 => 2-AB16A GY-RD 0.35 WA
PIN 2 => 2-AB36F GY-OG 0.35 WA
PIN 9 => 1-AB36F WH-GN 0.35 WA
PIN 2 => 2-AB36B GY-OG 0.35 WA
PIN 9 => 1-AB36B WH-GN 0.35 WA

| | | | |
|---|---|---|---|
| 1-AB35B | WH-BU | WA | 0.35 |
| 1-AB35A | WH-BU | WA | 0.35 |
| 1-AB10A | WH | WA | 0.35 |



| | | | | |
|---|---|---|---|---|
| 7 | 2-AB10A | GY | WA | 0.35 |
| 5 | 2-AB35A | GY-VT | WA | 0.35 |
| 12 | 2-AB34A | GY-RD | WA | 0.35 |
| 4 | 2-AB35B | GY-VT | WA | 0.35 |
| 11 | 1-AB34A | WH-RD | WA | 0.35 |
| 3 | 2-AB16B | GY-RD | WA | 0.35 |
| 10 | 1-AB16B | WH-RD | WA | 0.35 |
| 2 | 2-AB36D | GY-OG | WA | 0.35 |
| 9 | 1-AB36D | WH-GN | WA | 0.35 |
| 1 | 2-AB27B | GY-RD | WA | 0.35 |
| 8 | 1-AB27B | WH-RD | WA | 0.35 |

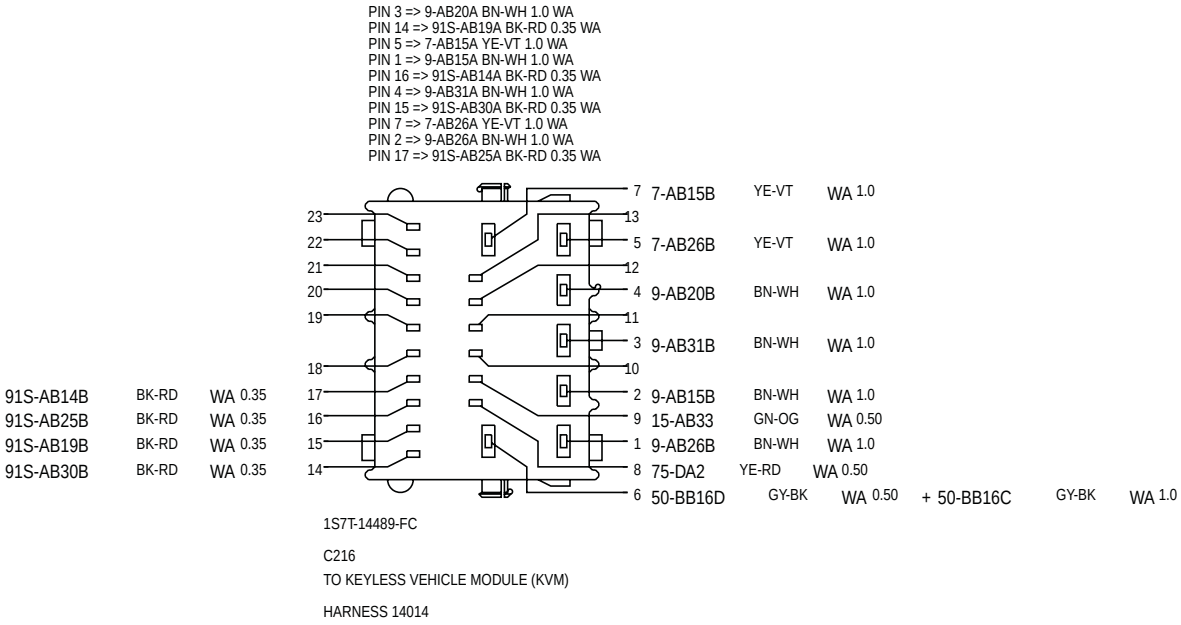
1S7T-14489-EC

C215

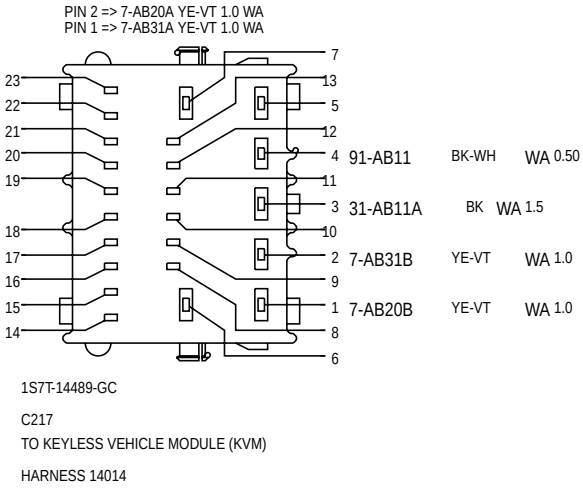
TO KEYLESS VEHICLE MODULE (KVM)

HARNESS 14014

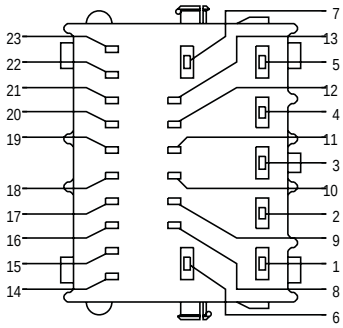
## Keyless Vehicle Module (KVM) (G1234768)




## Keyless Vehicle Module (KVM) (G1234769)



## Keyless Vehicle Module (KVM) (G1234770)




| | | | |
|---|---|---|---|
| 7 | 8-AB33A | WH-BK | WA 0.50 |
| 5 | 31S-AB33 | BK-RD | WA 1.0 |
| 12 | 8-GL37A | WH-GN | WA 0.35 |
| 4 | 30S-AB33 | RD-BK | WA 1.0 |
| 11 | 10-GL37A | GY-OG | WA 0.35 |
| 3 | 91-AB11A | BK-WH | WA 0.50 |
| 10 | 15-GL37A | GN-BK | WA 0.35 |
| 2 | 29-AB11B | OG-WH | WA 1.5 |
| 1 | 29-AB11A | OG-WH | WA 1.5 |

1S7T-14489-HC

C218

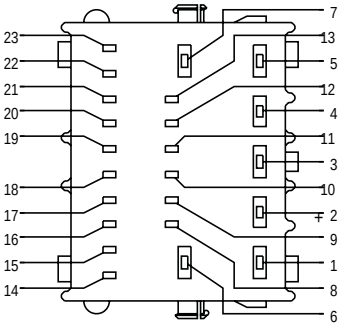
TO KEYLESS VEHICLE MODULE (KVM)

HARNESS 14014

## Keyless Vehicle Module (KVM) (G1234771)

PIN 11 => 91S-AB23A BK-OG 0.35 WA
PIN 4 => 91S-AB18A BK-GN 0.35 WA
PIN 6 => 91S-AB13A BK-GN 0.35 WA
PIN 12 => 91S-AB12A BK-OG 0.35 WA
PIN 5 => 91S-AB29A BK-GN 0.35 WA
PIN 7 => 91S-AB24A BK-GN 0.35 WA
PIN 2 => 5-EC7B BU-RD 0.35 WA
PIN 1 => 4-EC7B GY-RD 0.35 WA
PIN 2 => 5-EC7P BU-RD 0.35 WA
PIN 1 => 4-EC7P GY-RD 0.35 WA
PIN 17 => 91S-AB6B BK-RD 0.35 WA + 91S-AB6C BK-RD 0.35 WA

| | | | |
|---|---|---|---|
| 91S-BB14A | BK-BU | WA 0.50 | |
| 91S-BB14 | BK-BU | WA 0.50 | |
| 91S-AB7A | BK-WH | WA 0.35 | |
| 31S-AB11A | BK-WH | WA 0.50 | |
| 15S-BB18 | GN-BK | WA 0.50 | |
| 91S-AB6B | BK-RD | WA 0.35 | |
| 4-EC10CA | GY | WA 0.35 | |
| 5-EC10CA | BU | WA 0.35 | |




| | | | |
|---|---|---|---|
| 7 | 91S-AB13B | BK-GN | WA 0.35 |
| 13 | 15-AB11 | GN-WH | WA 0.35 |
| 5 | 91S-AB18B | BK-GN | WA 0.35 |
| 12 | 91S-AB23B | BK-OG | WA 0.35 |
| 4 | 91S-AB29B | BK-GN | WA 0.35 |
| 11 | 91S-AB12B | BK-OG | WA 0.35 |
| 3 | 8-AB22A | WH-GN | WA 0.35 |
| 10 | | | |
| 2 | 5-EC7M | BU-RD | WA 0.35 |
| 9 | 31S-AA30B | BK-YE | WA 0.35 |
| 1 | 4-EC7M | GY-RD | WA 0.35 |
| 8 | 31S-AA30C | BK-YE | WA 0.35 |
| 6 | 91S-AB24B | BK-GN | WA 0.35 |

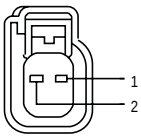
1S7T-14489-JC

C219

TO KEYLESS VEHICLE MODULE (KVM)

HARNESS 14014

## Keyless Vehicle Rear Antenna (G1234772)



| | | | |
|---|---|---|---|
| 1 | 1-AB34A | WH-RD | WA 0.35 |
| 2 | 2-AB34A | GY-RD | WA 0.35 |

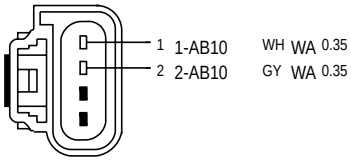
YF1T-14A464-FA

C224

TO INTERIOR TRUNK ANTENNA

HARNESS 14014

## Keyless Vehicle Rear Bumper Antenna (G1234773)




3M5T-14A464-ABA

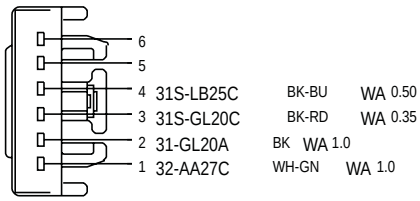
C227

TO EXTERIOR TRUNK ANTENNA

HARNESS 15K868

## Liftgate/Luggage Compartment Lid Latch (G1234774)

PIN 1 => 32-AA27A WH-GN 0.50 WA + 32-AA27 BK 0.50 WA
PIN 4 => 31S-LB25A BK-BU 0.50 WA + 31S-LB25 BK 0.50 WA
PIN 3 => 31S-GL20A BK-RD 0.35 WA + 31S-GL20 BK 0.35 WA
PIN 2 => 31-GL20 BK 0.50 WA




8V4T-14489-DFA

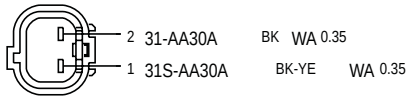
C798

TO TAILGATE LATCH (LIFTGATE)

HARNESS 17N400

## Liftgate/Luggage Compartment Lid Release Switch (G1234775)

PIN 2 => 31-AA30 BK 0.35 WA
PIN 1 => 31S-AA30 BK-YE 0.35 WA




XF2T-14A464-YC

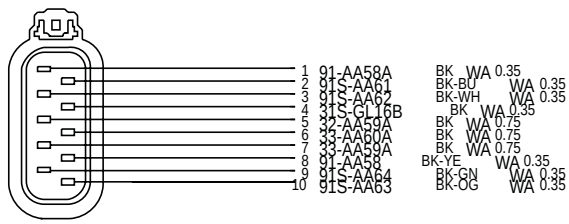
C796

TO TAILGATE RELEASE SWITCH METAL LIFTGATE

HARNESS 14B562

## Passenger Door Latch (G1234776)

PIN 6 => 33-AA60 YE 0.75 WA
PIN 5 => 33-AA59 YE-BK 0.75 WA
PIN 7 => 32-AA59 WH-BK 0.75 WA
PIN 4 => 31S-GL16A BK-BU 0.35 WA
PIN 8 => 31-AA58B BK 0.35 WA
PIN 1 => 31-AA58C BK 0.35 WA



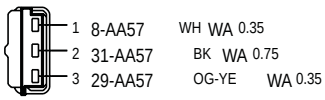

3M5T-14A464-DKA

C149

TO PASS. FRONT DOOR LATCH UNIT

HARNESS 14K138

## Radio Frequency (RF) Receiver (G1234777)




3M5T-14489-CCB

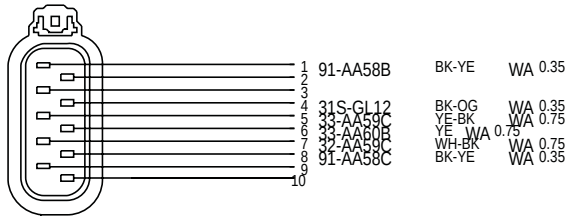
C390

TO REMOTE RF RECEIVER

HARNESS 14335

## Rear Door Latch (G1236332)

PIN 5 => 32-AA59B WH-BK 0.75 WA
PIN 1 => 31-AJ83A BK 0.50 WA
PIN 8 => 31-AJ83B BK 0.50 WA
PIN 7 => 33-AA59B YE-BK 0.75 WA




3M5T-14A464-DKA

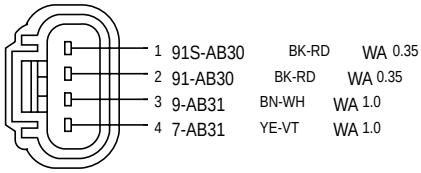
C150

TO REAR DOOR LATCH UNIT

HARNESS 14240

## Rear Door Latch Release Motor (G1236333)

PIN 4 => 91-AB19 BK-RD 0.35 WA
PIN 1 => 7-AB20 YE-VT 1.0 WA
PIN 2 => 9-AB20 BN-WH 1.0 WA
PIN 3 => 91S-AB19 BK-RD 0.35 WA



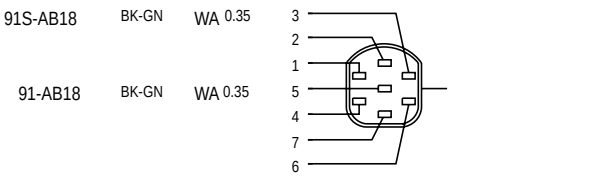

YF1T-14A464-CA

C209

TO RL DOOR LOCK/UNLOCK LATCH (KEYLESS VEHICLE)

HARNESS 14240

## Rear Door Unlock Switch (G1236334)




3M5T-14A464-RGA

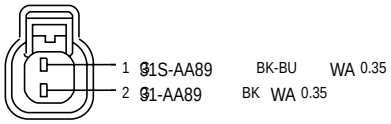
C208

TO RL UNLOCK SWITCH (KEYLESS VEHICLE)

HARNESS 14240

## Upper Liftgate Ajar Switch (G1246448)

PIN 2 => 15-RL50C GN-BU 0.75 WK
PIN 1 => 91S-RL50C BK-BU 0.75 WK




XR3T-14A464-AA

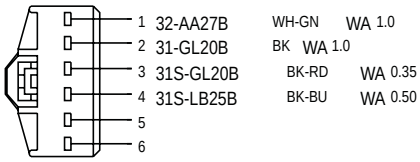
C790-A

TO TAILGATE RELEASE SWITCH MINI LIFTGATE

HARNESS 14B562

## Upper Liftgate Latch (G1246449)

PIN 2 => 9-RJ3 BN-WH 0.5 R2
PIN 3 => 8-RJ3 WH-VT 0.5 R2
PIN 1 => 7-RJ3 YE-RD 0.5 R2




3M5T-14489-DFA

C803-A

TO LATCH (MINI LIFTGATE)

HARNESS 17N400

# SECTION 501-16 Wipers and Washers

## VEHICLE APPLICATION: 2011.0 Kuga

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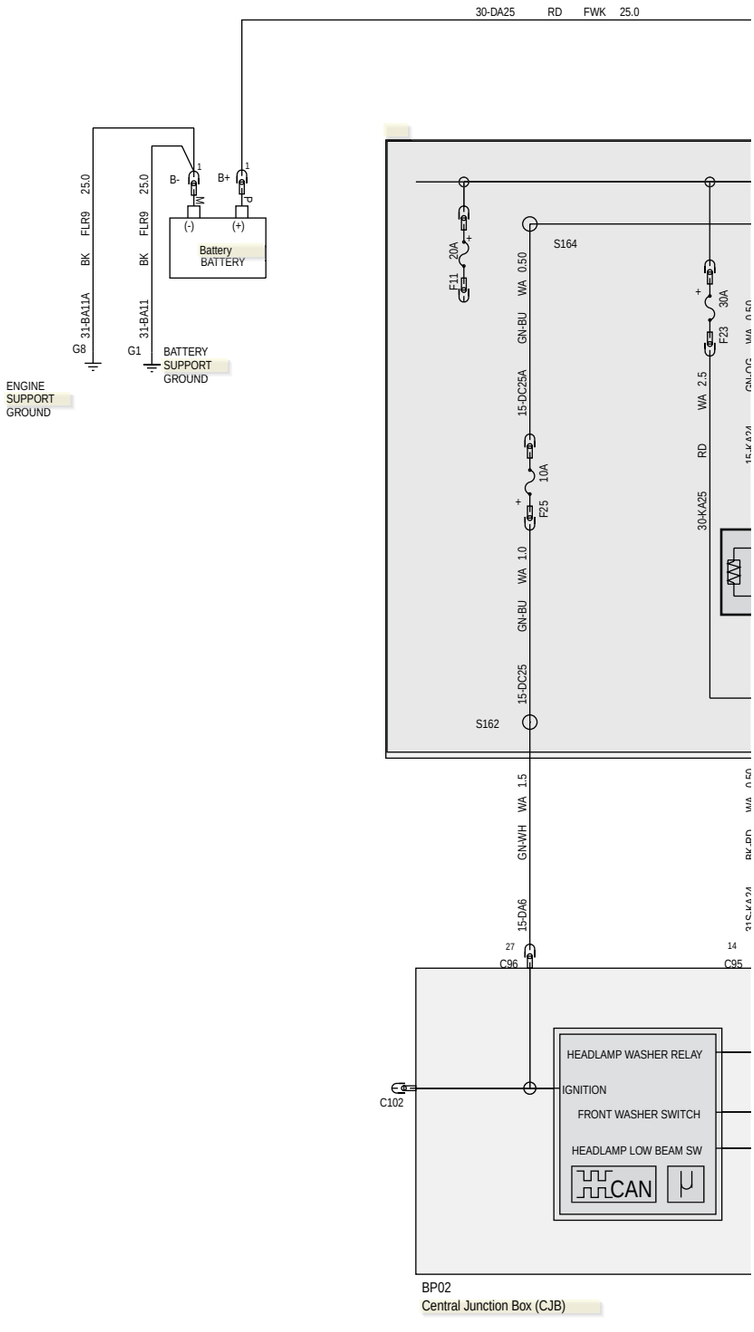
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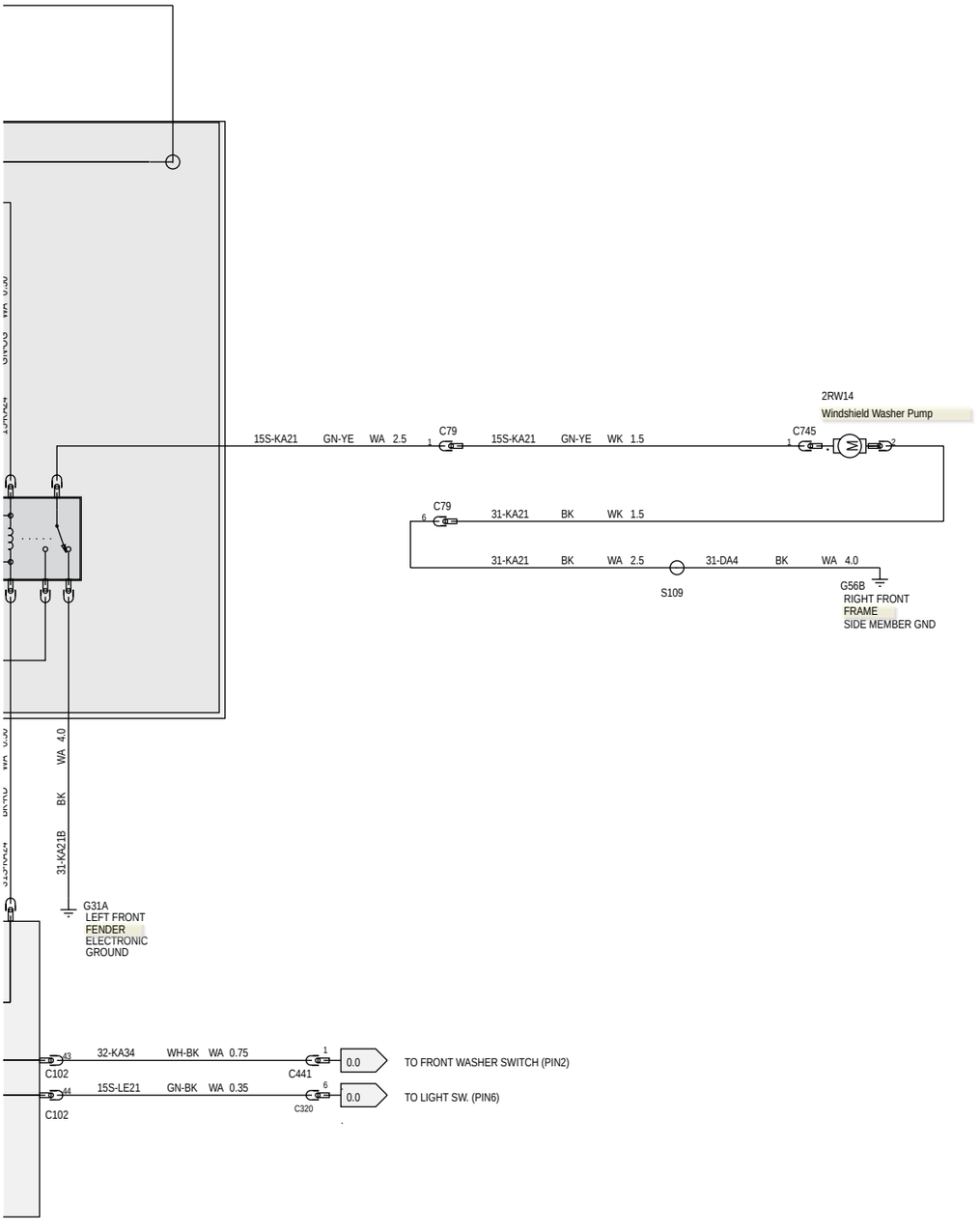
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Windshield Wiper/Washer Switch..... 501-16-11

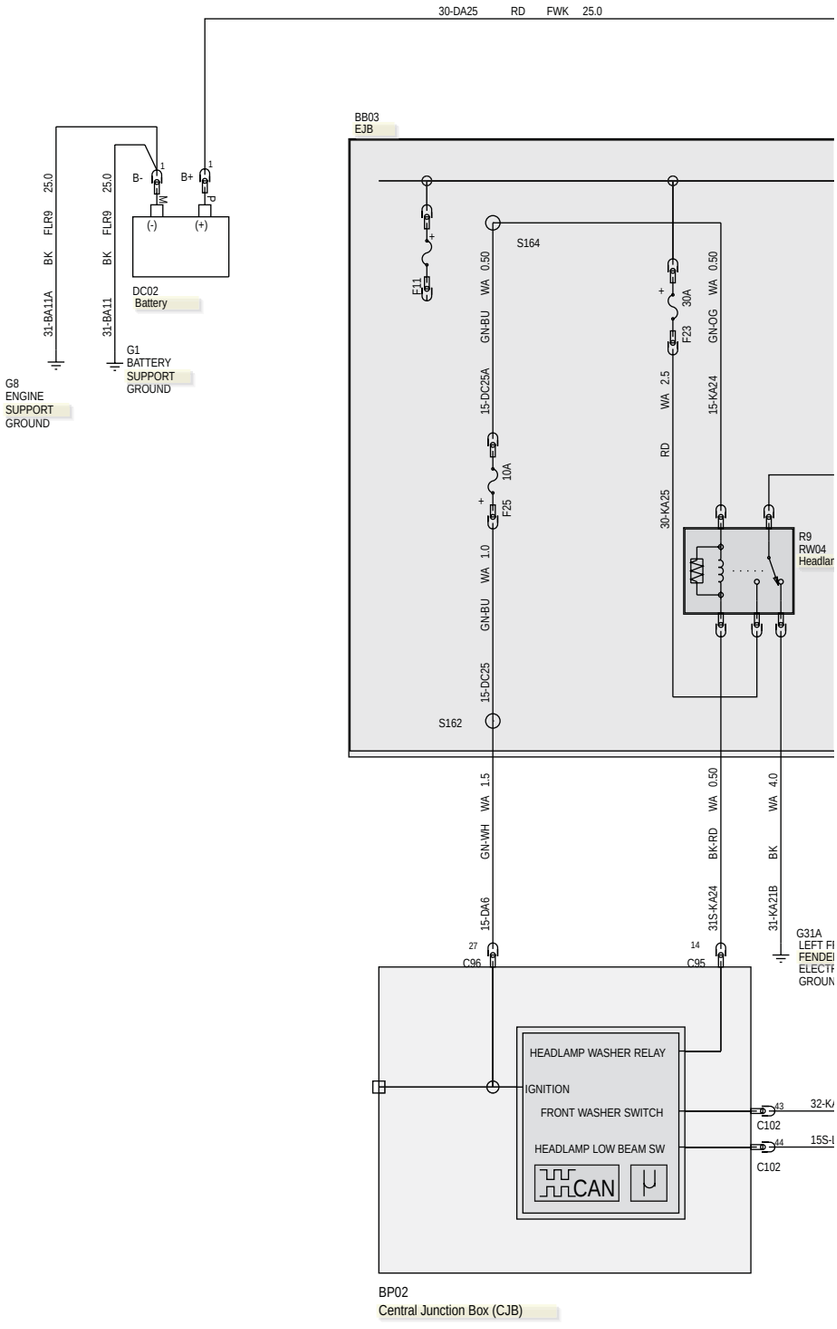
501-16-2 Headlamp Washer



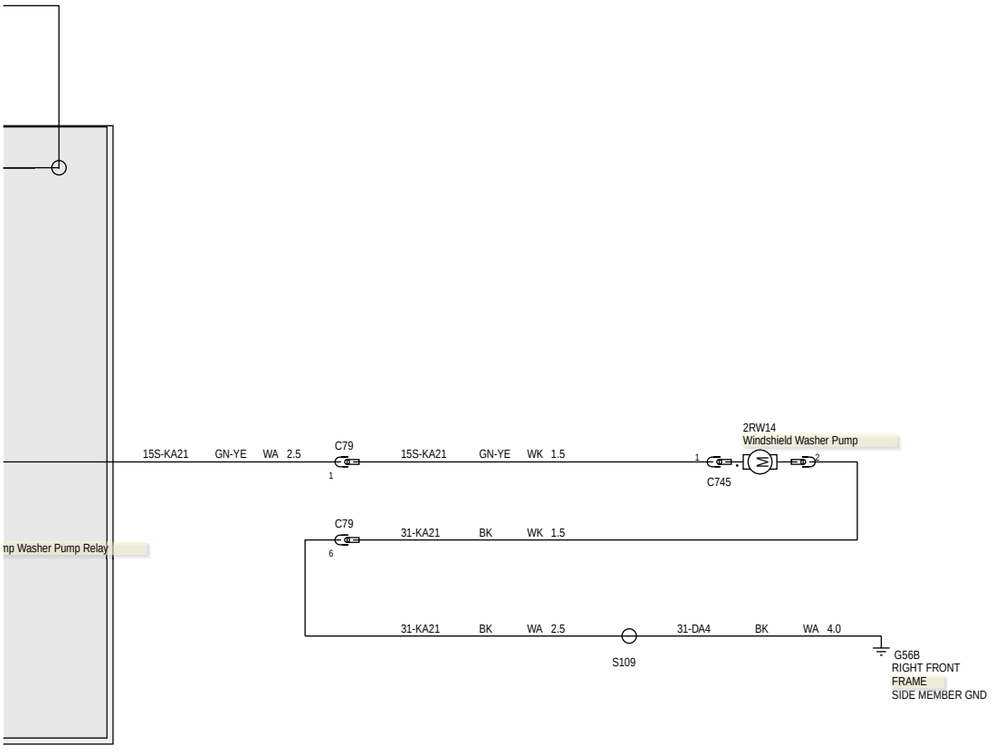
501-16-3 Headlamp Washer

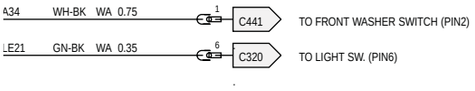


501-16-4 Headlamp Washer

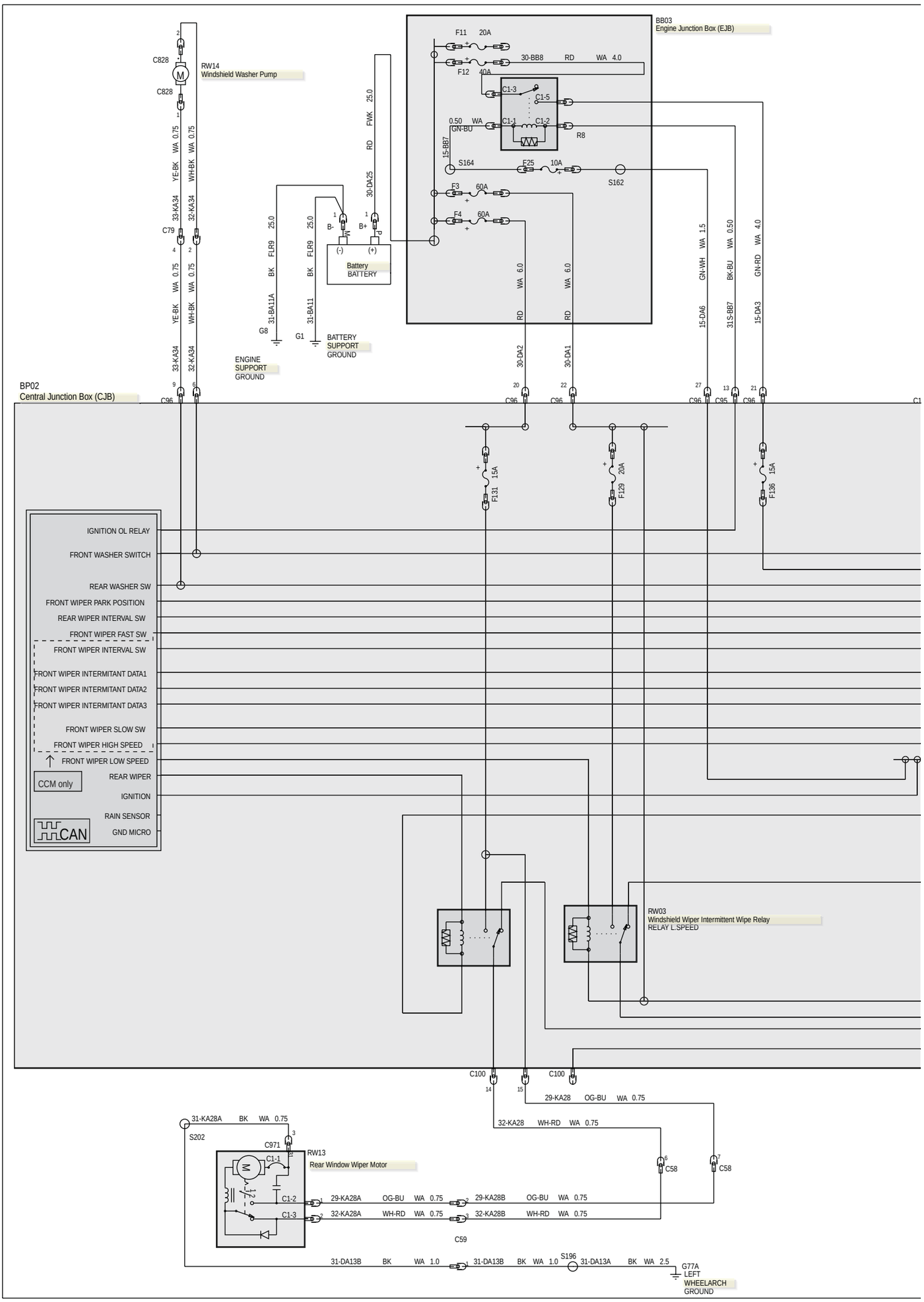


501-16-5 Headlamp Washer

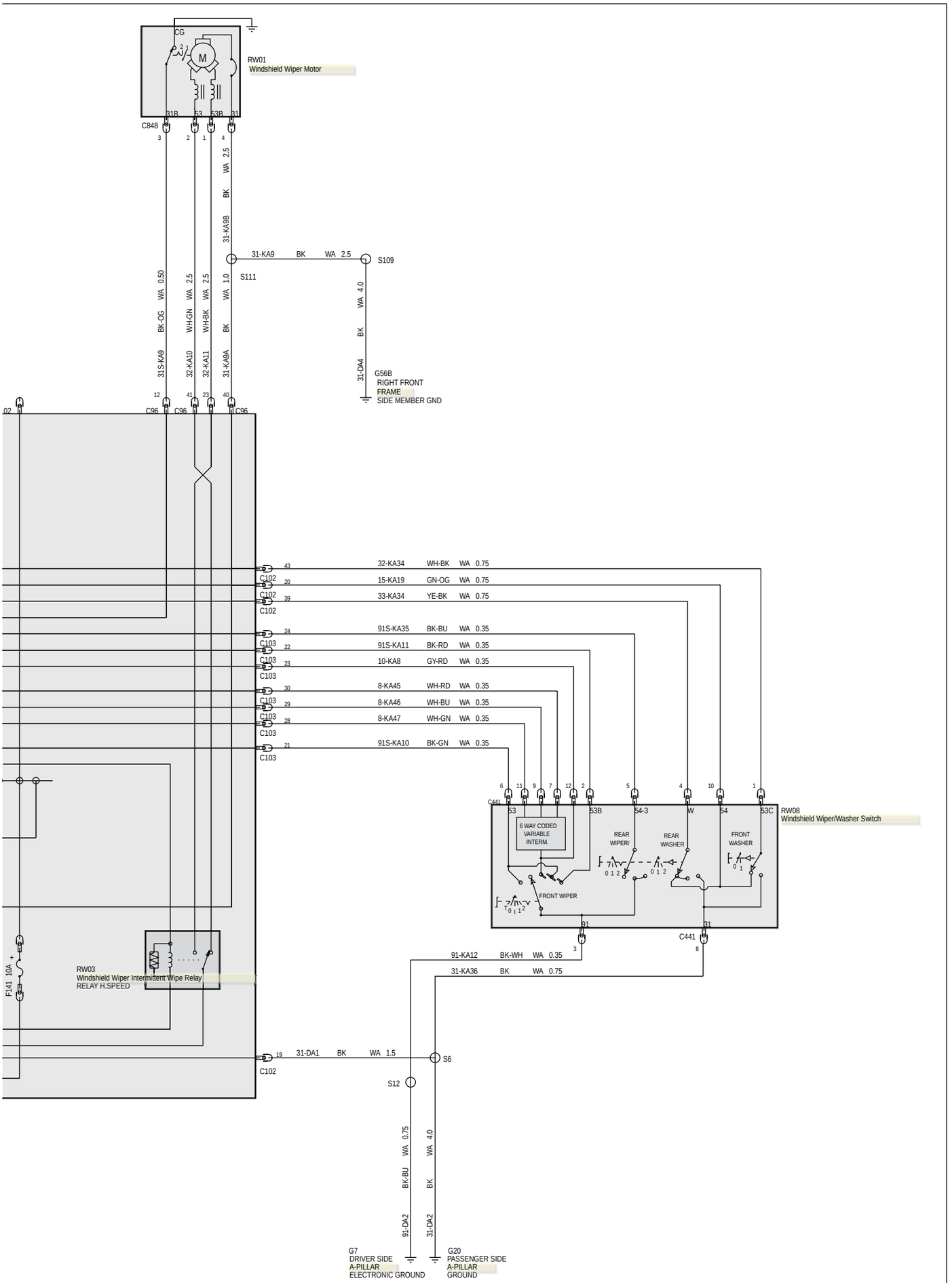


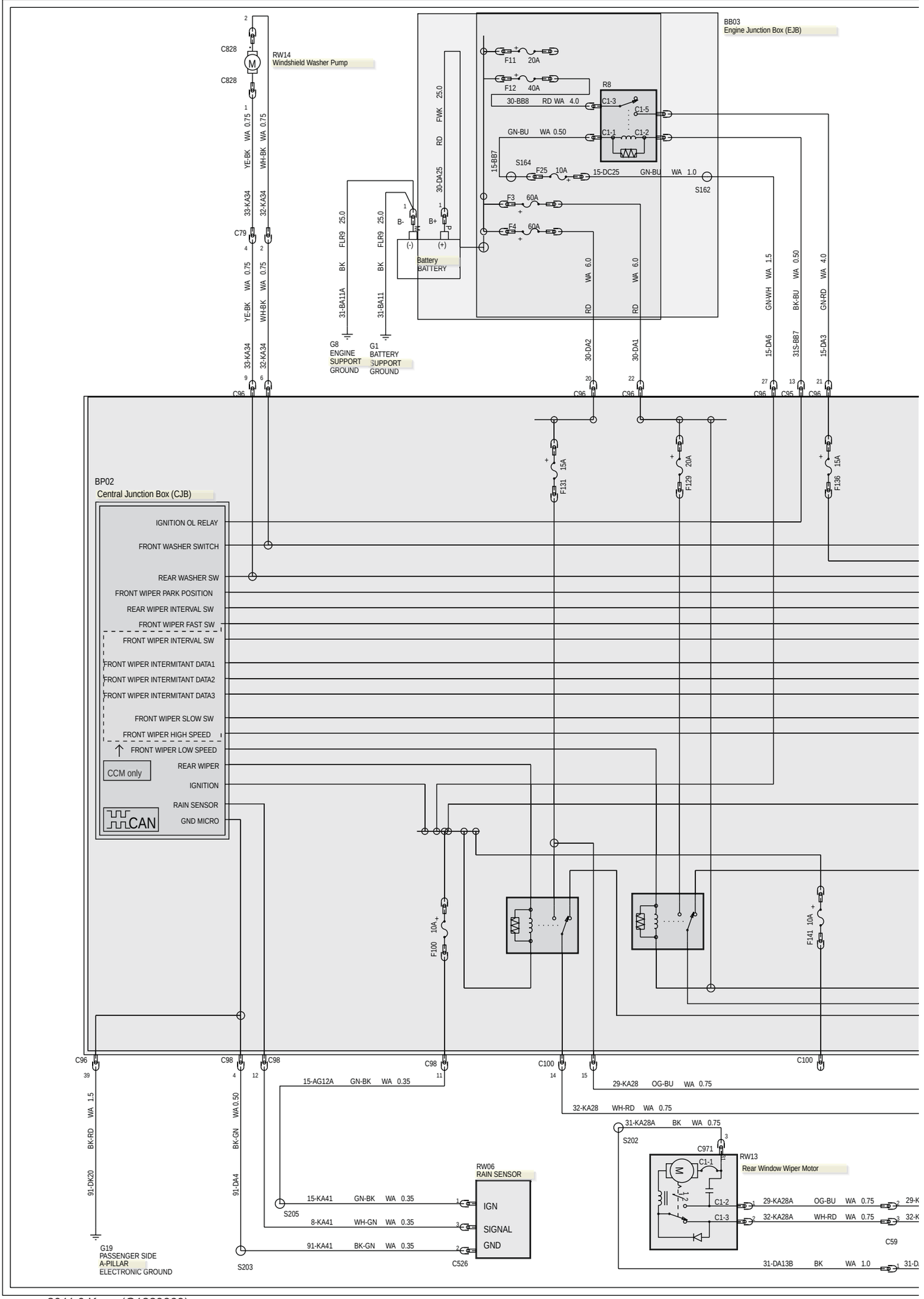
501-16-6 Wipers and Washers—Vehicles Without: Autowipers



501-16-7 Wipers and Washers—Vehicles Without: Autowipers

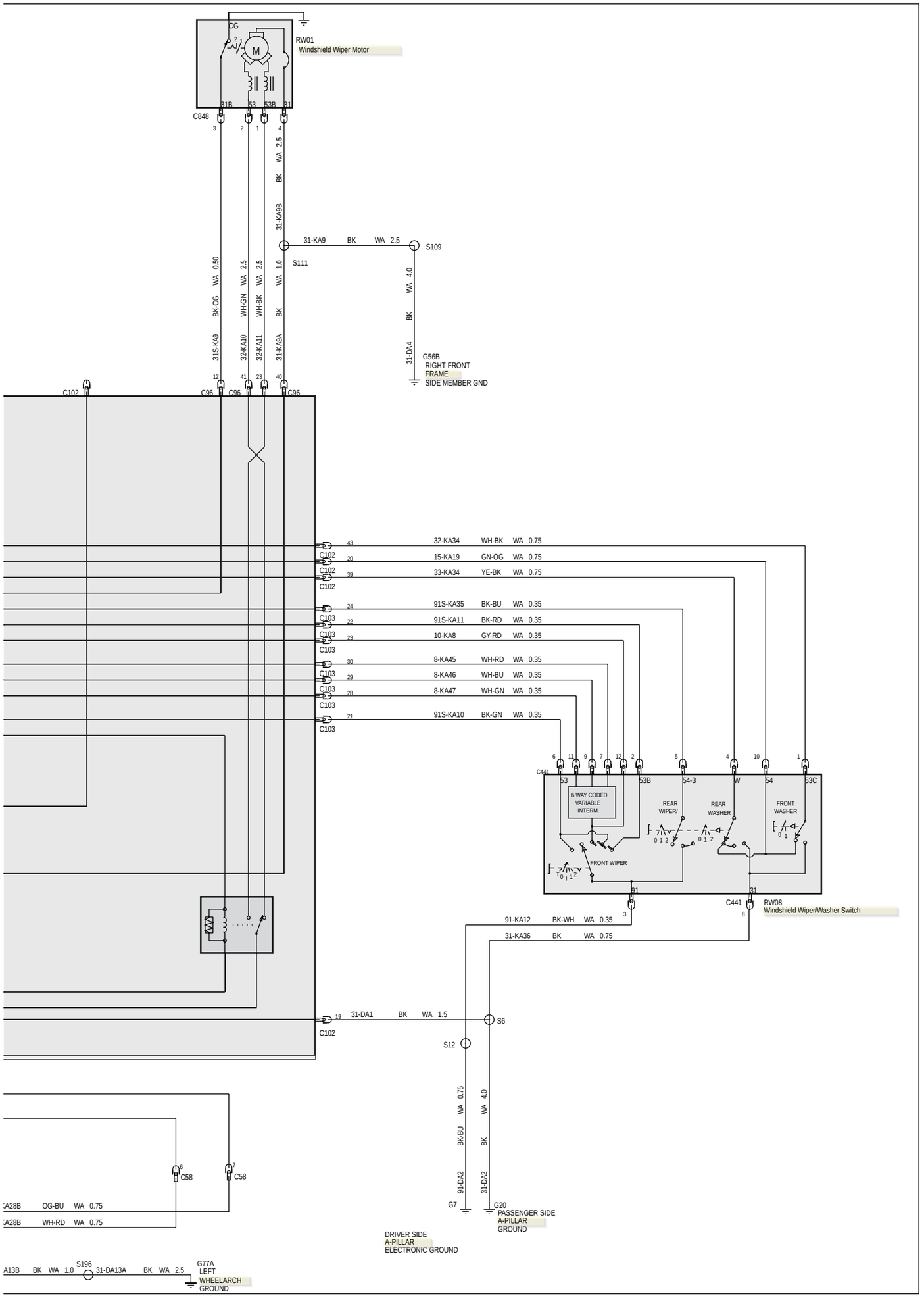


501-16-8 Wipers and Washers—Vehicles With: Autowipers

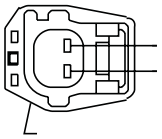



2011.0 Kuga (G1223869)

501-16-9 Wipers and Washers—Vehicles With: Autowipers



## Headlamp Washer Pump (G1234785)



2 31-KA21 BK WK 1.5
1 15S-KA21 GN-YE WK 1.5

XW4T-14A464-AJB

C745
TO HEADLAMP WASHER PRESSURE PUMP MOTOR

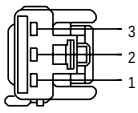
HARNESS F221050

## Headlamp Washer Pump Relay (G1313062)

IMAGE NOT AVAILABLE

## Rear Window Wiper Motor (G1234786)

PIN 2 => 32-KA28 BK 0.75 WA + 32-KA28A WH-RD 0.75 WA
PIN 1 => 29-KA28 BK 0.75 WA + 29-KA28A OG-BU 0.75 WA
PIN 3 => 31-KA28A BK 0.75 WA



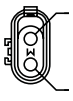
3 31-KA28 BK WA 0.75
2 32-KA28A WH-RD WA 0.75 + 32-KA28 BK WA 0.75
1 29-KA28A OG-BU WA 0.75 + 29-KA28 BK WA 0.75

4S7T-14489-VCA

C971
TO REAR WIPER MOTOR

HARNESS 14B562

## Windshield Heated Washer Jet LH (G1234787)



1 15-HB13 GN-BU WA 0.75
2 31-HB13 BK WA 0.75

91AG-14A464-BBC

C721
TO LEFT FRONT WINDOW WASHER JET HEATER

HARNESS 14297

## Windshield Heated Washer Jet RH (G1234788)



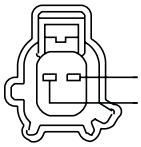
| | | | | |
|---|---|---|---|---|
| 1 | 15-HB26 | GN-RD | WA | 0.75 |
| 2 | 31-HB26 | BK | WA | 0.75 |

91AG-14A464-BBC

C720
TO RIGHT FRONT WINDOW WASHER JET HEATER

HARNESS 14297

## Windshield Washer Pump (G1234789)



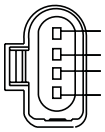
| | | | | |
|---|---|---|---|---|
| 1 | 33-KA34 | YE-BK | WA | 0.75 |
| 2 | 32-KA34 | WH-BK | WA | 0.75 |

1L2T-14A464-BA

C828
TO WASHER PUMP

HARNESS F221050

## Windshield Wiper Motor (G1234790)



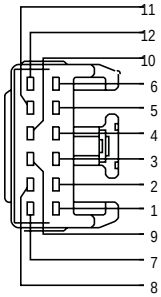
| | | | | |
|---|---|---|---|---|
| 4 | 31-KA9B | BK | WA | 2.5 |
| 3 | 31S-KA9 | BK-OG | WA | 0.50 |
| 2 | 32-KA10 | WH-GN | WA | 2.5 |
| 1 | 32-KA11 | WH-BK | WA | 2.5 |

3M5T-14A464-GDA

C848
HARNESS 14K733

TO WINDSHIELD WIPER MOTOR (FRONT WIPER MOTOR EU)

## Windshield Wiper/Washer Switch (G1234791)



| | | | | |
|---|---|---|---|---|
| 11 | 8-KA47 | WH-GN | WA | 0.35 |
| 12 | 10-KA8 | GY-RD | WA | 0.35 |
| 10 | 15-KA19 | GN-OG | WA | 0.75 |
| 6 | 91S-KA10 | BK-GN | WA | 0.35 |
| 5 | 91S-KA35 | BK-BU | WA | 0.35 |
| 4 | 33-KA34 | YE-BK | WA | 0.75 |
| 3 | 91-KA12 | BK-WH | WA | 0.35 |
| 2 | 91S-KA11 | BK-RD | WA | 0.35 |
| 1 | 32-KA34 | WH-BK | WA | 0.75 |
| 9 | 8-KA46 | WH-BU | WA | 0.35 |
| 7 | 8-KA45 | WH-RD | WA | 0.35 |
| 8 | 31-KA36 | BK | WA | 0.75 |

97BG-14489-YMB

C441
TO FRONT AND REAR WIPER SWITCH

HARNESS 14401

# SECTION 501-20A Safety Belt System

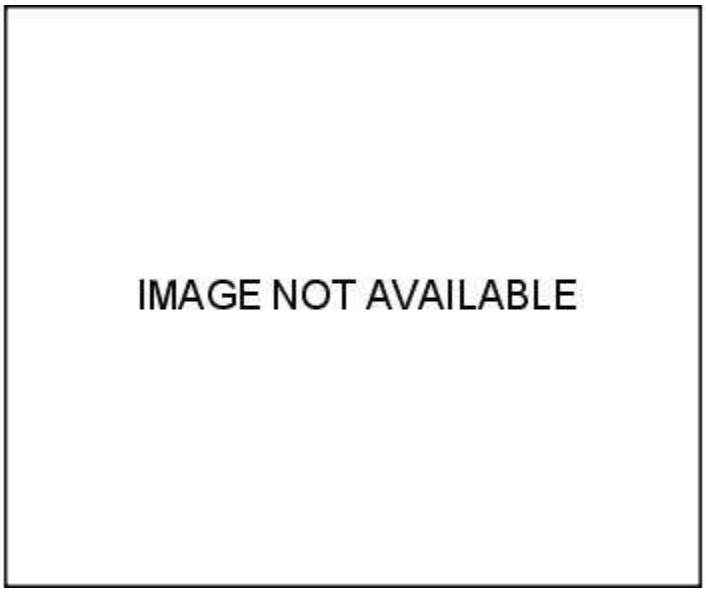
## VEHICLE APPLICATION: 2011.0 Kuga

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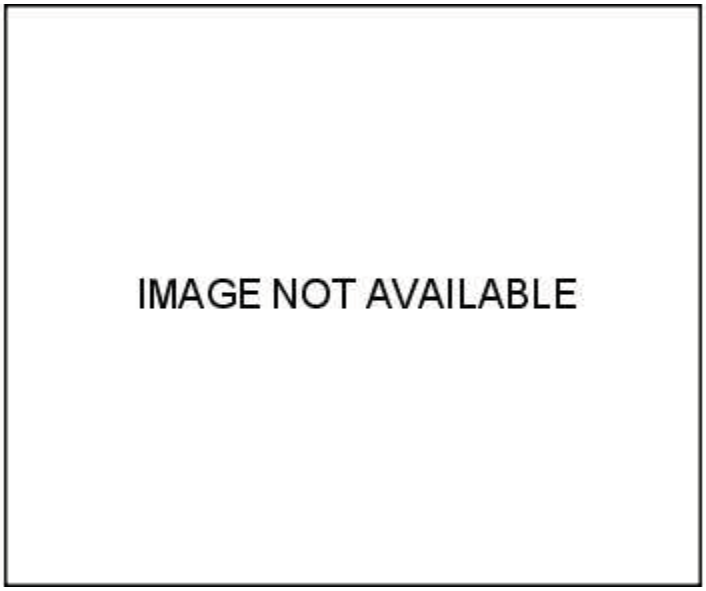
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Driver Safety Belt Pretensioner..... 501-20A-2
Passenger Safety Belt Buckle Switch..... 501-20A-2
Passenger Safety Belt Buckle Switch..... 501-20A-3
Passenger Safety Belt Pretensioner..... 501-20A-3

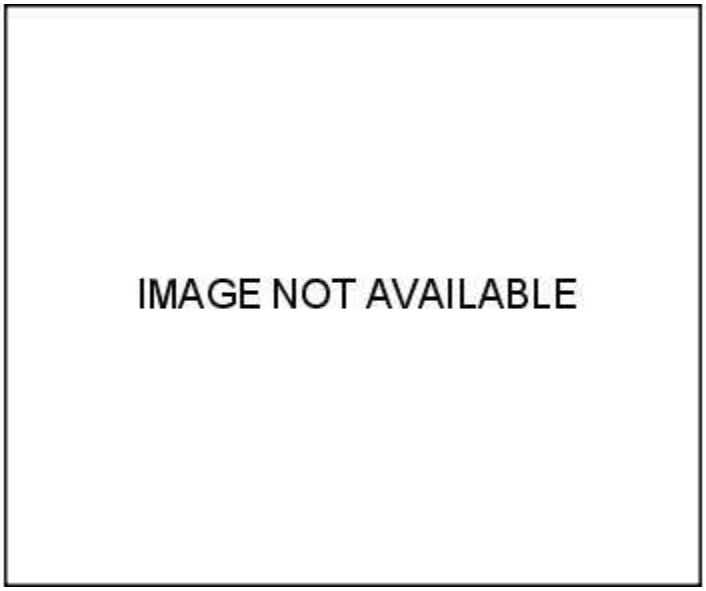
Driver Safety Belt Buckle Switch (G1240736)



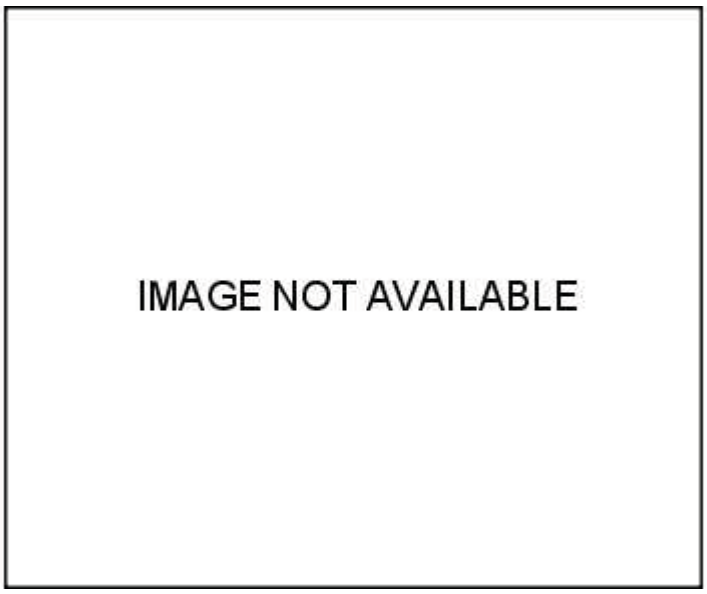

Driver Safety Belt Pretensioner (G1240737)



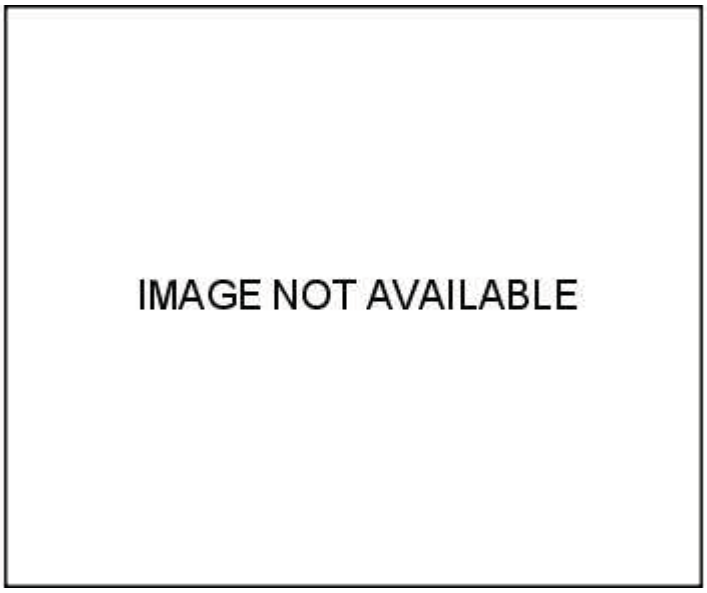

Passenger Safety Belt Buckle Switch (G1245490)



Passenger Safety Belt Buckle Switch (G1240738)




Passenger Safety Belt Pretensioner (G1240739)



# SECTION 501-20B Supplemental Restraint System

## VEHICLE APPLICATION: 2011.0 Kuga

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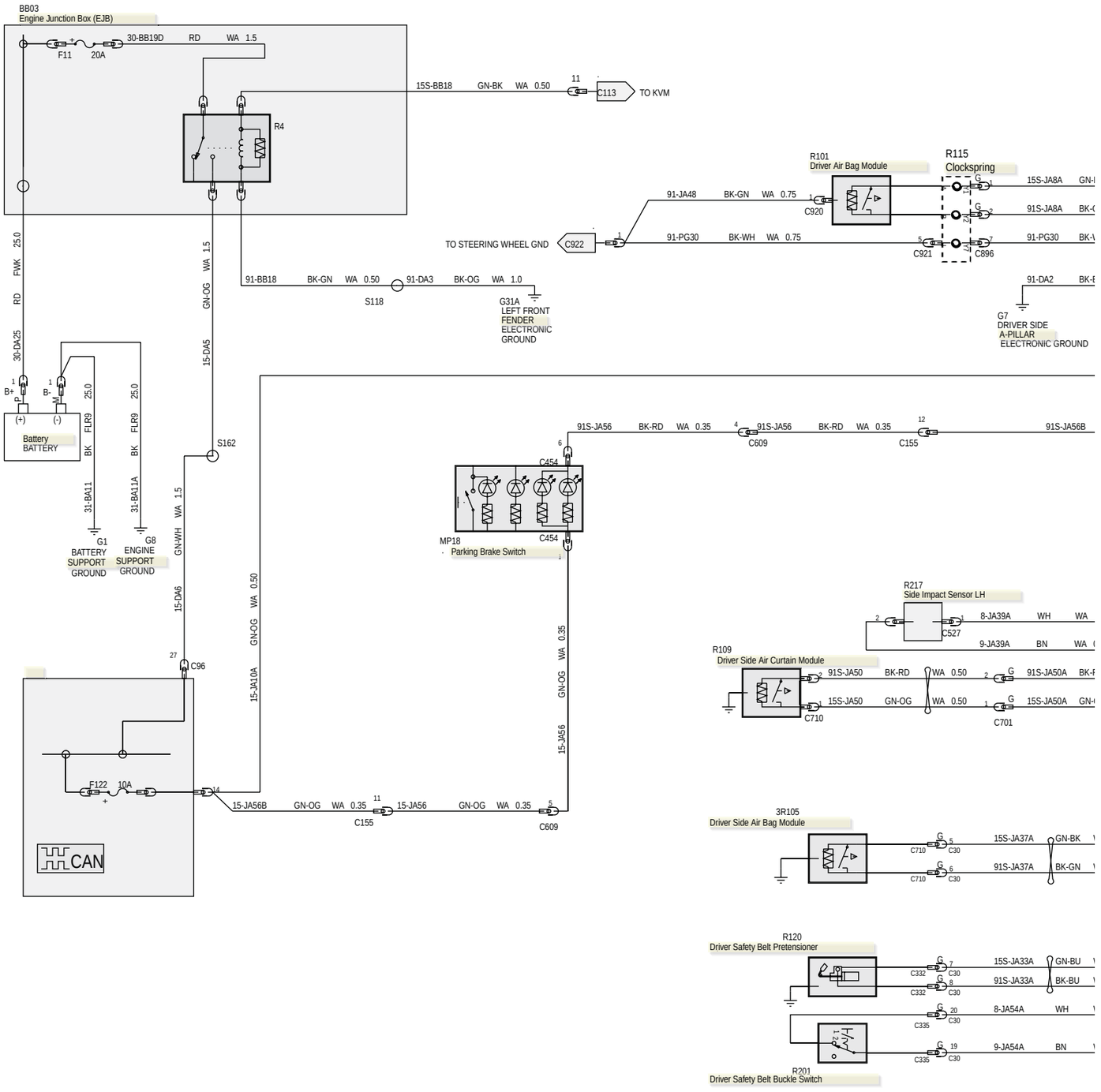
### ELECTRICAL SCHEMATICS

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Air Bags and Safety Belt Pretensioners..... 501-20B-4

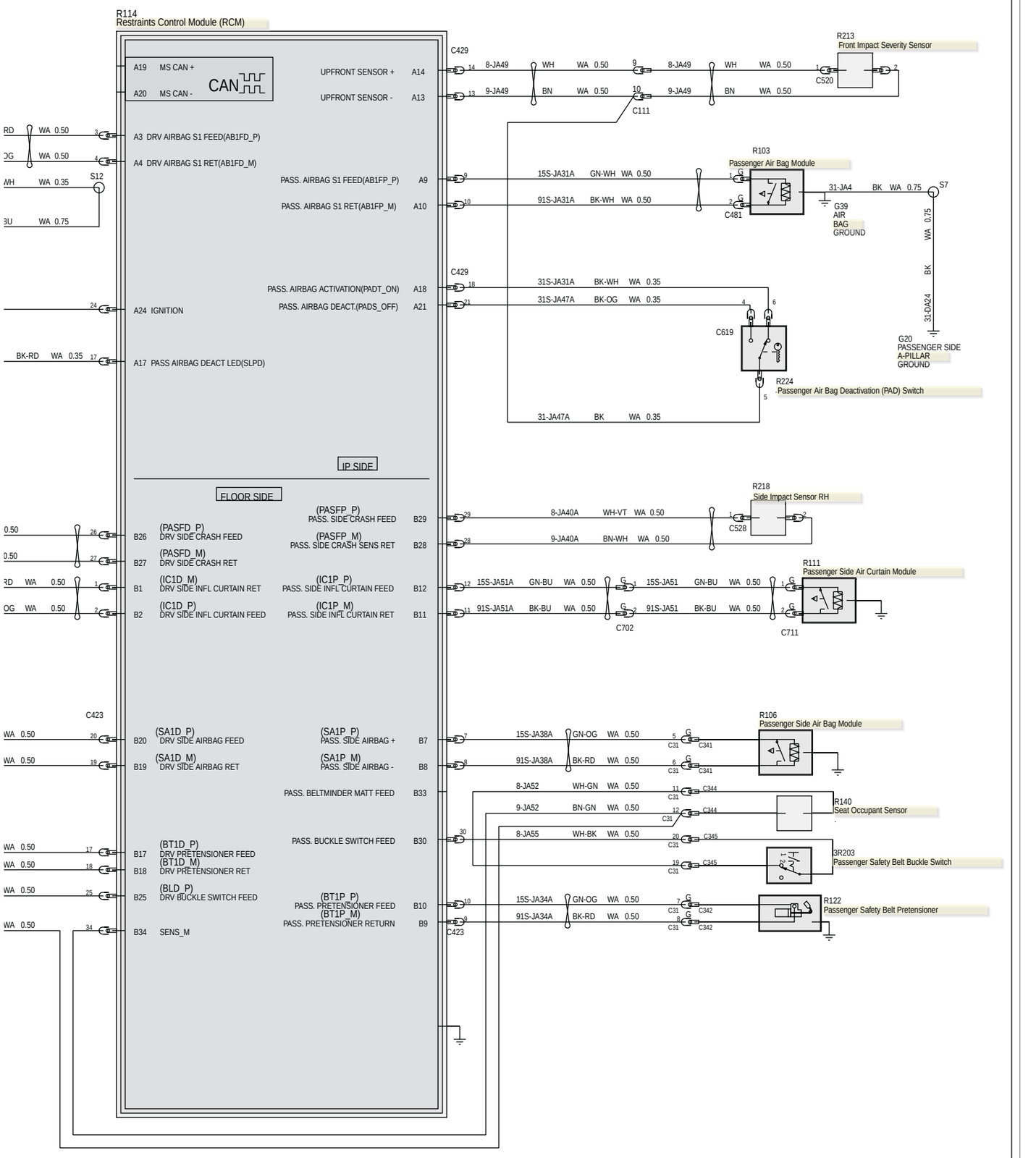
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Restraints Control Module (RCM)..... 501-20B-9
Restraints Control Module (RCM)..... 501-20B-9

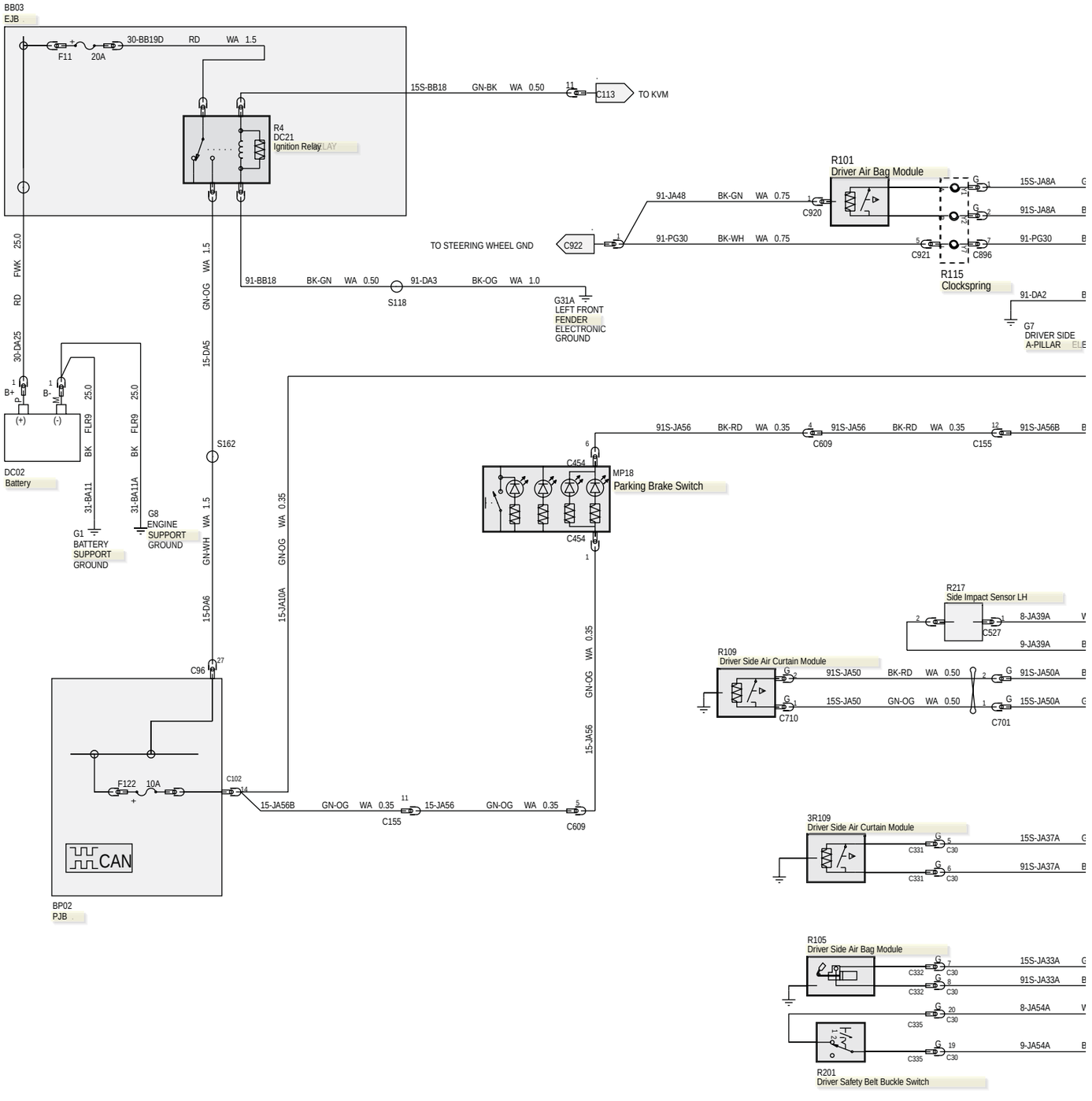
501-20B-2 Air Bags and Safety Belt Pretensioners



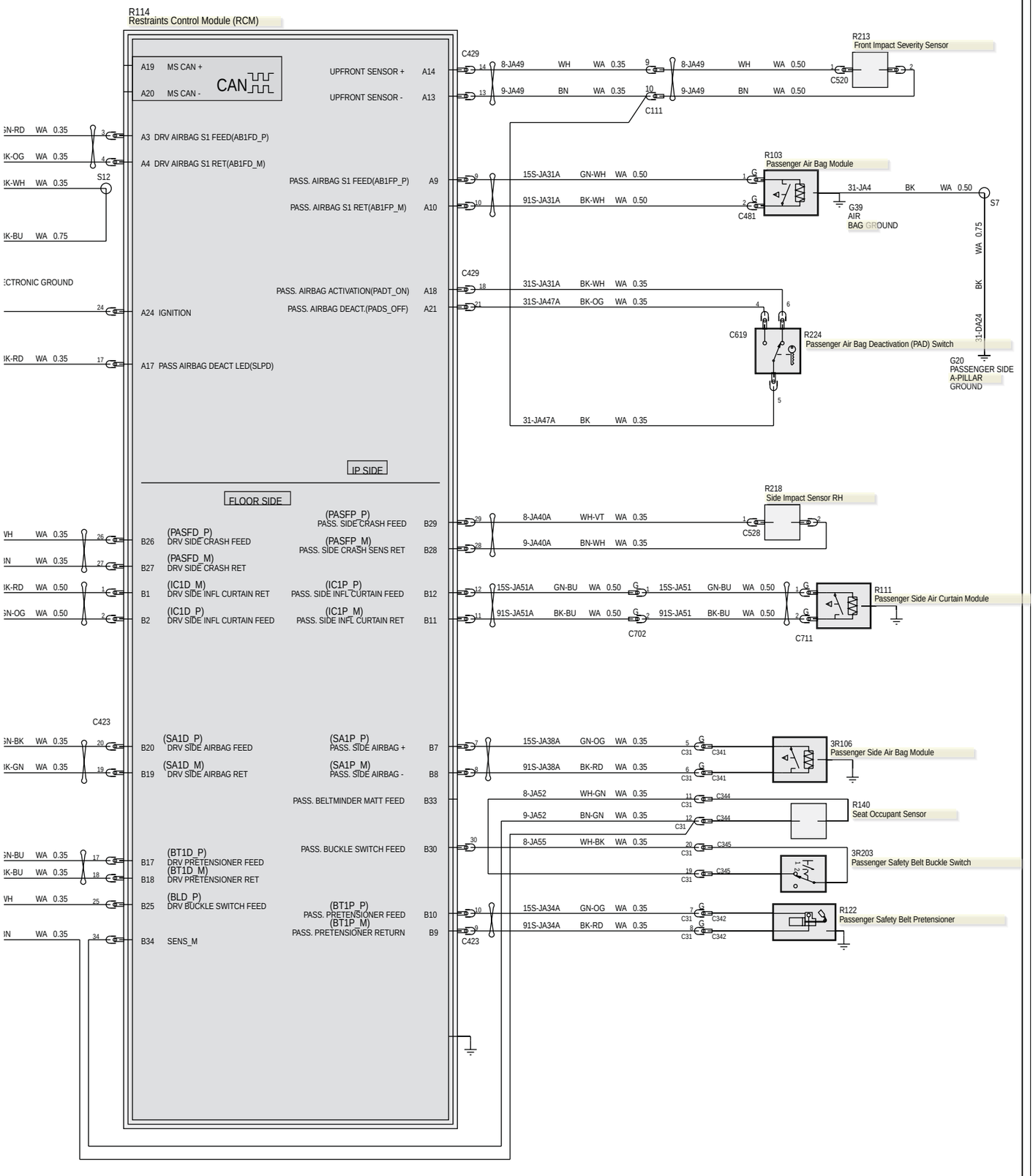
501-20B-3 Air Bags and Safety Belt Pretensioners



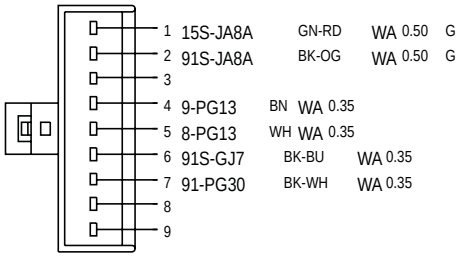
501-20B-4 Air Bags and Safety Belt Pretensioners



501-20B-5 Air Bags and Safety Belt Pretensioners



## Clockspring (G1234803)

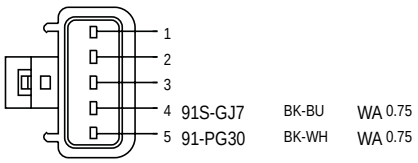



1S7T-14489-YA

C896
TO STEERING COLUMN CLOCK SPRING UNIT

HARNESS 14401

## Clockspring (G1240740)

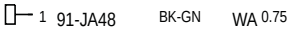



98AG-14489-RFA

C921
TO STEERING WHEEL

HARNESS 13927

## Driver Air Bag Module (G1234804)




93BG-14474-ZAA

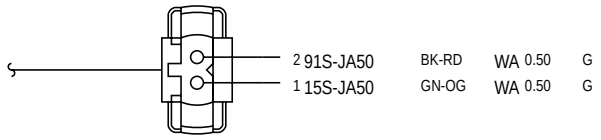
C920
TO DRIVER AIRBAG GND

HARNESS 13927

## Driver Side Air Bag Module (G1240741)

IMAGE NOT AVAILABLE

## Driver Side Air Curtain Module (G1234805)

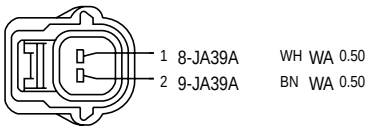



2S6T-14A464-GB

C710
TO DRIVER INFLATABLE CURTAIN (ROLLOVER)

HARNESS 14K155

## Driver Side Impact Sensor (G1234806)

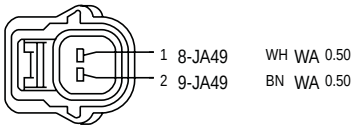



6E5T-14A464-LA(XXX)

C527
TO DRIVER SIDE CRASH SENSOR (PAS5)

HARNESS 14014

## Front Impact Severity Sensor (G1234807)

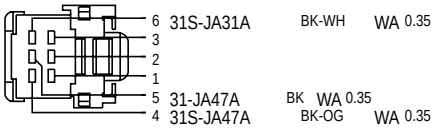



6L2T-14A464-AB(XXX)

C520
TO FRONT CRASH SENSOR

HARNESS 14K733

## Passenger Air Bag Deactivation (PAD) Switch (G1234808)

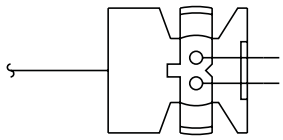



2S6T-14489-GA

C619
TO PASSENGER AIRBAG DEACTIVATION SWITCH

HARNESS 14401

## Passenger Air Bag Module (G1234809)




| | | | |
|---|---|---|---|
| BK-WH | WA 0.50 | G | |
| GN-WH | WA 0.50 | G | |

1W1T-14A464-BA

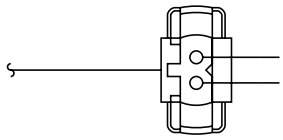
C481
TO PASSENGER AIRBAG STAGE 1

HARNESS 14401

## Passenger Side Air Bag Module (G1240742)

IMAGE NOT AVAILABLE

## Passenger Side Air Curtain Module (G1234810)



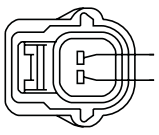

| | | | |
|---|---|---|---|
| BK-BU | WA 0.50 | G | |
| GN-BU | WA 0.50 | G | |

2S6T-14A464-GB

C711
TO PASSENGER INFLATABLE CURTAIN (ROLLOVER)

HARNESS 14K155

## Passenger Side Impact Sensor (G1234811)



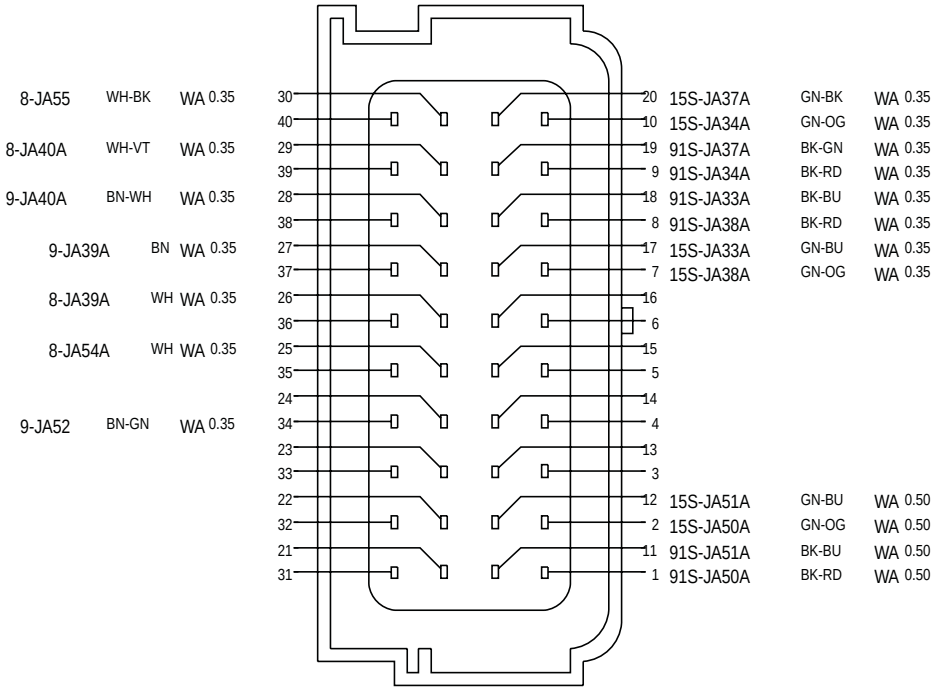

| | | | |
|---|---|---|---|
| WH-VT | WA 0.50 | | |
| BN-WH | WA 0.50 | | |

6E5T-14A464-LA(XXX)

C528
TO PASSENGER SIDE CRASH SENSOR (PAS5)

HARNESS 14014

## Restraints Control Module (RCM) (G1234812)

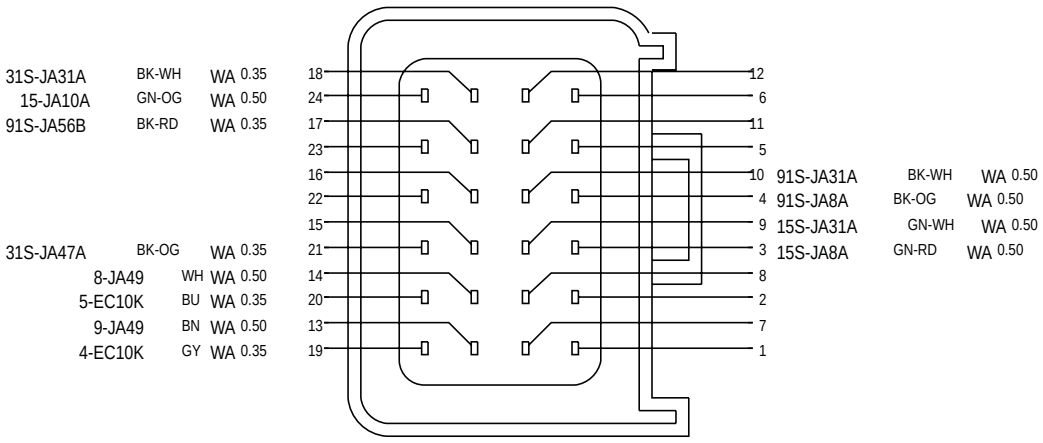



2M5T-14A464-CAA(XXX)

C423
TO ADVANCED RESTRAINTS (AIRBAG) MODULE

HARNESS 14014

## Restraints Control Module (RCM) (G1234813)




4M5T-14A464-ARA (XXX)

C429
TO ADVANCED RESTRAINTS (AIRBAG) MODULE

HARNESS 14401

GROUP

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# SECTION 700-00 General Information

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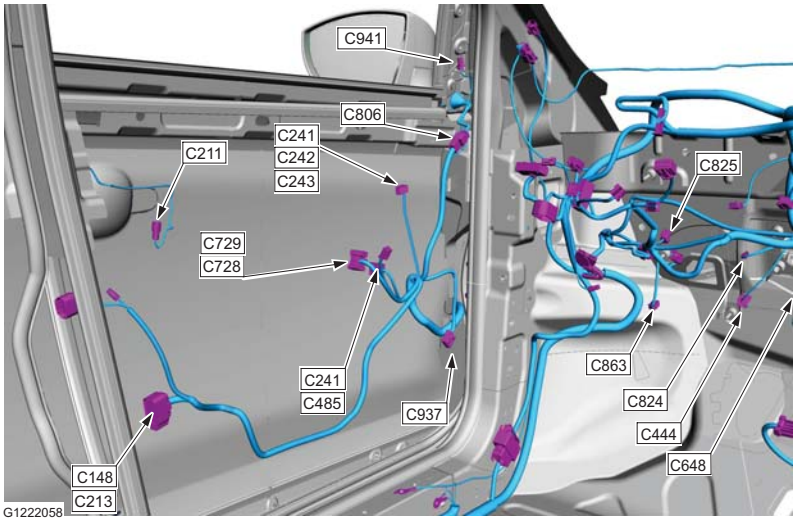
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Battery — 2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD..... 700-00-12
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Cooling Fan — 2.0L Duratorq-TDCi (100kW/136PS) - DW..... 700-00-15
Cooling Fan — 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Emission Requirements: Stage V..... 700-00-16
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Engine Upper View — 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6, Emission Requirements: Stage V ..... 700-00-41
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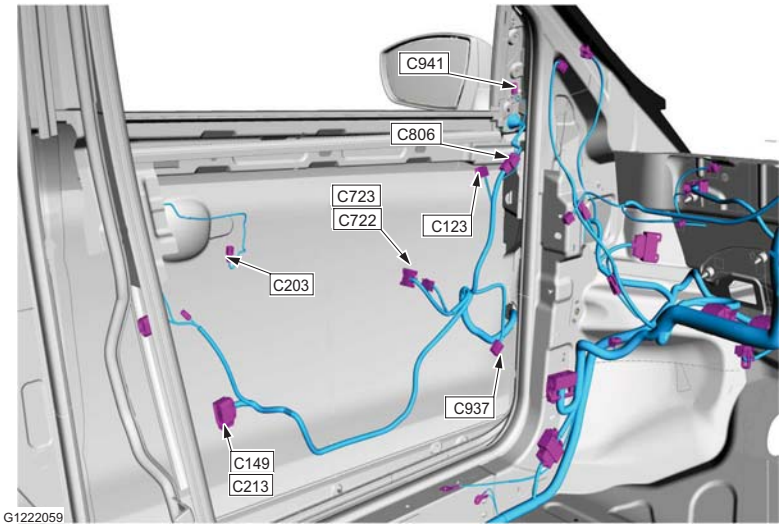
## COMPONENT LOCATION

# A-Pillar LH - LHD 4WD/LHD FWD



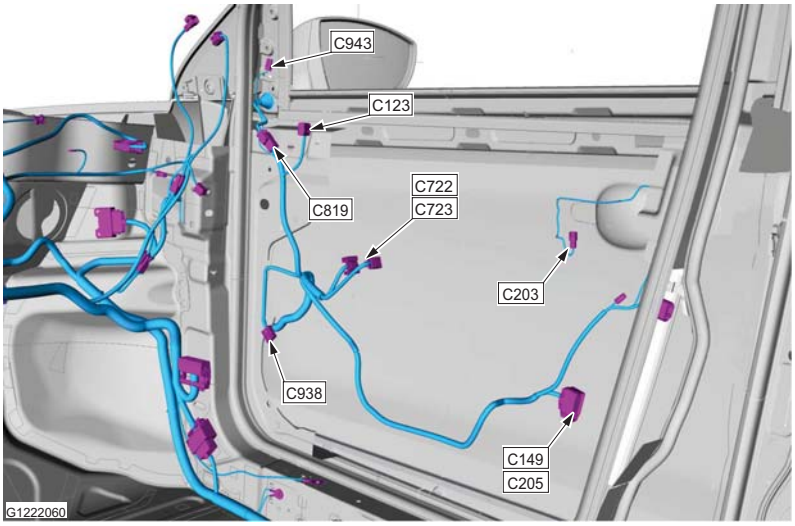
## COMPONENT LOCATION

# A-Pillar LH - RHD 4WD/RHD FWD



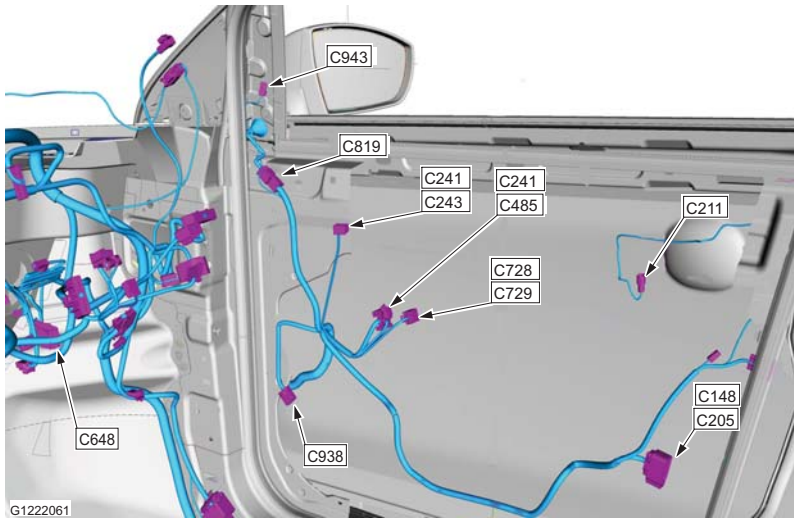
## COMPONENT LOCATION

# A-Pillar RH - LHD 4WD/LHD FWD



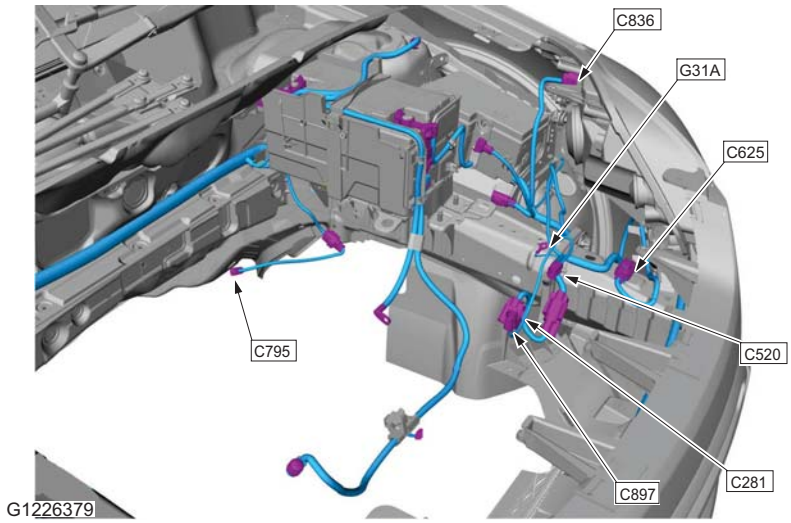
## COMPONENT LOCATION

# A-Pillar RH - RHD 4WD/RHD FWD



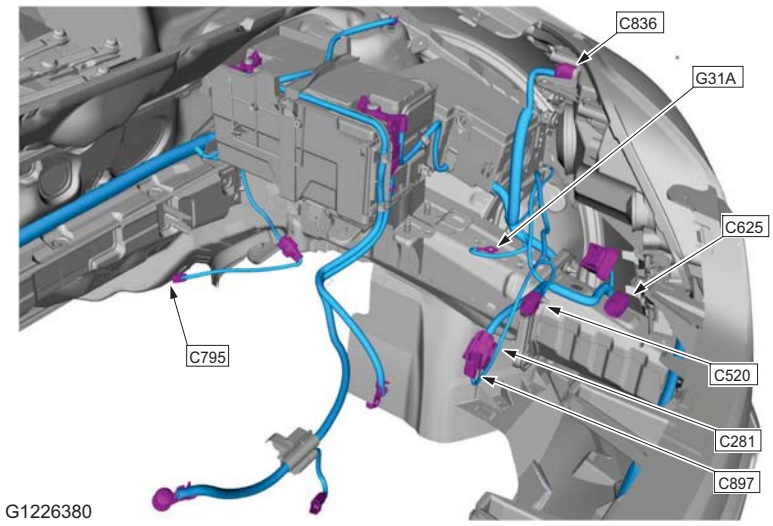
## COMPONENT LOCATION

# Battery - 2.5L Duratec (147kW/200PS) - VI5, LHD 4WD



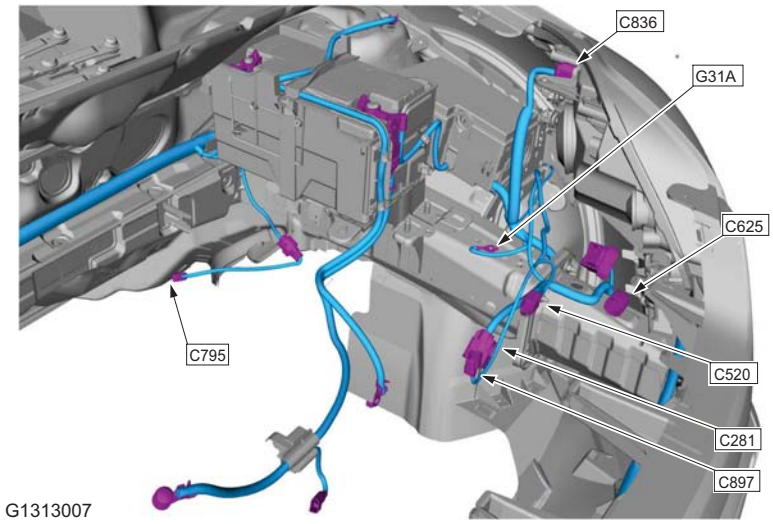
## COMPONENT LOCATION

# Battery - 2.0L Duratorq-TDCi (100kW/136PS) - DW, LHD 4WD/LHD FWD



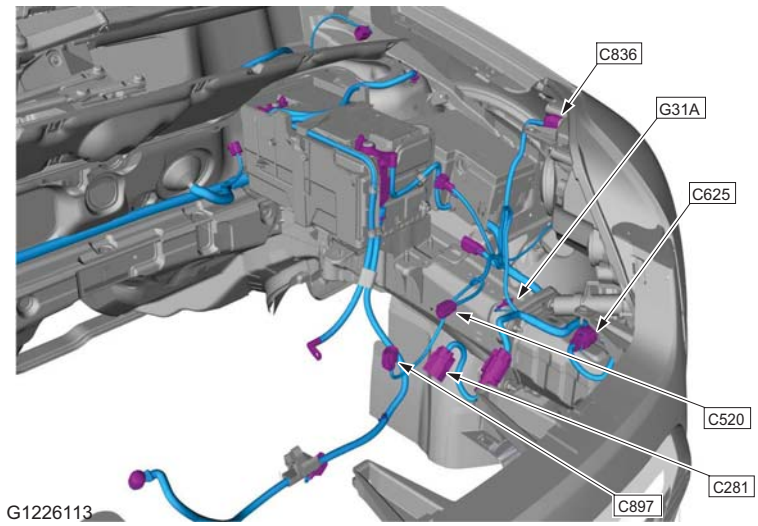
## COMPONENT LOCATION

# Battery - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V



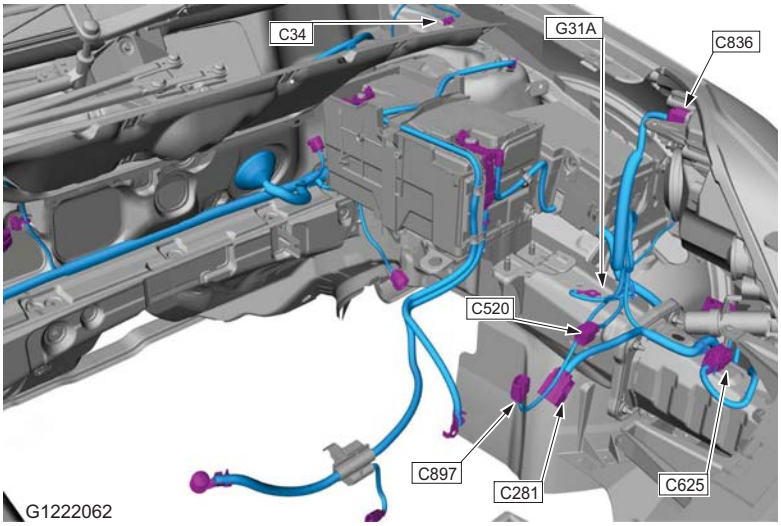
## COMPONENT LOCATION

# Battery - 2.5L Duratec (147kW/200PS) - VI5, RHD 4WD



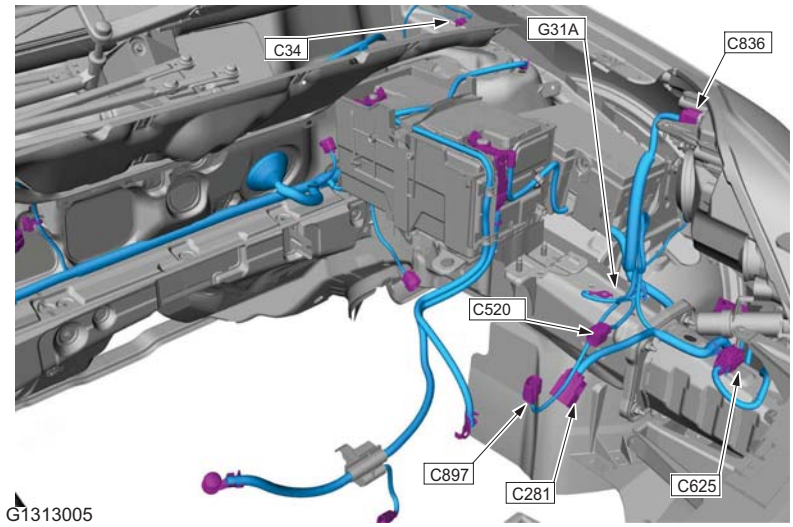
## COMPONENT LOCATION

# Battery - 2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD



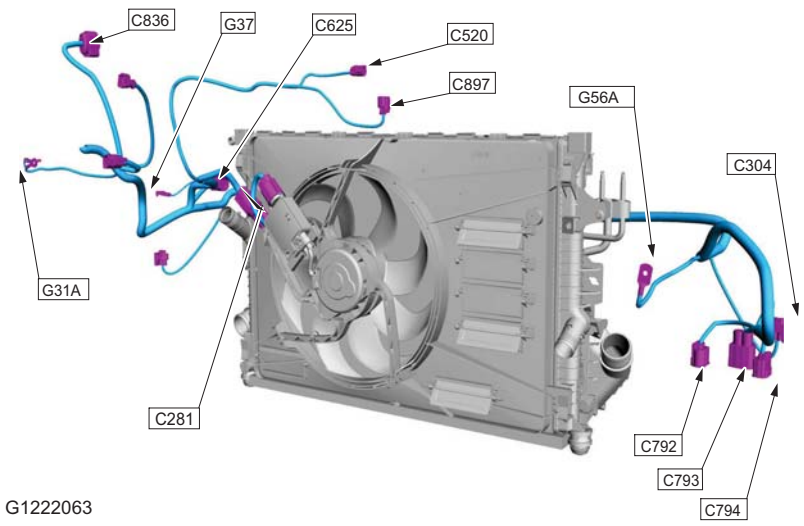
## COMPONENT LOCATION

# Battery - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, RHD 4WD/RHD FWD, Emission Requirements: Stage V



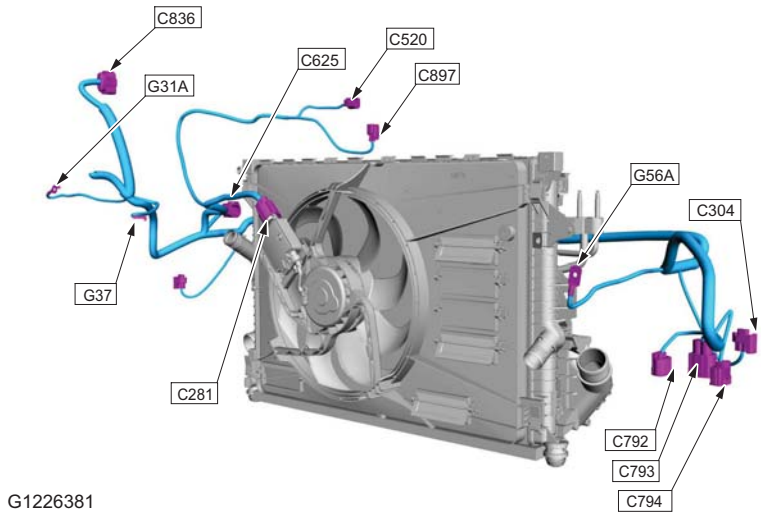
## COMPONENT LOCATION

# Cooling Fan - 2.5L Duratec (147kW/200PS) - VI5



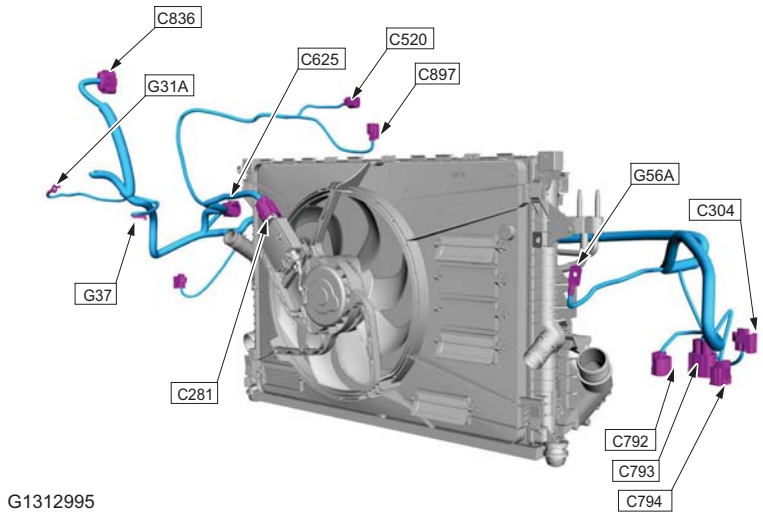
## COMPONENT LOCATION

# Cooling Fan - 2.0L Duratorq-TDCi (100kW/136PS) - DW



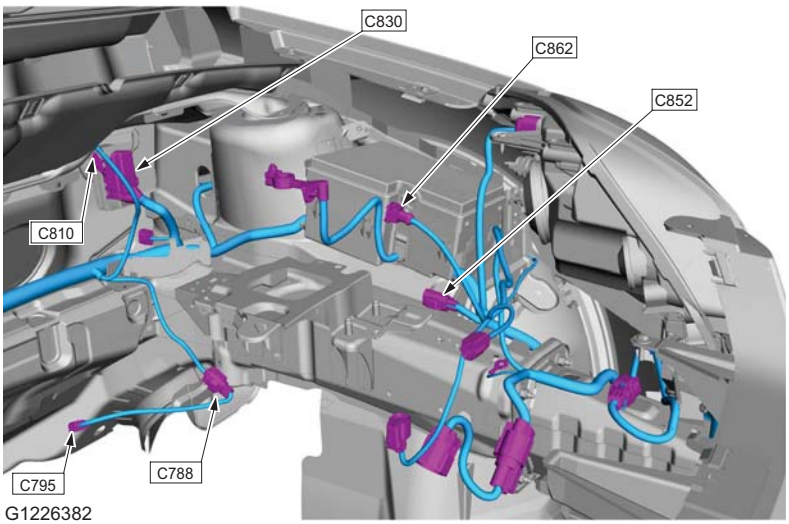
## COMPONENT LOCATION

# Cooling Fan - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Emission Requirements: Stage V



## COMPONENT LOCATION

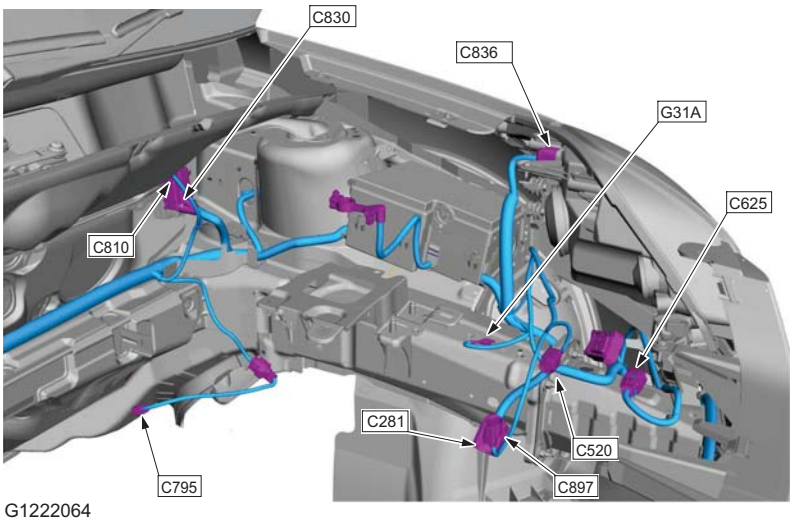
# Engine Compartment Left-Hand View - 2.5L Duratec (147kW/200PS) - VI5, LHD 4WD



G1226382

## COMPONENT LOCATION

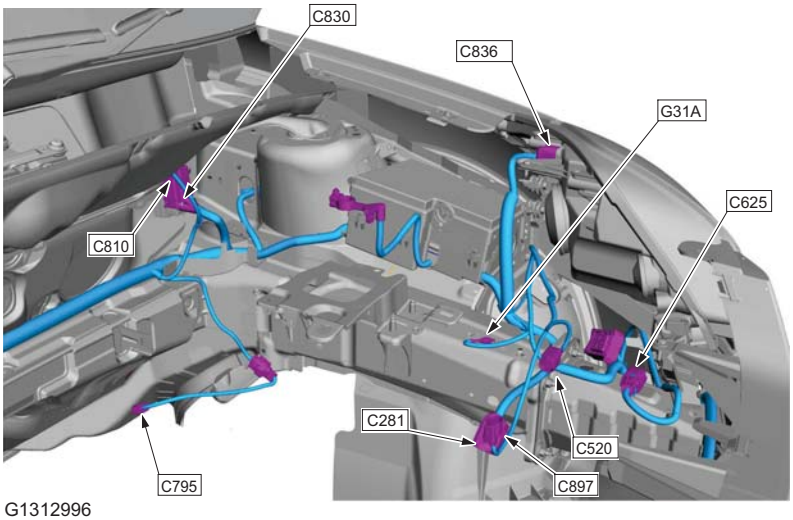
# Engine Compartment Left-Hand View - 2.0L Duratorq-TDCi (100kW/136PS) - DW, LHD 4WD/LHD FWD




G1222064

## COMPONENT LOCATION

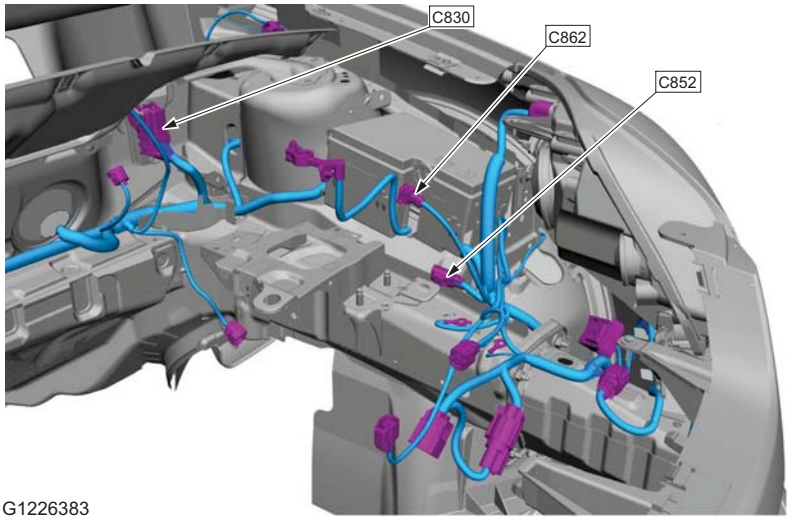
# Engine Compartment Left-Hand View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V




G1312996

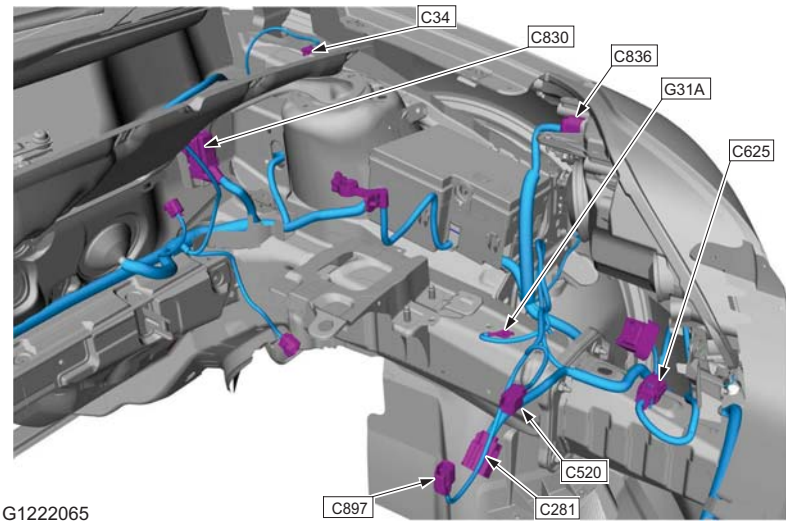
## COMPONENT LOCATION

# Engine Compartment Left-Hand View - 2.5L Duratec (147kW/200PS) - VI5, RHD 4WD



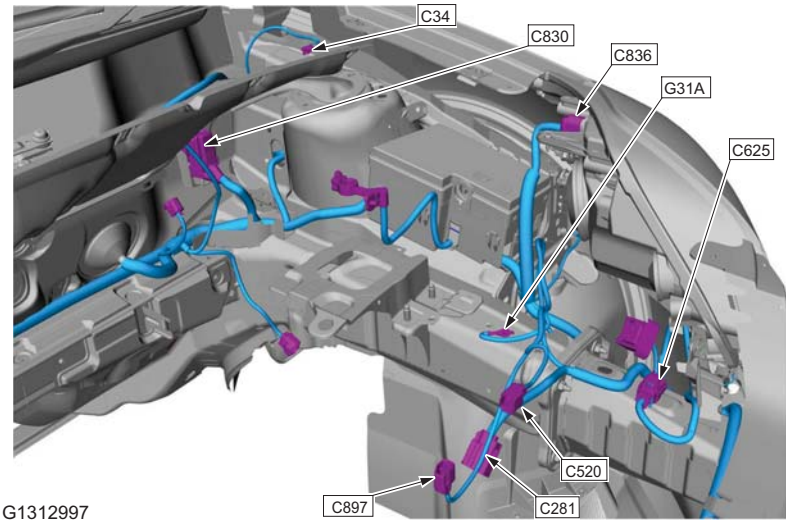
## COMPONENT LOCATION

# Engine Compartment Left-Hand View - 2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD



## COMPONENT LOCATION

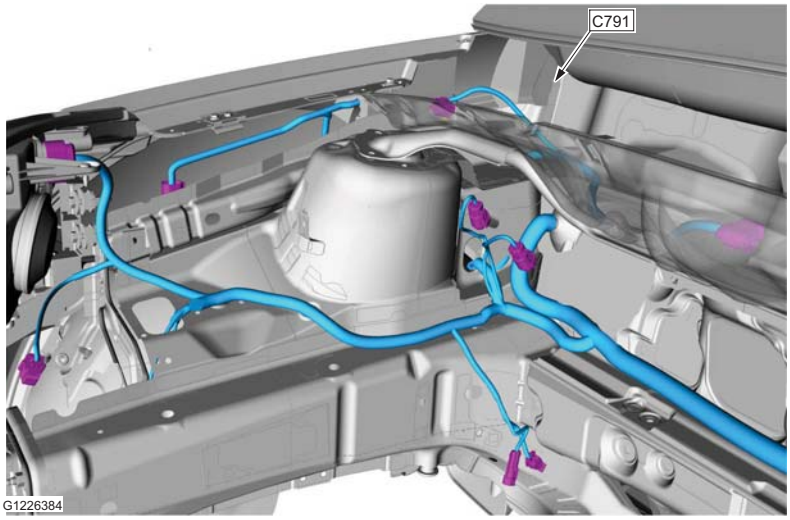
# Engine Compartment Left-Hand View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, RHD 4WD/RHD FWD, Emission Requirements: Stage V




G1312997

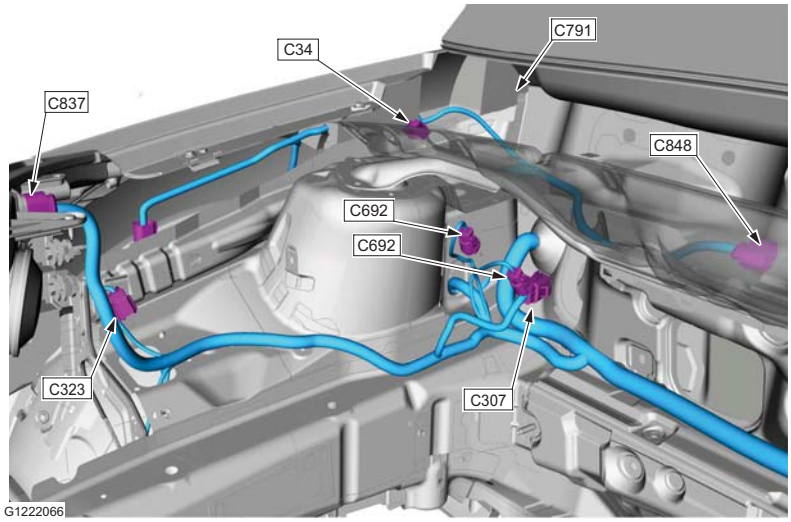
## COMPONENT LOCATION

# Engine Compartment Right-Hand View - 2.5L Duratec (147kW/200PS) - VI5, LHD 4WD



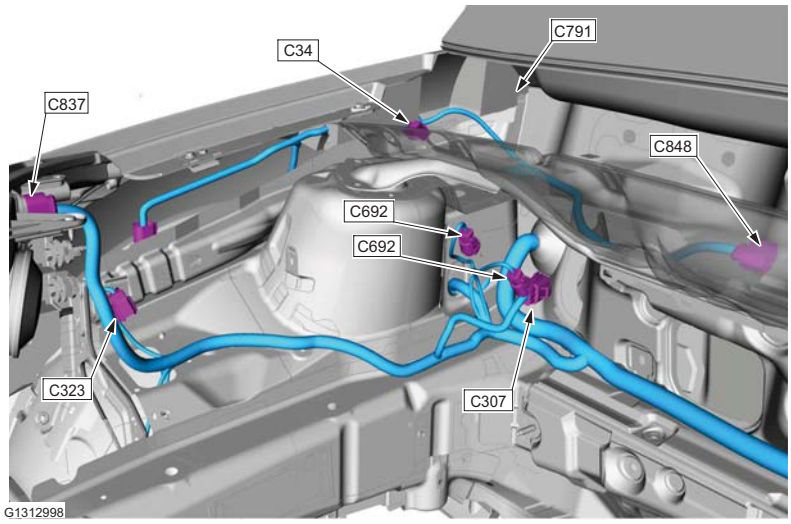
## COMPONENT LOCATION

# Engine Compartment Right-Hand View - 2.0L Duratorq-TDCi (100kW/136PS) - DW, LHD 4WD/LHD FWD



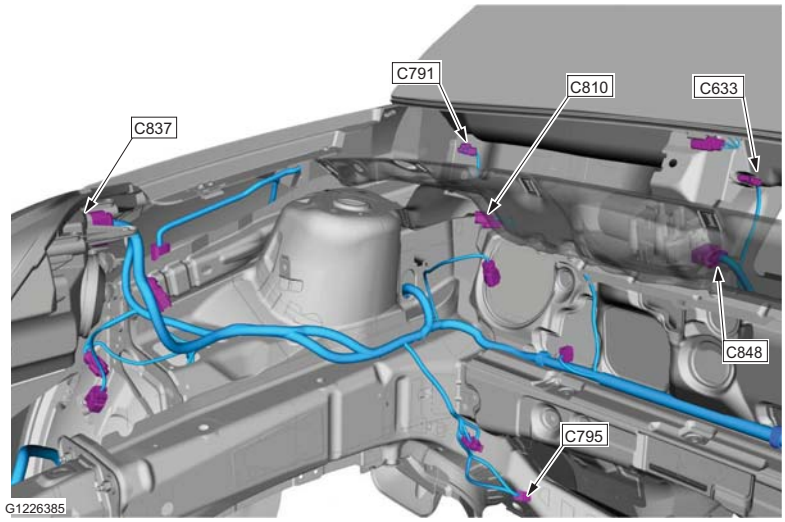
## COMPONENT LOCATION

# Engine Compartment Right-Hand View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V



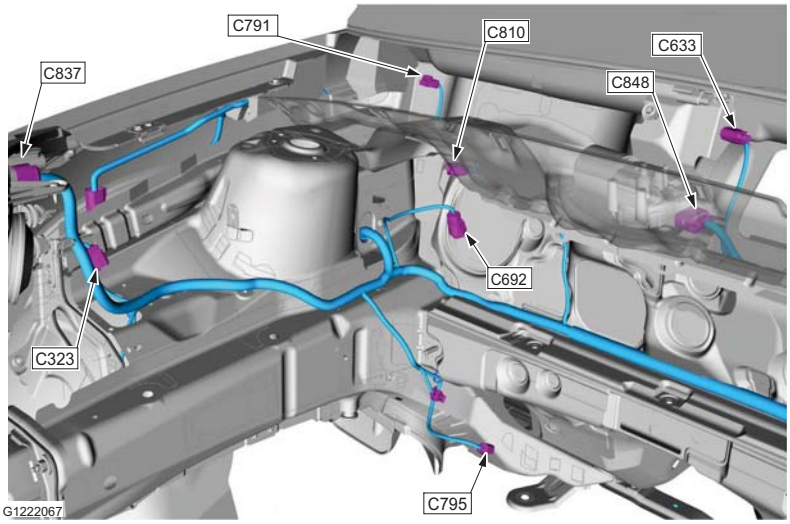
## COMPONENT LOCATION

# Engine Compartment Right-Hand View - 2.5L Duratec (147kW/200PS) - VI5, RHD 4WD



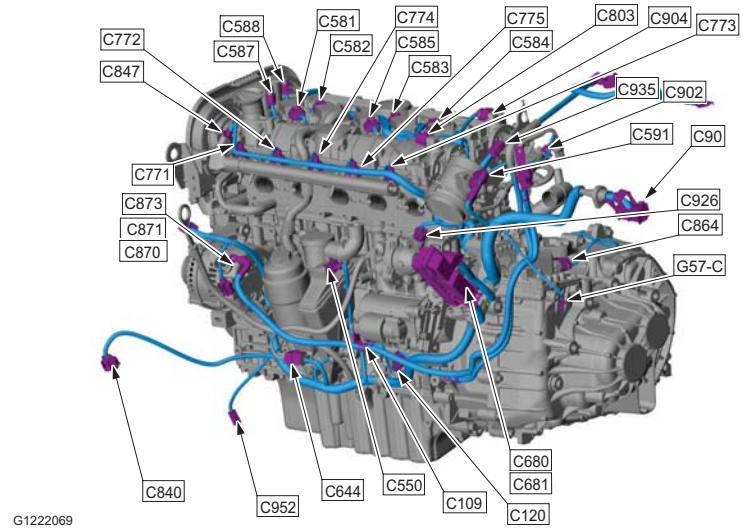
## COMPONENT LOCATION

# Engine Compartment Right-Hand View - 2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD



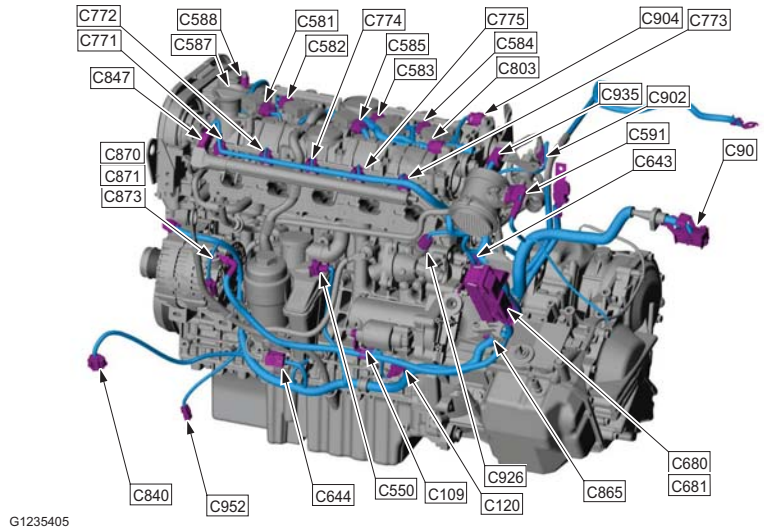
## COMPONENT LOCATION

# Engine Front View - 2.5L Duratec (147kW/200PS) - VI5, Vehicles With: 6-Speed Manual Transaxle - M66 AWD



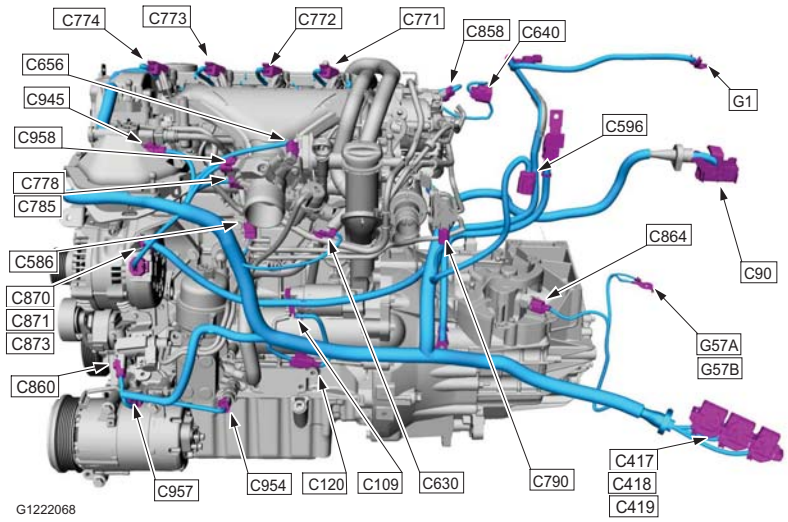
## COMPONENT LOCATION

# Engine Front View - 2.5L Duratec (147kW/200PS) - VI5, Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD



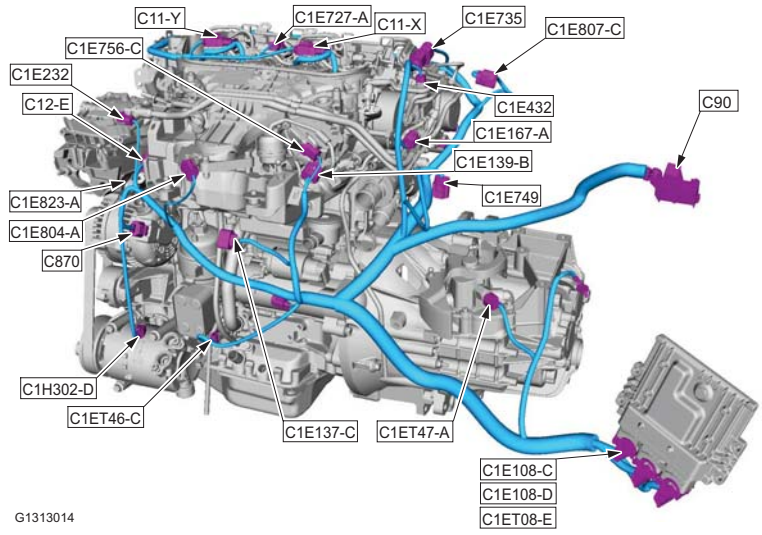
## COMPONENT LOCATION

# Engine Front View - 2.0L Duratorq-TDCi (100kW/136PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6



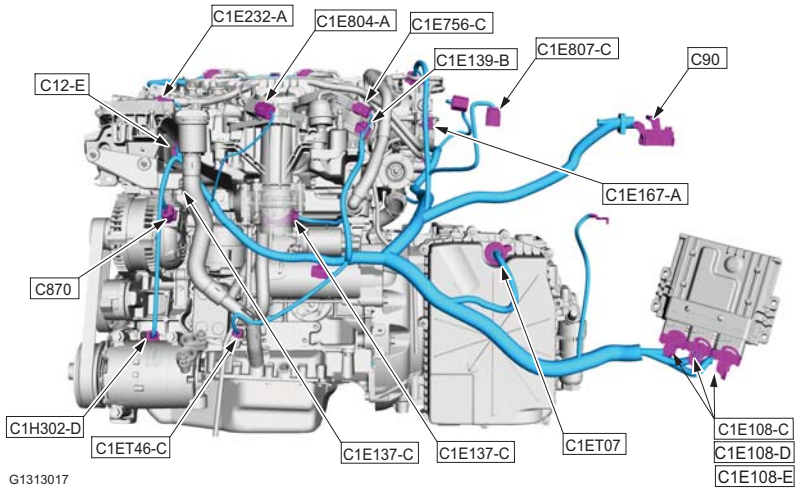
## COMPONENT LOCATION

# Engine Front View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6, Emission Requirements: Stage V



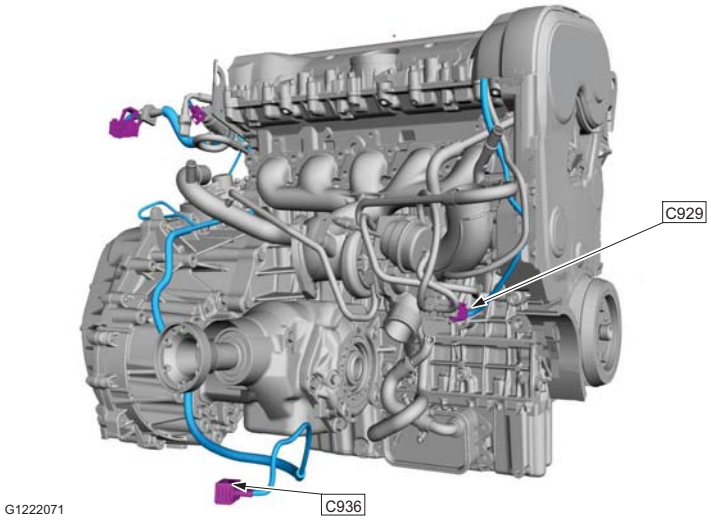
## COMPONENT LOCATION

# Engine Front View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Automatic Transaxle - 6DCT450, Emission Requirements: Stage V AWD



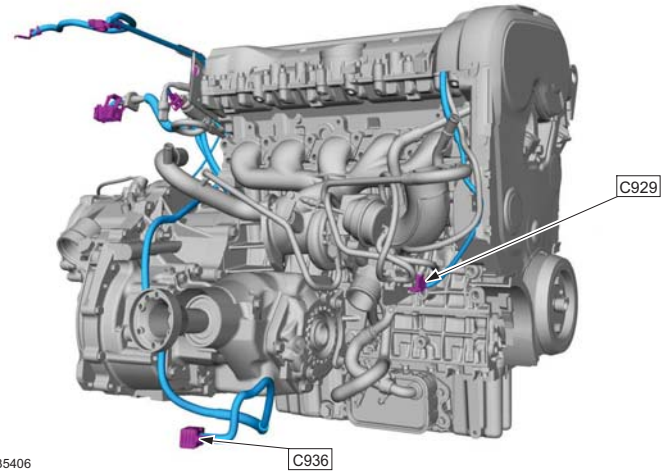
## COMPONENT LOCATION

# Engine Rear View - 2.5L Duratec (147kW/200PS) - VI5, Vehicles With: 6-Speed Manual Transaxle - M66 AWD



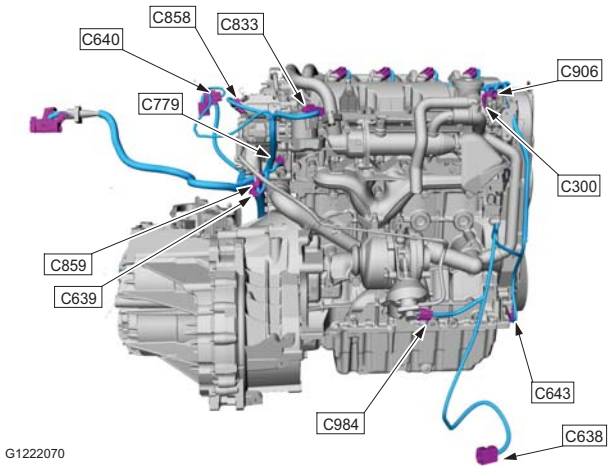
## COMPONENT LOCATION

# Engine Rear View - 2.5L Duratec (147kW/200PS) - VI5, Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD



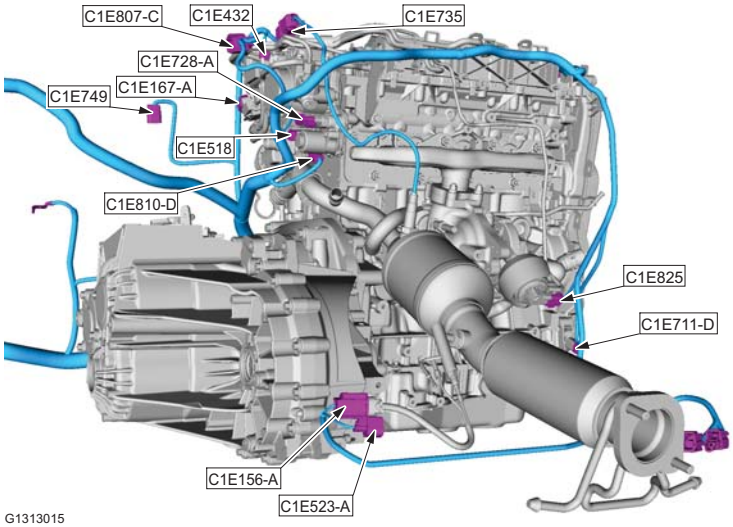
## COMPONENT LOCATION

# Engine Rear View - 2.0L Duratorq-TDCi (100kW/136PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6



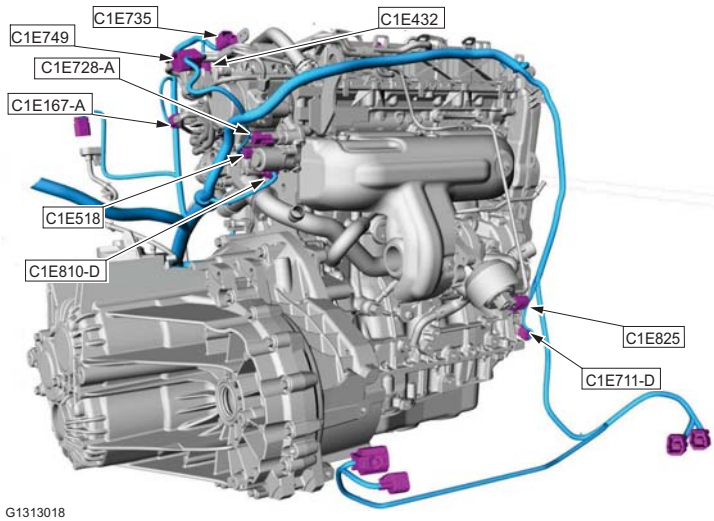
## COMPONENT LOCATION

# Engine Rear View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6, Emission Requirements: Stage V



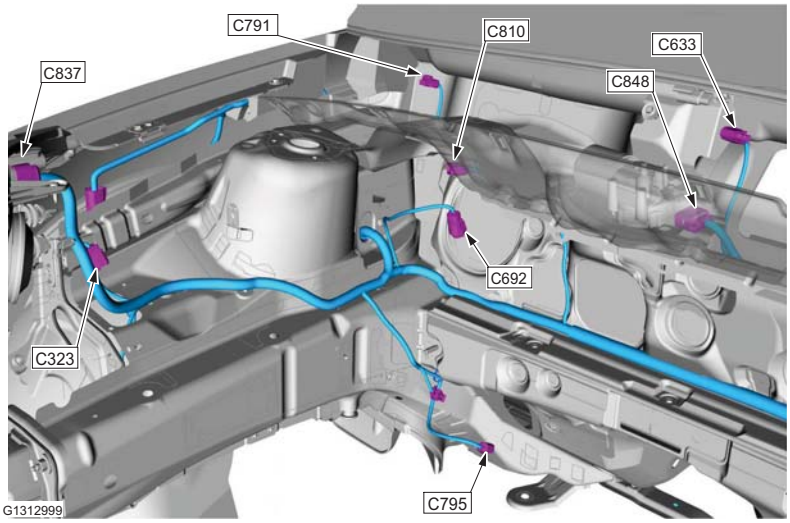
## COMPONENT LOCATION

# Engine Rear View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Automatic Transaxle - 6DCT450, Emission Requirements: Stage V AWD



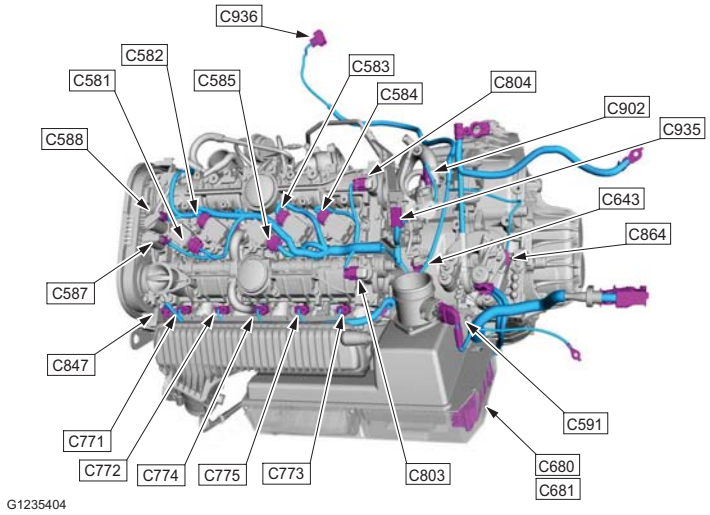
## COMPONENT LOCATION

# Engine Compartment Right-Hand View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, RHD 4WD/RHD FWD, Emission Requirements: Stage V



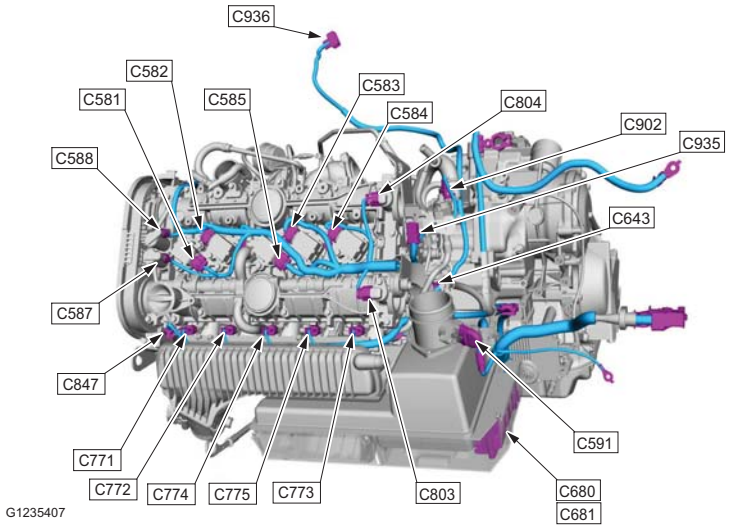
## COMPONENT LOCATION

# Engine Upper View - 2.5L Duratec (147kW/200PS) - VI5, Vehicles With: 6-Speed Manual Transaxle - M66 AWD



## COMPONENT LOCATION

# Engine Upper View - 2.5L Duratec (147kW/200PS) - VI5, Vehicles With: 5-Speed Automatic Transaxle - AW55 AWD



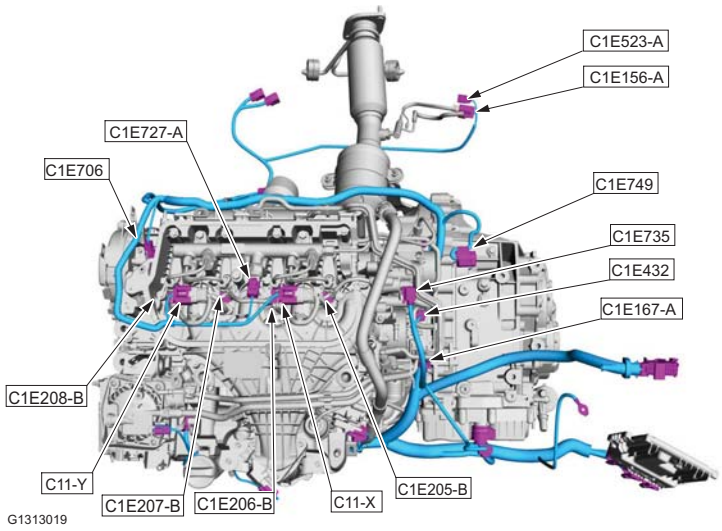
## COMPONENT LOCATION

# Engine Upper View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Manual Transaxle - MMT6, Emission Requirements: Stage V



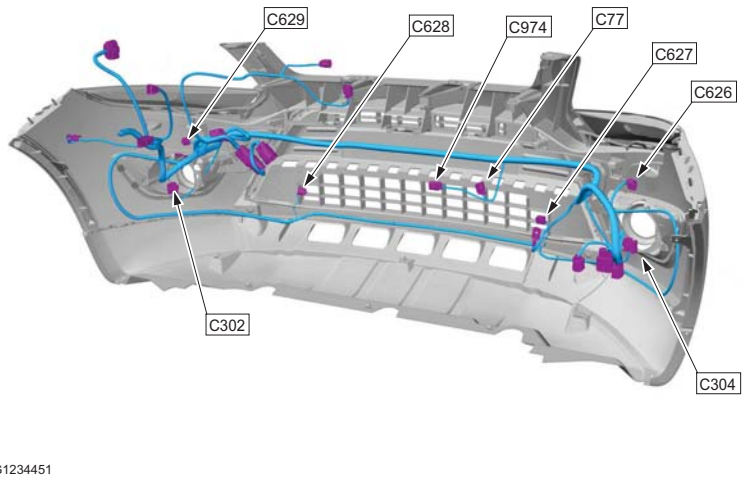
## COMPONENT LOCATION

# Engine Upper View - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, Vehicles With: 6-Speed Automatic Transaxle - 6DCT450, Emission Requirements: Stage V AWD



## COMPONENT LOCATION

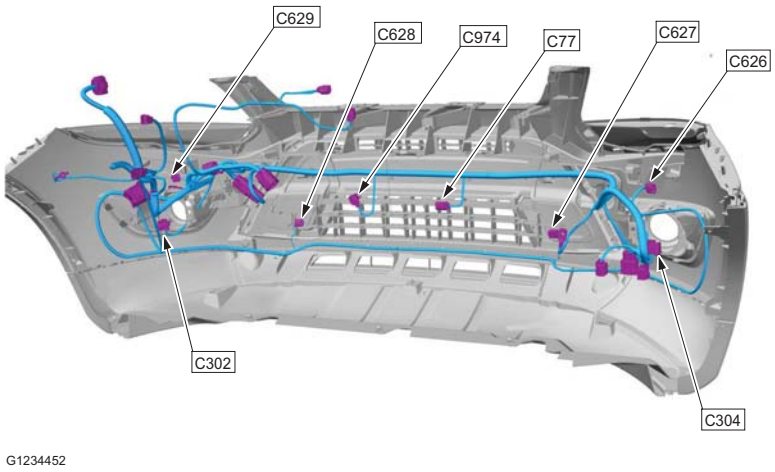
# Front Bumper - 2.5L Duratec (147kW/200PS) - VI5, LHD 4WD




G1234451

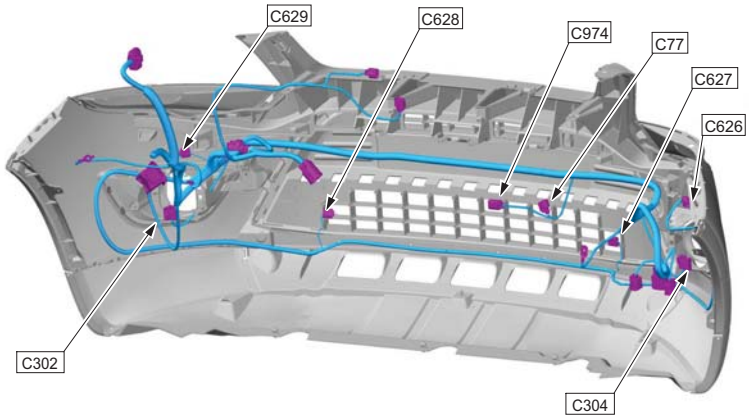
## COMPONENT LOCATION

# Front Bumper - 2.5L Duratec (147kW/200PS) - VI5, RHD 4WD



## COMPONENT LOCATION

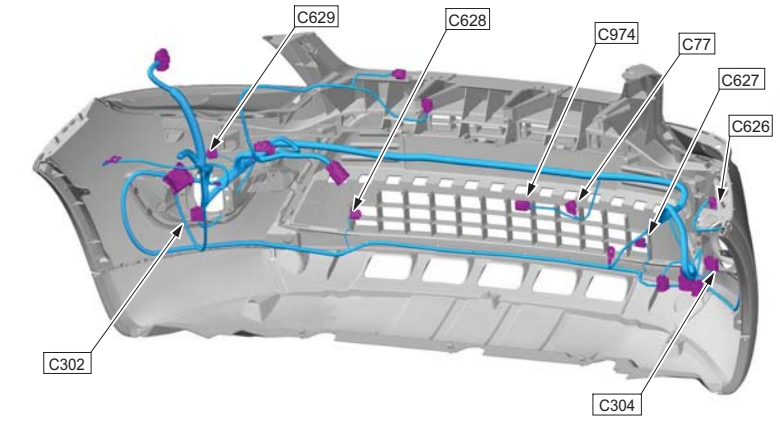
# Front Bumper - 2.0L Duratorq-TDCi (100kW/136PS) - DW, LHD 4WD/LHD FWD




G1234450

## COMPONENT LOCATION

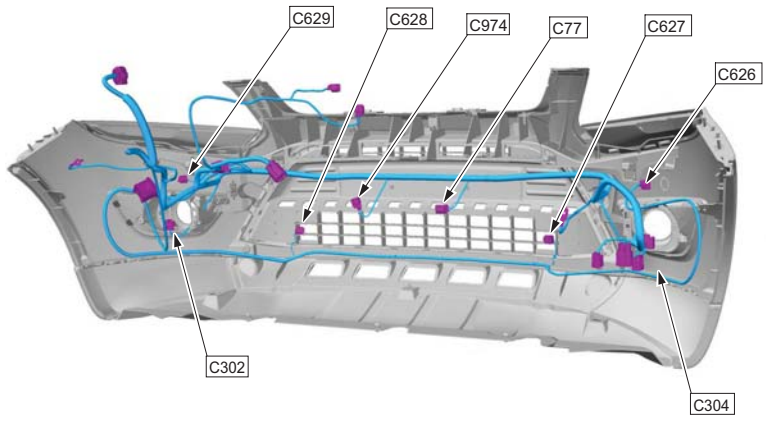
# Front Bumper - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, LHD 4WD/LHD FWD, Emission Requirements: Stage V




G1313003

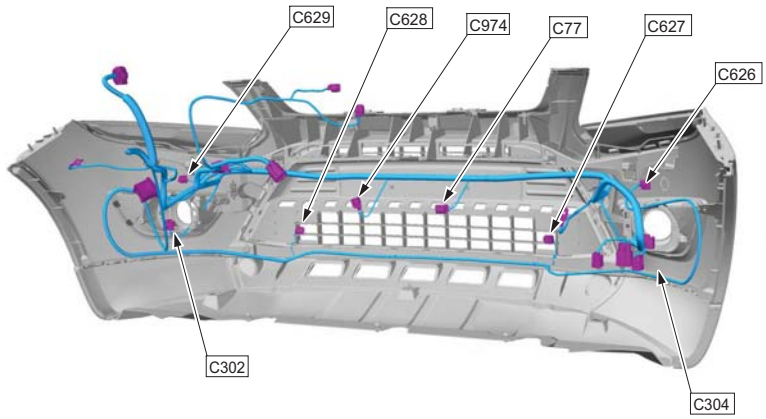
## COMPONENT LOCATION

# Front Bumper - 2.0L Duratorq-TDCi (100kW/136PS) - DW, RHD 4WD/RHD FWD



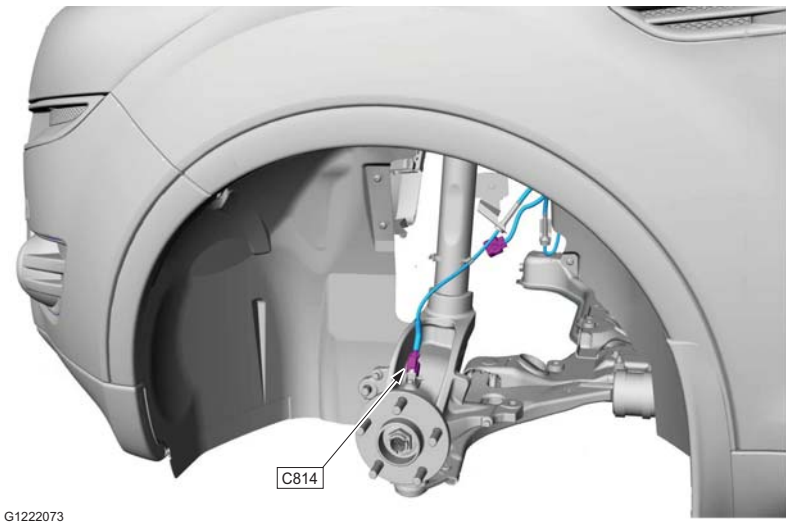
## COMPONENT LOCATION

# Front Bumper - 2.0L Duratorq-TDCi (100kW/136PS) - DW/2.0L Duratorq-TDCi (103kW/140PS) - DW/2.0L Duratorq-TDCi (120kW/163PS) - DW, RHD 4WD/RHD FWD, Emission Requirements: Stage V



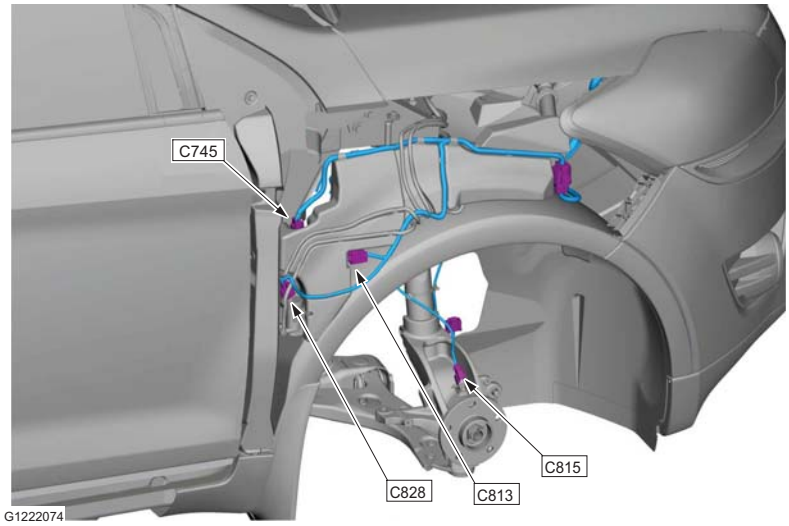
## COMPONENT LOCATION

# Front Fender LH



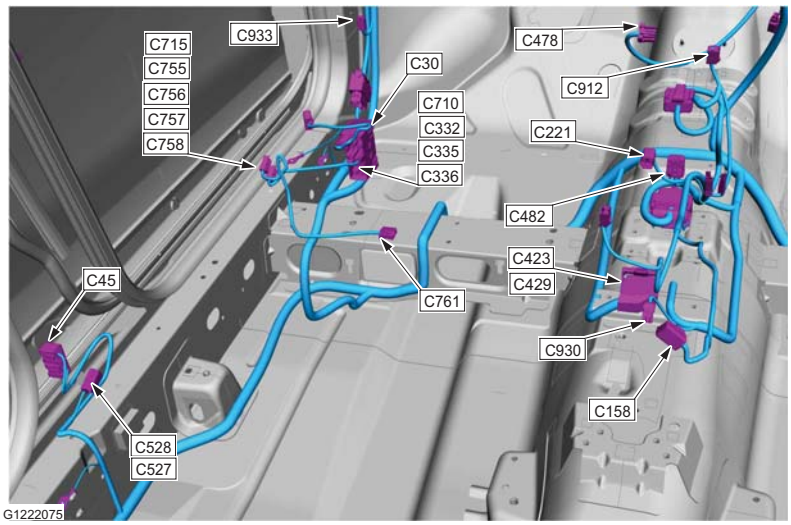
## COMPONENT LOCATION

# Front Fender RH



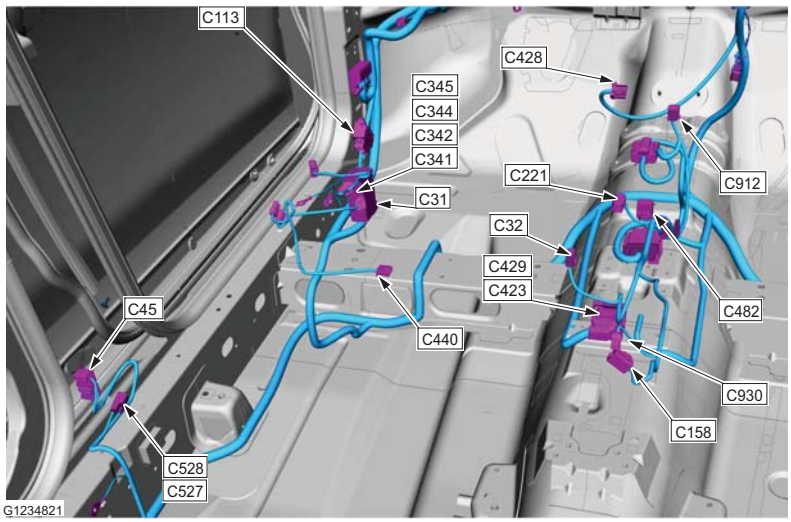
## COMPONENT LOCATION

# Front Floor Left-Hand View - LHD 4WD/LHD FWD



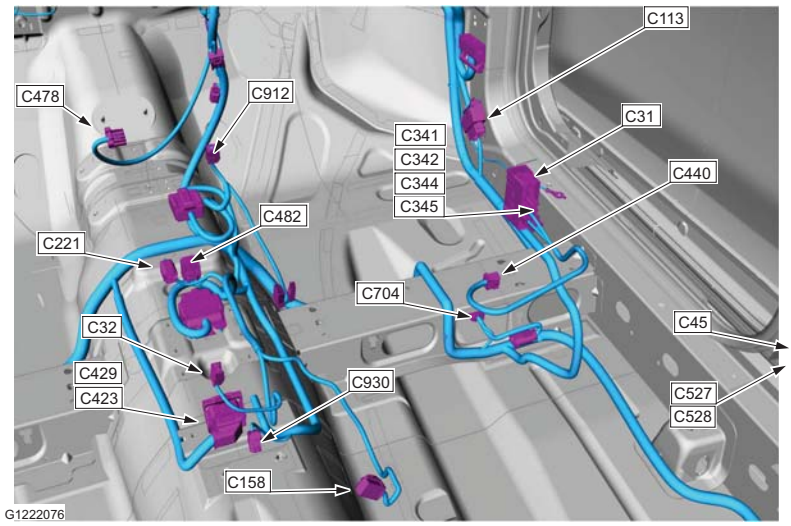
## COMPONENT LOCATION

# Front Floor Left-Hand View - RHD 4WD/RHD FWD



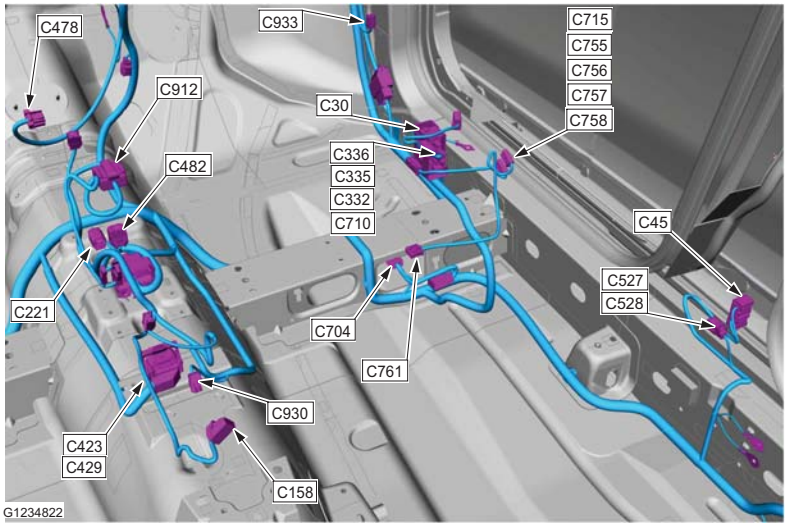
## COMPONENT LOCATION

# Front Floor Right-Hand View - LHD 4WD/LHD FWD



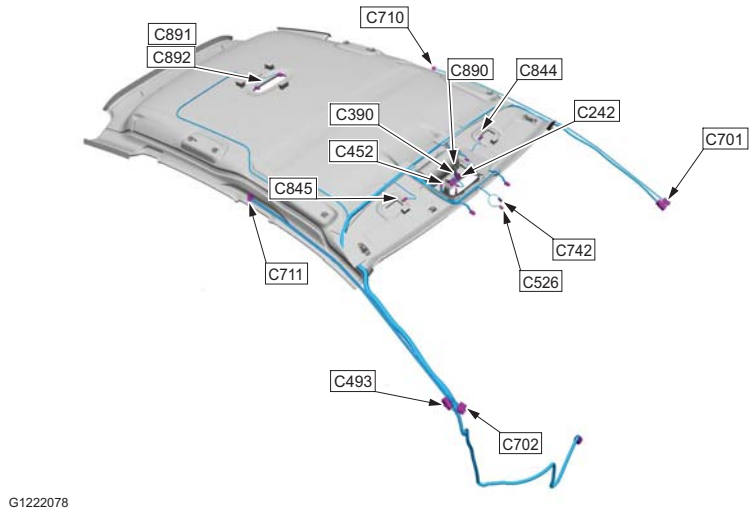
## COMPONENT LOCATION

# Front Floor Right-Hand View - RHD 4WD/RHD FWD



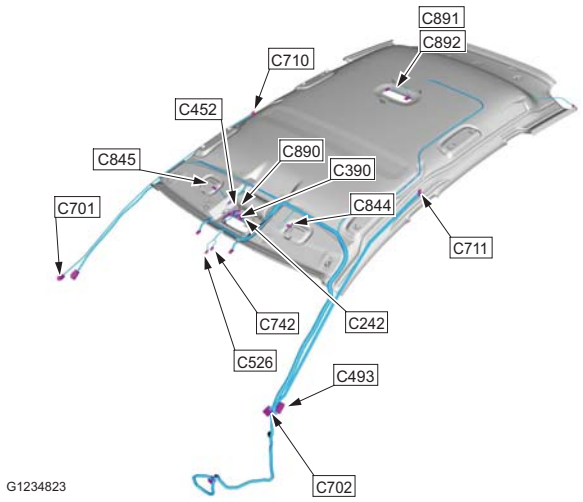
## COMPONENT LOCATION

# Headliner - LHD 4WD/LHD FWD



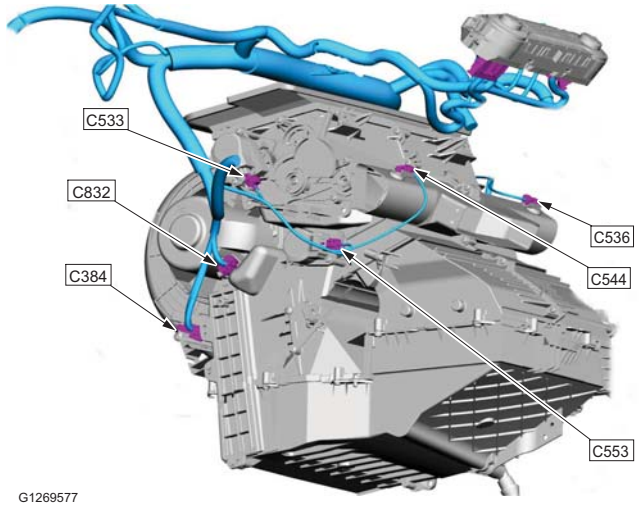
## COMPONENT LOCATION

# Headliner - RHD 4WD/RHD FWD



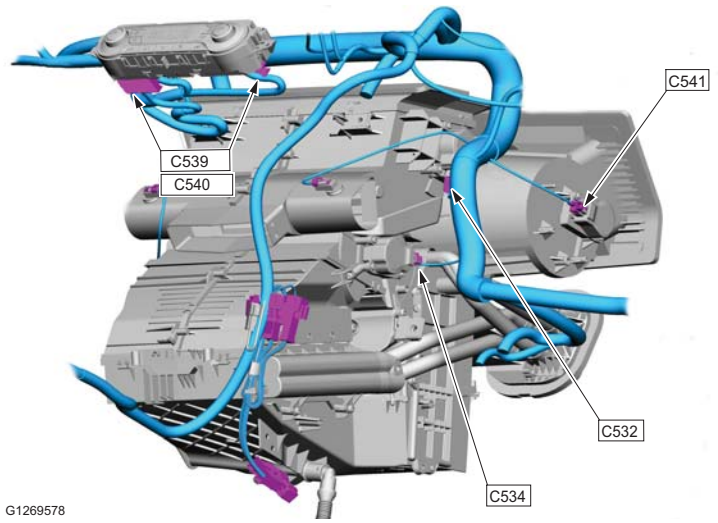
## COMPONENT LOCATION

# Heater Core Housing Left-Hand View - LHD 4WD/LHD FWD, Vehicles With: Air Conditioning/Automatic Temperature Control



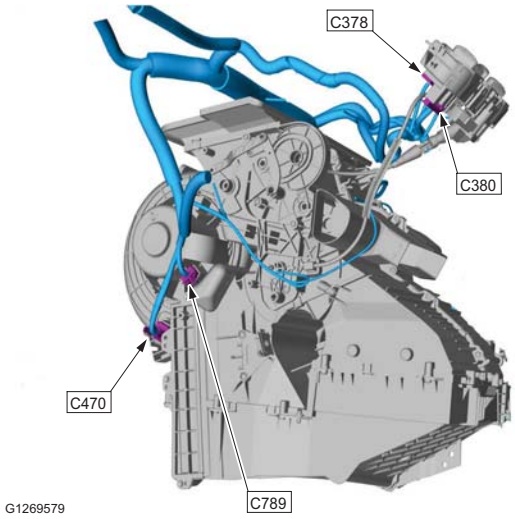
## COMPONENT LOCATION

# Heater Core Housing Right-Hand View - LHD 4WD/LHD FWD, Vehicles With: Air Conditioning/Automatic Temperature Control



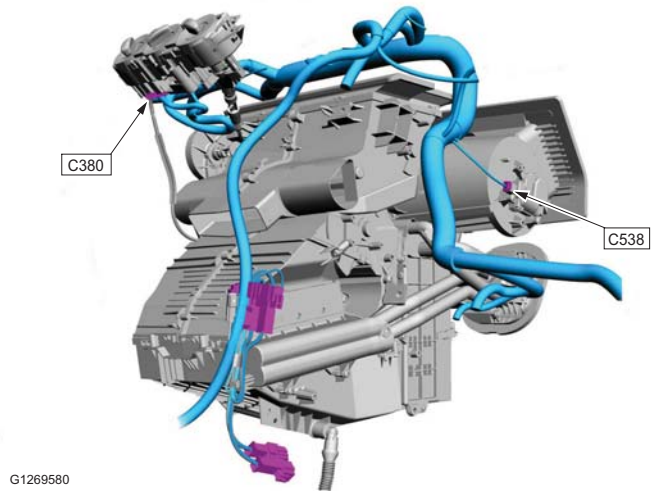
## COMPONENT LOCATION

# Heater Core Housing Left-Hand View - LHD 4WD/LHD FWD, Vehicles With: Air Conditioning/Manual Temperature Control



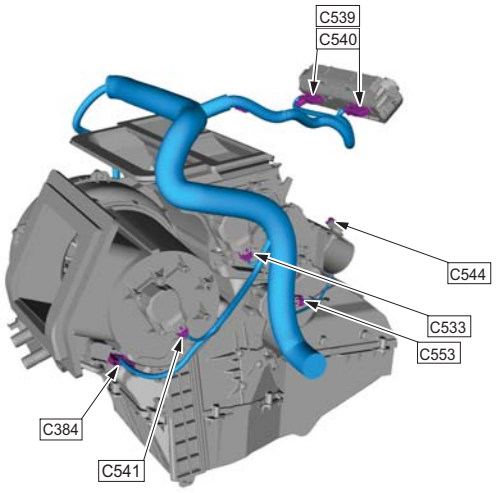
## COMPONENT LOCATION

# Heater Core Housing Right-Hand View - LHD 4WD/LHD FWD, Vehicles With: Air Conditioning/Manual Temperature Control



## COMPONENT LOCATION

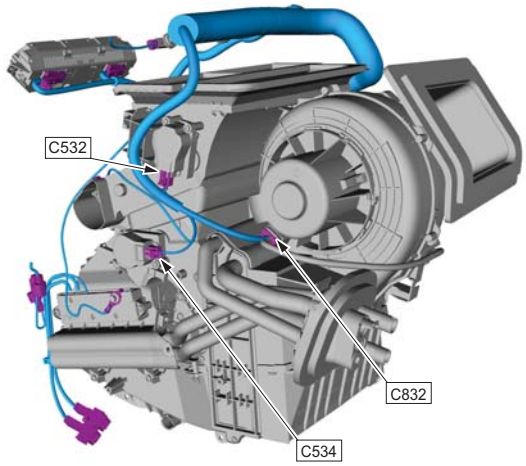
# Heater Core Housing Left-Hand View - RHD 4WD/RHD FWD, Vehicles With: Air Conditioning/Automatic Temperature Control




G1269665

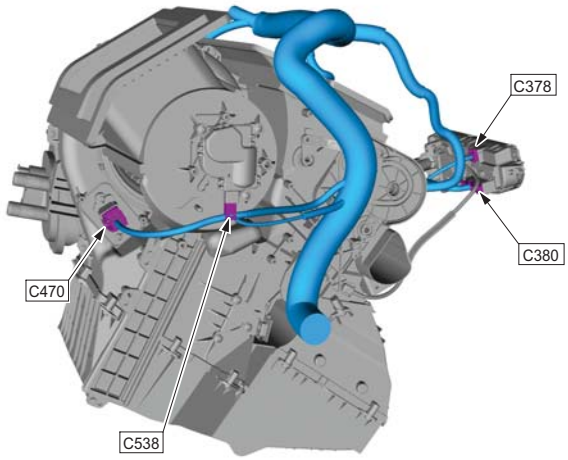
## COMPONENT LOCATION

# Heater Core Housing Right-Hand View - RHD 4WD/RHD FWD, Vehicles With: Air Conditioning/Automatic Temperature Control



## COMPONENT LOCATION

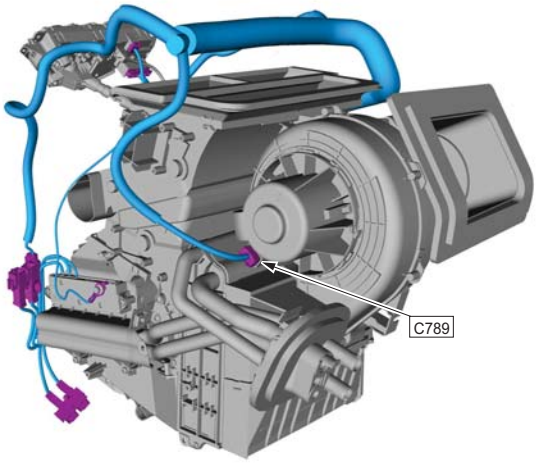
# Heater Core Housing Left-Hand View - RHD 4WD/RHD FWD, Vehicles With: Air Conditioning/Manual Temperature Control




G1269667

## COMPONENT LOCATION

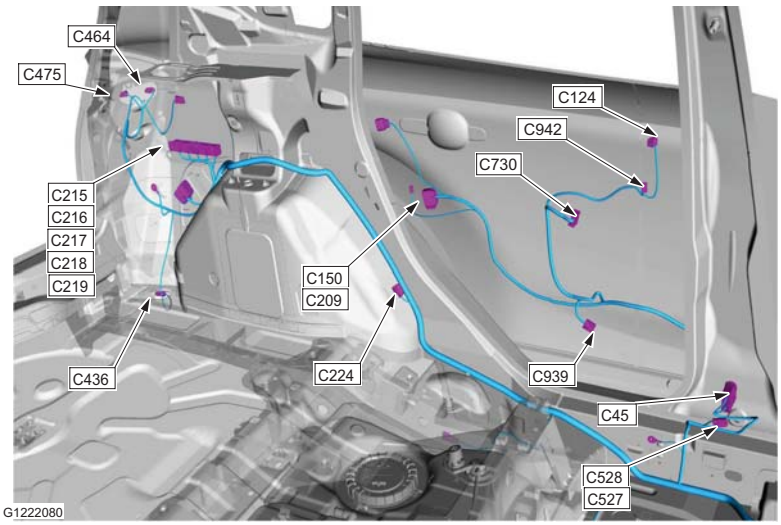
# Heater Core Housing Right-Hand View - RHD 4WD/RHD FWD, Vehicles With: Air Conditioning/Manual Temperature Control




G1269668

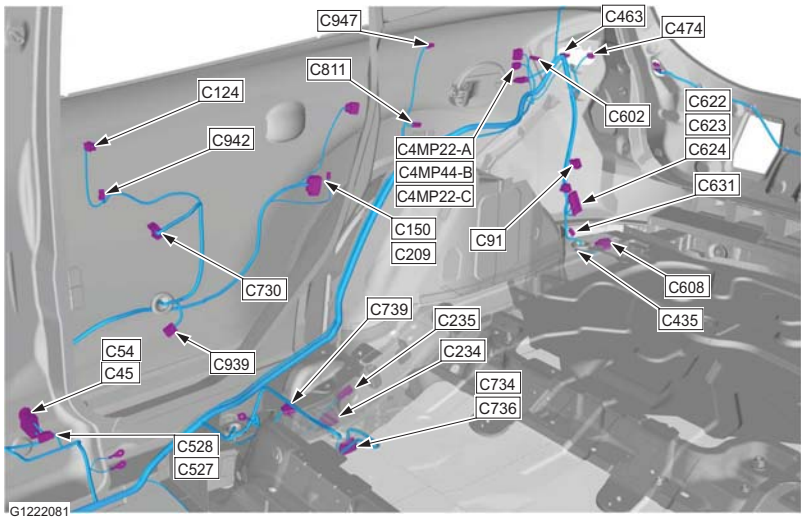
## COMPONENT LOCATION

# Inner Wheelhouse LH



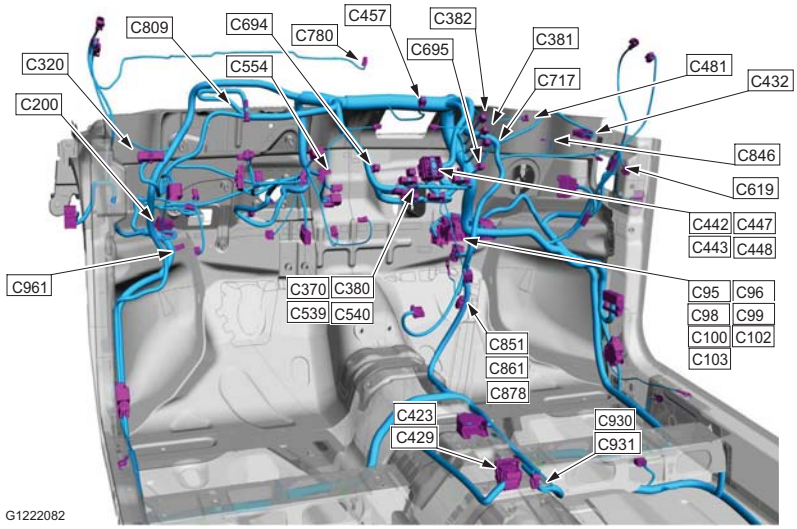
## COMPONENT LOCATION

# Inner Wheelhouse RH



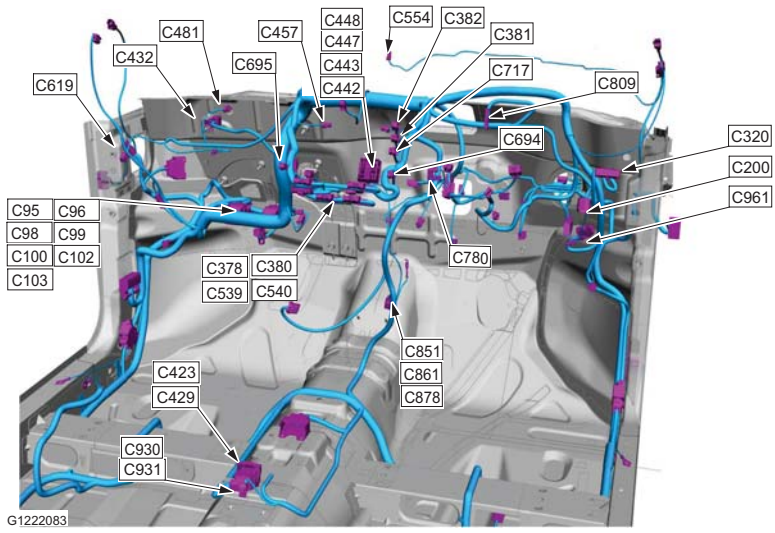
## COMPONENT LOCATION

# Instrument Panel - LHD 4WD/LHD FWD



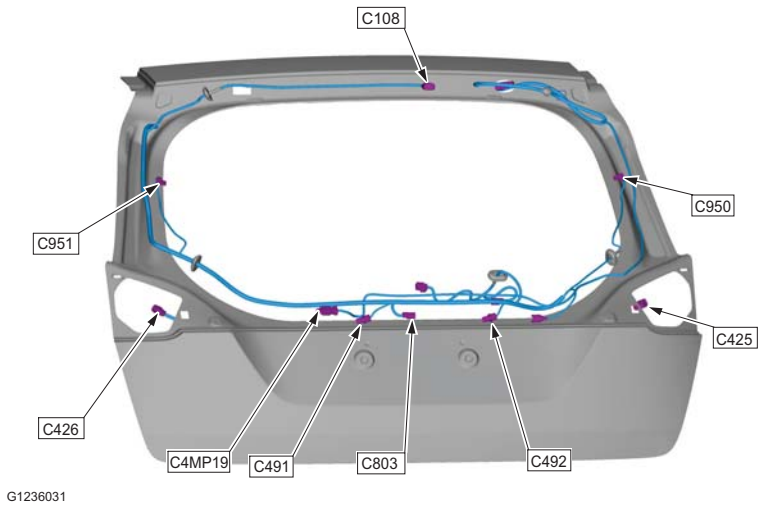
## COMPONENT LOCATION

# Instrument Panel - RHD 4WD/RHD FWD



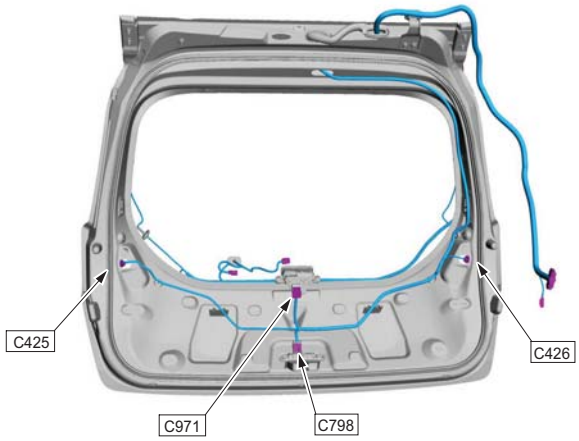
## COMPONENT LOCATION

# Liftgate Exterior View



## COMPONENT LOCATION

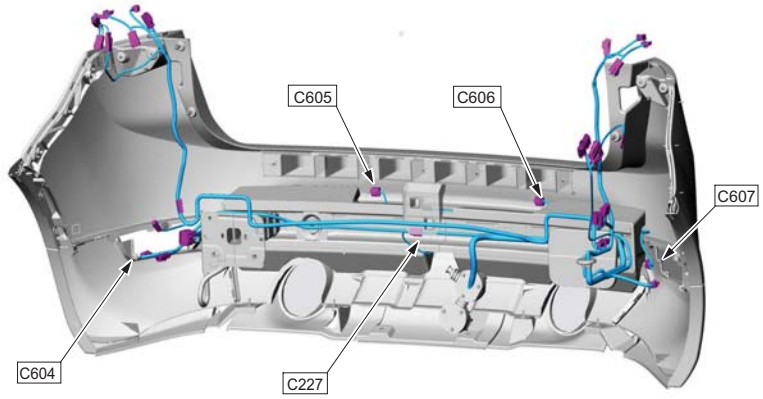
# Liftgate Interior View




G1236032

## COMPONENT LOCATION

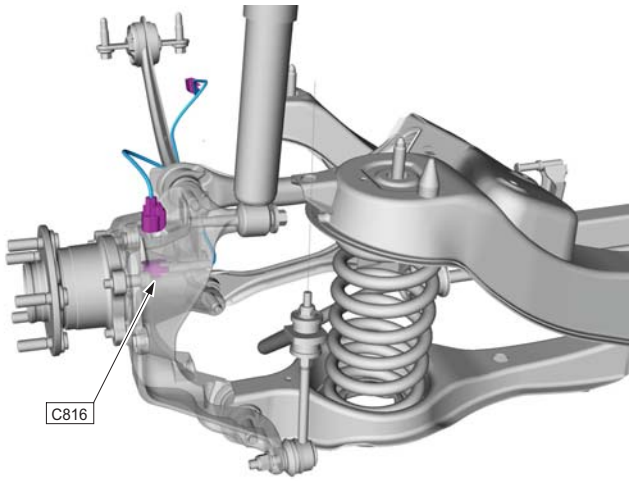
# Rear Bumper




G1222084

## COMPONENT LOCATION

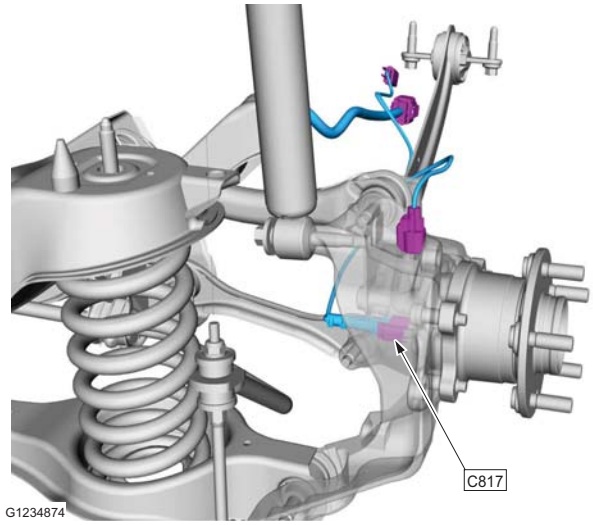
# Rear Suspension LH Outer View




G1234873

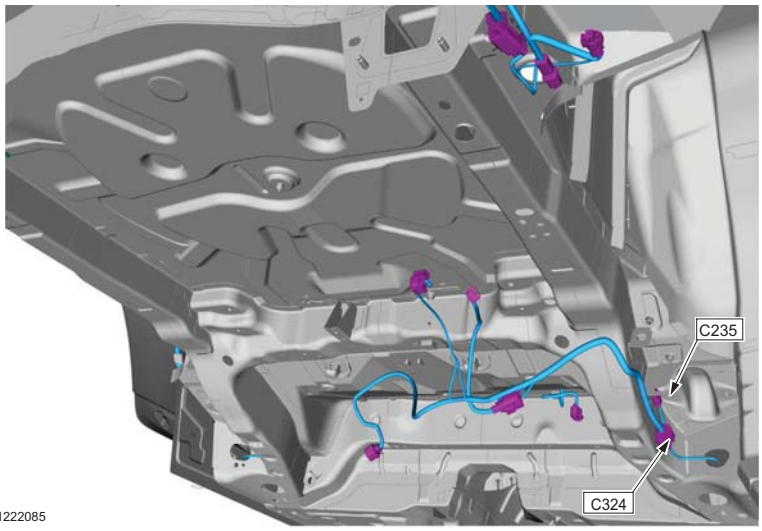
## COMPONENT LOCATION

# Rear Suspension RH Outer View



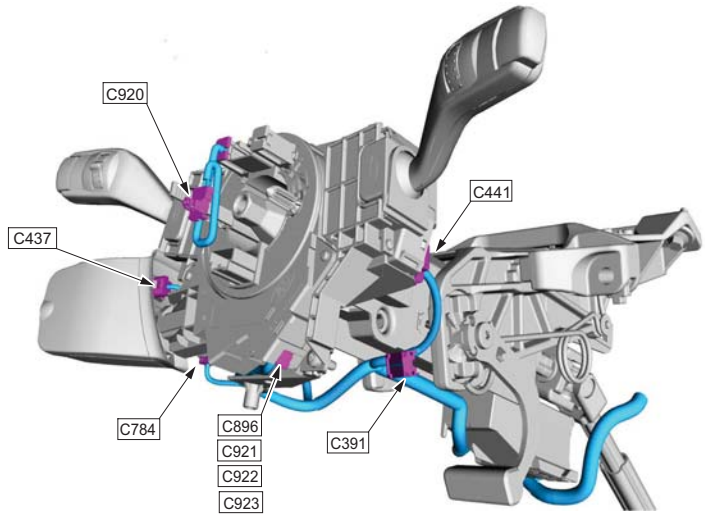
## COMPONENT LOCATION

# Rear Under Floor View



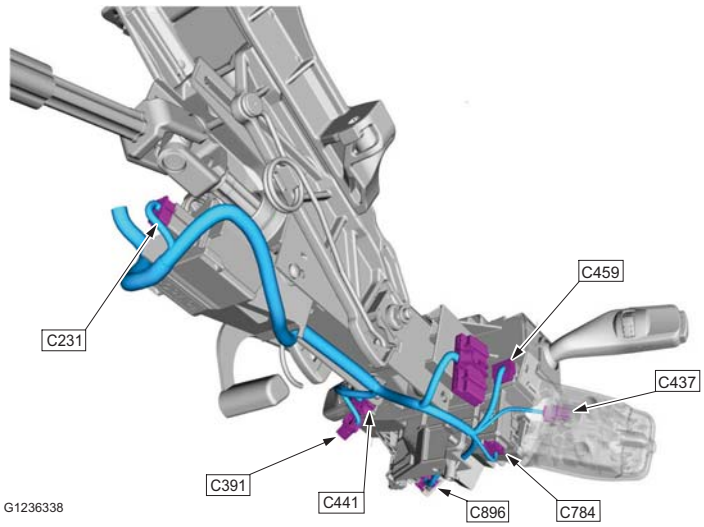
## COMPONENT LOCATION

# Steering Column Switches Front View



## COMPONENT LOCATION

# Steering Column Switches Rear View



# SECTION 700-01 Fuse and Relay Information

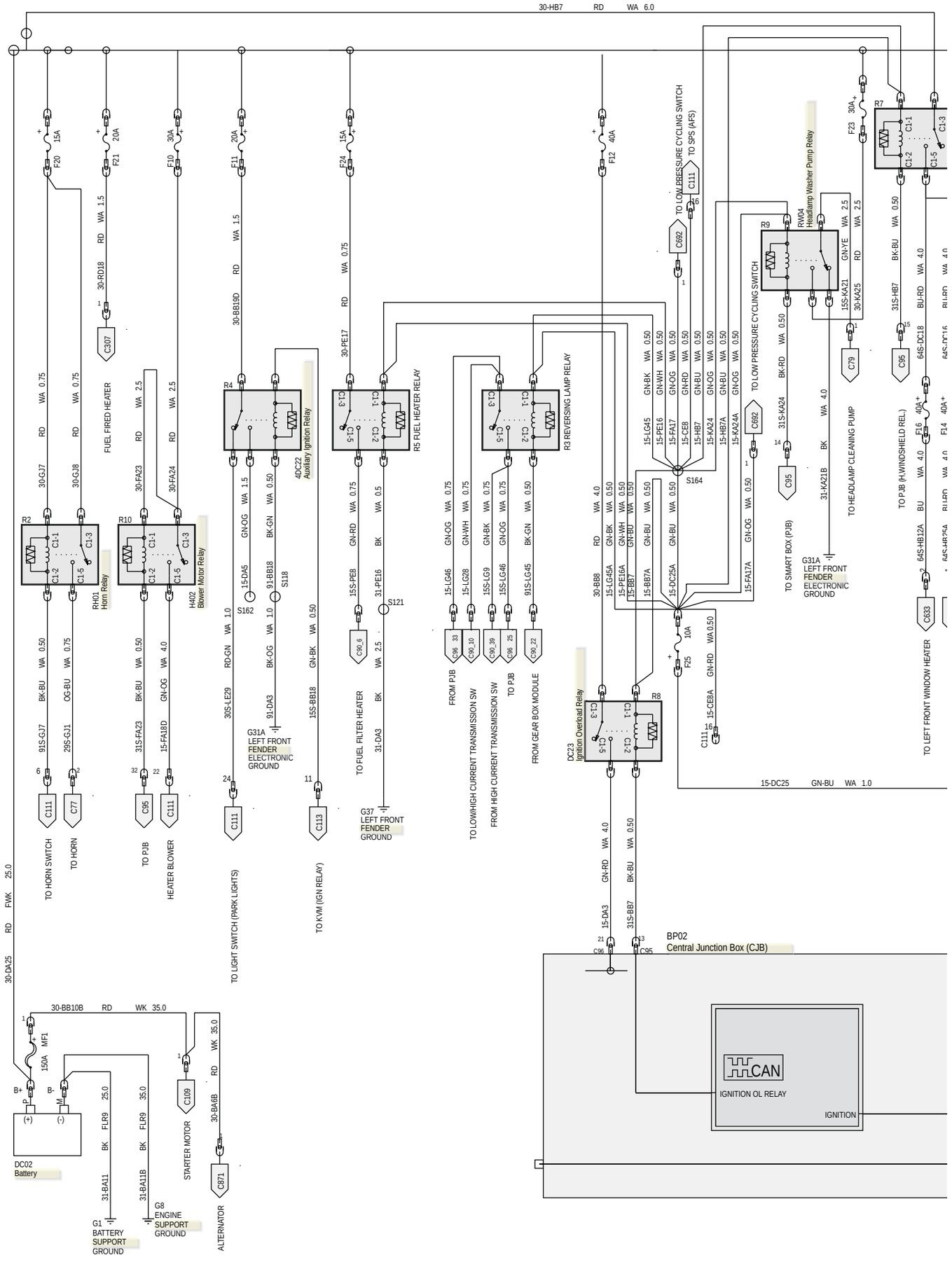
## VEHICLE APPLICATION: 2011.0 Kuga

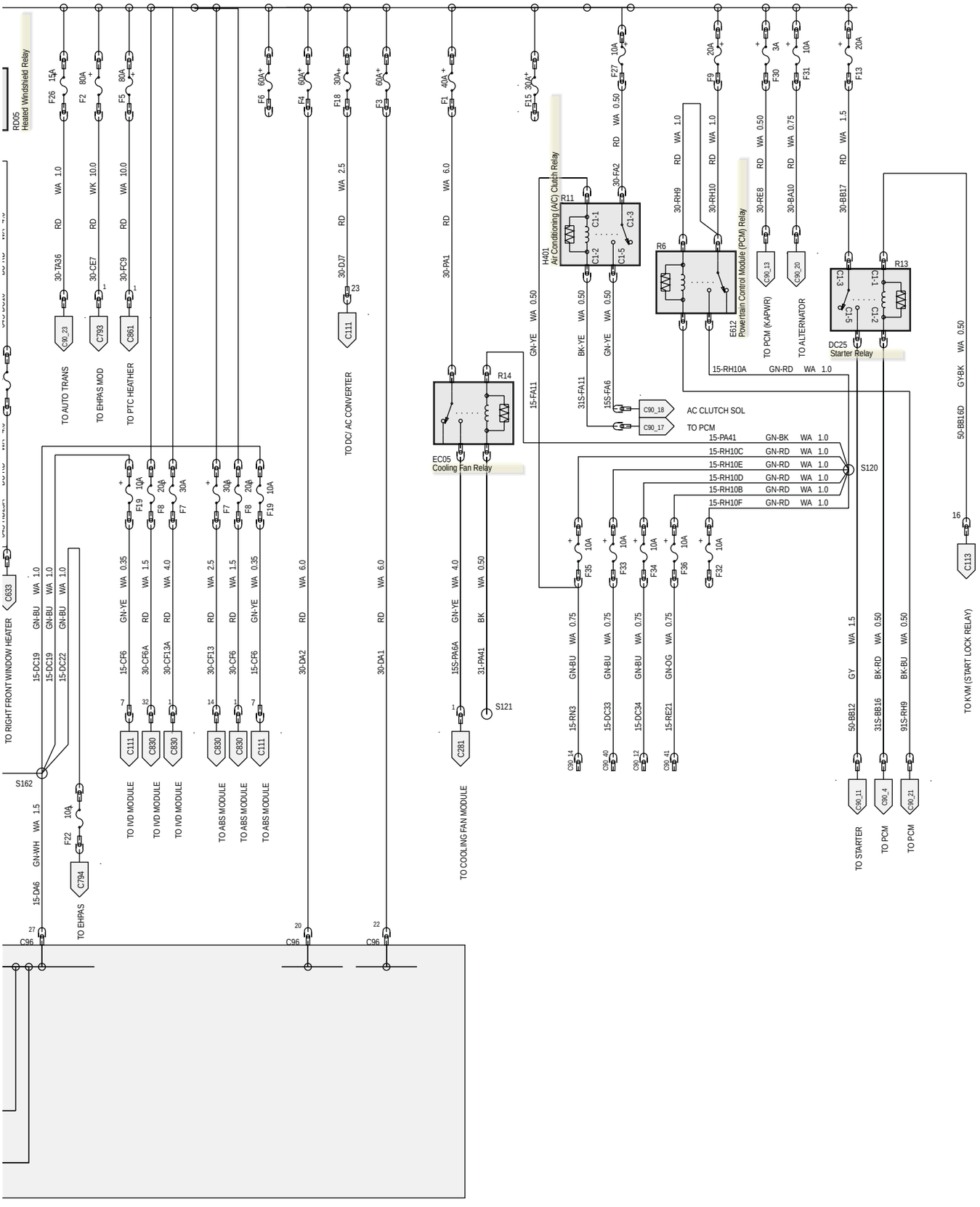
CONTENTS PAGE

### ELECTRICAL SCHEMATICS

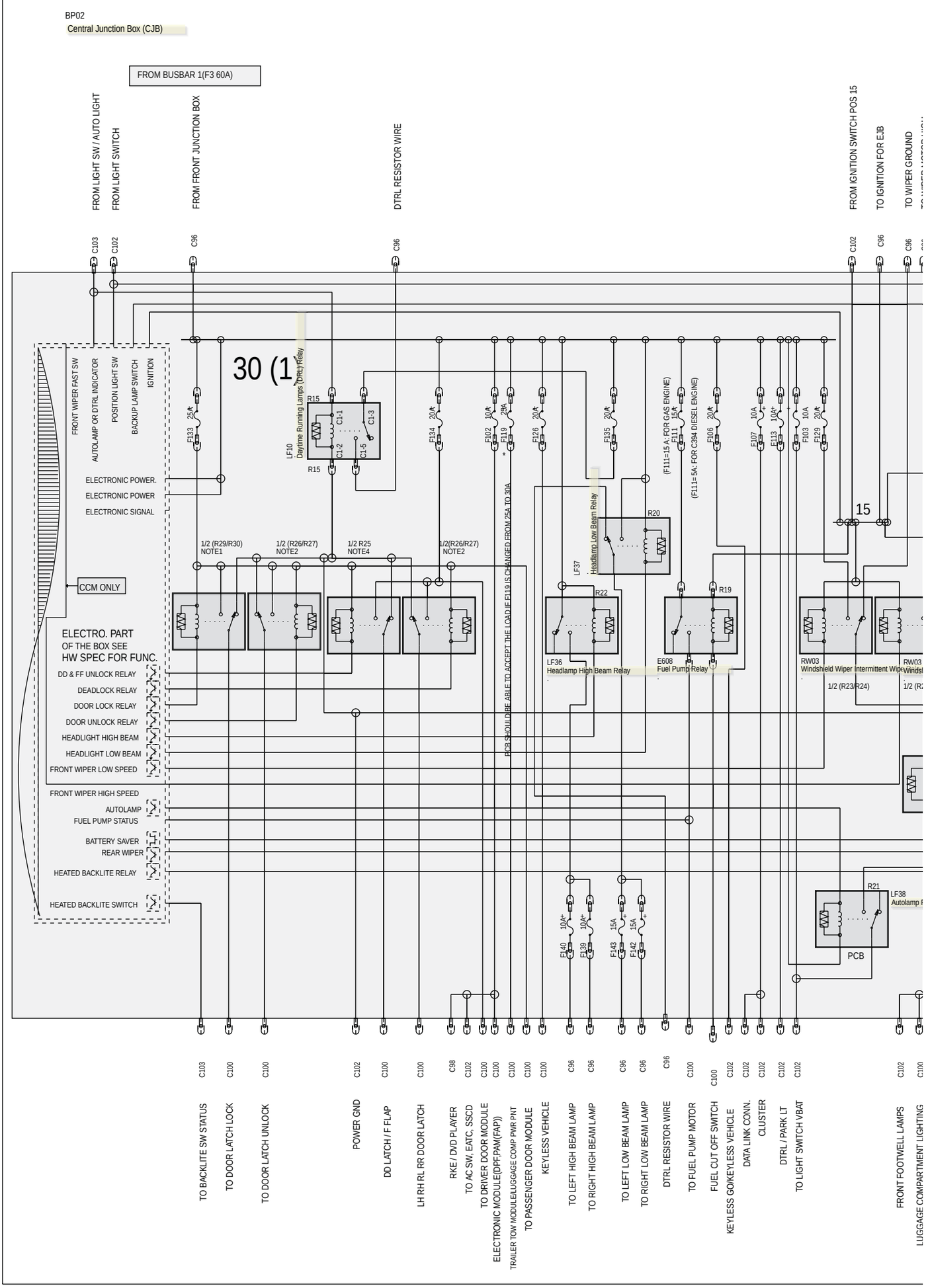
Power Distribution - Battery Junction Box (BJB)..... 700-01-2
Power Distribution - Central Junction Box (CJB)..... 700-01-4

700-01-2 Power Distribution - Battery Junction Box (BJB)

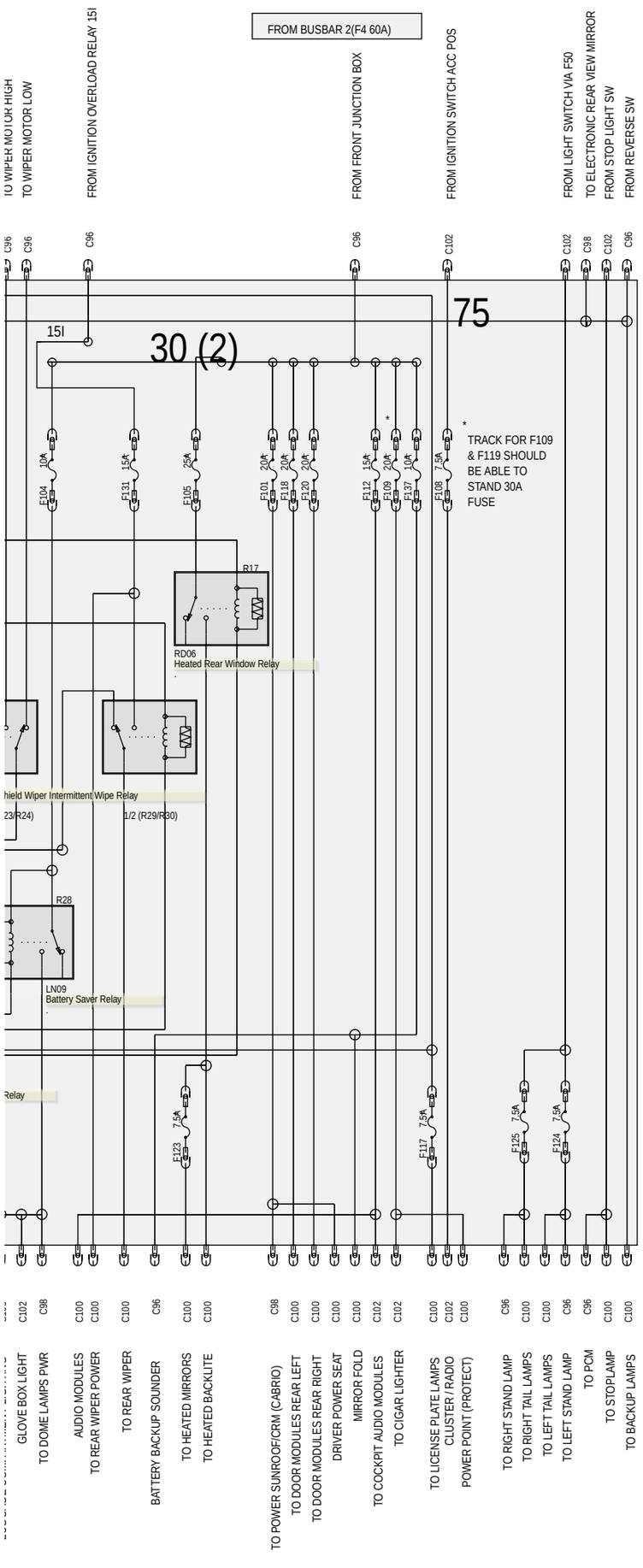



RD05
Heated Windshield Relay
F26 15A
F2 80A
F5 80A
F6 60A+
F4 60A+
F18 30A+
F3 60A+
F1 40A+
F15 30A+
F27 10A
F9 20A
F30 3A
F31 10A
F13 20A
30-TA36
30-CE7
30-FC9
30-DJ7
30-PA1
30-FA2
30-RH9
30-RH10
30-RE8
30-BA10
30-BB17
C590_23
C793
C861
C111
C590_13
C590_20
TO AUTO TRANS
TO EHPAS MOD
TO PTC HEATHER
TO DC/ AC CONVERTER
H401
Air Conditioning (A/C) Clutch Relay
R11
R6
R13
R14
E612
Powertrain Control Module (PCM) Relay
TO PCM (KAPWR)
TO ALTERNATOR
DC25
Starter Relay
15-RH10A GN-RD WA 1.0
AC CLUTCH SOL
TO PCM
EC05
Cooling Fan Relay
15-PA41 GN-BK WA 1.0
15-RH10C GN-RD WA 1.0
15-RH10E GN-RD WA 1.0
15-RH10D GN-RD WA 1.0
15-RH10B GN-RD WA 1.0
15-RH10F GN-RD WA 1.0
S120
S121
S162
C633
TO RIGHT FRONT WINDOW HEATER
F19 10A
F8 20A
F7 30A
F22 10A
C794
TO EHPAS
C830
C281
TO IVD MODULE
TO ABS MODULE
TO COOLING FAN MODULE
F35 10A
F33 10A
F34 10A
F36 10A
F32 10A
C90_14
C90_40
C90_12
C90_41
C90_11
C90_4
C90_21
TO STARTER
TO PCM
TO PCM
C113
TO KVM (START LOCK RELAY)
C96

700-01-4 Power Distribution - Central Junction Box (CJB)



700-01-5 Power Distribution - Central Junction Box (CJB)



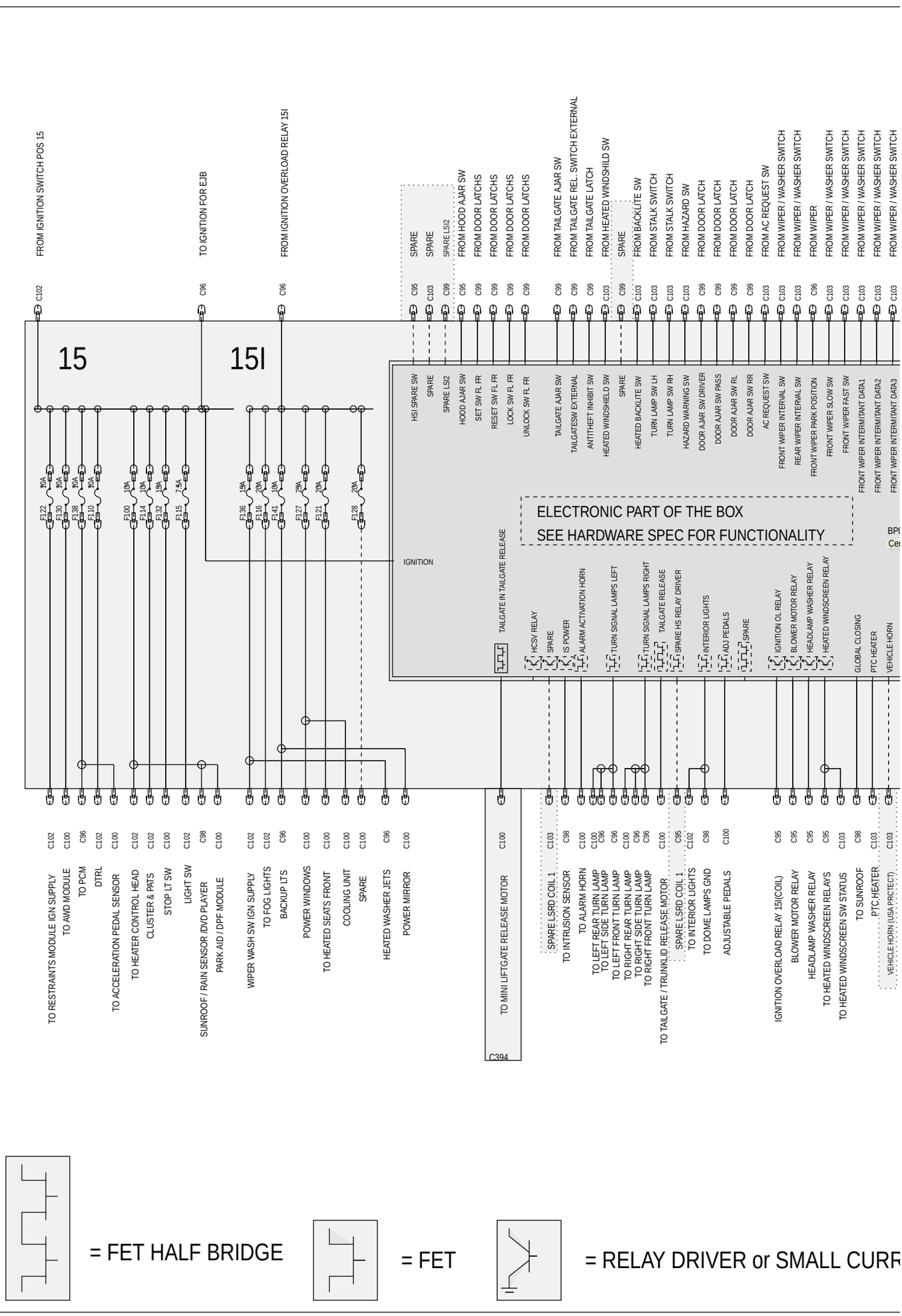

NOTE1: R29 /R30 IS A DOUBLE RELAY
1/2 OF R29 /R30 WILL BE USED FOR CENTRAL LOCK
1/2 OF R29 /R30 WILL BE USED FOR REAR WIPER

NOTE2: R26 /R27 IS A DOUBLE RELAY
1/2 OF R26 /R27 WILL BE USED FOR CENTRAL UNLOCK
1/2 OF R26 /R27 WILL BE USED FOR DEAD LOCK

NOTE3: R23 /R24 IS A DOUBLE RELAY
1/2 OF R23 /R24 WILL BE USED FOR FRONT WIPER LOW SPEED
1/2 OF R23 /R24 WILL BE USED FOR FRONT WIPER HIGH SPEED

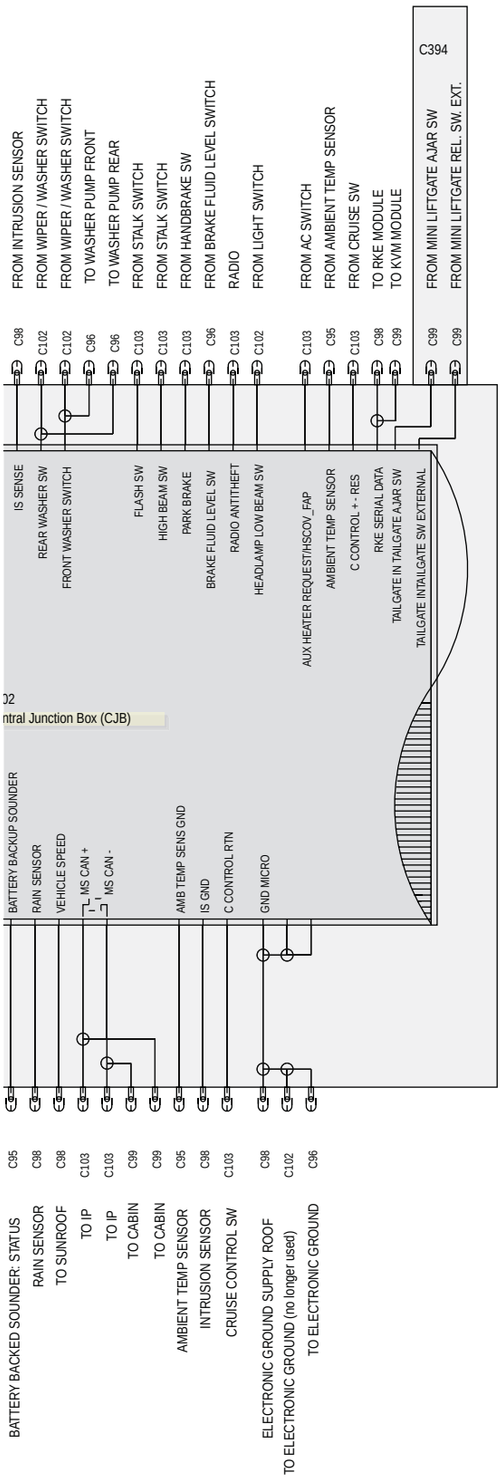
NOTE4: R25 IS A DOUBLE RELAY
1/2 OF R25 WILL BE USED FOR DD & FF UNLOCK
1/2 OF R25 IS NOT USED (SPARE)

700-01-6 Power Distribution - Central Junction Box (CJB)




2011.0 Kuga (G1226099)

700-01-7 Power Distribution - Central Junction Box (CJB)




NOTE: MINI LIFTGATE FEATURE WILL BE ADDED FOR C394 BOXES ONLY

## NOTES

1 WHERE PINS, FUSES AND RELAYS ARE SHOWN AS SPARE OR PROTECTED THESE NEED TO BE POPULATED DURING PROTOTYPE PHASE AND REMOVED FOR PRODUCTION - THE TRACKS IN THE PCB WILL REMAIN FOR FUTURE USE
2 SPARE CAPACITY SHOULD NOT BE TAKEN INTO ACCOUNT FOR COSTING
3 THE PJB NEEDS TO BE TESTED WITH MAXIMUM FUNCTIONALITY

THE DOTTED INPUTS / OUTPUTS ARE POPULATED DURING DEVOLOPMENT PHASE

AND MUST BE DEPOPULATED FOR J#1

## CONNECTOR DETAILS

| | | | | |
|---|---|---|---|---|
| FRONT - 2<br>FRONT - 1 | C95<br>C96 | 32 WAY<br>41 WAY | 3M5T-14489-AR*<br>3M5T-14489-ZR* | GREEN<br>GREEN |
| ROOF - 1 | C98 | 14 WAY | 98AG-14489-TM* | BLACK |
| FLOOR - 2<br>FLOOR - 1 | C99<br>C100 | 32 WAY<br>46 WAY | 3M5T-14489-BP*<br>3M5T-14489-ZV* | BROWN<br>BROWN |
| COCKPIT - 1<br>COCKPIT - 2 | C102<br>C103 | 46 WAY<br>32 WAY | 3M5T-14489-ZX*<br>3M5T-14489-AP* | BLUE<br>BLUE |
| BOX NUMBER | | LOW | 3M5T-14A073-B* | WHITE |

RENT DEVICE

# SECTION 700-02 Power Distribution

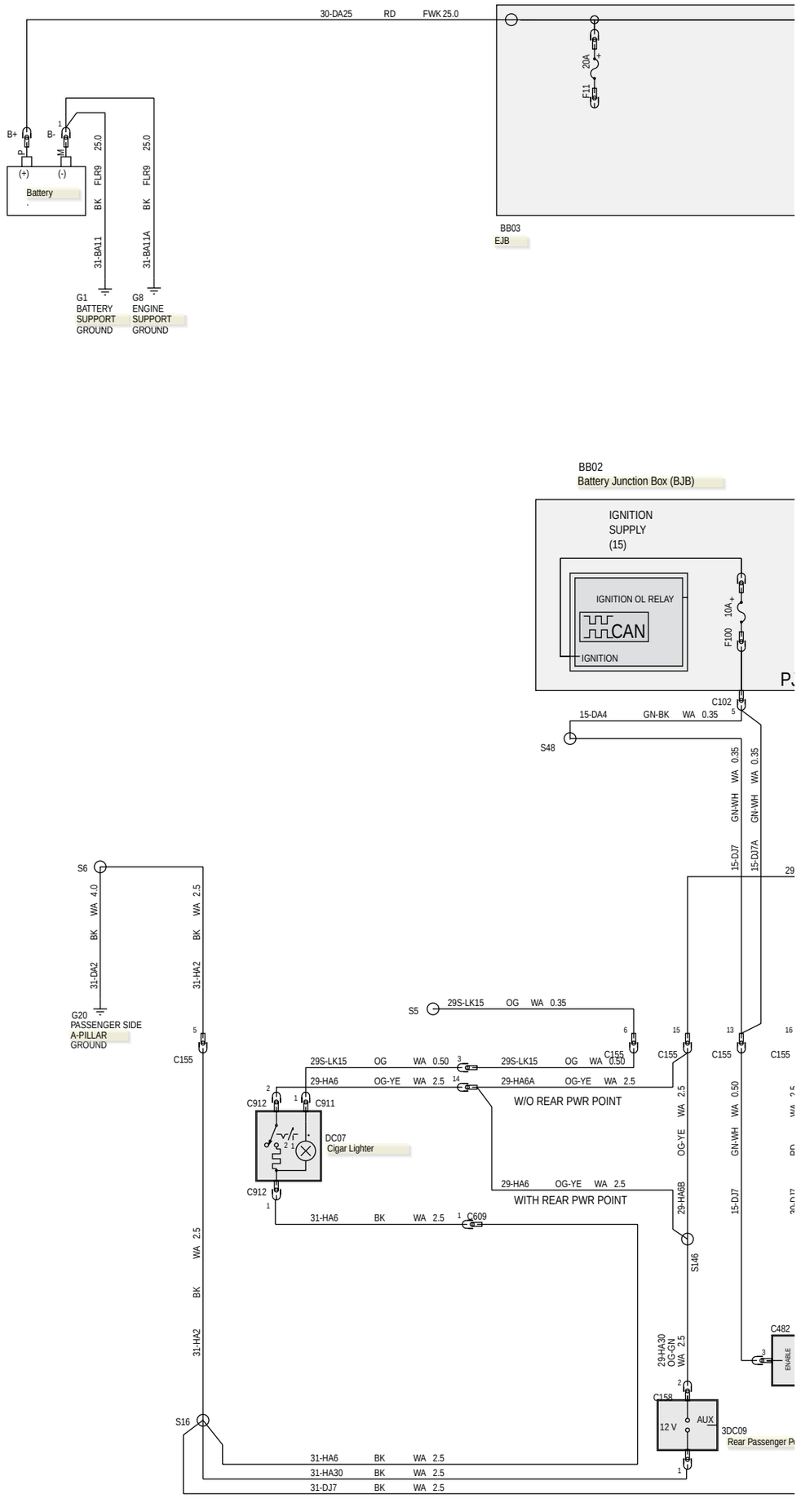
## VEHICLE APPLICATION: 2011.0 Kuga

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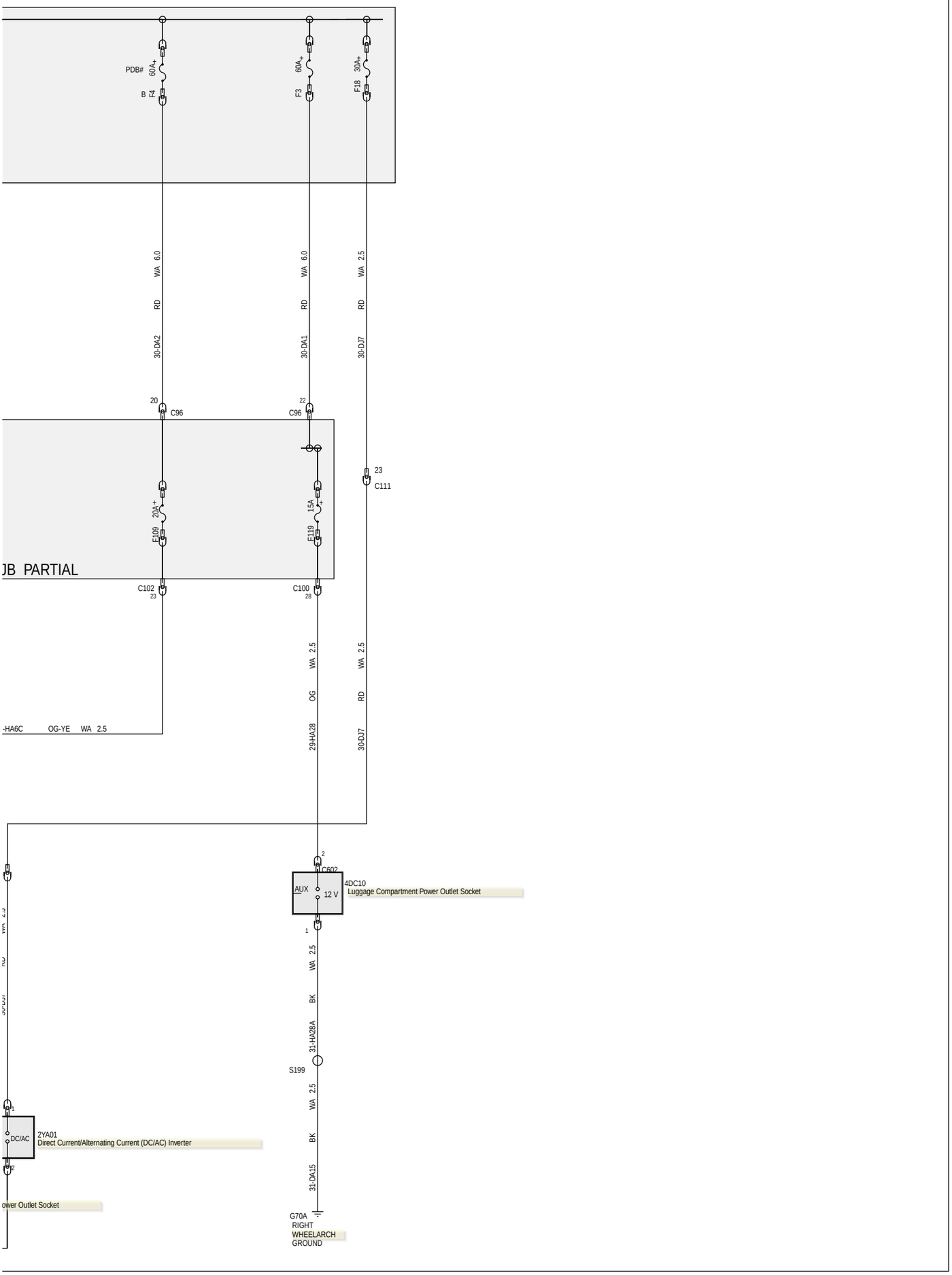
**ELECTRICAL SCHEMATICS**

Cigar Lighter and Power Points..... 700-02-2

700-02-2 Cigar Lighter and Power Points



700-02-3 Cigar Lighter and Power Points



# SECTION 700-03 Grounding Strategy

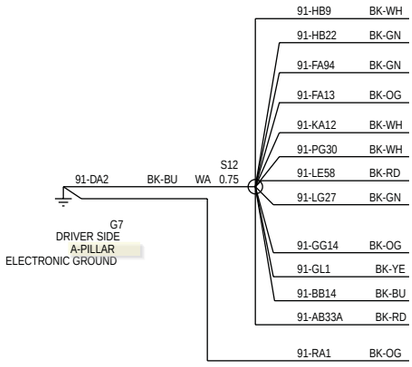
## VEHICLE APPLICATION: 2011.0 Kuga

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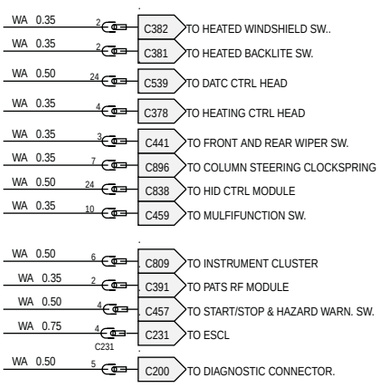
### ELECTRICAL SCHEMATICS

A-Pillar LH Ground Point..... 700-03-2
A-Pillar RH Ground Point..... 700-03-4
Battery Ground Point..... 700-03-6
D-Pillar LH Ground Point — LHD 4WD/LHD FWD..... 700-03-8
D-Pillar LH Ground Point — RHD 4WD/RHD FWD..... 700-03-10
D-Pillar RH Ground Point — LHD 4WD/LHD FWD..... 700-03-12
D-Pillar RH Ground Point — RHD 4WD/RHD FWD..... 700-03-14
Engine Compartment Ground Point LH..... 700-03-16
Engine Compartment Ground Point RH..... 700-03-18
In-Vehicle Crossbeam Center Ground Point..... 700-03-20
In-Vehicle Crossbeam Ground Point LH — LHD 4WD/LHD FWD..... 700-03-22
In-Vehicle Crossbeam Ground Point LH — RHD 4WD/RHD FWD..... 700-03-24
In-Vehicle Crossbeam Ground Point RH — LHD 4WD/LHD FWD..... 700-03-26
In-Vehicle Crossbeam Ground Point RH — RHD 4WD/RHD FWD..... 700-03-28

700-03-2 A-Pillar LH Ground Point



700-03-3 A-Pillar LH Ground Point

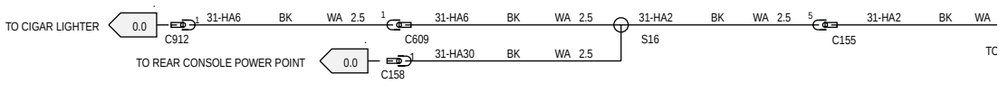


700-03-4 A-Pillar RH Ground Point

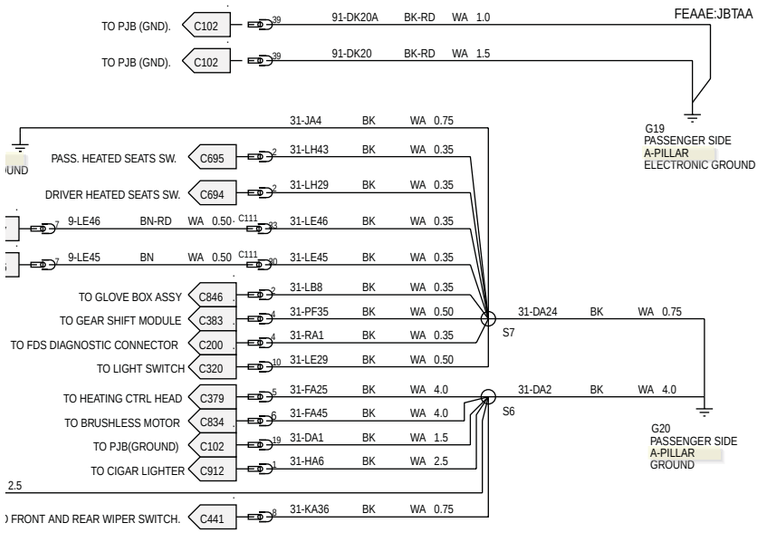
G39
AIR
BAG
GRO

TO RIGHT HEADLAMP(LEV. MOTOR) C837

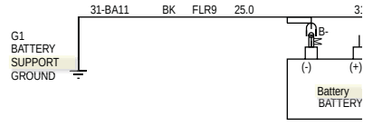
TO LEFT HEADLAMP(LEV. MOTOR) C836



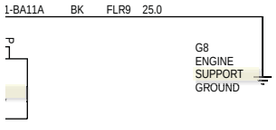
700-03-5 A-Pillar RH Ground Point



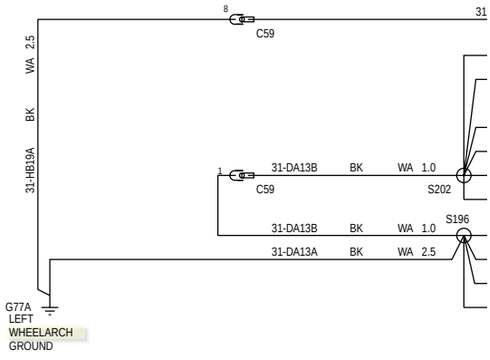
700-03-6 Battery Ground Point

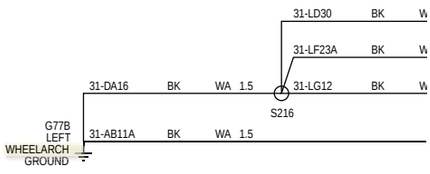


700-03-7 Battery Ground Point

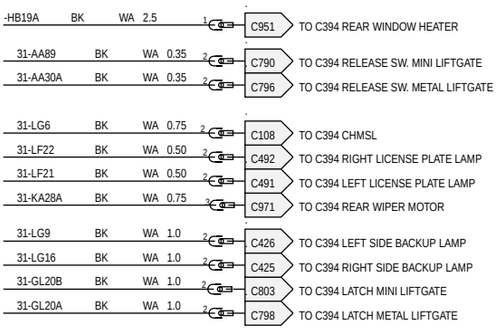


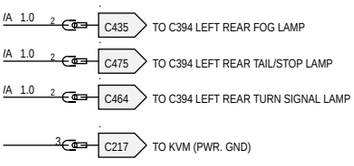
700-03-8 D-Pillar LH Ground Point—LHD 4WD/LHD FWD



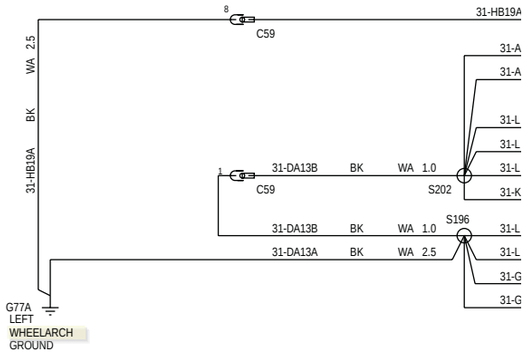



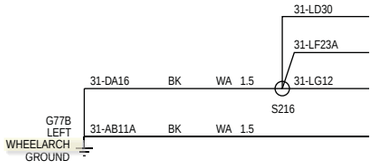
700-03-9 D-Pillar LH Ground Point—LHD 4WD/LHD FWD



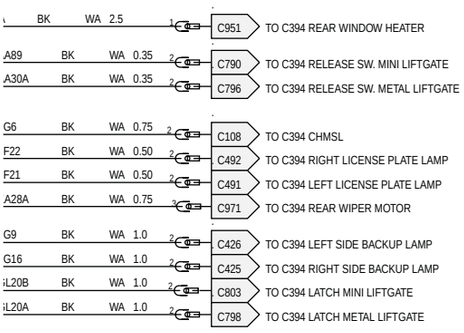



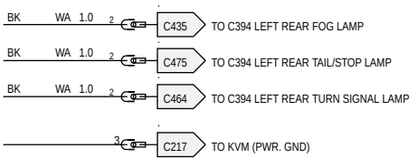
700-03-10 D-Pillar LH Ground Point—RHD 4WD/RHD FWD



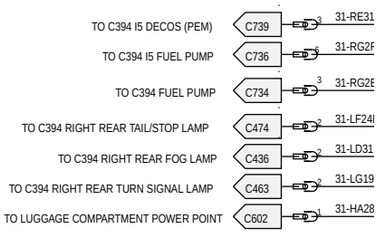



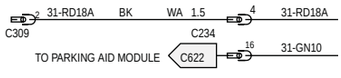
700-03-11 D-Pillar LH Ground Point—RHD 4WD/RHD FWD



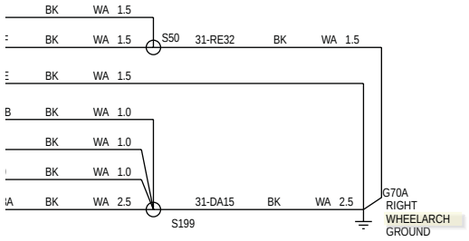



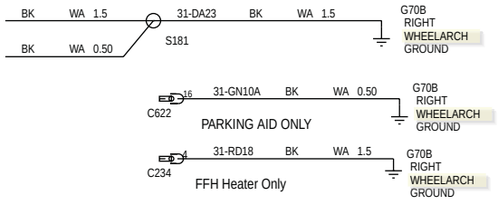
700-03-12 D-Pillar RH Ground Point—LHD 4WD/LHD FWD



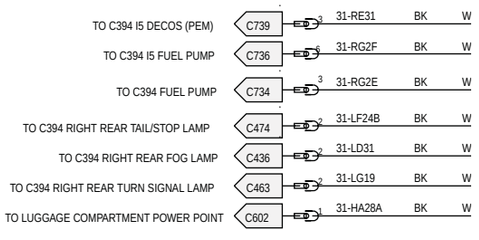



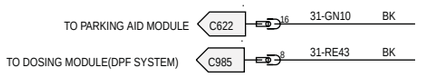
700-03-13 D-Pillar RH Ground Point—LHD 4WD/LHD FWD



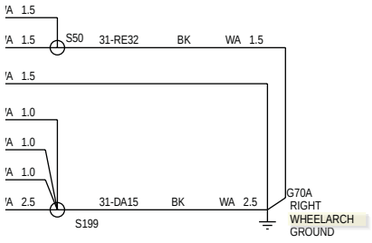



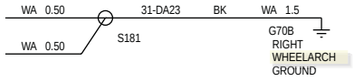
700-03-14 D-Pillar RH Ground Point—RHD 4WD/RHD FWD

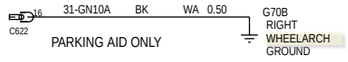


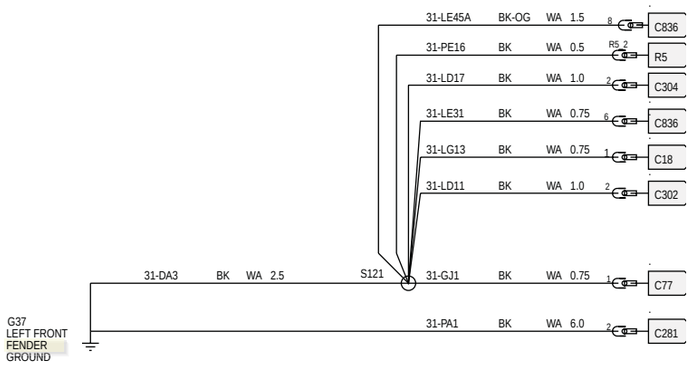
700-03-15 D-Pillar RH Ground Point—RHD 4WD/RHD FWD

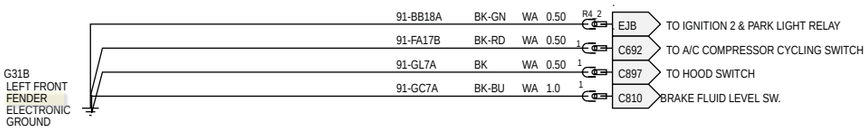


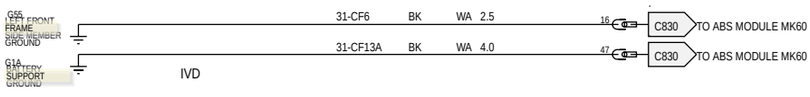



700-03-16 Engine Compartment Ground Point LH



700-03-17 Engine Compartment Ground Point LH

TO LEFT HID LAMP

TO DIESEL FUEL HEATER RELAY

TO RIGHT FRONT FOG LAMP

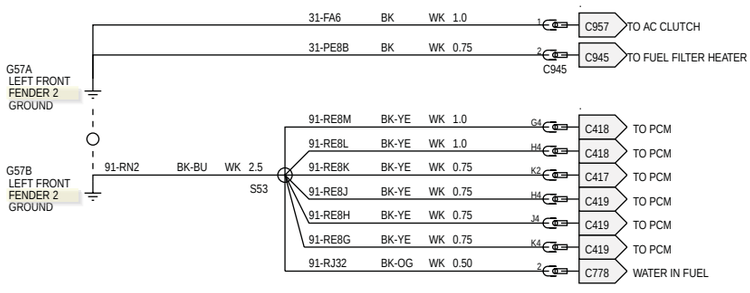
TO LEFT HEADLAMP

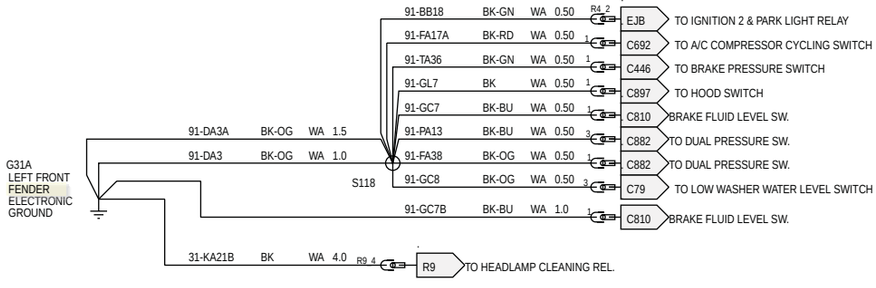
TO LEFT SIDE TURN SIGNAL LAMP (C214 ONLY)

TO LEFT FRONT FOG LAMP

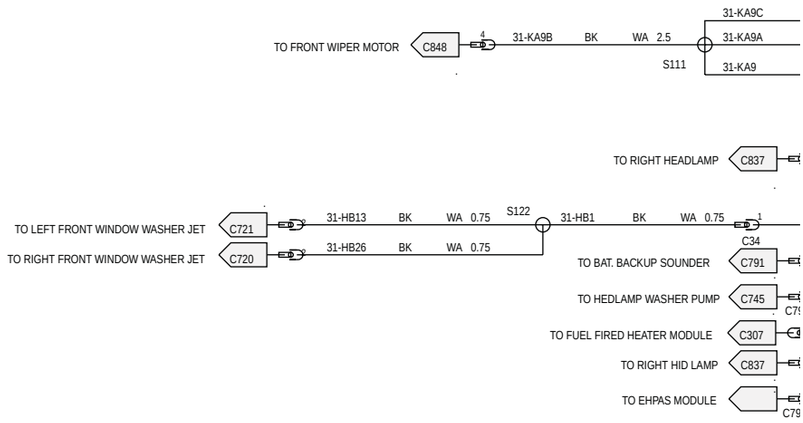
TO HORN

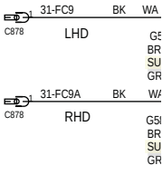
TO COOLING FAN MODULE

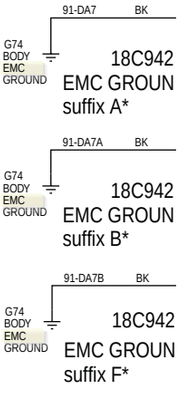


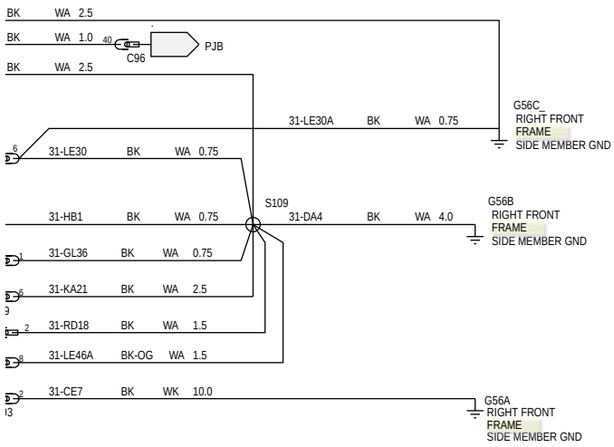
700-03-18 Engine Compartment Ground Point RH

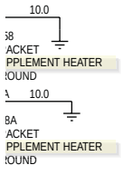


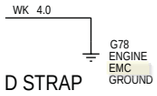



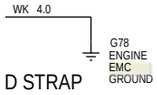



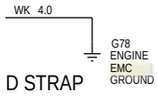
700-03-19 Engine Compartment Ground Point RH



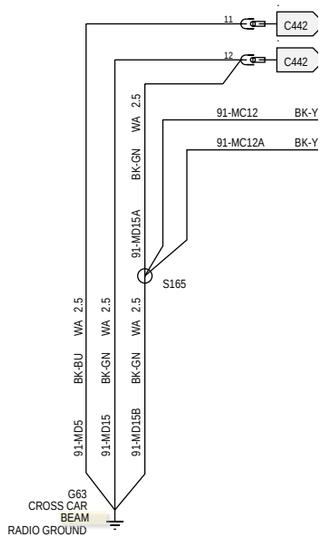



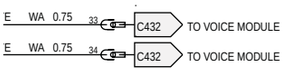
700-03-20 In-Vehicle Crossbeam Center Ground Point



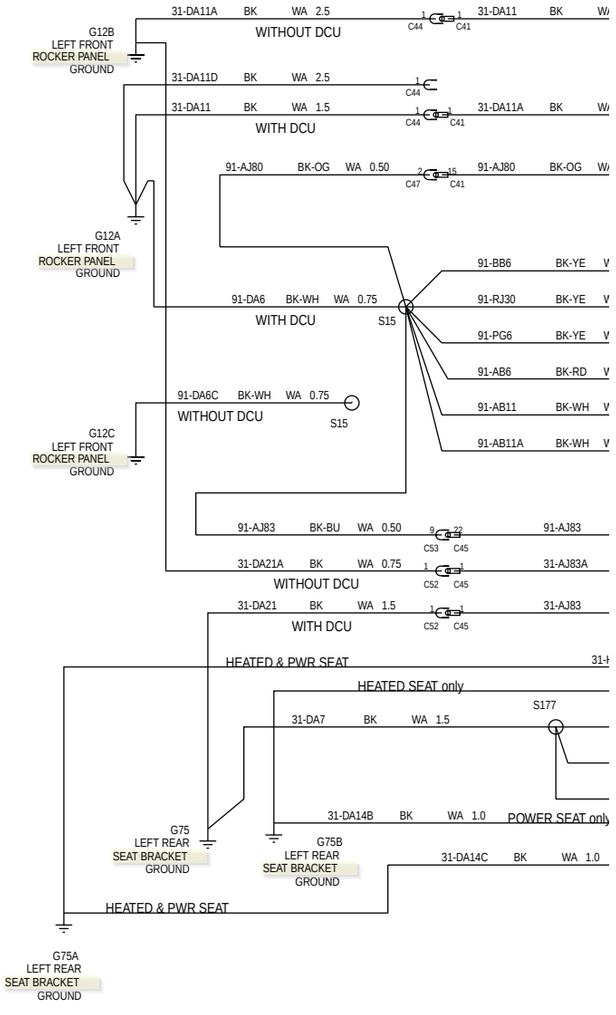
700-03-21 In-Vehicle Crossbeam Center Ground Point

TO RADIO / CLOCK

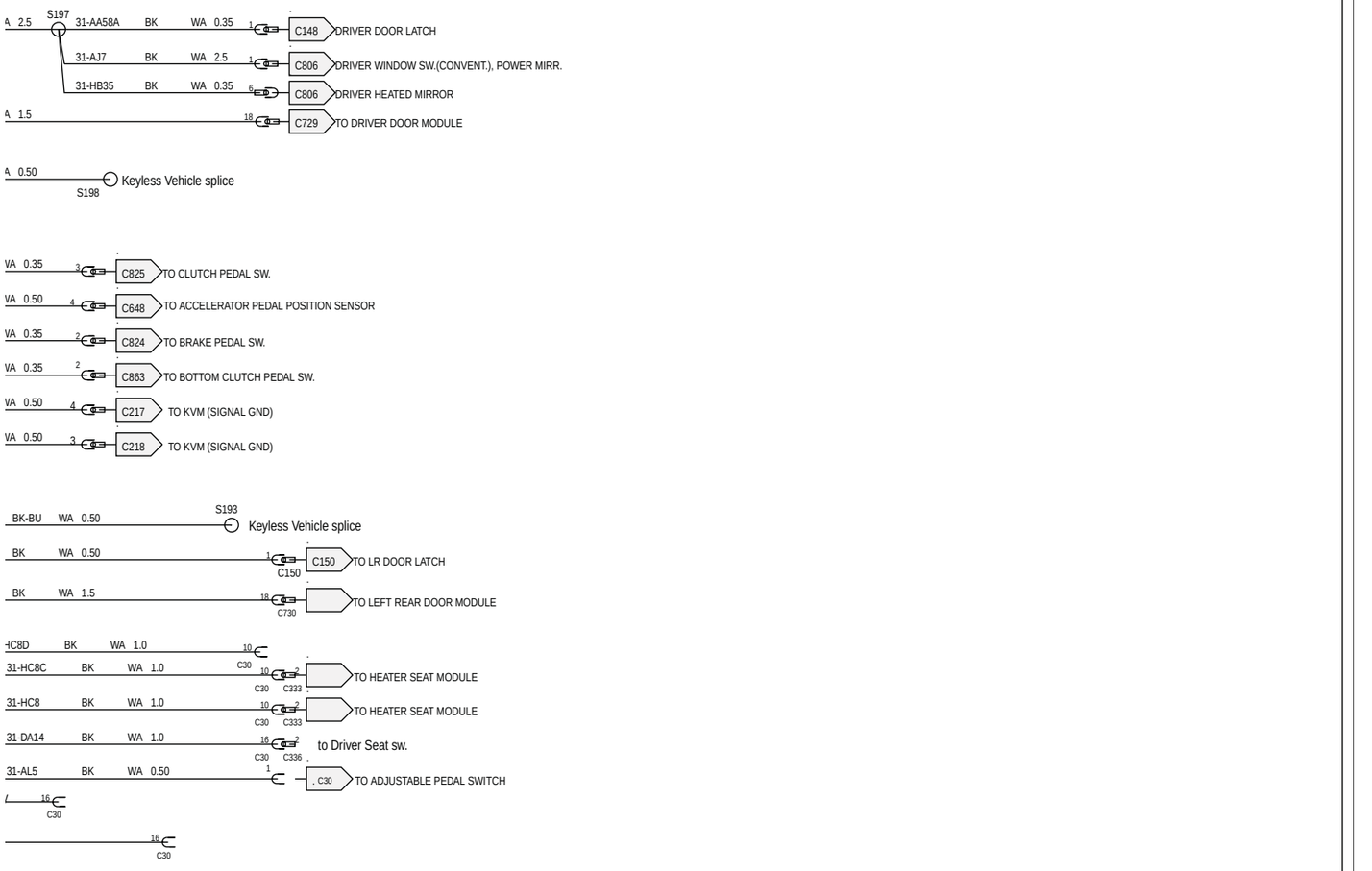
TO RADIO, POWER GROUND



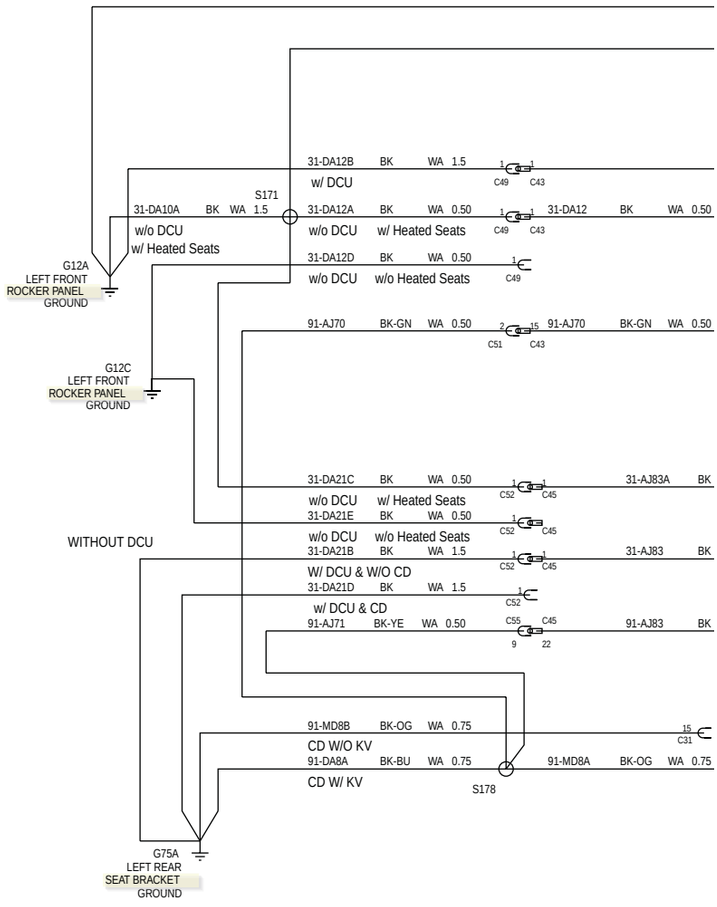
700-03-22 In-Vehicle Crossbeam Ground Point LH—LHD 4WD/LHD FWD



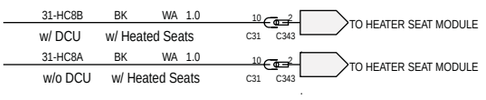
700-03-23 In-Vehicle Crossbeam Ground Point LH—LHD 4WD/LHD FWD

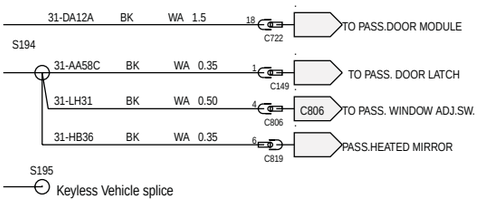


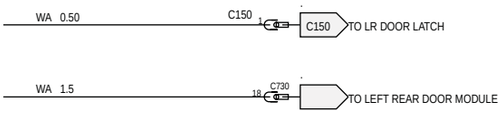
700-03-24 In-Vehicle Crossbeam Ground Point LH—RHD 4WD/RHD FWD



700-03-25 In-Vehicle Crossbeam Ground Point LH—RHD 4WD/RHD FWD



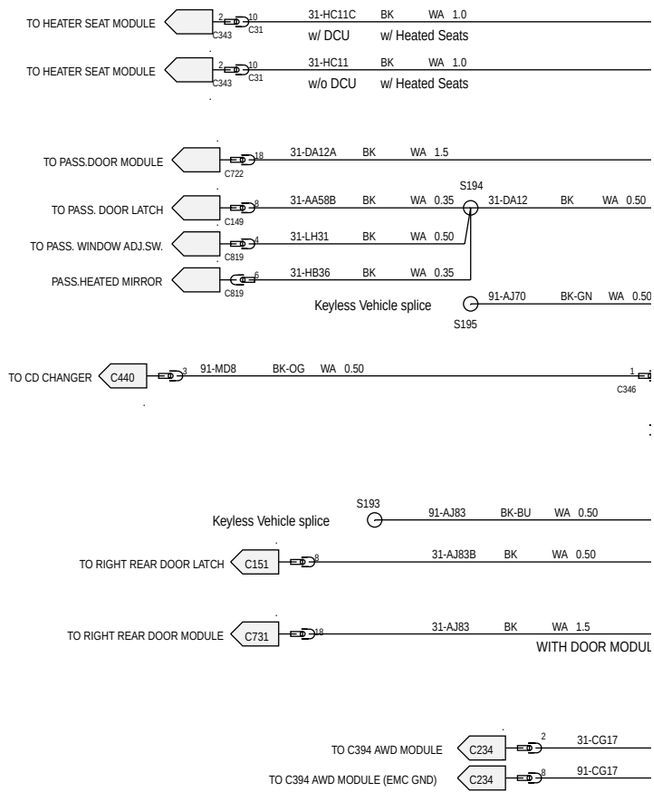





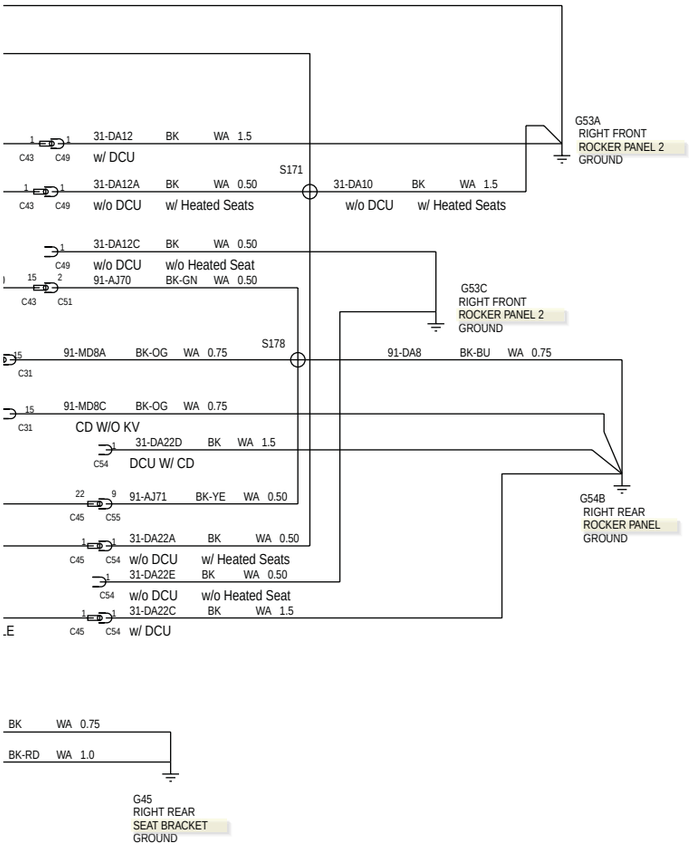




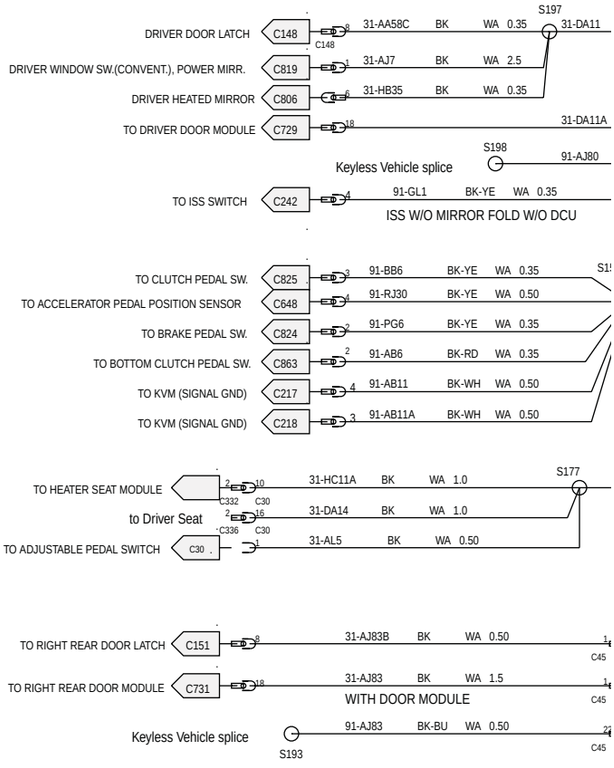
700-03-26 In-Vehicle Crossbeam Ground Point RH—LHD 4WD/LHD FWD



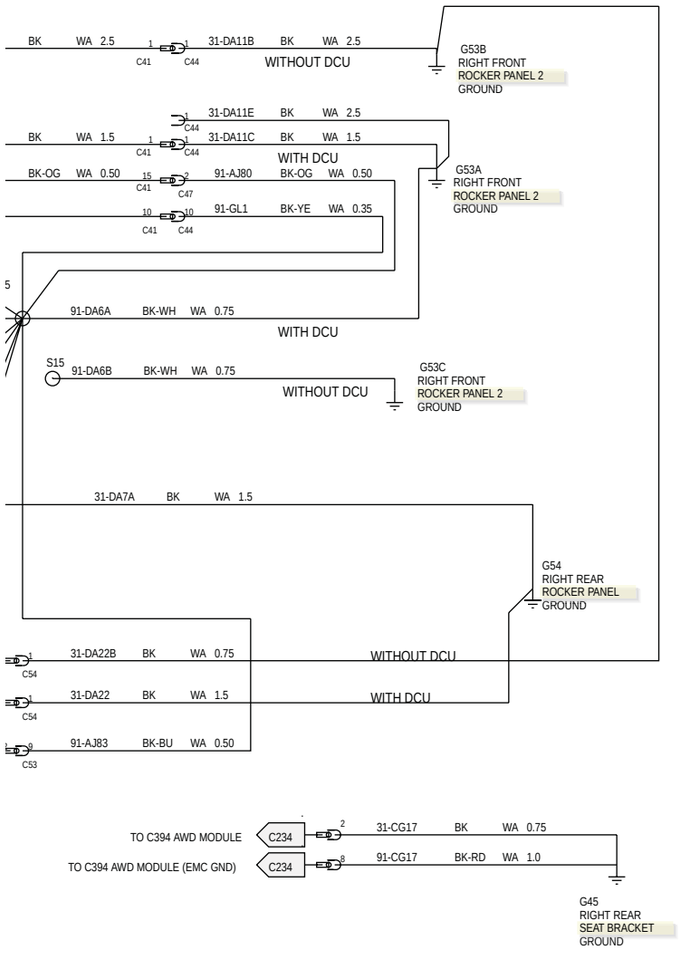
700-03-27 In-Vehicle Crossbeam Ground Point RH—LHD 4WD/LHD FWD



700-03-28 In-Vehicle Crossbeam Ground Point RH—RHD 4WD/RHD FWD



700-03-29 In-Vehicle Crossbeam Ground Point RH—RHD 4WD/RHD FWD



# SECTION 700-04 Electrical Connectors

## VEHICLE APPLICATION: 2011.0 Kuga

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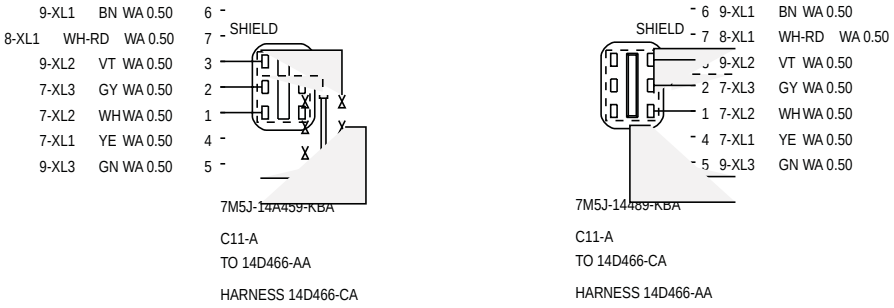
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### ELECTRICAL CONNECTORS

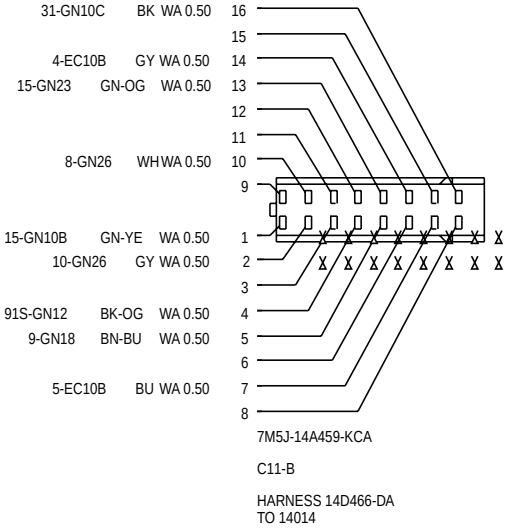
In-Line Connector 11 ..... 700-04-3
In-Line Connector 11 ..... 700-04-3
In-Line Connector 11 ..... 700-04-3
In-Line Connector 11 ..... 700-04-4
In-Line Connector 11 ..... 700-04-4
In-Line Connector 11 — X ..... 700-04-4
In-Line Connector 11 — Y ..... 700-04-4
In-Line Connector 30 ..... 700-04-5
In-Line Connector 31 ..... 700-04-6
In-Line Connector 32 ..... 700-04-7
In-Line Connector 33 ..... 700-04-7
In-Line Connector 34 ..... 700-04-7
In-Line Connector 41 ..... 700-04-8
In-Line Connector 43 ..... 700-04-8
In-Line Connector 44 ..... 700-04-9
In-Line Connector 45 ..... 700-04-9
In-Line Connector 47 ..... 700-04-10
In-Line Connector 49 ..... 700-04-10
In-Line Connector 51 ..... 700-04-11
In-Line Connector 52 ..... 700-04-11
In-Line Connector 53 ..... 700-04-11
In-Line Connector 54 ..... 700-04-12
In-Line Connector 55 ..... 700-04-12
In-Line Connector 57 ..... 700-04-12
In-Line Connector 58 ..... 700-04-13
In-Line Connector 64 ..... 700-04-15
In-Line Connector 77 ..... 700-04-15
In-Line Connector 79 ..... 700-04-16
In-Line Connector 90 ..... 700-04-16
In-Line Connector 91 ..... 700-04-17
In-Line Connector 98 ..... 700-04-17
In-Line Connector 95 ..... 700-04-17
In-Line Connector 96 ..... 700-04-18
In-Line Connector 99 ..... 700-04-19
In-Line Connector 111 ..... 700-04-20
In-Line Connector 112 ..... 700-04-22
In-Line Connector 113 ..... 700-04-24
In-Line Connector 114 ..... 700-04-25
In-Line Connector 115 ..... 700-04-25
In-Line Connector 117 ..... 700-04-25
In-Line Connector 118 ..... 700-04-26
In-Line Connector 234 ..... 700-04-28

In-Line Connector 235..... 700-04-29
In-Line Connector 309..... 700-04-30
In-Line Connector 336..... 700-04-32
In-Line Connector 340..... 700-04-32
In-Line Connector 346..... 700-04-33
In-Line Connector 348..... 700-04-33
In-Line Connector 608..... 700-04-33
In-Line Connector 609..... 700-04-34
In-Line Connector 625..... 700-04-36
In-Line Connector 649..... 700-04-36
In-Line Connector 778..... 700-04-36
In-Line Connector 829..... 700-04-36

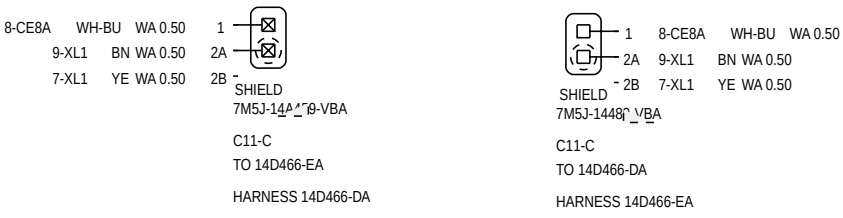
## In-Line Connector 11 (G1234831)




## In-Line Connector 11 (G1234832)

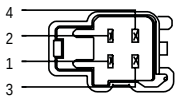



## In-Line Connector 11 (G1234833)



## In-Line Connector 11 (G1234834)

8-CE8B WH-BU WA 0.50

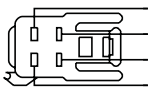



4S7T-14A459-VDA

C11-D
TO 14401

HARNESS 14D466-EA

## In-Line Connector 11 (G1234835)



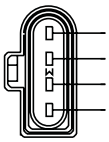

1 8-CE8B WH-BU WA 0.50 + 8-CE8A WH-BU WA 0.50

4S7T-14489-VDA

C11-E
TO 15R554

HARNESS 14D446-EA

## In-Line Connector 11—X (G1337148)



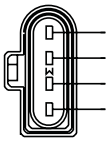
| | | | | |
|---|---|---|---|---|
| 1 | CE205A | GN-BU | WK 1.0 | S |
| 2 | RE205A | YE-BU | WK 1.0 | S |
| 3 | CE206A | GY-YE | WK 1.0 | S |
| 4 | RE206A | BU-OG | WK 1.0 | S |

6G9T-14A464-HDA

C11X
TO INLINE INJECTOR 1 AND 4

HARNESS 12A690

## In-Line Connector 11—Y (G1337149)



| | | | | |
|---|---|---|---|---|
| 1 | CE207A | VT-GY | WK 1.0 | S |
| 2 | RE207A | GN-VT | WK 1.0 | S |
| 3 | CE208A | YE-OG | WK 1.0 | S |
| 4 | RE208A | BU | WK 1.0 | S |

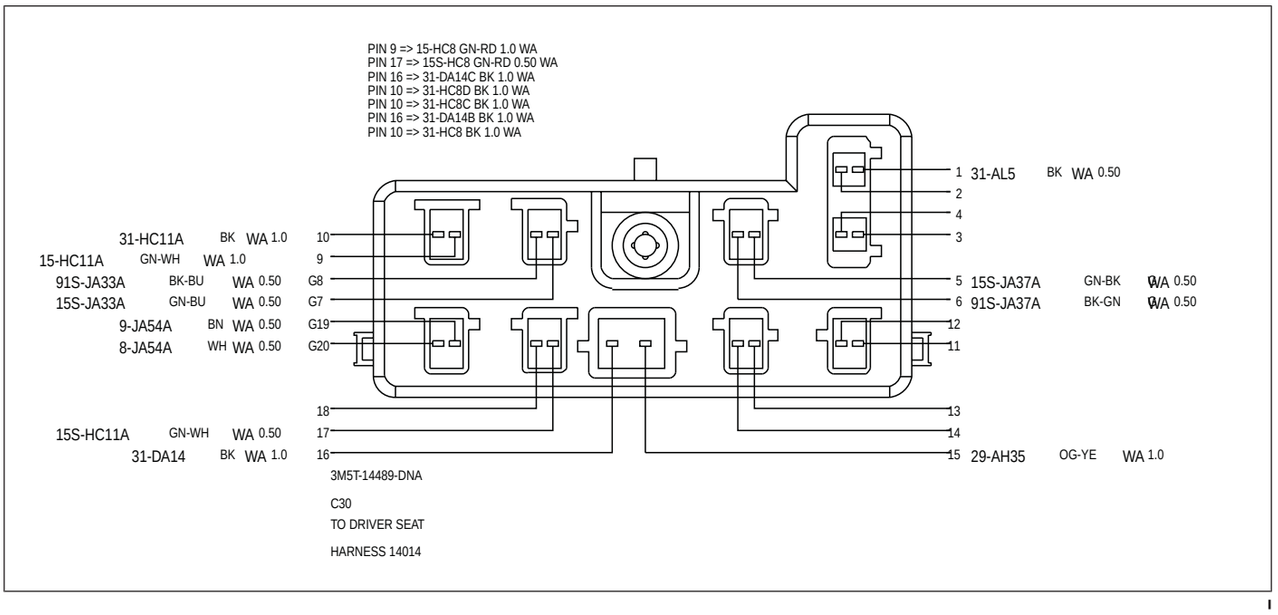
6G9T-14A464-HDA

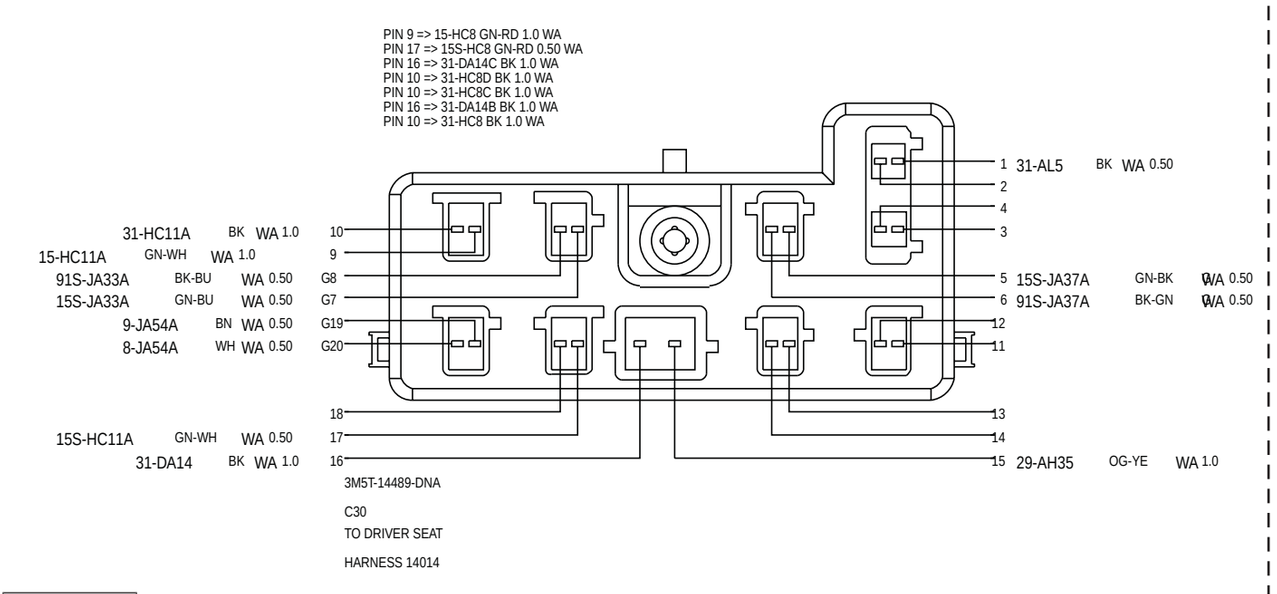
C11Y
TO INLINE INJECTOR 2 AND 3

HARNESS 12A690

## In-Line Connector 30 (G1235634)

### Thumbnail




Part 1 of 2

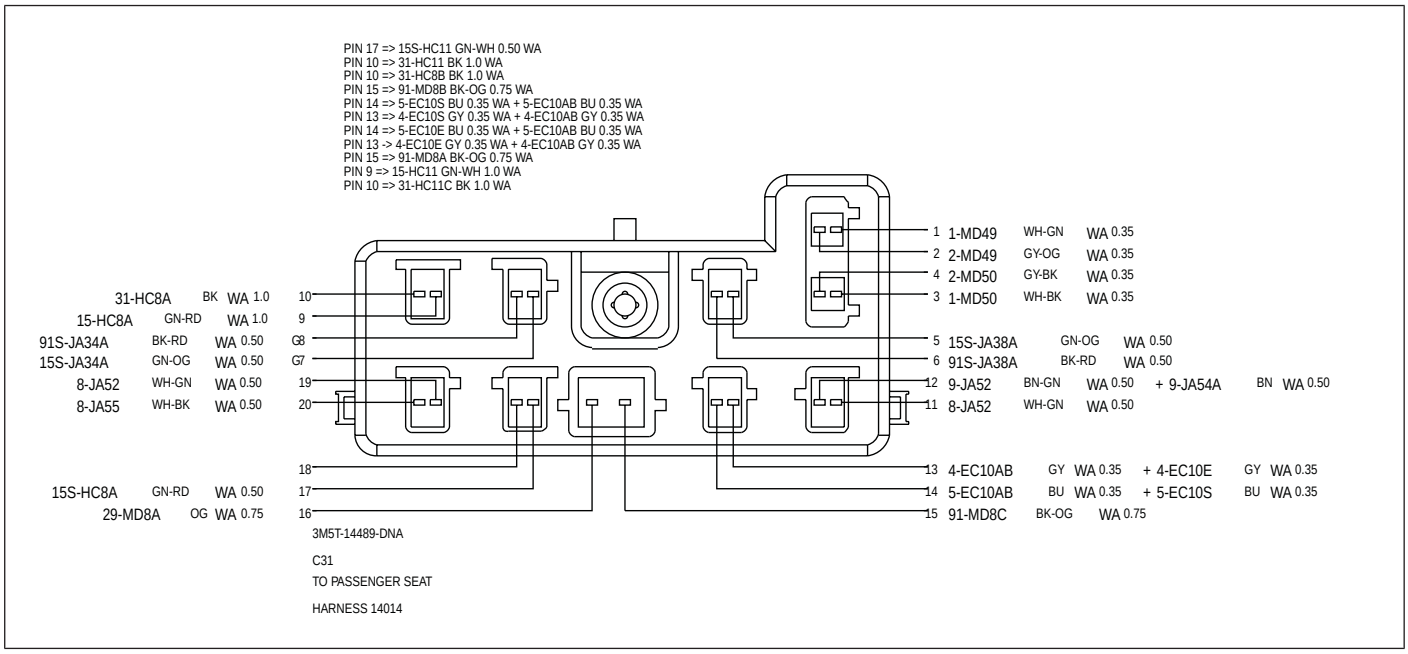
WA 0.50
WA 0.50

WA 1.0

Part 2 of 2

## In-Line Connector 31 (G1234840)

### Thumbnail




PIN 17 => 15S-HC11 GN-WH 0.50 WA
PIN 10 => 31-HC11 BK 1.0 WA
PIN 10 => 31-HC8B BK 1.0 WA
PIN 15 => 91-MD8B BK-OG 0.75 WA
PIN 14 => 5-EC10S BU 0.35 WA + 5-EC10AB BU 0.35 WA
PIN 13 => 4-EC10S GY 0.35 WA + 4-EC10AB GY 0.35 WA
PIN 14 => 5-EC10E BU 0.35 WA + 5-EC10AB BU 0.35 WA
PIN 13 -> 4-EC10E GY 0.35 WA + 4-EC10AB GY 0.35 WA
PIN 15 => 91-MD8A BK-OG 0.75 WA
PIN 9 => 15-HC11 GN-WH 1.0 WA
PIN 10 => 31-HC11C BK 1.0 WA
31-HC8A BK WA 1.0 10
15-HC8A GN-RD WA 1.0 9
91S-JA34A BK-RD WA 0.50 G8
15S-JA34A GN-OG WA 0.50 G7
8-JA52 WH-GN WA 0.50 19
8-JA55 WH-BK WA 0.50 20
15S-HC8A GN-RD WA 0.50 18
29-MD8A OG WA 0.75 17
16
1 1-MD49 WH-GN WA 0.35
2 2-MD49 GY-OG WA 0.35
4 2-MD50 GY-BK WA 0.35
3 1-MD50 WH-BK WA 0.35
5 15S-JA38A GN-OG WA 0.50
6 91S-JA38A BK-RD WA 0.50
12 9-JA52 BN-GN WA 0.50 + 9-JA54A BN
11 8-JA52 WH-GN WA 0.50
13 4-EC10AB GY WA 0.35 + 4-EC10E GY
14 5-EC10AB BU WA 0.35 + 5-EC10S BU
15 91-MD8C BK-OG WA 0.75
3M5T-14489-DNA
C31
TO PASSENGER SEAT
HARNESS 14014

Part 1 of 2

.35
.35
.35
.35

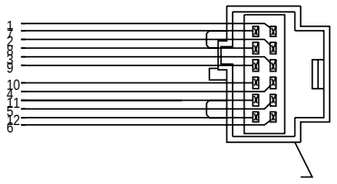
WA 0.50
WA 0.50
.50 + 9-JA34A BN WA 0.50
.50

5 + 4-EC10E GY WA 0.35
5 + 5-EC10S BU WA 0.35
A 0.75

Part 2 of 2

## In-Line Connector 32 (G1234841)

3-MD27AU BK DR 0.35
3-MD27H BK DR 0.35
3-MD27D BK DR 0.35
3-MD27MP BK DR 0.35
8-MD27AU WH-VT WA 0.35
8-MD27MP WH-VT WA 0.35
8-MD27D WH-VT WA 0.35
8-MD27C WH-VT WA 0.35
3-MD27C BK DR 0.35
3-MD27G BK DR 0.35
10-MD27AU GY-WH WA 0.35
10-MD27C GY-WH WA 0.35
10-MD27MP GY-WH WA 0.35
10-MD27D GY-WH WA 0.35




5C3T-14A624-AAA

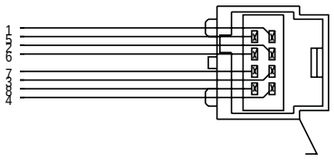
C32

TO 19A442

HARNESS 14401

## In-Line Connector 33 (G1234842)

8-MC8A WH-RD WA 0.50
3-MC8 BK DR 0.50
3-MC8A BK DR 0.50
8-MC8 WH-RD WA 0.50
8-MC8B WH-RD WA 0.50
3-MC8C BK DR 0.50
3-MC8B BK DR 0.50
8-MC8C WH-RD WA 0.50




2L1T-14A624-SA

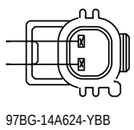
C33

TO 19A456

HARNESS 14401

## In-Line Connector 34 (G1234843)

15-HB1 GN-BU WA 0.75
31-HB1 BK WA 0.75

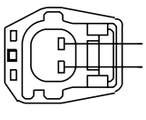



97BG-14A624-YBB

C34

TO 14K733

HARNESS 14297




2 15-HB1 GN-BU WA 0.75
1 31-HB1 BK WA 0.75

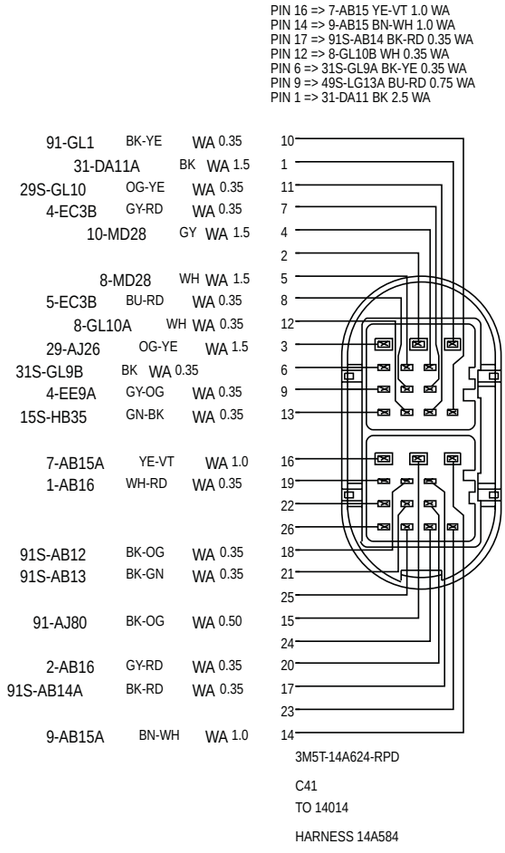
XW4T-14A464-AHB

C34

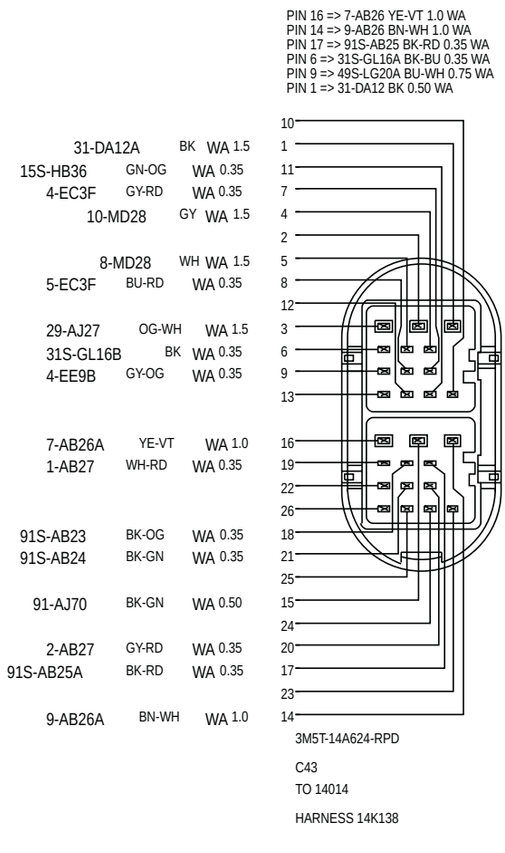
TO 14297

HARNESS 14K733

## In-Line Connector 41 (G1235640)

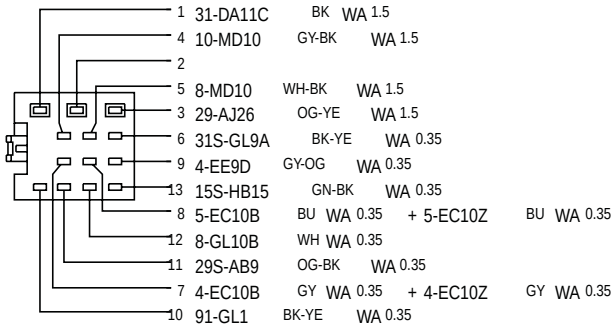



## In-Line Connector 43 (G1234845)



## In-Line Connector 44 (G1234875)

PIN 1 => 31-DA11D BK 2.5 WA
PIN 1 => 31-DA11A BK 2.5 WA
PIN 1 => 31-DA11 BK 1.5 WA
PIN 1 => 31-DA11E BK 2.5 WA
PIN 1 => 31-DA11B BK 2.5 WA
PIN 7 => 4-EC10Z GY 0.35 WA + 4-EC10Y GY 0.35 WA
PIN 8 => 5-EC10Z BU 0.35 WA + 5-EC10T BU 0.35 WA
PIN 7 => 4-EC10Z GY 0.35 WA + 4-EC10T GY 0.35 WA
PIN 9 => 4-EE9A GY-OG 0.35 WA
PIN 4 => 10-MD10A GY-BK 1.5 WA
PIN 5 => 8-MD10A WH-BK 1.5 WA
PIN 5 => 8-MD10B WH-BK 1.5 WA
PIN 4 => 10-MD10B GY-BK 1.5 WA
PIN 8 => 5-EC10Z BU 0.35 WA + 5-EC10AR BU 0.35 WA
PIN 7 => 4-EC10Z GY 0.35 WA + 4-EC10AR GY 0.35 WA
PIN 8 => 5-EC10Y BU 0.35 WA + 5-EC10Z BU 0.35 WA
PIN 7 => 4-EC10Y GY 0.35 WA + 4-EC10Z GY 0.35 WA
PIN 8 => 5-EC10Z BU 0.35 WA + 5-EC10Y BU 0.35 WA




3M5T-14489-RNA

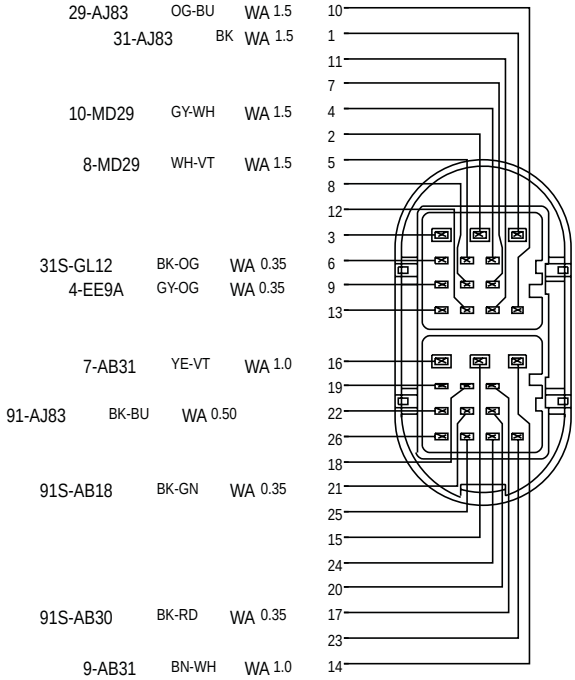
C44

TO 14A584

HARNESS 14014

## In-Line Connector 45 (G1235641)

PIN 16 => 7-AB20 YE-VT 1.0 WA
PIN 14 => 9-AB20 BN-WH 1.0 WA
PIN 17 => 91S-AB19 BK-RD 0.35 WA
PIN 1 => 31-AJ83B BK 0.50 WA
PIN 1 => 31-AJ83A BK 0.50 WA




3M5T-14A624-RPD

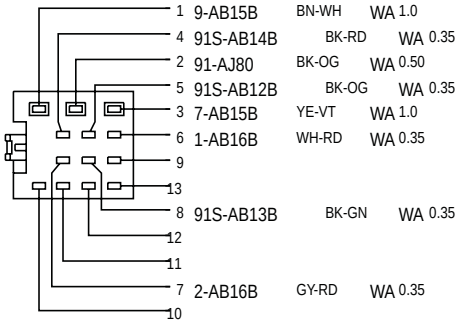
C45

TO 14014

HARNESS 14240

## In-Line Connector 47 (G1235642)

PIN 6 => 1-AB16A WH-RD 0.35 WA
PIN 7 => 2-AB16A GY-RD 0.35 WA
PIN 8 => 91S-AB13A BK-GN 0.35 WA
PIN 5 => 91S-AB12A BK-OG 0.35 WA
PIN 3 => 7-AB15A YE-VT 1.0 WA
PIN 1 => 9-AB15A BN-WH 1.0 WA
PIN 4 => 91S-AB14A BK-RD 0.35 WA




3M5T-14489-SNA

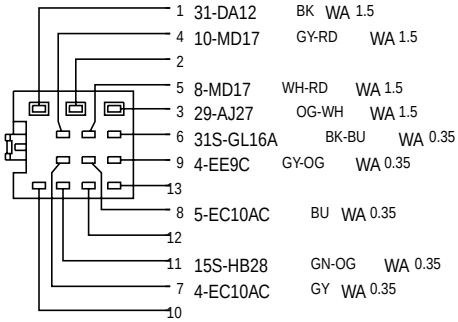
C47

TO 14A584

HARNESS 14014

## In-Line Connector 49 (G1235643)

PIN 1 => 31-DA12C BK 0.50 WA
PIN 1 => 31-DA12D BK 0.50 WA
PIN 1 => 31-DA12B BK 1.5 WA
PIN 1 => 31-DA12A BK 0.50 WA
PIN 8 => 5-EC10D BU 0.35 WA
PIN 7 => 4-EC10D GY 0.35 WA
PIN 8 => 5-EC10U BU 0.35 WA + 5-EC10AC BU 0.35 WA
PIN 7 => 4-EC10U GY 0.35 WA + 4-EC10AC GY 0.35 WA
PIN 8 => 5-EC10F BU 0.35 WA
PIN 7 => 4-EC10F GY 0.35 WA
PIN 8 => 5-EC10U BU 0.35 WA + 5-EC10AB BU 0.35 WA
PIN 7 => 4-EC10U GY 0.35 WA + 4-EC10AB GY 0.35 WA
PIN 8 => 5-EC10U BU 0.35 WA + 5-EC10W BU 0.35 WA
PIN 7 => 4-EC10U GY 0.35 WA + 4-EC10W GY 0.35 WA
PIN 8 => 5-EC10U BU 0.35 WA + 5-EC10Y BU 0.35 WA
PIN 7 => 4-EC10U GY 0.35 WA + 4-EC10Y GY 0.35 WA
PIN 8 => 5-EC10AB BU 0.35 WA + 5-EC10U BU 0.35 WA
PIN 7 => 4-EC10AB GY 0.35 WA + 4-EC10U GY 0.35 WA
PIN 9 => 4-EE9B GY-OG 0.35 WA
PIN 5 => 8-MD17A WH-RD 1.5 WA
PIN 4 => 10-MD17A GY-RD 1.5 WA




3M5T-14489-RNA

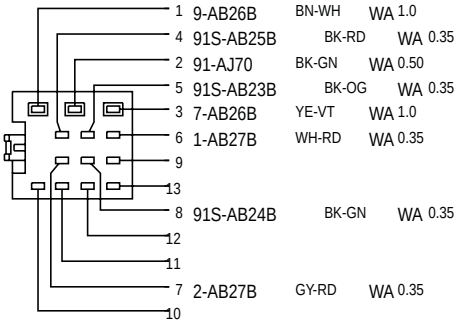
C49

TO 14K138

HARNESS 14014

## In-Line Connector 51 (G1234876)

PIN 6 => 1-AB27A WH-RD 0.35 WA
PIN 7 => 2-AB27A GY-RD 0.35 WA
PIN 5 => 91S-AB23A BK-OG 0.35 WA
PIN 3 => 7-AB26A YE-VT 1.0 WA
PIN 1 => 9-AB26A BN-WH 1.0 WA
PIN 4 => 91S-AB25A BK-RD 0.35 WA
PIN 8 => 91S-AB24A BK-GN 0.35 WA




3M5T-14489-SNA

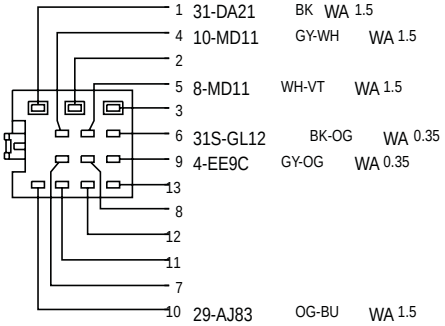
C51

TO 14K138

HARNESS 14014

## In-Line Connector 52 (G1234877)

PIN 1 => 31-DA21A BK 0.75 WA
PIN 1 => 31-DA21E BK 0.50 WA
PIN 1 => 31-DA21D BK 1.5 WA
PIN 1 => 31-DA21C BK 0.50 WA
PIN 1 => 31-DA21B BK 1.5 WA
PIN 9 => 4-EE9A GY-OG 0.35 WA
PIN 4 => 10-MD11A GY-WH 1.5 WA
PIN 5 => 8-MD11A WH-VT 1.5 WA




3M5T-14489-RNA

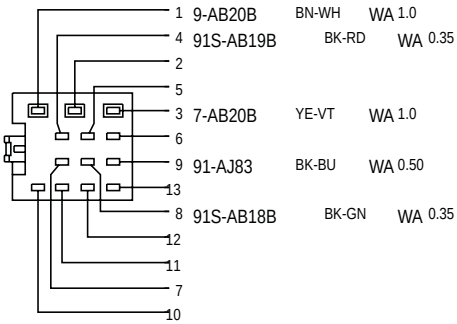
C52

TO 14240 LEFT REAR DOOR

HARNESS 14014

## In-Line Connector 53 (G1234878)

PIN 8 => 91S-AB18A BK-GN 0.35 WA
PIN 3 => 7-AB20A YE-VT 1.0 WA
PIN 1 => 9-AB20A BN-WH 1.0 WA
PIN 4 => 91S-AB19A BK-RD 0.35 WA




3M5T-14489-SNA

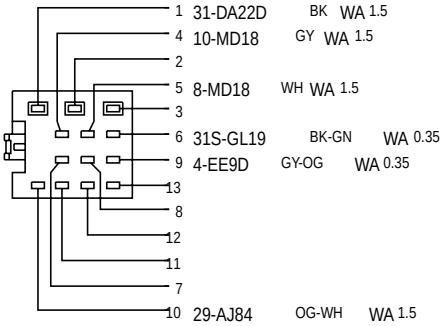
C53

TO 14240 LEFT REAR DOOR

HARNESS 14014

## In-Line Connector 54 (G1234879)

PIN 5 => 8-MD18A WH 1.5 WA
PIN 1 => 31-DA22E BK 0.50 WA
PIN 1 => 31-DA22A BK 0.50 WA
PIN 1 => 31-DA22C BK 1.5 WA
PIN 1 => 31-DA22B BK 0.75 WA
PIN 1 => 31-DA22 BK 1.5 WA
PIN 9 => 4-EE9B GY-OG 0.35 WA
PIN 4 => 10-MD18A GY 1.5 WA




3M5T-14489-RNA

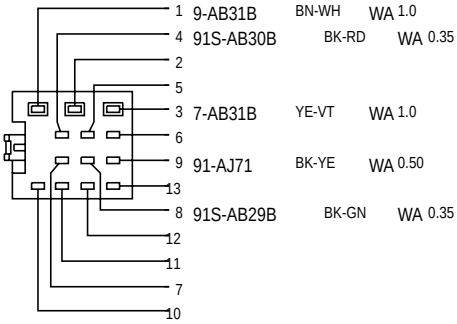
C54

TO 14240 RIGHT REAR DOOR

HARNESS 14014

## In-Line Connector 55 (G1234880)

PIN 8 => 91S-AB29A BK-GN 0.35 WA
PIN 3 => 7-AB31A YE-VT 1.0 WA
PIN 1 => 9-AB31A BN-WH 1.0 WA
PIN 4 => 91S-AB30A BK-RD 0.35 WA




3M5T-14489-SNA

C55

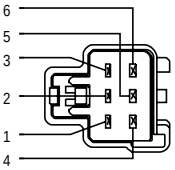
TO 14240 RIGHT REAR DOOR

HARNESS 14014

## In-Line Connector 57 (G1235644)

PIN 5 => 8-GL10B WH 0.35 WA + 8-GL10A WH 0.35 WA

8-GL10A WH WA 0.35 + 8-GL10B WH WA 0.35
29S-LC7K OG-BU WA 0.35
15S-MD7 GN-BU WA 0.50
3-MC8 BK DR 0.50
8-MC8 WH-RD WA 0.50



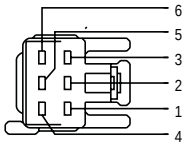

4S7T-14A459-VGA

C57

TO 14401

HARNESS 14335

PIN 2 => 3-MC8D BK 0.50 DR
PIN 1 => 8-MC8D WH-RD 0.50 WA




4S7T-14489-VGA

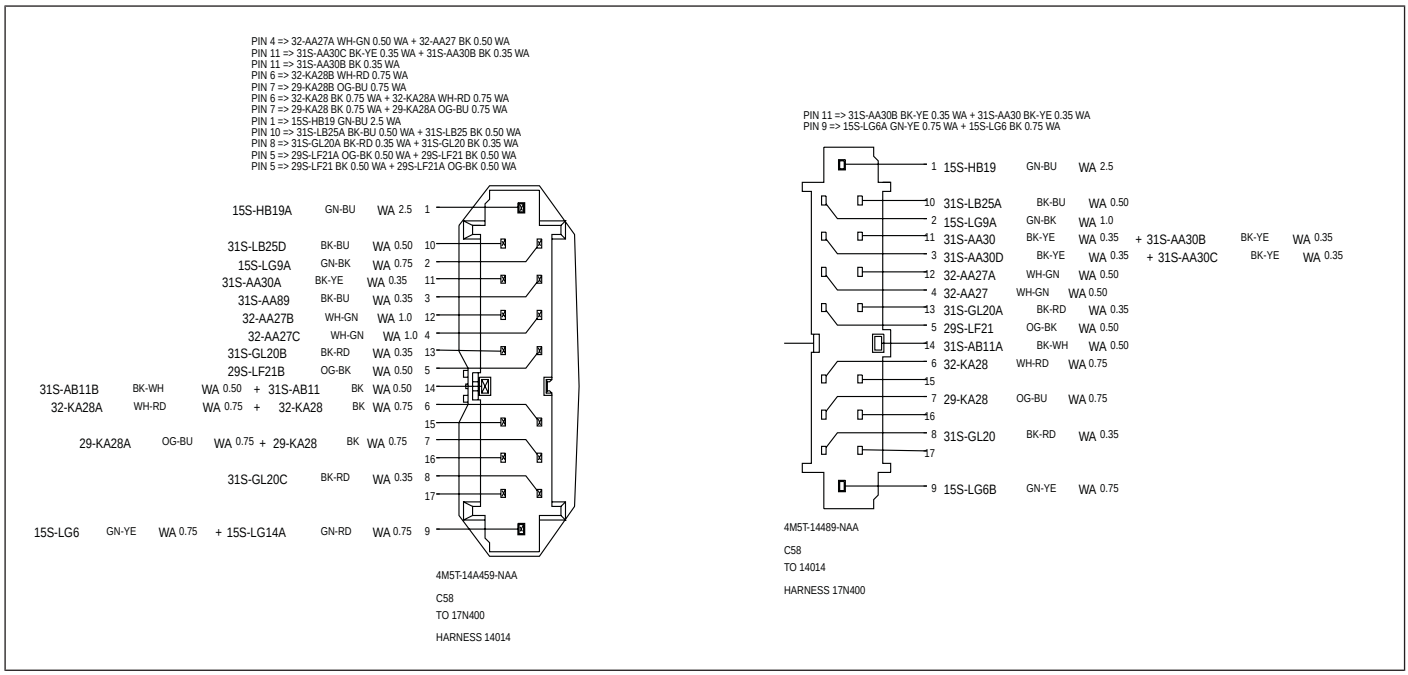
C57

TO 14335

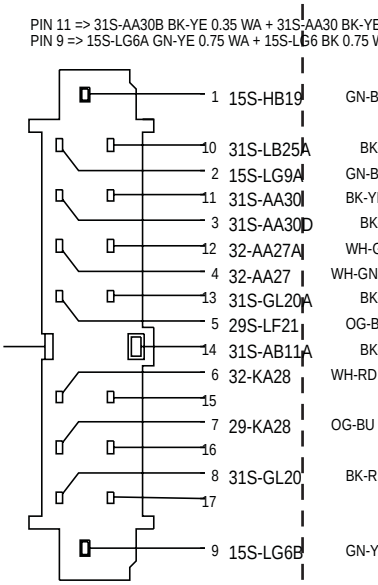
HARNESS 14401

## In-Line Connector 58 (G1235645)

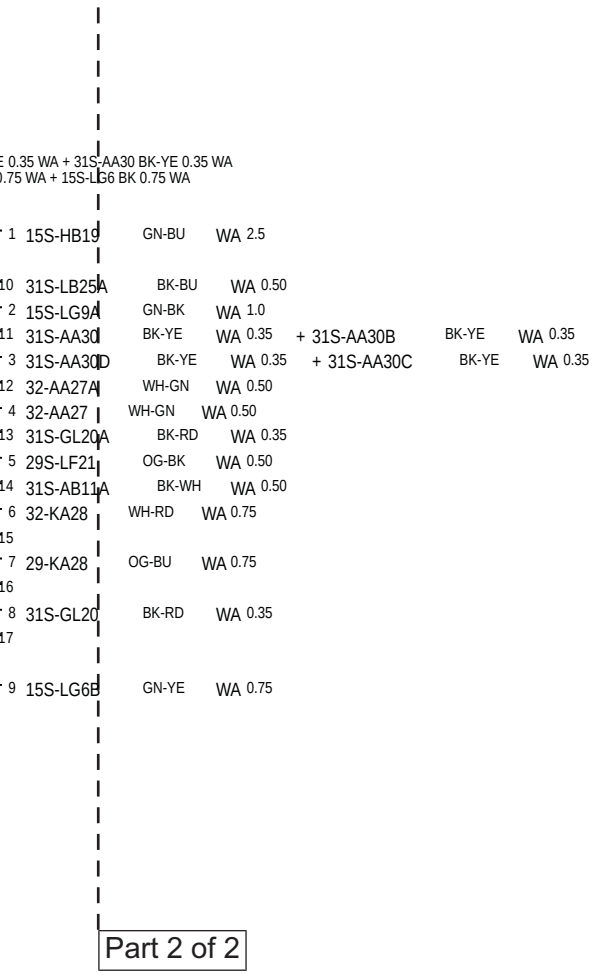
### Thumbnail




PIN 4 => 32-AA27A WH-GN 0.50 WA + 32-AA27 BK 0.50 WA
PIN 11 => 31S-AA30C BK-YE 0.35 WA + 31S-AA30B BK 0.35 WA
PIN 11 => 31S-AA30B BK 0.35 WA
PIN 6 => 32-KA28B WH-RD 0.75 WA
PIN 7 => 29-KA28B OG-BU 0.75 WA
PIN 6 => 32-KA28 BK 0.75 WA + 32-KA28A WH-RD 0.75 WA
PIN 7 => 29-KA28 BK 0.75 WA + 29-KA28A OG-BU 0.75 WA
PIN 1 => 15S-HB19 GN-BU 2.5 WA
PIN 10 => 31S-LB25A BK-BU 0.50 WA + 31S-LB25 BK 0.50 WA
PIN 8 => 31S-GL20A BK-RD 0.35 WA + 31S-GL20 BK 0.35 WA
PIN 5 => 29S-LF21A OG-BK 0.50 WA + 29S-LF21 BK 0.50 WA
PIN 5 => 29S-LF21 BK 0.50 WA + 29S-LF21A OG-BK 0.50 WA
15S-HB19A GN-BU WA 2.5 1
31S-LB25D BK-BU WA 0.50 10
15S-LG9A GN-BK WA 0.75 2
31S-AA30A BK-YE WA 0.35 11
31S-AA89 BK-BU WA 0.35 3
32-AA27B WH-GN WA 1.0 12
32-AA27C WH-GN WA 1.0 4
31S-GL20B BK-RD WA 0.35 13
29S-LF21B OG-BK WA 0.50 5
31S-AB11B BK-WH WA 0.50 + 31S-AB11 BK WA 0.50 14
32-KA28A WH-RD WA 0.75 + 32-KA28 BK WA 0.75 6
29-KA28A OG-BU WA 0.75 + 29-KA28 BK WA 0.75 7
31S-GL20C BK-RD WA 0.35 8
15S-LG6 GN-YE WA 0.75 + 15S-LG14A GN-RD WA 0.75 9
4M5T-14A459-NAA
C58
TO 17N400
HARNESS 14014

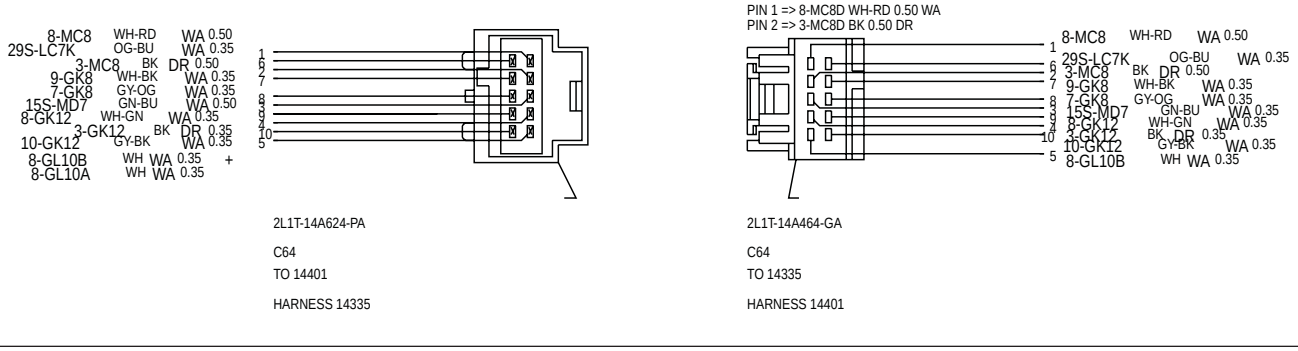


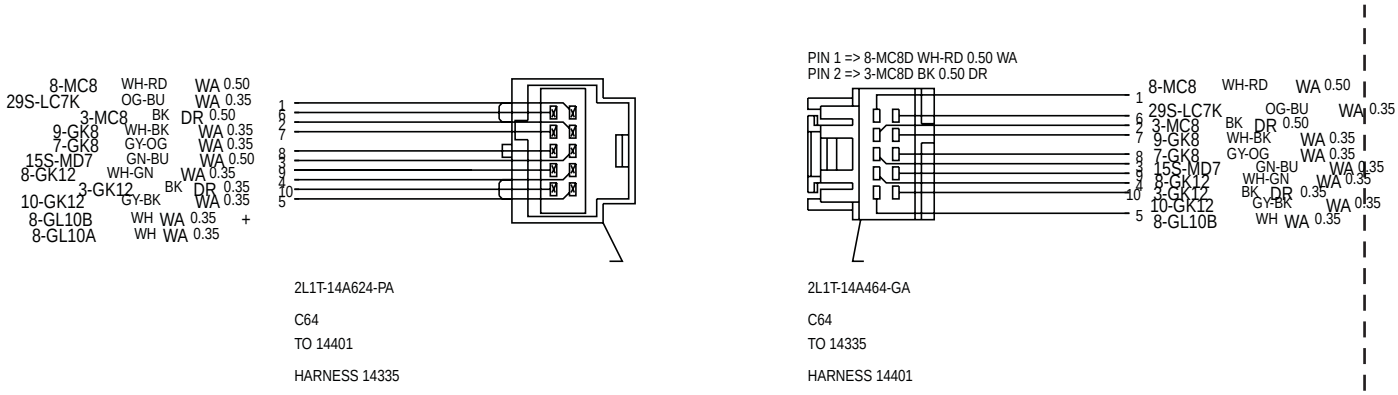

Part 1 of 2


E 0.35 WA + 31S-AA30 BK-YE 0.35 WA
0.75 WA + 15S-LG6 BK 0.75 WA
1 15S-HB19 GN-BU WA 2.5
10 31S-LB25A BK-BU WA 0.50
2 15S-LG9A GN-BK WA 1.0
11 31S-AA30 BK-YE WA 0.35 + 31S-AA30B BK-YE WA 0.35
3 31S-AA30D BK-YE WA 0.35 + 31S-AA30C BK-YE WA 0.35
12 32-AA27A WH-GN WA 0.50
4 32-AA27 WH-GN WA 0.50
13 31S-GL20A BK-RD WA 0.35
5 29S-LF21 OG-BK WA 0.50
14 31S-AB11A BK-WH WA 0.50
6 32-KA28 WH-RD WA 0.75
15
7 29-KA28 OG-BU WA 0.75
16
8 31S-GL20 BK-RD WA 0.35
17
9 15S-LG6B GN-YE WA 0.75
Part 2 of 2

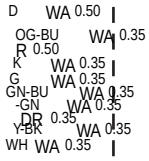
## In-Line Connector 64 (G1235649)

### Thumbnail



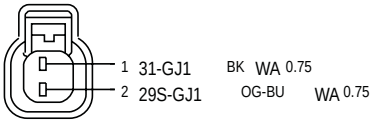




Part 1 of 2




Part 2 of 2

## In-Line Connector 77 (G1234881)




XR3T-14A464-AA

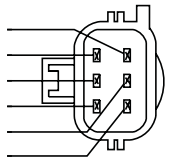
C77

TO HORN

HARNESS 14K733

## In-Line Connector 79 (G1235652)

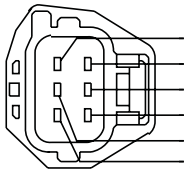
| | | | |
|---|---|---|---|
| 31-KA21 | BK | WK 1.5 | 6 |
| 91-GC8 | BK-OG | WA 0.50 | 3 |
| 32-KA34 | WH-BK | WA 0.75 | 2 |
| 15S-KA21 | GN-YE | WK 1.5 | 1 |
| 91S-GC8 | BK-OG | WA 0.50 | 5 |
| 33-KA34 | YE-BK | WA 0.75 | 4 |



XW4T-14A624-CAA

C79
TO F221050

HARNESS 14K733



| | | | |
|---|---|---|---|
| 6 | 31-KA21 | BK WA 2.5 | |
| 3 | 91-GC8 | BK-OG WA 0.50 | |
| 2 | 32-KA34 | WH-BK WA 0.75 | |
| 1 | 15S-KA21 | GN-YE WA 2.5 | |
| 5 | 91S-GC8 | BK-OG WA 0.50 | |
| 4 | 33-KA34 | YE-BK WA 0.75 | |

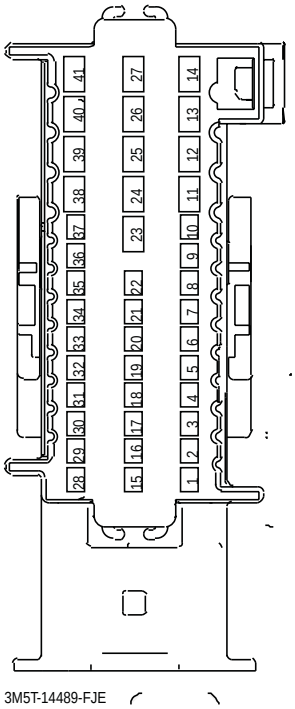
XW4T-14A464-DAA

C79
TO 14K733

HARNESS F221050

## In-Line Connector 90 (G1240761)

PIN 1 => 5-EC7H BU-RD 0.50 R2
PIN 4 => 31S-BB16 BK-RD 0.50 R2
PIN 6 => 91S-PG17 BK-BU 0.50 R2
PIN 8 => 15S-LG23 GN-WH 0.75 R2
PIN 9 => 91S-RH5 BK-BU 0.50 R2
PIN 10 => 15S-LG3 GN-YE 0.75 R2
PIN 11 => 50-BB12A GY 2.5 R2
PIN 12 => 15-RN2 GN-BU 1.5 R2
PIN 13 => 30-RE8 RD 0.50 R2
PIN 14 => 15-RR4 GN-BU 1.5 R2
PIN 15 => 4-EC7H GY-RD 0.50 R2
PIN 16 => 50-RE8 GN-BU 0.50 R2
PIN 18 => 15S-FA6 GN-YE 1.0 R2
PIN 21 => 91S-RH9 BK-BU 0.50 R2
PIN 24 => 49-RE31 BU-YE 0.75 R2
PIN 28 => 10-RJ30 GY 0.50 R2
PIN 37 => 15-RE17 GN-YE 0.50 R2
PIN 37 => 15-TA36 GN-BK 0.50 R2 + 15-RE17 GN-YE 0.50 R2
PIN 39 => 31-LG28 BK 0.75 R2
PIN 41 => 15-RE8 GN-BU 1.0 R2 + 15-RE8A GN-BU 1.0 R2
PIN 41 => 15-RE8A GN-BU 1.0 R2 + 15-RE8 GN-BU 1.0 R2



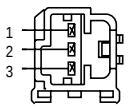
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 5-EC7D | BU-RD | WA 0.50 | | | | |
| 2 | 91S-RH15 | BK-YE | WA 0.50 | | | | |
| 3 | | | | | | | |
| 4 | 31S-BB16A | BK-RD | WA 0.50 | | | | |
| 5 | 15S-FA17 | GN-OG | R2 0.50 | | | | |
| 6 | 15S-PE8B | GN-RD | WK 0.75 | | | | |
| 7 | 91S-FC14 | BK-RD | R2 0.50 | | | | |
| 8 | 15S-LG23 | GN-WH | WA 0.75 | | | | |
| 9 | 91S-RH5 | BK-BU | WA 0.75 | | | | |
| 10 | 15-LG28A | GN-WH | WK 0.75 | | | | |
| 11 | 50-BB12 | GY | WK 1.5 | | | | |
| 12 | 15S-RL42 | GN-BU | WK 1.0 | + 15S-RL50 | GN-BU | WK 1.0 | |
| 13 | 30-RE8 | RD | WA 0.50 | | | | |
| 14 | 15-RN3 | GN-BU | WK 1.5 | | | | |
| 15 | 4-EC7D | GY-RD | WA 0.50 | | | | |
| 16 | 8-EE14 | WH-BU | WA 0.50 | | | | |
| 17 | 31S-FA11 | BK-YE | R2 0.50 | | | | |
| 18 | 15S-FA6 | GN-YE | WK 0.50 | | | | |
| 19 | 8-FA88 | WH-VT | R2 0.50 | | | | |
| 20 | 30-BA10 | RD | WK 0.75 | | | | |
| 21 | 91S-RH9B | BK-BU | WA 0.50 | | | | |
| 22 | 91S-LG45B | BK-GN | R2 0.50 | | | | |
| 23 | 30-TA36 | RD | R2 1.0 | | | | |
| 24 | 15S-RD15D | GN-OG | WK 2.5 | | | | |
| 25 | 15S-RD15C | GN-OG | WK 2.5 | | | | |
| 26 | 15S-RD15B | GN-OG | WK 2.5 | | | | |
| 27 | 15S-RD15A | GN-OG | WK 2.5 | | | | |
| 28 | 10-RJ30 | GY | WA 0.50 | | | | |
| 29 | 7-FA88 | YE-VT | R2 0.50 | | | | |
| 30 | 8-PF36 | WH-GN | R2 0.50 | | | | |
| 31 | 50-BB13 | GY-VT | R2 0.50 | | | | |
| 32 | 9-FA88 | BN-WH | R2 0.50 | | | | |
| 33 | 10-PF36 | GY-OG | R2 0.50 | | | | |
| 34 | 49-PA6 | BU | R2 0.50 | | | | |
| 35 | 15S-PF36 | GN-BK | R2 0.50 | | | | |
| 36 | 15-RN1 | GN-YE | R2 1.5 | | | | |
| 37 | 15-RE17 | GN-BU | WA 0.50 | | | | |
| 38 | | | | | | | |
| 39 | 15S-LG9A | GN-BK | WK 0.75 | | | | |
| 40 | 15-RJ14 | GN-YE | R2 1.0 | + 15-RJ15 | GN-BU | WE 1.0 | |
| 41 | 15-RE21A | GN-OG | WA 1.5 | | | | |

3M5T-14489-FJE

C90
TO ENGINE BAY INLINE

HARNESS 12A690

## In-Line Connector 91 (G1240762)




5W1T-14A624-AA

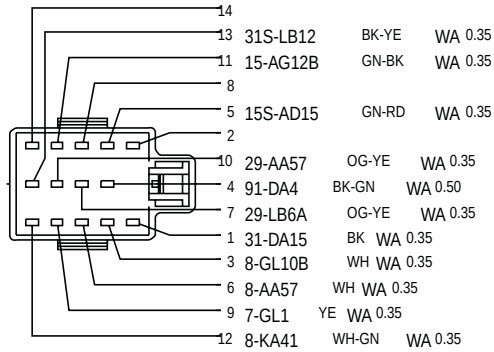
C91

TO ANTENNA AMPLIFIER

HARNESS 14335

## In-Line Connector 98 (G1240763)

PIN 7 => 29-LC7B OG-BU 0.35 WA
PIN 4 => 91-LC7A BK-BU 0.35 WA
PIN 11 => 15-AG12A GN-BK 0.35 WA



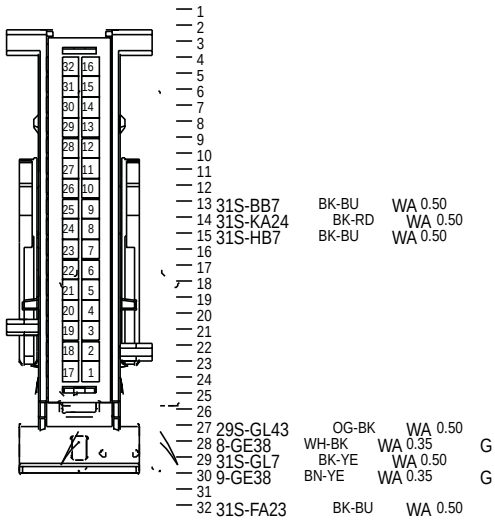

98AG-14489-TMB

C98

TO PJB

HARNESS 14335

## In-Line Connector 95 (G1235653)




3M5T-14489-ARC

C95

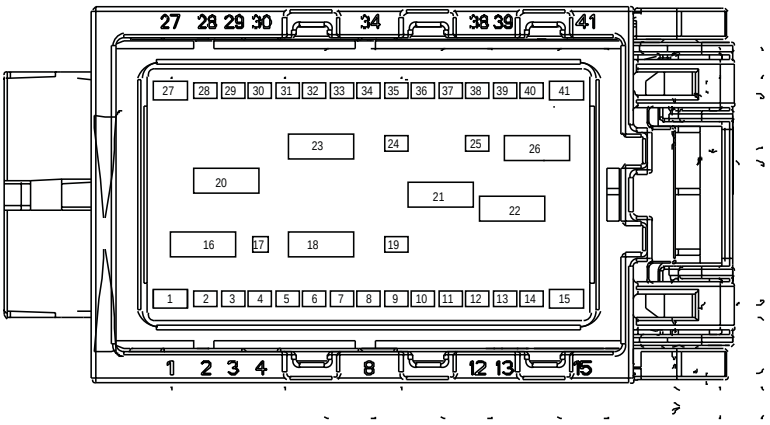
TO PJB

HARNESS 14K733

## In-Line Connector 96 (G1235654)

### Thumbnail

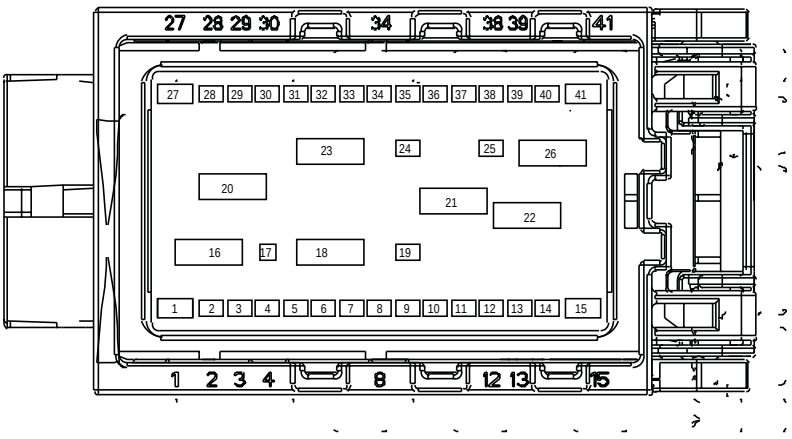
PIN 25 => 15S-LG9A GN-BK 0.75 WA
PIN 33 => 15-LG28A GN-WH 0.75 WA
PIN 39 => 91-DK20 BK-RD 1.5 WA




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 15S-LE8 | GN-RD | WA 0.75 | | | | |
| 2 | 15S-LE22 | GN-OG | WA 0.50 | | | | |
| 3 | 15S-LE15 | GN-BK | WA 0.50 | | | | |
| 4 | | | | | | | |
| 5 | 15-HB1 | GN-BU | WA 0.75 | | | | |
| 6 | 32-KA34 | WH-BK | WA 0.75 | | | | |
| 7 | 15S-LE23 | GN-WH | WA 0.75 | | | | |
| 8 | 15S-LE16 | GN-OG | WA 0.75 | | | | |
| 9 | 33-KA34 | YE-BK | WA 0.75 | | | | |
| 10 | | | | | | | |
| 11 | 31S-GC6 | BK-YE | WA 0.35 | | | | |
| 12 | 31S-KA9 | BK-OG | WA 0.50 | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | 30-GL43 | RD | WA 0.75 | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | 30-DA2 | RD | WA 6.0 | | | | |
| 21 | 15-DA3 | GN-RD | WA 4.0 | | | | |
| 22 | 30-DA1 | RD | WA 6.0 | | | | |
| 23 | 32-KA11 | WH-BK | WA 2.5 | | | | |
| 24 | | | | | | | |
| 25 | 15S-LG46 | GN-OG | WA 0.75 | | | | |
| 26 | 15S-LE8 | GN-RD | WA 0.75 | | | | |
| 27 | 15-DA6 | GN-WH | WA 1.5 | + 15-DA6A | GN-WH | WA 1.5 | |
| 28 | 29S-LF16 | OG-GN | WA 0.50 | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | 15S-LG23 | GN-WH | WA 0.75 | | | | |
| 32 | 49S-LG13 | BU-RD | WA 0.50 | | | | |
| 33 | 15-LG46 | GN-OG | WA 0.75 | | | | |
| 34 | 49S-LG20 | BU-WH | WA 0.50 | | | | |
| 35 | 29S-LF7 | OG-BU | WA 0.50 | | | | |
| 36 | 49S-LG18 | BU | WA 0.50 | | | | |
| 37 | 49S-LG11 | BU-OG | WA 0.50 | | | | |
| 38 | 15-RE17 | GN-BU | WA 0.50 | | | | |
| 39 | 91-DK20A | BK-RD | WA 1.0 | | | | |
| 40 | 31-KA9A | BK | WA 1.0 | | | | |
| 41 | 32-KA10 | WH-GN | WA 2.5 | | | | |

3M5T-14489-ZRC
C96
TO PJB
HARNESS 14K733

PIN 25 => 15S-LG9A GN-BK 0.75 WA
PIN 33 => 15-LG28A GN-WH 0.75 WA
PIN 39 => 91-DK20 BK-RD 1.5 WA



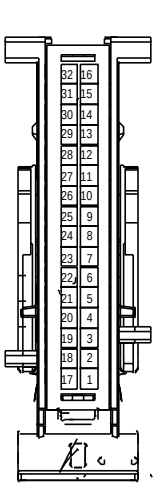

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 15S-LE8 | GN-RD | WA 0.75 | | | | |
| 2 | 15S-LE22 | GN-OG | WA 0.50 | | | | |
| 3 | 15S-LE15 | GN-BK | WA 0.50 | | | | |
| 4 | | | | | | | |
| 5 | 15-HB1 | GN-BU | WA 0.75 | | | | |
| 6 | 32-KA34 | WH-BK | WA 0.75 | | | | |
| 7 | 15S-LE23 | GN-WH | WA 0.75 | | | | |
| 8 | 15S-LE16 | GN-OG | WA 0.75 | | | | |
| 9 | 33-KA34 | YE-BK | WA 0.75 | | | | |
| 10 | | | | | | | |
| 11 | 31S-GC6 | BK-YE | WA 0.35 | | | | |
| 12 | 31S-KA9 | BK-OG | WA 0.50 | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | 30-GL43 | RD | WA 0.75 | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | 30-DA2 | RD | WA 6.0 | | | | |
| 21 | 15-DA3 | GN-RD | WA 4.0 | | | | |
| 22 | 30-DA1 | RD | WA 6.0 | | | | |
| 23 | 32-KA11 | WH-BK | WA 2.5 | | | | |
| 24 | | | | | | | |
| 25 | 15S-LG46 | GN-OG | WA 0.75 | | | | |
| 26 | 15S-LE8 | GN-RD | WA 0.75 | | | | |
| 27 | 15-DA6 | GN-WH | WA 1.5 | + 15-DA6A | GN-WH | WA 1.5 | |
| 28 | 29S-LF16 | OG-GN | WA 0.50 | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | 15S-LG23 | GN-WH | WA 0.75 | | | | |
| 32 | 49S-LG13 | BU-RD | WA 0.50 | | | | |
| 33 | 15-LG46 | GN-OG | WA 0.75 | | | | |
| 34 | 49S-LG20 | BU-WH | WA 0.50 | | | | |
| 35 | 29S-LF7 | OG-BU | WA 0.50 | | | | |
| 36 | 49S-LG18 | BU | WA 0.50 | | | | |
| 37 | 49S-LG11 | BU-OG | WA 0.50 | | | | |
| 38 | 15-RE17 | GN-BU | WA 0.50 | | | | |
| 39 | 91-DK20A | BK-RD | WA 1.0 | | | | |
| 40 | 31-KA9A | BK | WA 1.0 | | | | |
| 41 | 32-KA10 | WH-GN | WA 2.5 | | | | |

3M5T-14489-ZRC
C96
TO PJB
HARNESS 14K733

WA 1.5

Part 2 of 2

## In-Line Connector 99 (G1234882)

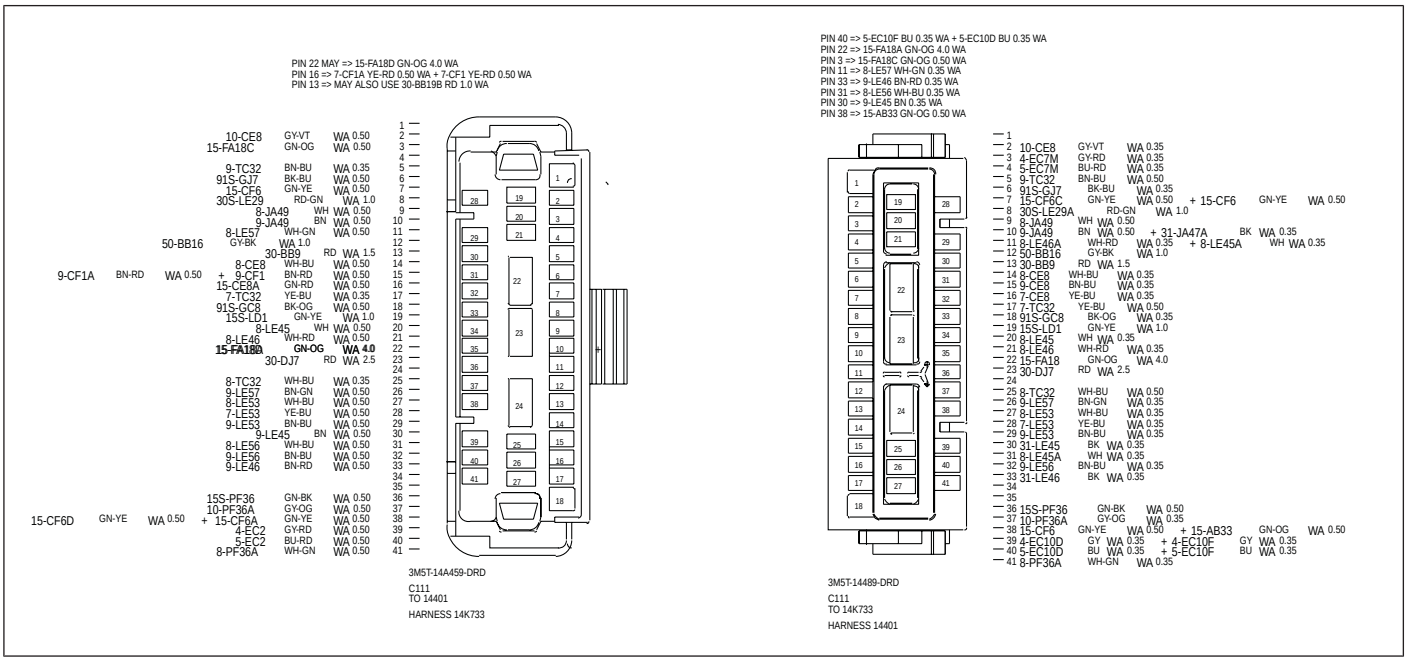


| | | | | |
|---|---|---|---|---|
| 8 | 31S-GL20A | BK-RD | WA | 0.35 |
| 9 | 31S-GL16A | BK-BU | WA | 0.35 |
| 10 | 31S-GL19 | BK-GN | WA | 0.35 |
| 11 | 31S-GL12 | BK-OG | WA | 0.35 |
| 12 | 31S-GL9A | BK-YE | WA | 0.35 |
| 16 | 5-EC10Z | BU | WA | 0.35 |
| 24 | 31S-AA30D | BK-YE | WA | 0.35 |
| 25 | 8-AB22A | WH-GN | WA | 0.35 |
| 26 | 31S-GL20 | BK-RD | WA | 0.35 |
| 30 | 31S-AA30 | BK-YE | WA | 0.35 |
| 32 | 4-EC10Z | GY | WA | 0.35 |

3M5T-14489-BPC
C99
TO PJB
HARNESS 14014

## In-Line Connector 111 (G1240764)

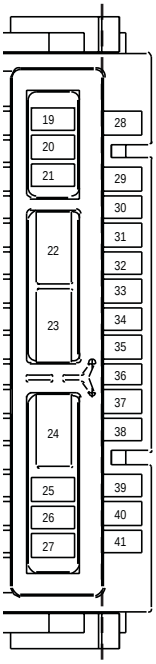
### Thumbnail




PIN 22 MAY => 15-FA18D GN-OG 4.0 WA
PIN 16 => 7-CF1A YE-RD 0.50 WA + 7-CF1 YE-RD 0.50 WA
PIN 13 => MAY ALSO USE 30-BB19B RD 1.0 WA
10-CE8 GY-VT WA 0.50
15-FA18C GN-OG WA 0.50
9-TC32 BN-BU WA 0.35
91S-GJ7 BK-BU WA 0.50
15-CF6 GN-YE WA 0.50
30S-LE29 RD-GN WA 1.0
8-JA49 WH WA 0.50
9-JA49 BN WA 0.50
8-LE57 WH-GN WA 0.50
50-BB16 GY-BK WA 1.0
30-BB9 RD WA 1.5
9-CF1A BN-RD WA 0.50 + 9-CF1 BN-RD WA 0.50
8-CE8 WH-BU WA 0.50
15-CE8A GN-RD WA 0.50
7-TC32 YE-BU WA 0.35
91S-GC8 BK-OG WA 0.50
15S-LD1 GN-YE WA 1.0
8-LE45 WH WA 0.50
8-LE46 WH-RD WA 0.50
15-FA18D GN-OG WA 4.0
30-DJ7 RD WA 2.5
8-TC32 WH-BU WA 0.35
9-LE57 BN-GN WA 0.50
8-LE53 WH-BU WA 0.50
7-LE53 YE-BU WA 0.50
9-LE53 BN-BU WA 0.50
9-LE45 BN WA 0.50
8-LE56 WH-BU WA 0.50
9-LE56 BN-BU WA 0.50
9-LE46 BN-RD WA 0.50
15S-PF36 GN-BK WA 0.50
10-PF36A GY-OG WA 0.50
15-CF6D GN-YE WA 0.50 + 15-CF6A GN-YE WA 0.50
4-EC2 GY-RD WA 0.50
5-EC2 BU-RD WA 0.50
8-PF36A WH-GN WA 0.50
3M5T-14A459-DRD
C111
TO 14401
HARNESS 14K733
PIN 40 => 5-EC10F BU 0.35 WA + 5-EC10D
PIN 22 => 15-FA18A GN-OG 4.0 WA
PIN 3 => 15-FA18C GN-OG 0.50 WA
PIN 11 => 8-LE57 WH-GN 0.35 WA
PIN 33 => 9-LE46 BN-RD 0.35 WA
PIN 31 => 8-LE56 WH-BU 0.35 WA
PIN 30 => 9-LE45 BN 0.35 WA
PIN 38 => 15-AB33 GN-OG 0.50 WA
3M5T-14489-DRD
C111
TO 14K733
HARNESS 14401

Part 1 of 2

-EC10F BU 0.35 WA + 5-EC10D BU 0.35 WA
5-FA18A GN-OG 4.0 WA
-FA18C GN-OG 0.50 WA
-LE57 WH-GN 0.35 WA
-LE46 BN-RD 0.35 WA
-LE56 WH-BU 0.35 WA
-LE45 BN 0.35 WA
5-AB33 GN-OG 0.50 WA




| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | |
| 2 | 10-CE8 | GY-VT | WA 0.35 | | | | | | |
| 3 | 4-EC7M | GY-RD | WA 0.35 | | | | | | |
| 4 | 5-EC7M | BU-RD | WA 0.35 | | | | | | |
| 5 | 9-TC32 | BN-BU | WA 0.50 | | | | | | |
| 6 | 91S-GJ7 | BK-BU | WA 0.35 | | | | | | |
| 7 | 15-CF6C | GN-YE | WA 0.50 | + | 15-CF6 | GN-YE | WA 0.50 | | |
| 8 | 30S-LE29A | RD-GN | WA 1.0 | | | | | | |
| 9 | 8-JA49 | WH | WA 0.50 | | | | | | |
| 10 | 9-JA49 | BN | WA 0.50 | + | 31-JA47A | BK | WA 0.35 | | |
| 11 | 8-LE46A | WH-RD | WA 0.35 | + | 8-LE45A | WH | WA 0.35 | | |
| 12 | 50-BB16 | GY-BK | WA 1.0 | | | | | | |
| 13 | 30-BB9 | RD | WA 1.5 | | | | | | |
| 14 | 8-CE8 | WH-BU | WA 0.35 | | | | | | |
| 15 | 9-CE8 | BN-BU | WA 0.35 | | | | | | |
| 16 | 7-CE8 | YE-BU | WA 0.35 | | | | | | |
| 17 | 7-TC32 | YE-BU | WA 0.50 | | | | | | |
| 18 | 91S-GC8 | BK-OG | WA 0.35 | | | | | | |
| 19 | 15S-LD1 | GN-YE | WA 1.0 | | | | | | |
| 20 | 8-LE45 | WH | WA 0.35 | | | | | | |
| 21 | 8-LE46 | WH-RD | WA 0.35 | | | | | | |
| 22 | 15-FA18 | GN-OG | WA 4.0 | | | | | | |
| 23 | 30-DJ7 | RD | WA 2.5 | | | | | | |
| 24 | | | | | | | | | |
| 25 | 8-TC32 | WH-BU | WA 0.50 | | | | | | |
| 26 | 9-LE57 | BN-GN | WA 0.35 | | | | | | |
| 27 | 8-LE53 | WH-BU | WA 0.35 | | | | | | |
| 28 | 7-LE53 | YE-BU | WA 0.35 | | | | | | |
| 29 | 9-LE53 | BN-BU | WA 0.35 | | | | | | |
| 30 | 31-LE45 | BK | WA 0.35 | | | | | | |
| 31 | 8-LE45A | WH | WA 0.35 | | | | | | |
| 32 | 9-LE56 | BN-BU | WA 0.35 | | | | | | |
| 33 | 31-LE46 | BK | WA 0.35 | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | 15S-PF36 | GN-BK | WA 0.50 | | | | | | |
| 37 | 10-PF36A | GY-OG | WA 0.35 | | | | | | |
| 38 | 15-CF6 | GN-YE | WA 0.50 | + | 15-AB33 | GN-OG | WA 0.50 | | |
| 39 | 4-EC10D | GY | WA 0.35 | + | 4-EC10F | GY | WA 0.35 | | |
| 40 | 5-EC10D | BU | WA 0.35 | + | 5-EC10F | BU | WA 0.35 | | |
| 41 | 8-PF36A | WH-GN | WA 0.35 | | | | | | |

89-DRD

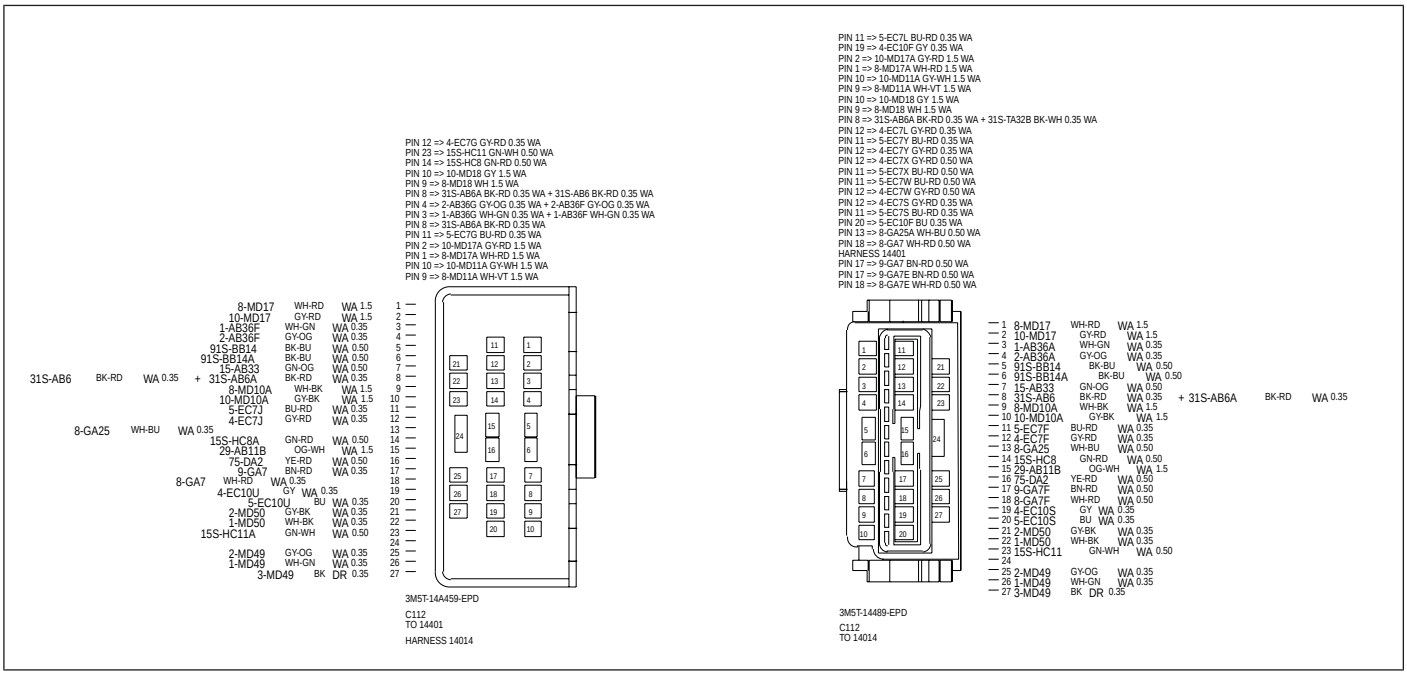
3

S 14401

Part 2 of 2

## In-Line Connector 112 (G1240765)

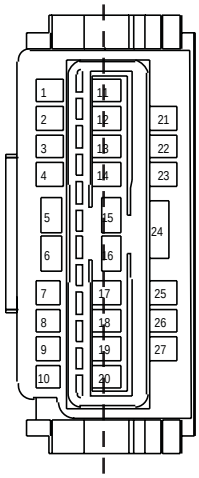
### Thumbnail




PIN 12 => 4-EC7G GY-RD 0.35 WA
PIN 23 => 15S-HC11 GN-WH 0.50 WA
PIN 14 => 15S-HC8 GN-RD 0.50 WA
PIN 10 => 10-MD18 GY 1.5 WA
PIN 9 => 8-MD18 WH 1.5 WA
PIN 8 => 31S-AB6A BK-RD 0.35 WA + 31S-AB6 BK-RD 0.35 WA
PIN 4 => 2-AB36G GY-OG 0.35 WA + 2-AB36F GY-OG 0.35 WA
PIN 3 => 1-AB36G WH-GN 0.35 WA + 1-AB36F WH-GN 0.35 WA
PIN 8 => 31S-AB6A BK-RD 0.35 WA
PIN 11 => 5-EC7G BU-RD 0.35 WA
PIN 2 => 10-MD17A GY-RD 1.5 WA
PIN 1 => 8-MD17A WH-RD 1.5 WA
PIN 10 => 10-MD11A GY-WH 1.5 WA
PIN 9 => 8-MD11A WH-VT 1.5 WA
8-MD17 WH-RD WA 1.5
10-MD17 GY-RD WA 1.5
1-AB36F WH-GN WA 0.35
2-AB36F GY-OG WA 0.35
91S-BB14 BK-BU WA 0.50
91S-BB14A BK-BU WA 0.50
15-AB33 GN-OG WA 0.50
31S-AB6 BK-RD WA 0.35 + 31S-AB6A BK-RD WA 0.35
8-MD10A WH-BK WA 1.5
10-MD10A GY-BK WA 1.5
5-EC7J BU-RD WA 0.35
4-EC7J GY-RD WA 0.35
8-GA25 WH-BU WA 0.35
15S-HC8A GN-RD WA 0.50
29-AB11B OG-WH WA 1.5
75-DA2 YE-RD WA 0.50
9-GA7 BN-RD WA 0.35
8-GA7 WH-RD WA 0.35
4-EC10U GY WA 0.35
5-EC10U BU WA 0.35
2-MD50 GY-BK WA 0.35
1-MD50 WH-BK WA 0.35
15S-HC11A GN-WH WA 0.50
2-MD49 GY-OG WA 0.35
1-MD49 WH-GN WA 0.35
3-MD49 BK DR 0.35
3M5T-14A459-EPD
C112
TO 14401
HARNESS 14014
PIN 11 => 5-EC7L BU-RD 0.35 W
PIN 19 => 4-EC10F GY 0.35 WA
PIN 2 => 10-MD17A GY-RD 1.5 W
PIN 1 => 8-MD17A WH-RD 1.5 W
PIN 10 => 10-MD11A GY-WH 1.5
PIN 9 => 8-MD11A WH-VT 1.5 W
PIN 10 => 10-MD18 GY 1.5 WA
PIN 9 => 8-MD18 WH 1.5 WA
PIN 8 => 31S-AB6A BK-RD 0.35
PIN 12 => 4-EC7L GY-RD 0.35 W
PIN 11 => 5-EC7Y BU-RD 0.35 W
PIN 12 => 4-EC7Y GY-RD 0.35 W
PIN 12 => 4-EC7X GY-RD 0.50 W
PIN 11 => 5-EC7X BU-RD 0.50 W
PIN 11 => 5-EC7W BU-RD 0.50
PIN 12 => 4-EC7W GY-RD 0.50
PIN 12 => 4-EC7S GY-RD 0.35 W
PIN 11 => 5-EC7S BU-RD 0.35 W
PIN 20 => 5-EC10F BU 0.35 WA
PIN 13 => 8-GA25A WH-BU 0.50
PIN 18 => 8-GA7 WH-RD 0.50 W
HARNESS 14401
PIN 17 => 9-GA7 BN-RD 0.50 W
PIN 17 => 9-GA7E BN-RD 0.50 W
PIN 18 => 8-GA7E WH-RD 0.50
3M5T-14489-EPD
C112
TO 14014

Part 1 of 2

PIN 11 => 5-EC7L BU-RD 0.35 WA
PIN 19 => 4-EC10F GY 0.35 WA
PIN 2 => 10-MD17A GY-RD 1.5 WA
PIN 1 => 8-MD17A WH-RD 1.5 WA
PIN 10 => 10-MD11A GY-WH 1.5 WA
PIN 9 => 8-MD11A WH-VT 1.5 WA
PIN 10 => 10-MD18 GY 1.5 WA
PIN 9 => 8-MD18 WH 1.5 WA
PIN 8 => 31S-AB6A BK-RD 0.35 WA + 31S-TA32B BK-WH 0.35 WA
PIN 12 => 4-EC7L GY-RD 0.35 WA
PIN 11 => 5-EC7Y BU-RD 0.35 WA
PIN 12 => 4-EC7Y GY-RD 0.35 WA
PIN 12 => 4-EC7X GY-RD 0.50 WA
PIN 11 => 5-EC7X BU-RD 0.50 WA
PIN 11 => 5-EC7W BU-RD 0.50 WA
PIN 12 => 4-EC7W GY-RD 0.50 WA
PIN 12 => 4-EC7S GY-RD 0.35 WA
PIN 11 => 5-EC7S BU-RD 0.35 WA
PIN 20 => 5-EC10F BU 0.35 WA
PIN 13 => 8-GA25A WH-BU 0.50 WA
PIN 18 => 8-GA7 WH-RD 0.50 WA
HARNESS 14401
PIN 17 => 9-GA7 BN-RD 0.50 WA
PIN 17 => 9-GA7E BN-RD 0.50 WA
PIN 18 => 8-GA7E WH-RD 0.50 WA



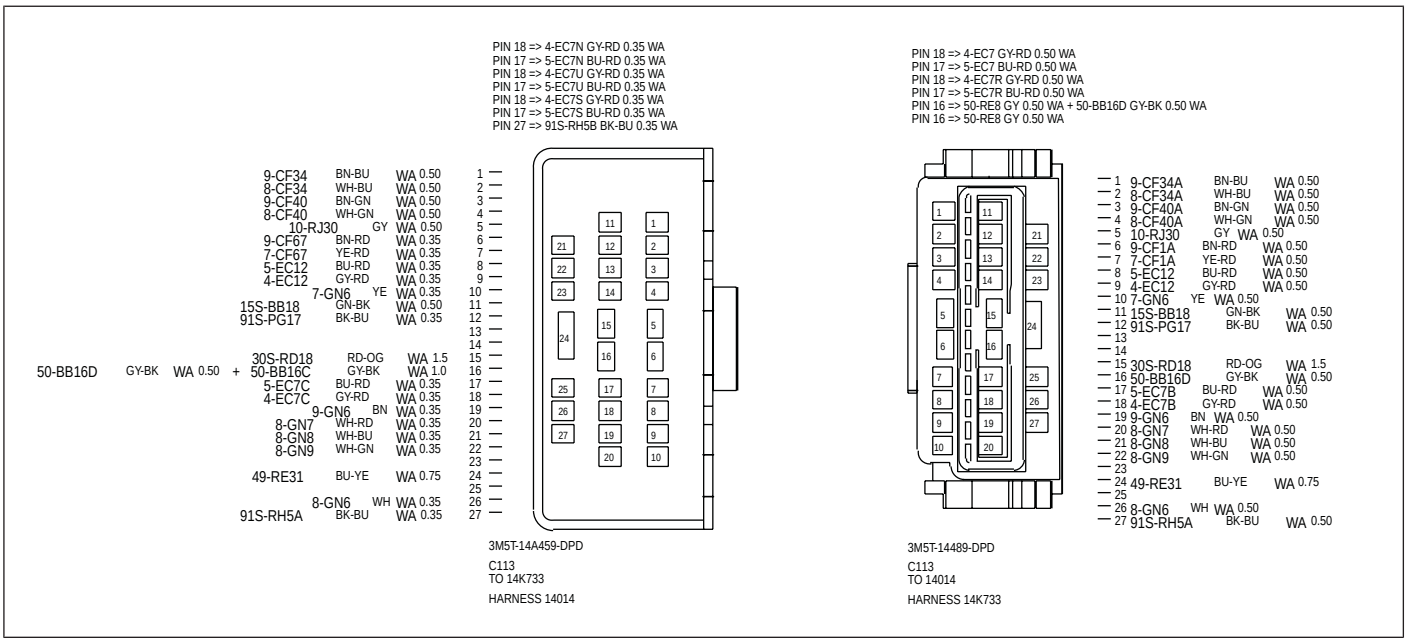

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 8-MD17 | WH-RD | WA | 1.5 | | | |
| 2 | 10-MD17 | GY-RD | WA | 1.5 | | | |
| 3 | 1-AB36A | WH-GN | WA | 0.35 | | | |
| 4 | 2-AB36A | GY-OG | WA | 0.35 | | | |
| 5 | 91S-BB14 | BK-BU | WA | 0.50 | | | |
| 6 | 91S-BB14A | BK-BU | WA | 0.50 | | | |
| 7 | 15-AB33 | GN-OG | WA | 0.50 | | | |
| 8 | 31S-AB6 | BK-RD | WA | 0.35 | + 31S-AB6A | BK-RD | WA 0.35 |
| 9 | 8-MD10A | WH-BK | WA | 1.5 | | | |
| 10 | 10-MD10A | GY-BK | WA | 1.5 | | | |
| 11 | 5-EC7F | BU-RD | WA | 0.35 | | | |
| 12 | 4-EC7F | GY-RD | WA | 0.35 | | | |
| 13 | 8-GA25 | WH-BU | WA | 0.50 | | | |
| 14 | 15S-HC8 | GN-RD | WA | 0.50 | | | |
| 15 | 29-AB11B | OG-WH | WA | 1.5 | | | |
| 16 | 75-DA2 | YE-RD | WA | 0.50 | | | |
| 17 | 9-GA7F | BN-RD | WA | 0.50 | | | |
| 18 | 8-GA7F | WH-RD | WA | 0.50 | | | |
| 19 | 4-EC10S | GY | WA | 0.35 | | | |
| 20 | 5-EC10S | BU | WA | 0.35 | | | |
| 21 | 2-MD50 | GY-BK | WA | 0.35 | | | |
| 22 | 1-MD50 | WH-BK | WA | 0.35 | | | |
| 23 | 15S-HC11 | GN-WH | WA | 0.50 | | | |
| 24 | | | | | | | |
| 25 | 2-MD49 | GY-OG | WA | 0.35 | | | |
| 26 | 1-MD49 | WH-GN | WA | 0.35 | | | |
| 27 | 3-MD49 | BK | DR | 0.35 | | | |

3M5T-14489-EPD
C112
TO 14014

Part 2 of 2

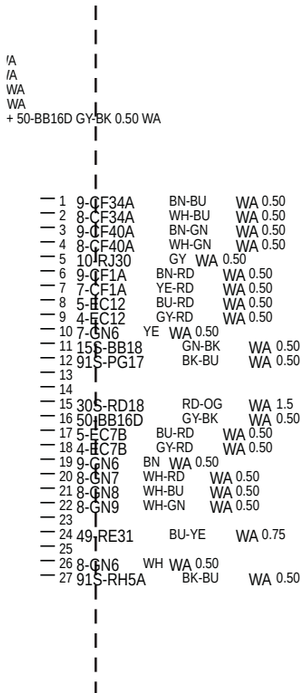
## In-Line Connector 113 (G1240766)

### Thumbnail




PIN 18 => 4-EC7N GY-RD 0.35 WA
PIN 17 => 5-EC7N BU-RD 0.35 WA
PIN 18 => 4-EC7U GY-RD 0.35 WA
PIN 17 => 5-EC7U BU-RD 0.35 WA
PIN 18 => 4-EC7S GY-RD 0.35 WA
PIN 17 => 5-EC7S BU-RD 0.35 WA
PIN 27 => 91S-RH5B BK-BU 0.35 WA
9-CF34 BN-BU WA 0.50 1
8-CF34 WH-BU WA 0.50 2
9-CF40 BN-GN WA 0.50 3
8-CF40 WH-GN WA 0.50 4
10-RJ30 GY WA 0.50 5
9-CF67 BN-RD WA 0.35 6
7-CF67 YE-RD WA 0.35 7
5-EC12 BU-RD WA 0.35 8
4-EC12 GY-RD WA 0.35 9
7-GN6 YE WA 0.35 10
15S-BB18 GN-BK WA 0.50 11
91S-PG17 BK-BU WA 0.35 12
13
14
30S-RD18 RD-OG WA 1.5 15
50-BB16D GY-BK WA 0.50 + 50-BB16C GY-BK WA 1.0 16
5-EC7C BU-RD WA 0.35 17
4-EC7C GY-RD WA 0.35 18
9-GN6 BN WA 0.35 19
8-GN7 WH-RD WA 0.35 20
8-GN8 WH-BU WA 0.35 21
8-GN9 WH-GN WA 0.35 22
23
49-RE31 BU-YE WA 0.75 24
25
8-GN6 WH WA 0.35 26
91S-RH5A BK-BU WA 0.35 27
3M5T-14A459-DPD
C113
TO 14K733
HARNESS 14014
PIN 18 => 4-EC7 GY-RD 0.50 WA
PIN 17 => 5-EC7 BU-RD 0.50 WA
PIN 18 => 4-EC7R GY-RD 0.50 WA
PIN 17 => 5-EC7R BU-RD 0.50 WA
PIN 16 => 50-RE8 GY 0.50 WA + 50-BB16D GY-BK 0.50 WA
PIN 16 => 50-RE8 GY 0.50 WA
1 9-CF34A BN-BU WA 0.50
2 8-CF34A WH-BU WA 0.50
3 9-CF40A BN-GN WA 0.50
4 8-CF40A WH-GN WA 0.50
5 10-RJ30 GY WA 0.50
6 9-CF1A BN-RD WA 0.50
7 7-CF1A YE-RD WA 0.50
8 5-EC12 BU-RD WA 0.50
9 4-EC12 GY-RD WA 0.50
10 7-GN6 YE WA 0.50
11 15S-BB18 GN-BK WA 0.50
12 91S-PG17 BK-BU WA 0.50
13
14
15 30S-RD18 RD-OG WA 1.5
16 50-BB16D GY-BK WA 0.50
17 5-EC7B BU-RD WA 0.50
18 4-EC7B GY-RD WA 0.50
19 9-GN6 BN WA 0.50
20 8-GN7 WH-RD WA 0.50
21 8-GN8 WH-BU WA 0.50
22 8-GN9 WH-GN WA 0.50
23
24 49-RE31 BU-YE WA 0.75
25
26 8-GN6 WH WA 0.50
27 91S-RH5A BK-BU WA 0.50
3M5T-14489-DPD
C113
TO 14014
HARNESS 14K733

Part 1 of 2




Part 2 of 2

## In-Line Connector 114 (G1240767)




91AG-14A464-BBC

C114

TO KEYLESS GO DIODE

HARNESS 14K733

## In-Line Connector 115 (G1240768)



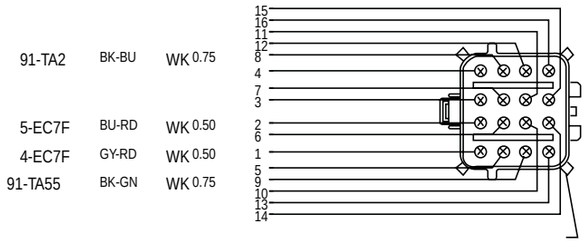

91AG-14489-BBC

C115

TO KEYLESS GO DIODE

HARNESS 14401

## In-Line Connector 117 (G1240769)




F2AB-14A624-BA

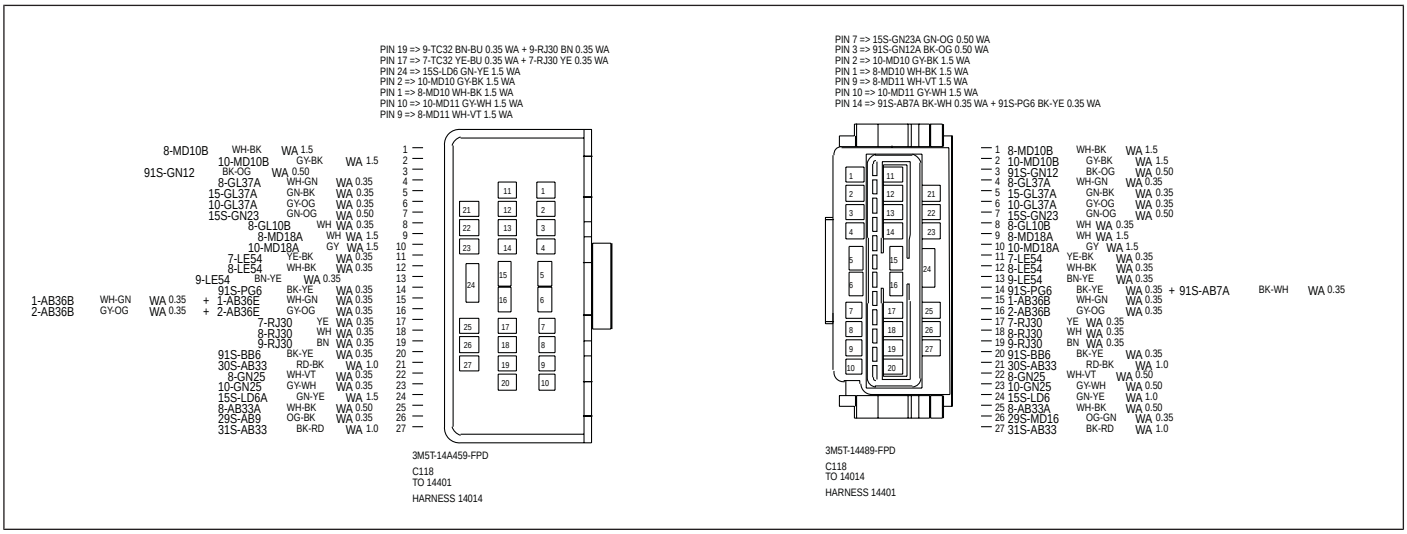
C117

TO TCM INLINE

HARNESS 14K039

## In-Line Connector 118 (G1240770)

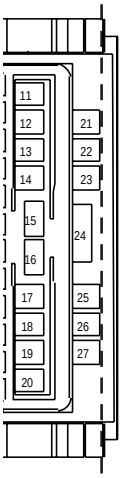
### Thumbnail




PIN 19 => 9-TC32 BN-BU 0.35 WA + 9-RJ30 BN 0.35 WA
PIN 17 => 7-TC32 YE-BU 0.35 WA + 7-RJ30 YE 0.35 WA
PIN 24 => 15S-LD6 GN-YE 1.5 WA
PIN 2 => 10-MD10 GY-BK 1.5 WA
PIN 1 => 8-MD10 WH-BK 1.5 WA
PIN 10 => 10-MD11 GY-WH 1.5 WA
PIN 9 => 8-MD11 WH-VT 1.5 WA
8-MD10B WH-BK WA 1.5 1
10-MD10B GY-BK WA 1.5 2
91S-GN12 BK-OG WA 0.50 3
8-GL37A WH-GN WA 0.35 4
15-GL37A GN-BK WA 0.35 5
10-GL37A GY-OG WA 0.35 6
15S-GN23 GN-OG WA 0.50 7
8-GL10B WH WA 0.35 8
8-MD18A WH WA 1.5 9
10-MD18A GY WA 1.5 10
7-LE54 YE-BK WA 0.35 11
8-LE54 WH-BK WA 0.35 12
9-LE54 BN-YE WA 0.35 13
91S-PG6 BK-YE WA 0.35 14
1-AB36B WH-GN WA 0.35 + 1-AB36E WH-GN WA 0.35 15
2-AB36B GY-OG WA 0.35 + 2-AB36E GY-OG WA 0.35 16
7-RJ30 YE WA 0.35 17
8-RJ30 WH WA 0.35 18
9-RJ30 BN WA 0.35 19
91S-BB6 BK-YE WA 0.35 20
30S-AB33 RD-BK WA 1.0 21
8-GN25 WH-VT WA 0.35 22
10-GN25 GY-WH WA 0.35 23
15S-LD6A GN-YE WA 1.5 24
8-AB33A WH-BK WA 0.50 25
29S-AB9 OG-BK WA 0.35 26
31S-AB33 BK-RD WA 1.0 27
3M5T-14A459-FPD
C118
TO 14401
HARNESS 14014
PIN 7 => 15S-GN23A GN-OG 0.50 WA
PIN 3 => 91S-GN12A BK-OG 0.50 WA
PIN 2 => 10-MD10 GY-BK 1.5 WA
PIN 1 => 8-MD10 WH-BK 1.5 WA
PIN 9 => 8-MD11 WH-VT 1.5 WA
PIN 10 => 10-MD11 GY-WH 1.5 WA
PIN 14 => 91S-AB7A BK-WH 0.35 WA + 9
3M5T-14489-FPD
C118
TO 14014
HARNESS 14401

Part 1 of 2

15S-GN23A GN-OG 0.50 WA
91S-GN12A BK-OG 0.50 WA
10-MD10 GY-BK 1.5 WA
8-MD10 WH-BK 1.5 WA
8-MD11 WH-VT 1.5 WA
10-MD11 GY-WH 1.5 WA
91S-AB7A BK-WH 0.35 WA + 91S-PG6 BK-YE 0.35 WA




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 8-MD10B | WH-BK | WA 1.5 | | | | |
| 2 | 10-MD10B | GY-BK | WA 1.5 | | | | |
| 3 | 91S-GN12 | BK-OG | WA 0.50 | | | | |
| 4 | 8-GL37A | WH-GN | WA 0.35 | | | | |
| 5 | 15-GL37A | GN-BK | WA 0.35 | | | | |
| 6 | 10-GL37A | GY-OG | WA 0.35 | | | | |
| 7 | 15S-GN23 | GN-OG | WA 0.50 | | | | |
| 8 | 8-GL10B | WH | WA 0.35 | | | | |
| 9 | 8-MD18A | WH | WA 1.5 | | | | |
| 10 | 10-MD18A | GY | WA 1.5 | | | | |
| 11 | 7-LE54 | YE-BK | WA 0.35 | | | | |
| 12 | 8-LE54 | WH-BK | WA 0.35 | | | | |
| 13 | 9-LE54 | BN-YE | WA 0.35 | | | | |
| 14 | 91S-PG6 | BK-YE | WA 0.35 | + 91S-AB7A | BK-WH | WA 0.35 | |
| 15 | 1-AB36B | WH-GN | WA 0.35 | | | | |
| 16 | 2-AB36B | GY-OG | WA 0.35 | | | | |
| 17 | 7-RJ30 | YE | WA 0.35 | | | | |
| 18 | 8-RJ30 | WH | WA 0.35 | | | | |
| 19 | 9-RJ30 | BN | WA 0.35 | | | | |
| 20 | 91S-BB6 | BK-YE | WA 0.35 | | | | |
| 21 | 30S-AB33 | RD-BK | WA 1.0 | | | | |
| 22 | 8-GN25 | WH-VT | WA 0.50 | | | | |
| 23 | 10-GN25 | GY-WH | WA 0.50 | | | | |
| 24 | 15S-LD6 | GN-YE | WA 1.0 | | | | |
| 25 | 8-AB33A | WH-BK | WA 0.50 | | | | |
| 26 | 29S-MD16 | OG-GN | WA 0.35 | | | | |
| 27 | 31S-AB33 | BK-RD | WA 1.0 | | | | |

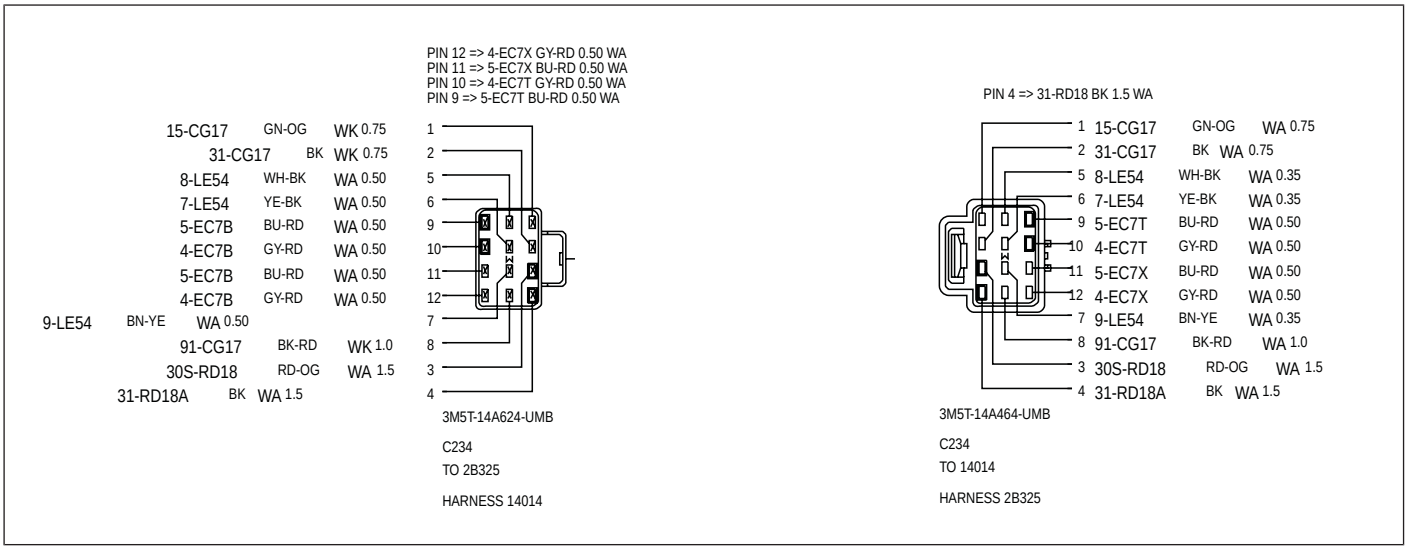
-FPD

4401

Part 2 of 2

## In-Line Connector 234 (G1235632)

### Thumbnail




PIN 12 => 4-EC7X GY-RD 0.50 WA
PIN 11 => 5-EC7X BU-RD 0.50 WA
PIN 10 => 4-EC7T GY-RD 0.50 WA
PIN 9 => 5-EC7T BU-RD 0.50 WA
15-CG17 GN-OG WK 0.75 1
31-CG17 BK WK 0.75 2
8-LE54 WH-BK WA 0.50 5
7-LE54 YE-BK WA 0.50 6
5-EC7B BU-RD WA 0.50 9
4-EC7B GY-RD WA 0.50 10
5-EC7B BU-RD WA 0.50 11
4-EC7B GY-RD WA 0.50 12
9-LE54 BN-YE WA 0.50 7
91-CG17 BK-RD WK 1.0 8
30S-RD18 RD-OG WA 1.5 3
31-RD18A BK WA 1.5 4
3M5T-14A624-UMB
C234
TO 2B325
HARNESS 14014
PIN 4 => 31-RD18 BK 1.5 WA
1 15-CG17 GN-OG WA 0.75
2 31-CG17 BK WA 0.75
5 8-LE54 WH-BK WA 0.35
6 7-LE54 YE-BK WA 0.35
9 5-EC7T BU-RD WA 0.50
10 4-EC7T GY-RD WA 0.50
11 5-EC7X BU-RD WA 0.50
12 4-EC7X GY-RD WA 0.50
7 9-LE54 BN-YE WA 0.35
8 91-CG17 BK-RD WA 1.0
3 30S-RD18 RD-OG WA 1.5
4 31-RD18A BK WA 1.5
3M5T-14A464-UMB
C234
TO 14014
HARNESS 2B325

Part 1 of 2

WA 0.75
A 0.75
WA 0.35
WA 0.35
WA 0.50
WA 0.50
WA 0.50
WA 0.50
WA 0.35
WA 1.0
G WA 1.5
WA 1.5

Part 2 of 2

## In-Line Connector 235 (G1235633)

| | | | | |
|---|---|---|---|---|
| 9-CF40 | BN | WX 0.50 | 1 | |
| 8-CF40 | WH | WX 0.50 | 2 | |



89FG-14A624-ABB

C235
TO 2B325

HARNESS 14014



| | | | | |
|---|---|---|---|---|
| 1 | 9-CF40 | BN-GN | WA 0.50 | |
| 2 | 8-CF40 | WH-GN | WA 0.50 | |

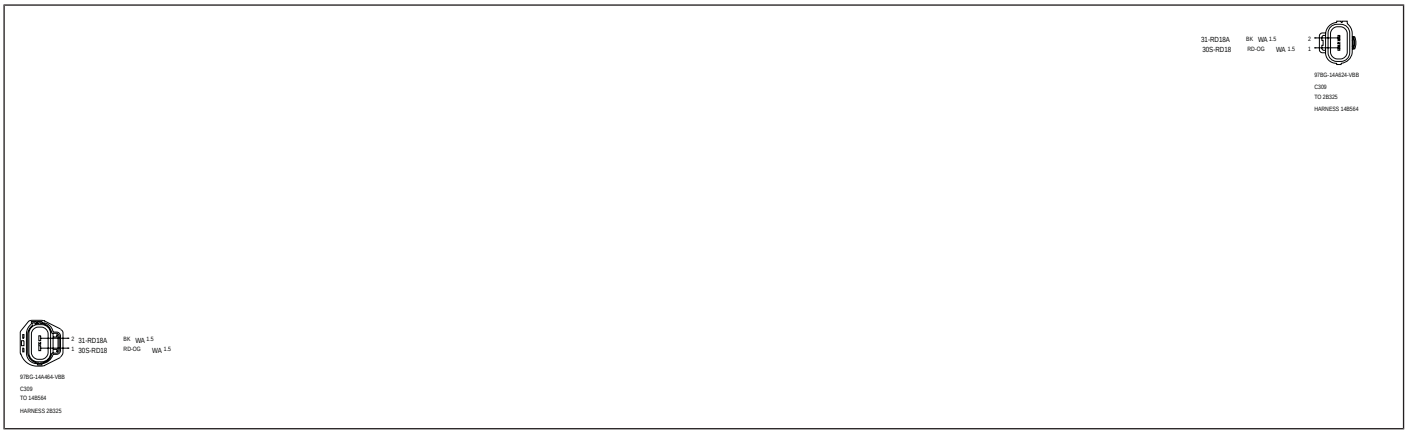
91AG-14A464-BBC

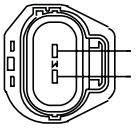
C235
TO 14014

HARNESS 2B325

In-Line Connector 309 (G1235635)

Thumbnail



2 31-RD18A BK WA 1.5
1 30S-RD18 RD-OG WA 1.5

97BG-14A464-VBB

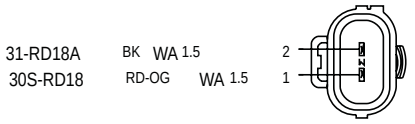
C309

TO 14B564

HARNESS 2B325

Part 1 of 3

Part 2 of 3




97BG-14A624-VBB

C309
TO 2B325

HARNESS 14B564

Part 3 of 3

## In-Line Connector 336 (G1235636)

PIN 1 => 29-AH35A OG-YE 1.0 WA
PIN 2 => 31-AH35 BK 1.0 WA + 31-AH35A BK 1.0 WA




1S7T-14A459-FC

C336
TO 14014

HARNESS 14B723

## In-Line Connector 340 (G1235637)

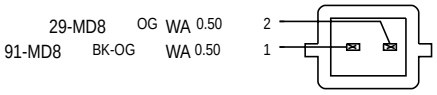



1S7T-14A459-GB

C340
TO 14014

HARNESS 14B723

## In-Line Connector 346 (G1235638)




1S7T-14A459-FC

C346
TO 14014

HARNESS 14B733

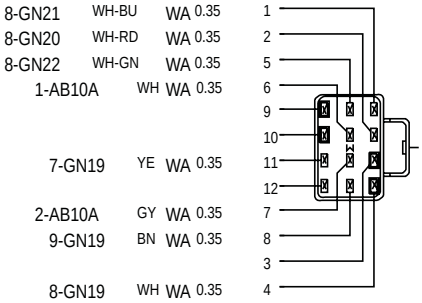
## In-Line Connector 348 (G1235639)




C348
TO 14014

HARNESS 14B723

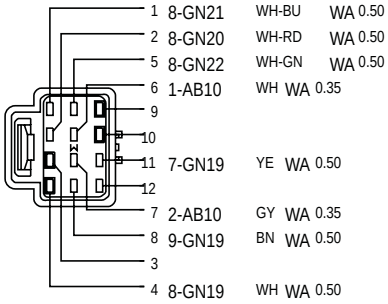
## In-Line Connector 608 (G1235646)




3M5T-14A624-UMB

C608
TO 15K868

HARNESS 14014



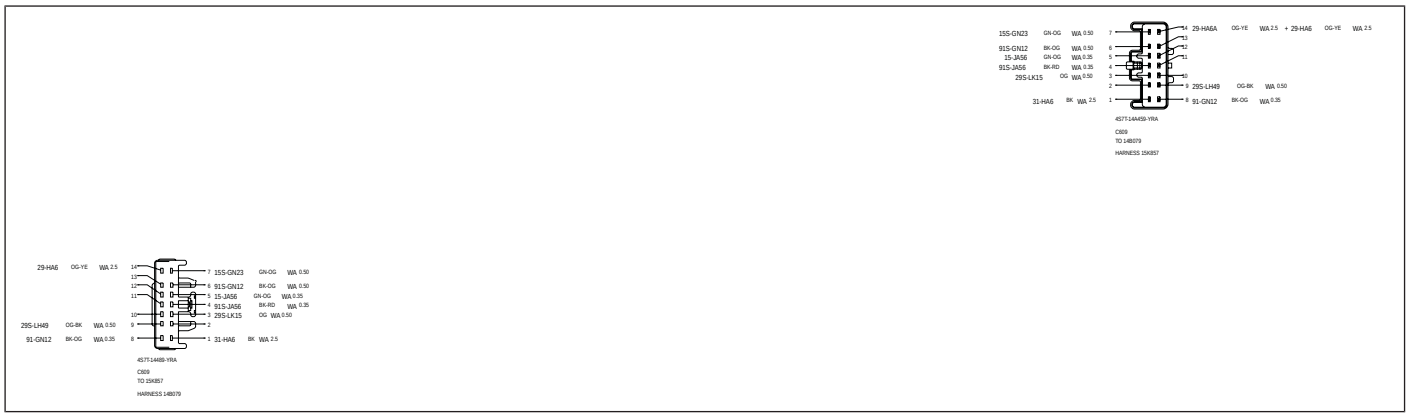

3M5T-14A464-UMB

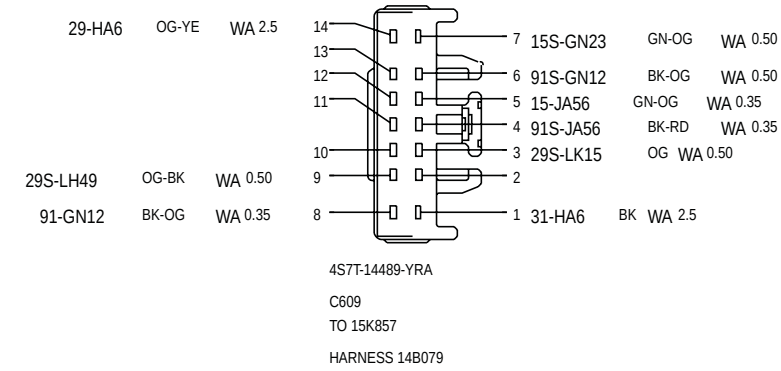
C608
TO 14014

HARNESS 15K868

## In-Line Connector 609 (G1235647)

### Thumbnail



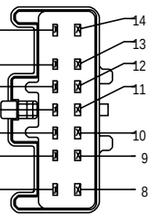



Part 1 of 3

| | | | | |
|---|---|---|---|---|
| 15S-GN23 | GN-OG | WA | 0.50 | 7 |
| 91S-GN12 | BK-OG | WA | 0.50 | 6 |
| 15-JA56 | GN-OG | WA | 0.35 | 5 |
| 91S-JA56 | BK-RD | WA | 0.35 | 4 |
| 29S-LK15 | OG | WA | 0.50 | 3 |
| | | | | 2 |
| 31-HA6 | BK | WA | 2.5 | 1 |

Part 2 of 3

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GN-OG | WA | 0.50 | 7 | 14 | 29-HA6A | OG-YE | WA 2.5 | + 29-HA6 OG-YE WA 2.5 |
| BK-OG | WA | 0.50 | 6 | 13 | | | | |
| GN-OG | WA | 0.35 | 5 | 12 | | | | |
| BK-RD | WA | 0.35 | 4 | 11 | | | | |
| 15 OG | WA | 0.50 | 3 | 10 | | | | |
| | | | 2 | 9 | 29S-LH49 | OG-BK | WA 0.50 | |
| -HA6 BK | WA | 2.5 | 1 | 8 | 91-GN12 | BK-OG | WA 0.35 | |



4S7T-14A459-YRA

C609

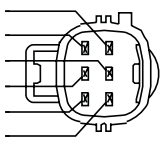
TO 14B079

HARNESS 15K857

Part 3 of 3

## In-Line Connector 625 (G1235648)

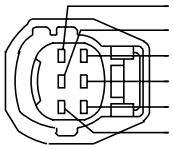
| | | | |
|---|---|---|---|
| 8-GN9 | WH-GN | WA 0.50 | 6 |
| 9-GN6 | BN | WA 0.50 | 3 |
| 8-GN8 | WH-BU | WA 0.50 | 5 |
| 8-GN6 | WH | WA 0.50 | 2 |
| 7-GN6 | YE | WA 0.50 | 1 |
| 8-GN7 | WH-RD | WA 0.50 | 4 |



XW4T-14A624-BHB

C625
TO 14K733

HARNESS 15K867



| | | | |
|---|---|---|---|
| 6 | 8-GN9 | WH-GN | WA 0.50 |
| 5 | 8-GN8 | WH-BU | WA 0.50 |
| 3 | 9-GN6 | BN | WA 0.50 |
| 2 | 8-GN6 | WH | WA 0.50 |
| 1 | 7-GN6 | YE | WA 0.50 |
| 4 | 8-GN7 | WH-RD | WA 0.50 |

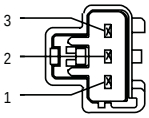
XW4T-14A464-BLC

C625
TO 15K867

HARNESS 14K733

## In-Line Connector 649 (G1235650)

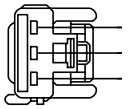
| | | | |
|---|---|---|---|
| 9-FA53 | BN-BU | WA 0.35 | 3 |
| 10-FA53 | GY-VT | WA 0.35 | 2 |
| 8-FA53 | WH-BU | WA 0.35 | 1 |



4S7T-14A459-VCA

C649
TO 19A657

HARNESS 14401



| | | | |
|---|---|---|---|
| 3 | 9-FA53 | BN-BU | WA 0.35 |
| 2 | 10-FA53 | GY-VT | WA 0.35 |
| 1 | 8-FA53 | WH-BU | WA 0.35 |

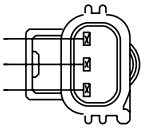
4S7T-14489-VCA

C649
TO 14401

HARNESS 19A657

## In-Line Connector 778 (G1235651)

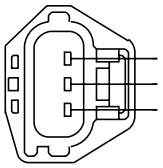
| | | | |
|---|---|---|---|
| 8-CE10 | WH-VT | WK 0.50 | 3 |
| 9-CE10 | BN-WH | WK 0.50 | 2 |
| 7-CE10 | YE-VT | WK 0.50 | 1 |



XW4T-14A624-AJB

C788
TO 14K733

HARNESS 3C221



| | | | |
|---|---|---|---|
| 3 | 8-CE10 | WH-VT | WA 0.50 |
| 2 | 9-CE10 | BN-WH | WA 0.50 |
| 1 | 7-CE10 | YE-VT | WA 0.50 |

XW4T-14A464-EC

C788
TO 3C221

HARNESS 14K733

## In-Line Connector 829 (G1240771)

| | | | |
|---|---|---|---|
| 8-CF34 | WH | WX 0.50 | 1 |
| 9-CF34 | BN | WX 0.50 | 2 |



89FG-14A624-ABB

C829
TO 2B325

HARNESS 14014



| | | | |
|---|---|---|---|
| 1 | 8-CF34 | WH-BU | WA 0.50 |
| 2 | 9-CF34 | BN-BU | WA 0.50 |

91AG-14A464-BBC

C829
TO 14014

HARNESS 2B325

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