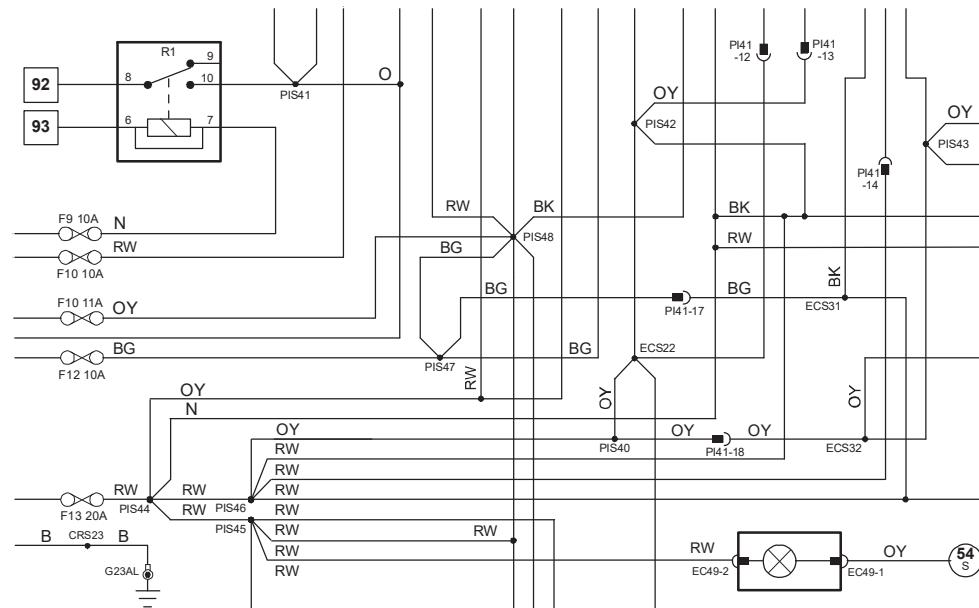




## Electrical Wiring Diagrams



**Range Rover Sport**  
VIN:147226>

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## ABBREVIATIONS

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Abbreviation	Description
ABS	Anti-lock braking system
AFS	Adaptive front lighting system
AUTO	Automatic transmission
CAN	Controller area network
DSC	Dynamic stability control
D4	Diesel engine - Straight-four
DV6	Diesel engine - V6
DV8	Diesel engine - V8
EGR	Exhaust gas recirculation
FET	Field effect transistor
GPS	Global positioning system
HS CAN	High speed controller area network bus
PV6	Petrol engine - V6
PV8	Petrol engine - V8
PV8NA	Naturally aspirated engine - V8
PV8SC	Super charged engine - V8
LH	Left-hand
LIN	Local interconnect network
MAF/IAT	Mass air flow / intake air temperature
MS CAN	Medium speed controller area network bus
NAS	North American specification
PDC	Park distance control
RH	Right-hand
TPMS	Tire pressure monitoring system
TSD	Touch screen display

# USING THIS PUBLICATION

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## Health and safety

Always follow health and safety guidelines, specifically those detailed in the Workshop Manual.

## Using this publication

The information provided in this publication is for use only by competent, qualified auto-electricians. Good product knowledge is assumed, as well as the ability to access and use recommended test equipment and other reference material provided.

## Test equipment and other reference material

The information in this publication should be used in conjunction with the recommended test equipment; refer to Workshop Manual. Other reference material includes: Technical Service Bulletins (TSB) and the Workshop Manual.

The Electrical Reference Library (ERL) may also prove useful since it provides detailed connector information.

## Battery disconnection and reconnection

It is imperative that any information relating to battery disconnection and reconnection is followed; refer to the appropriate sections in the Workshop Manual.

## Fault Diagnosis

Always use the recommended test equipment for correct and reliable fault diagnosis, refer to the Workshop Manual.

## Harness Repair

Repairs should only be undertaken for connectors where a Service Repair Kit is available; refer to the appropriate Electrical Reference Library (ERL).

**Note:** Fibre Optic circuits cannot be repaired; refer to the Workshop Manual.

## Section numbering

The sections in this publication are ordered to match the Global Outline numbering system as found in the current Workshop Manual. The Power and Ground distribution circuits can be found under section 414-01, BATTERY, MOUNTING AND CABLES.

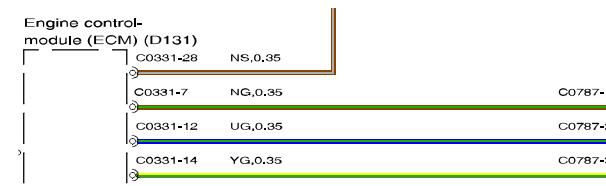
**Note:** Where circuit diagrams show more than one sub-system, the circuit will be located in the section that carries the first-named sub-system, for example: Starting and Charging will be located under section 303-06 Starting System, since 'Starting' is the first-named sub-system.

## Circuit sheet numbering

The figures in brackets to the left of the page number indicate a circuit sheet number and the total number of sheets per circuit, for example (01 / 05) represents sheet 1 of 5.

## Understanding the circuit diagrams

### Components



After each component description, a translation code is displayed in brackets, for example: Starter relay (R102), Engine control-module (ECM)(D131). The codes can be ignored.

**Note:** A dotted outline indicates that the component identified is not shown in its entirety.

### Connectors

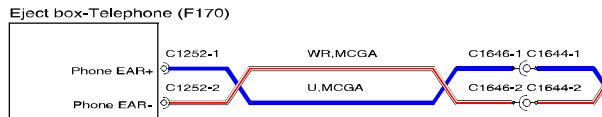
Connectors and header joints are identified by their corresponding connector number with a numbered suffix to indicate the pin-out detail of the wire, i.e. C0292-1 identifies connector 292, pin number 1. Wire insulation colours are listed in a table at the end of this section. Where wires have a predominant colour with a secondary colour tracer, the main colour is identified first, i.e. WH-BK - white with a black tracer.

# USING THIS PUBLICATION

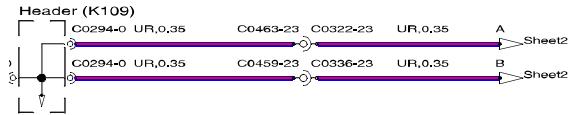
## Wire length (Power and Ground Distribution only)

The wire length (in millimetres) is displayed after the colour and cross sectional area; for example, SR,0.35,480. In this example, the figure, 480 indicates the approximate position of the harness splice is 480mm from connector C2335.

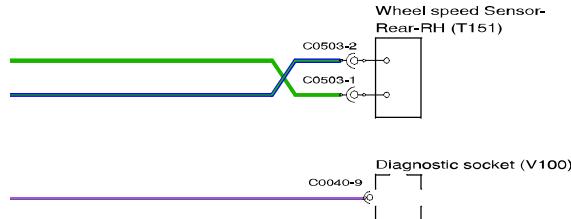
## Line Types



Crossed wires as illustrated above show an example of how a twisted pair of wires may be represented on the circuits.



The arrows illustrated above show an example of the page break symbols, identifying that the circuit continues at the corresponding letter on the sheet number indicated.



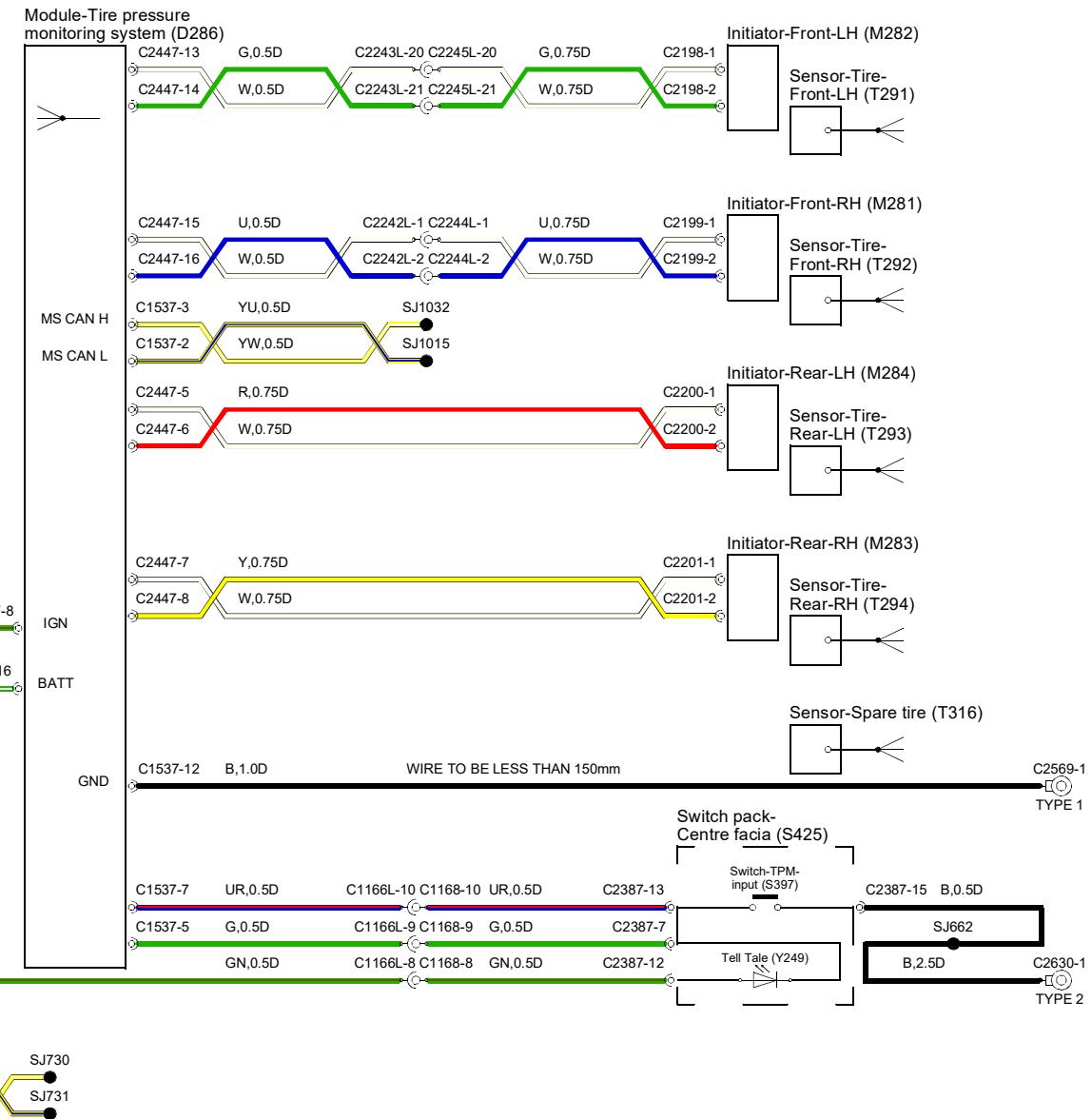
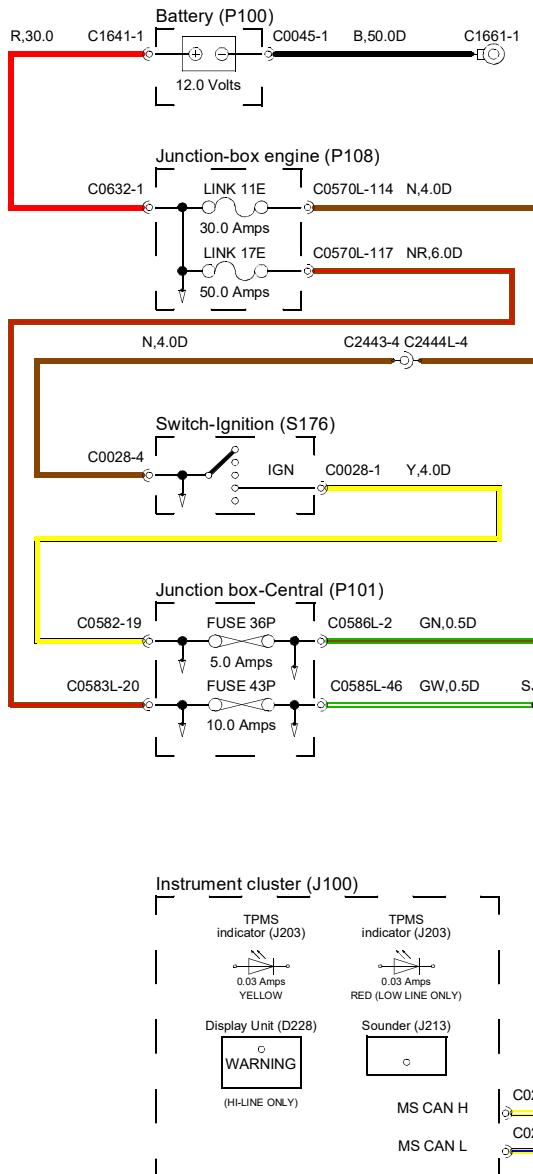
The cup and ball symbol represents the male and female halves of connector. Most connectors plug directly into a component but some are wired directly to the component using a 'flylead' as with C503 above.

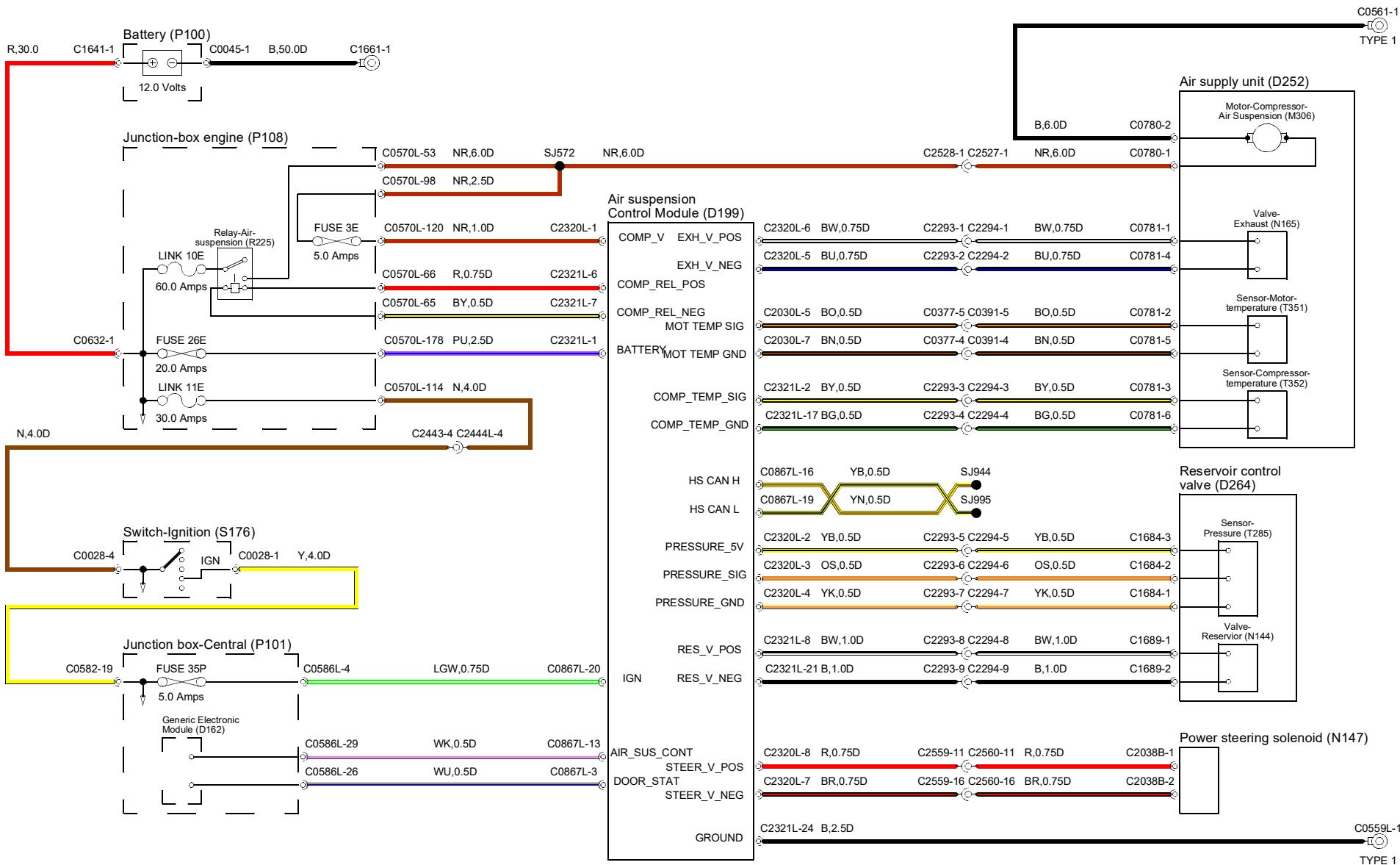
## Ground points

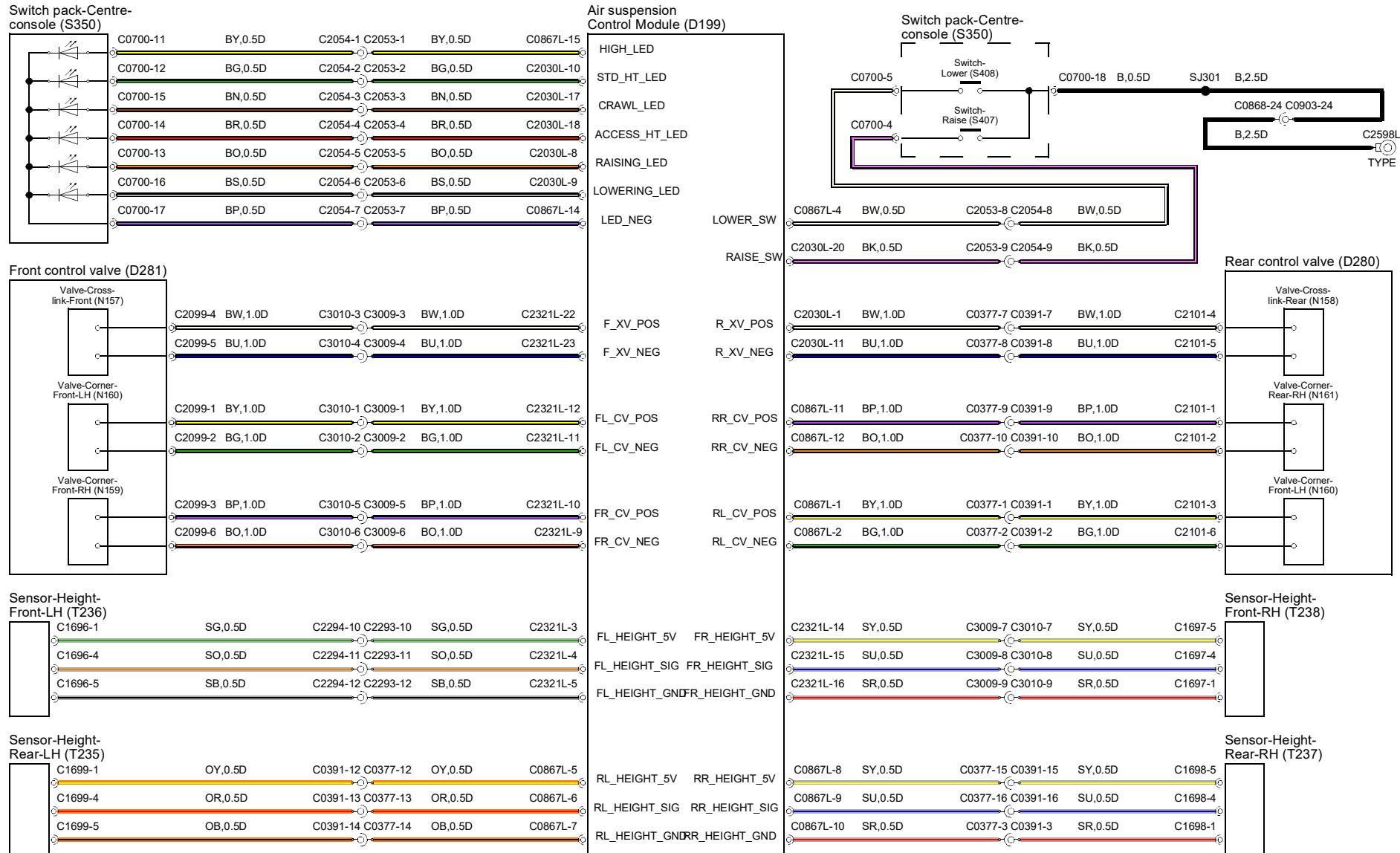
Ground points are identified with an eyelet symbol and a connector number, except where components are grounded through its fixings, when only the eyelet is shown.

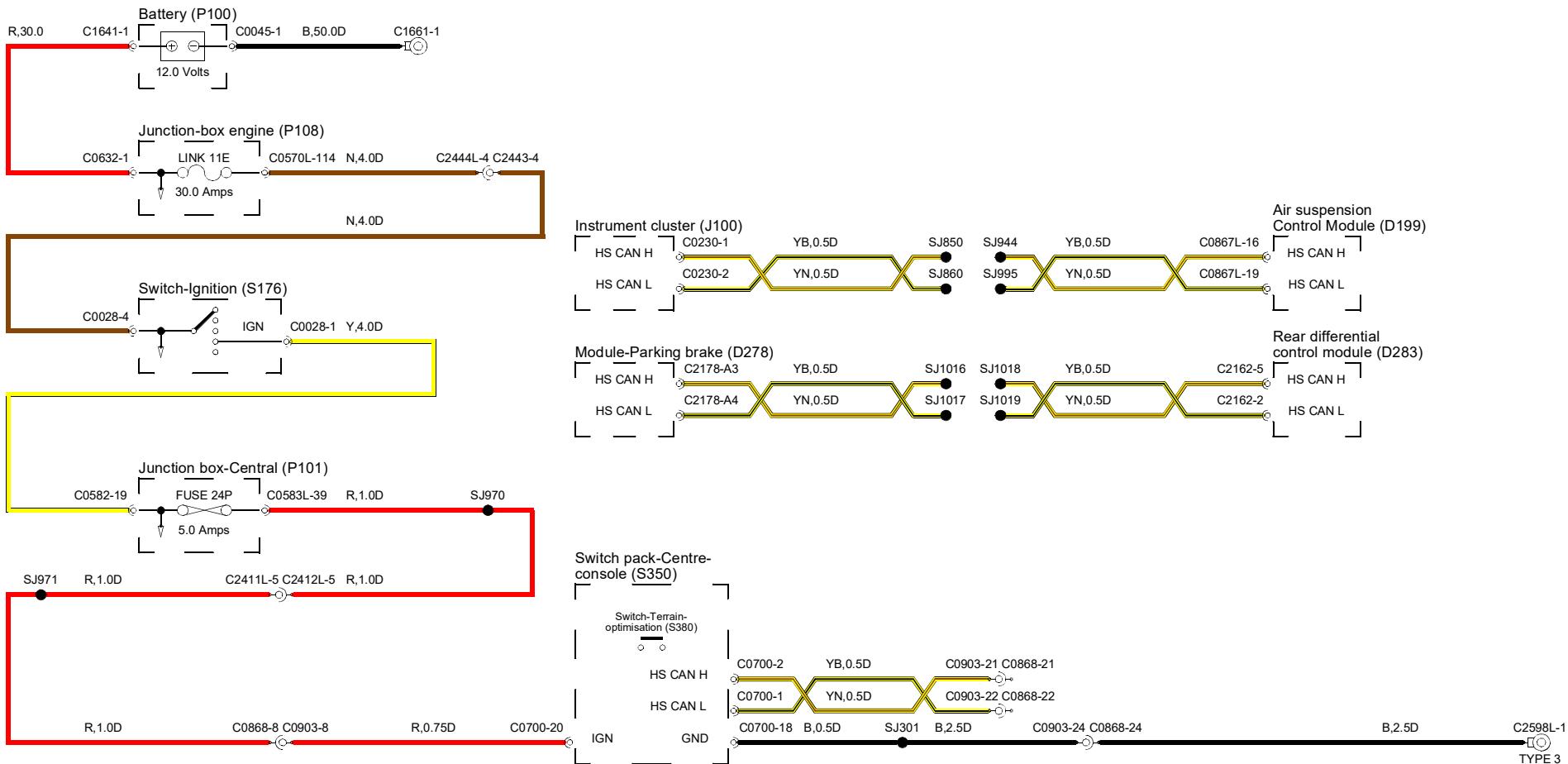
## Colour Codes

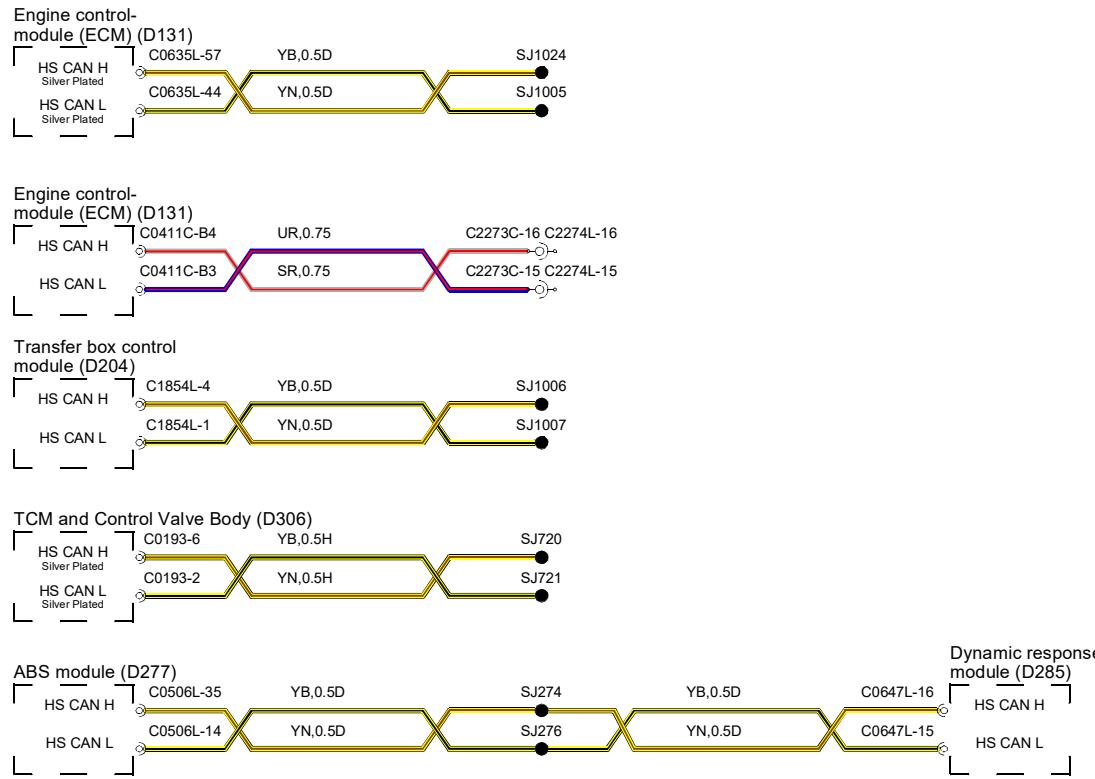
CODE	COLOUR
BK or B	BLACK
BN or N	BROWN
BU or U	BLUE
GN or G	GREEN
GY or S	GREY (slate)
OG or O	ORANGE
PK or K	PINK
RD or R	RED
VT or P	PURPLE
WH or W	WHITE
YE or Y	YELLOW

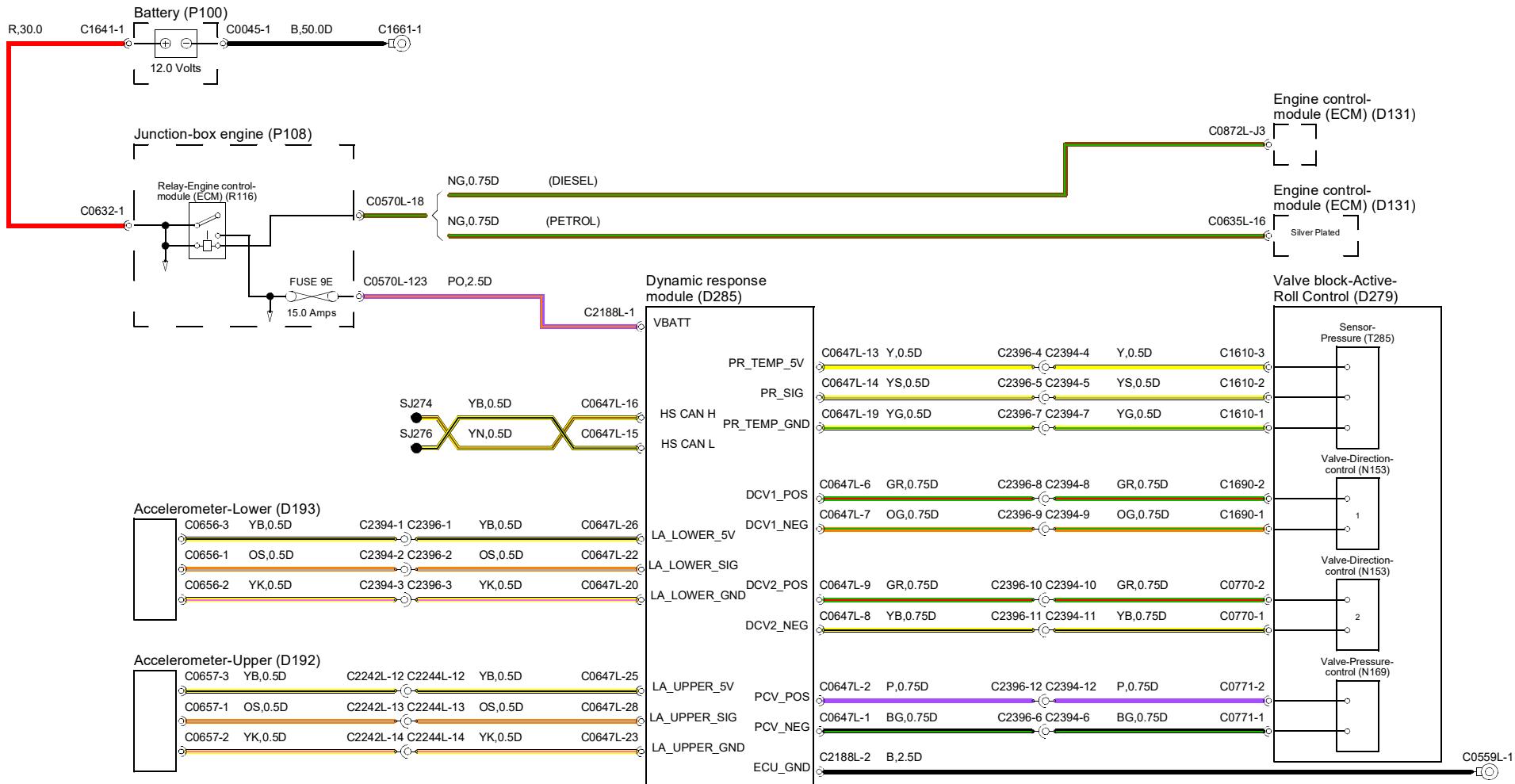




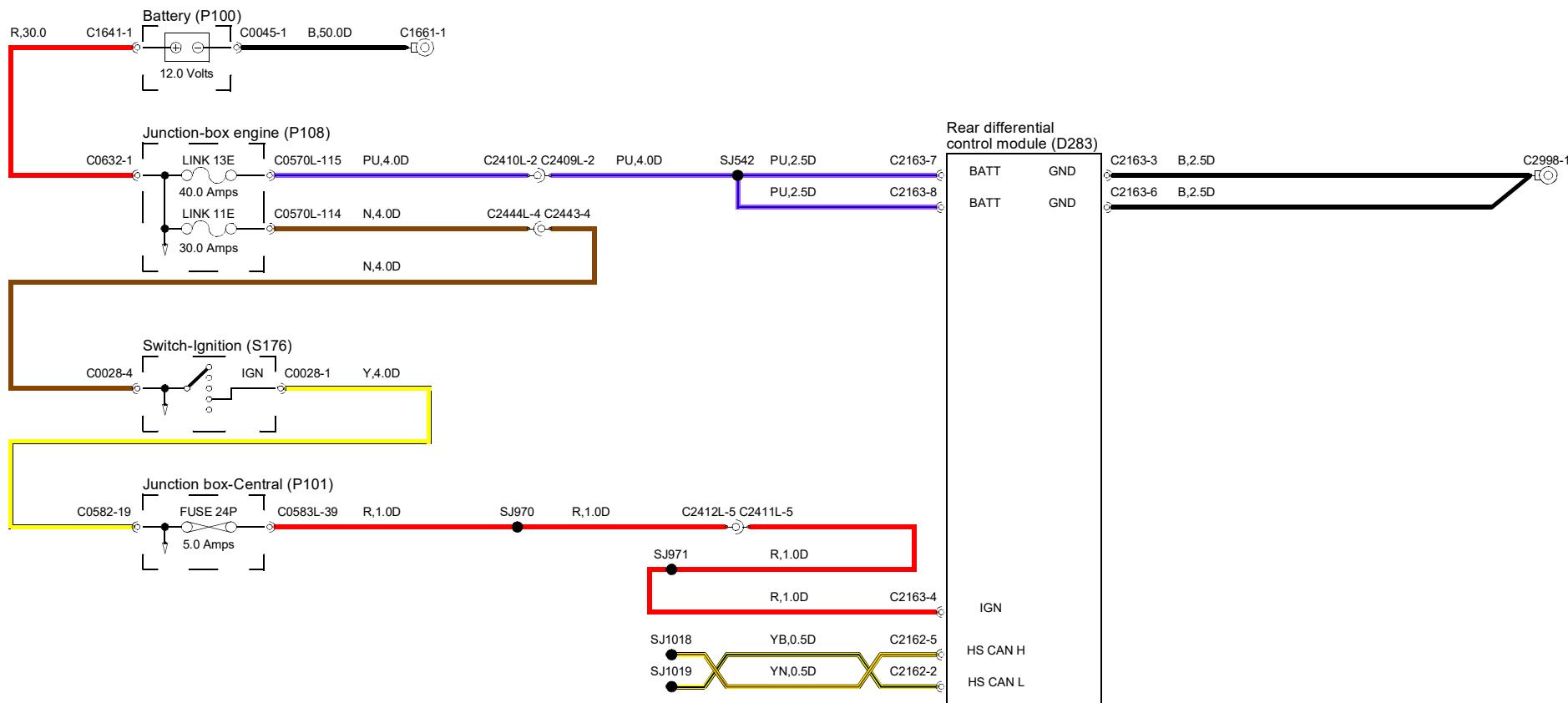




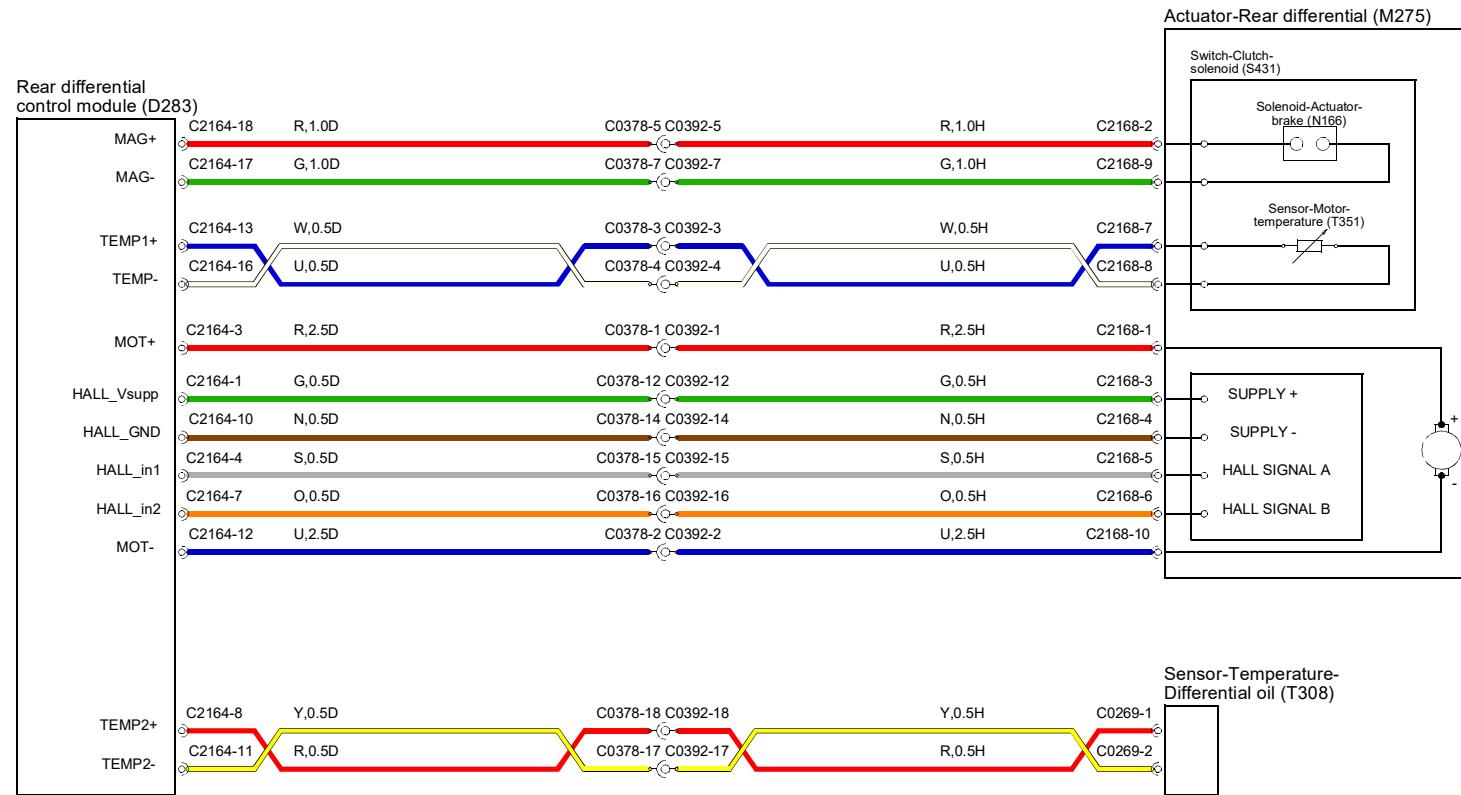




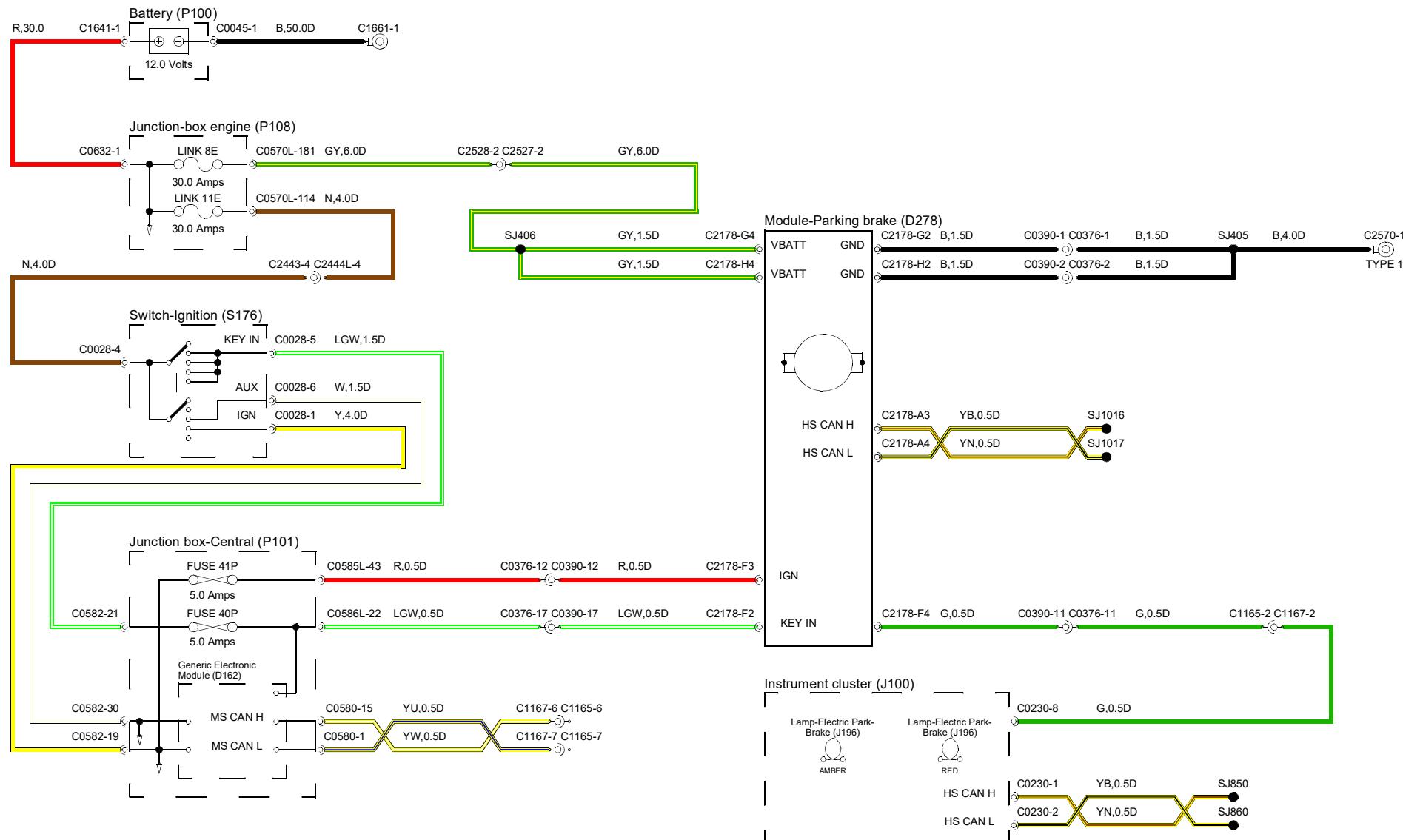
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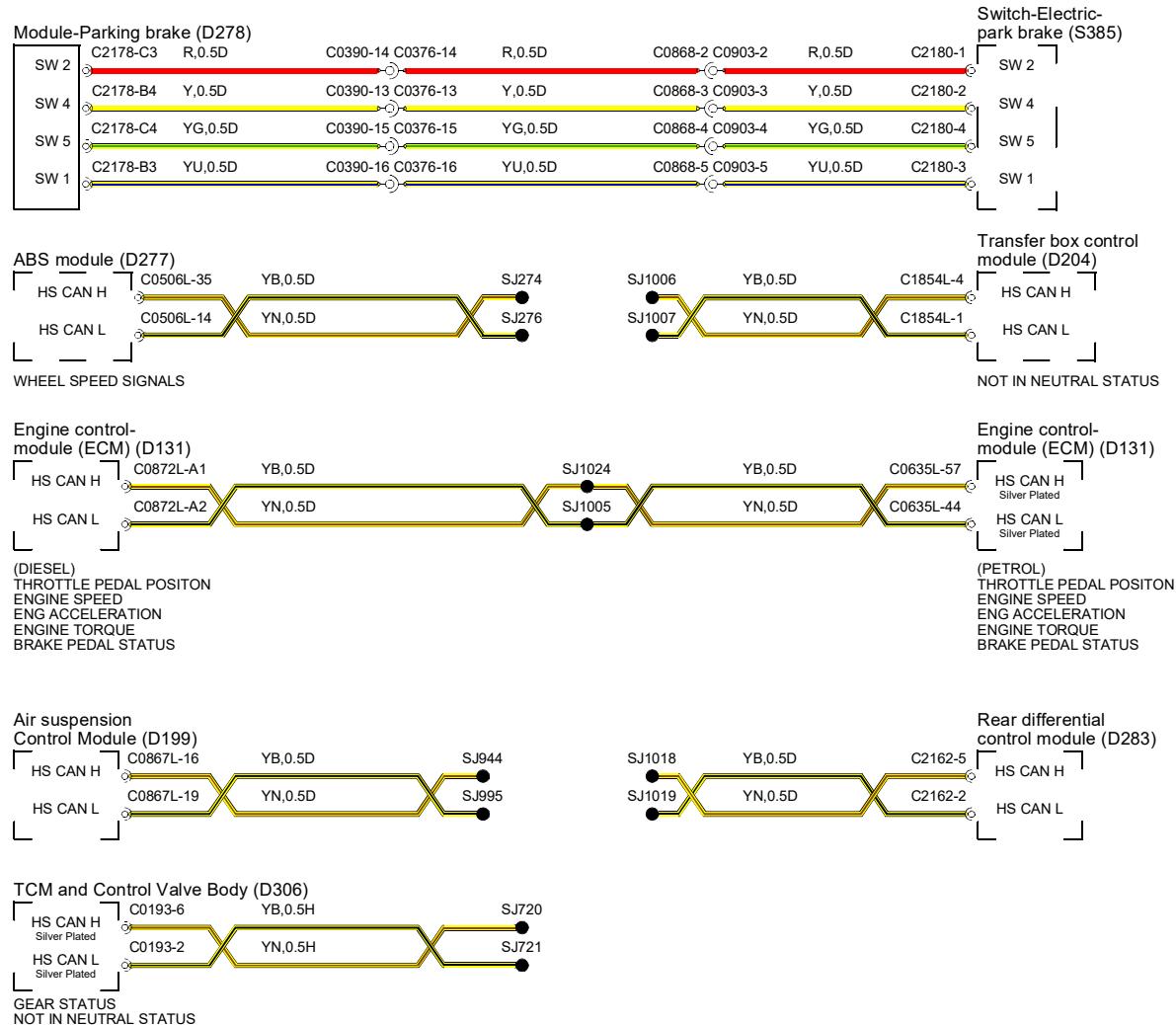
## 205-02 - REAR DRIVE AXLE AND DIFFERENTIAL

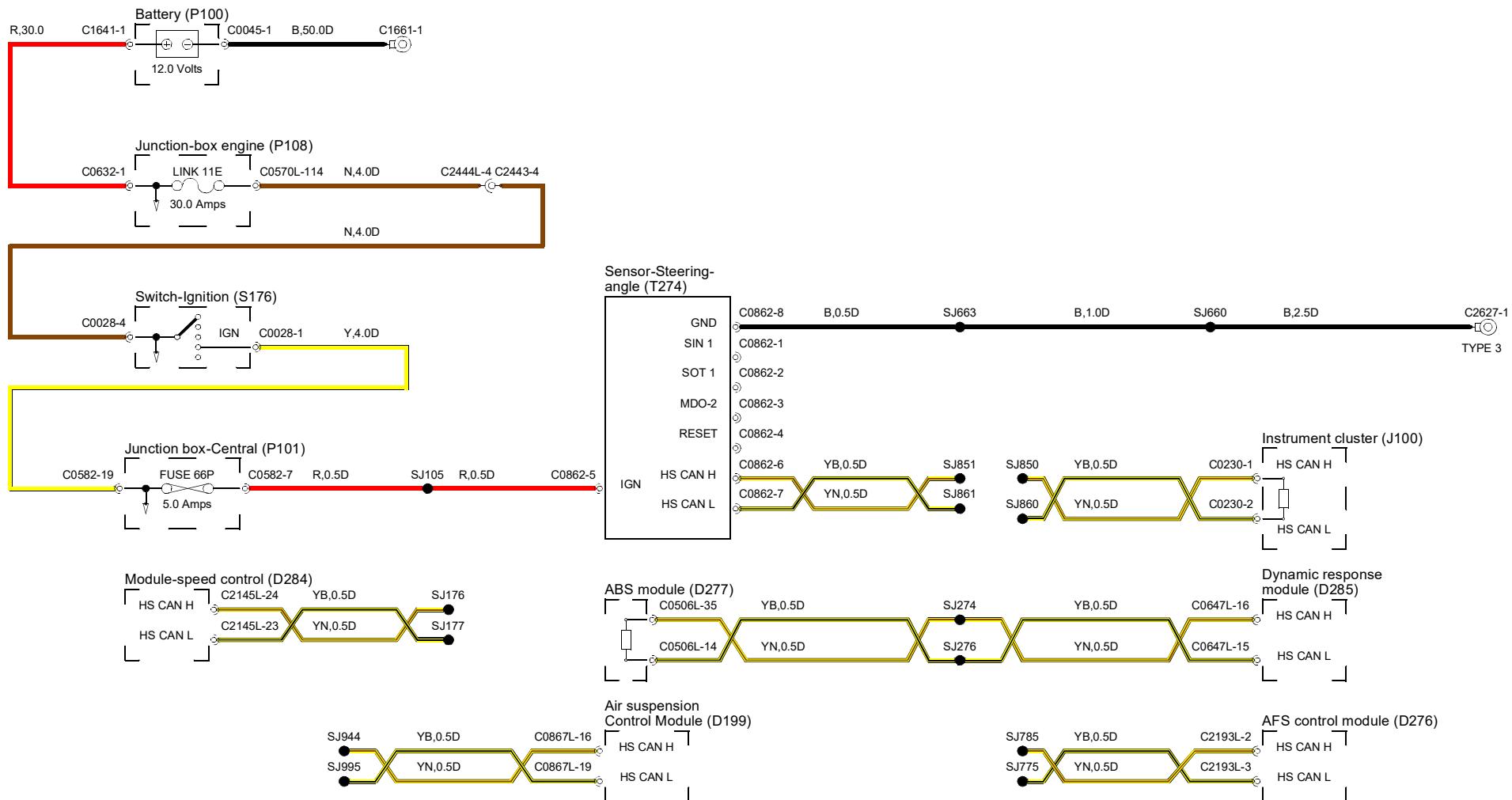


## 206-05 - PARKING BRAKE AND ACTUATION

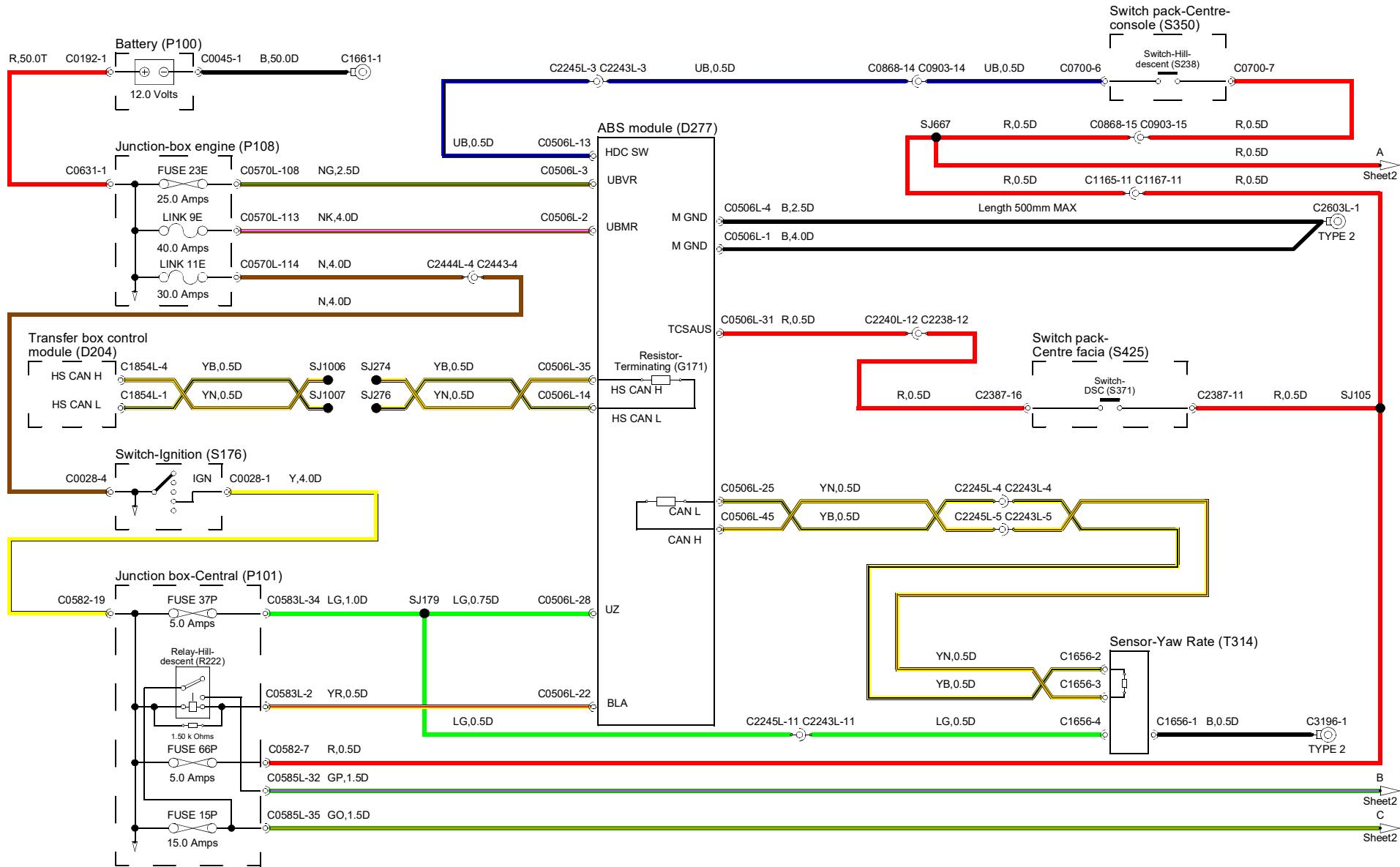


## 206-05 - PARKING BRAKE AND ACTUATION

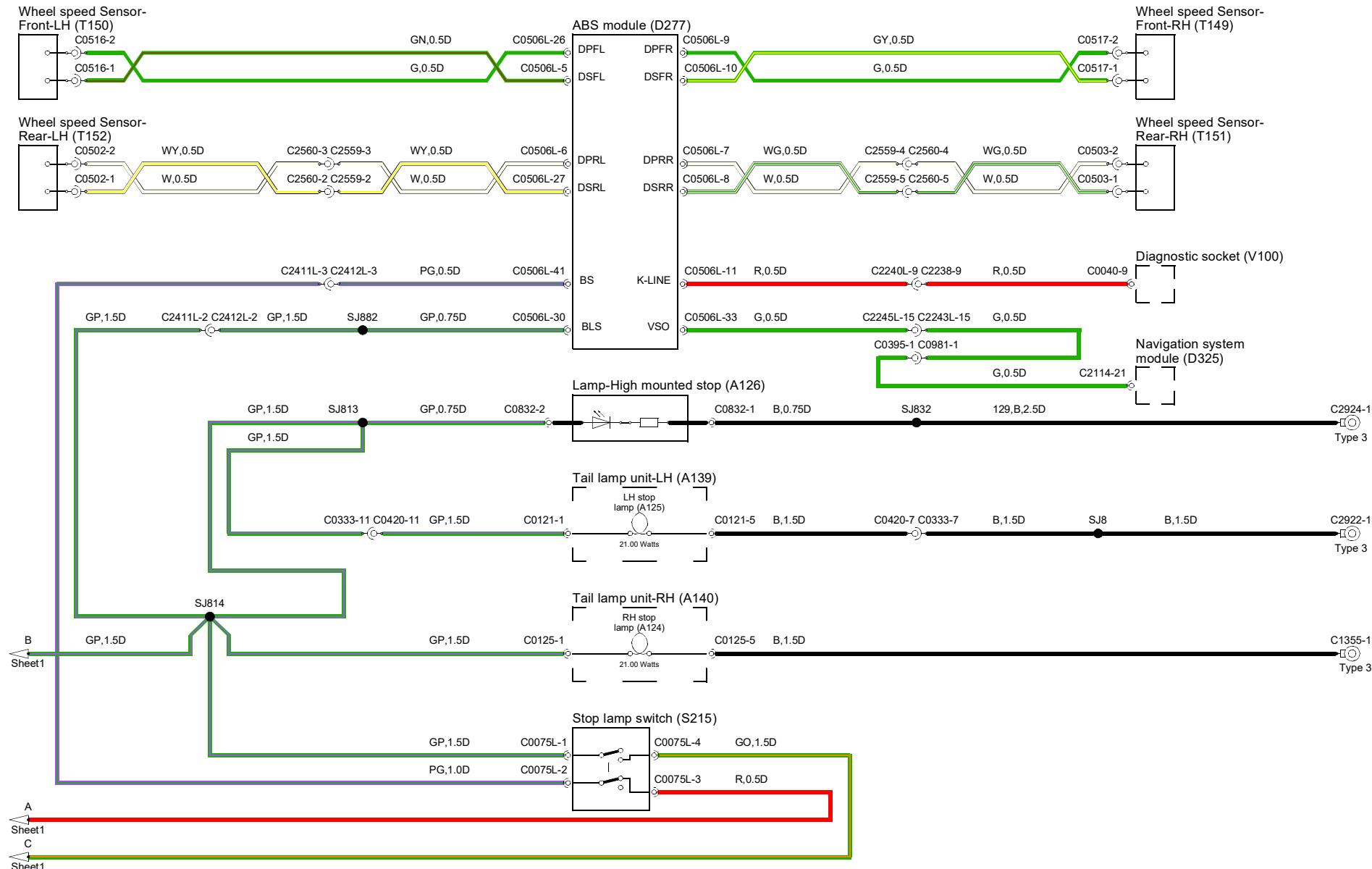


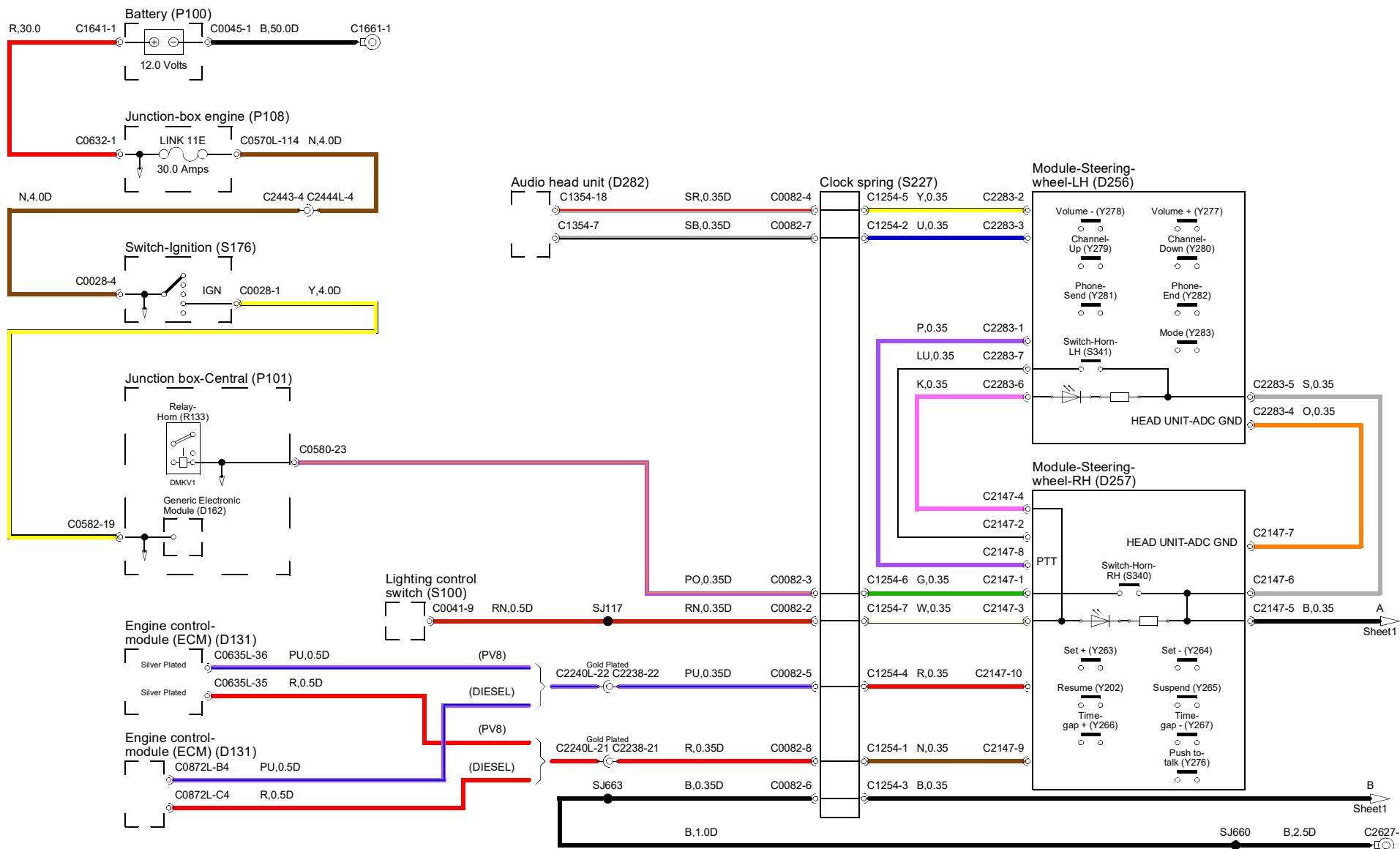


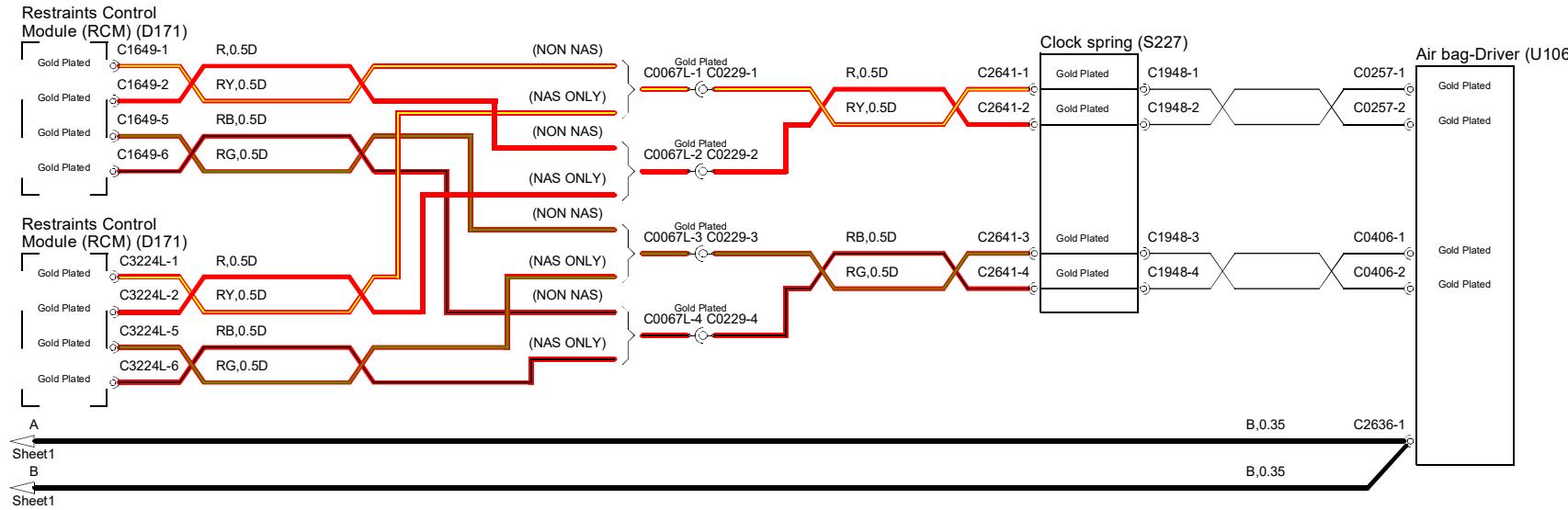
## 206-09 - ANTI-LOCK CONTROL

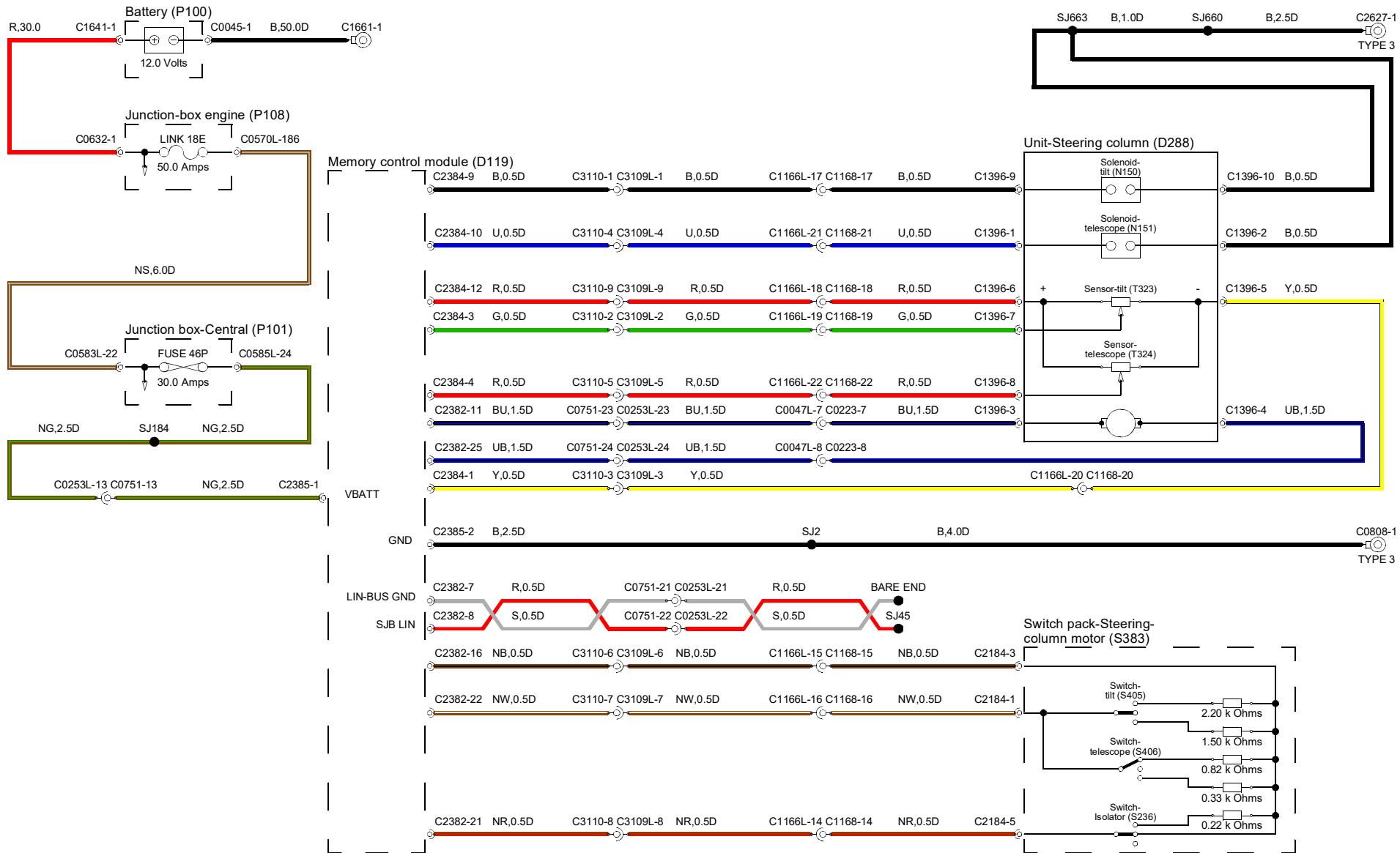


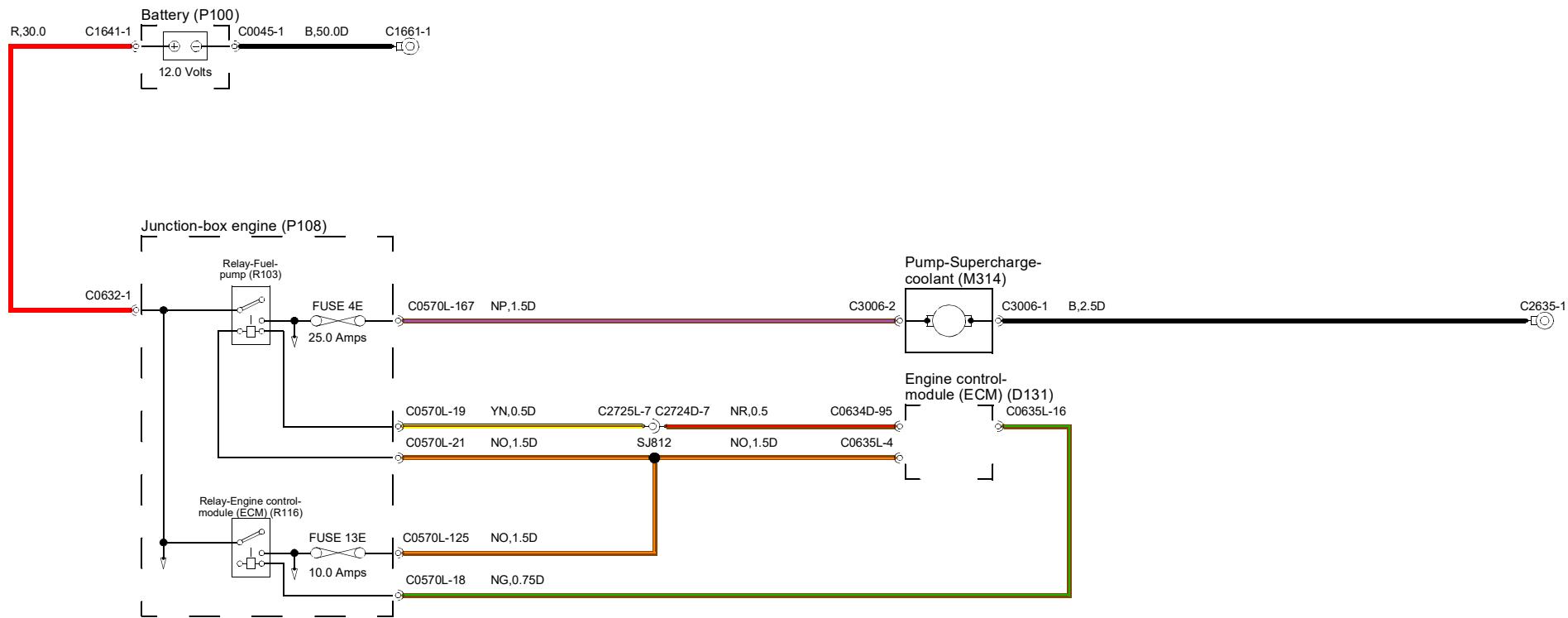
## **206-09 - ANTI-LOCK CONTROL**

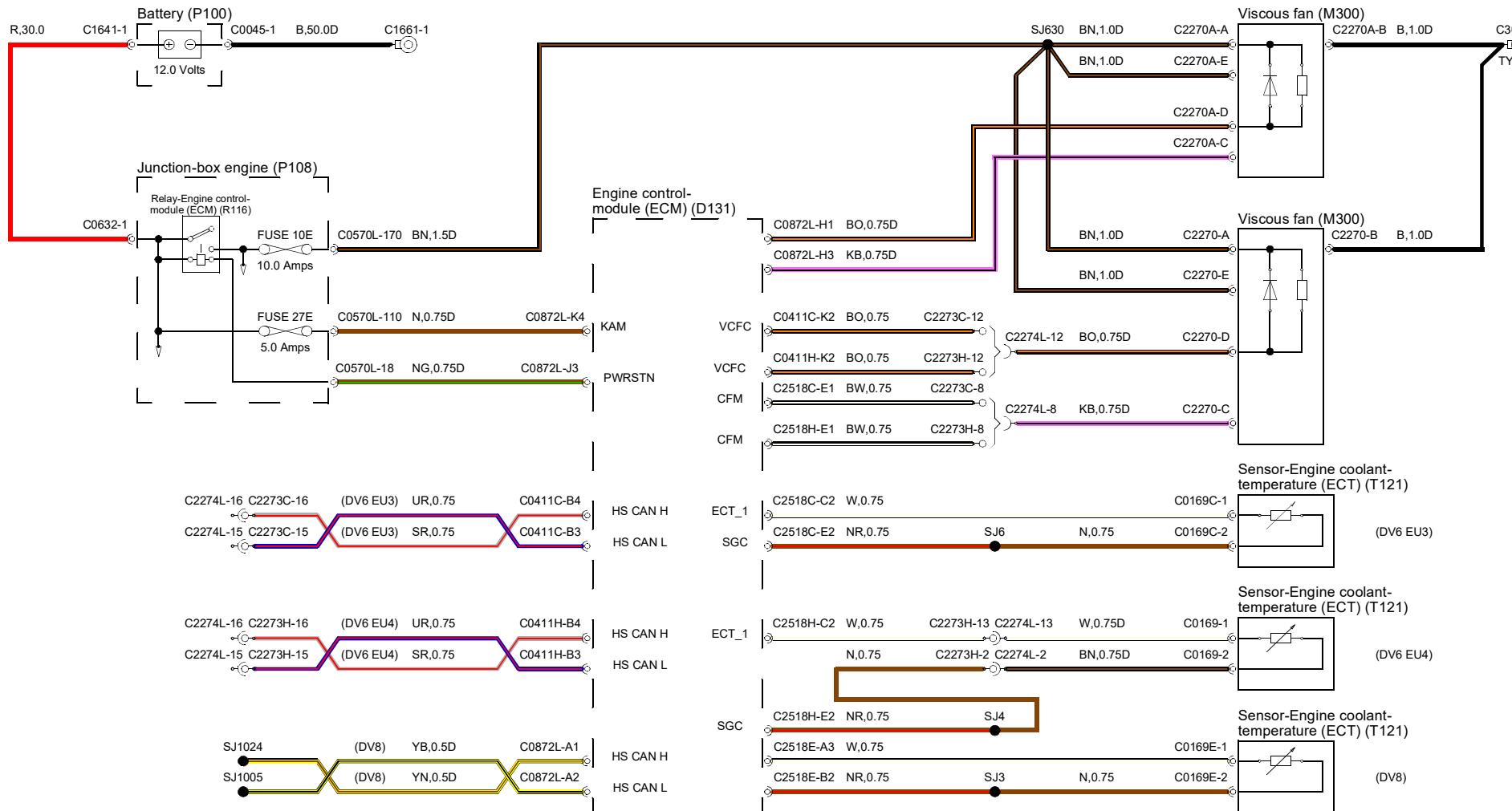


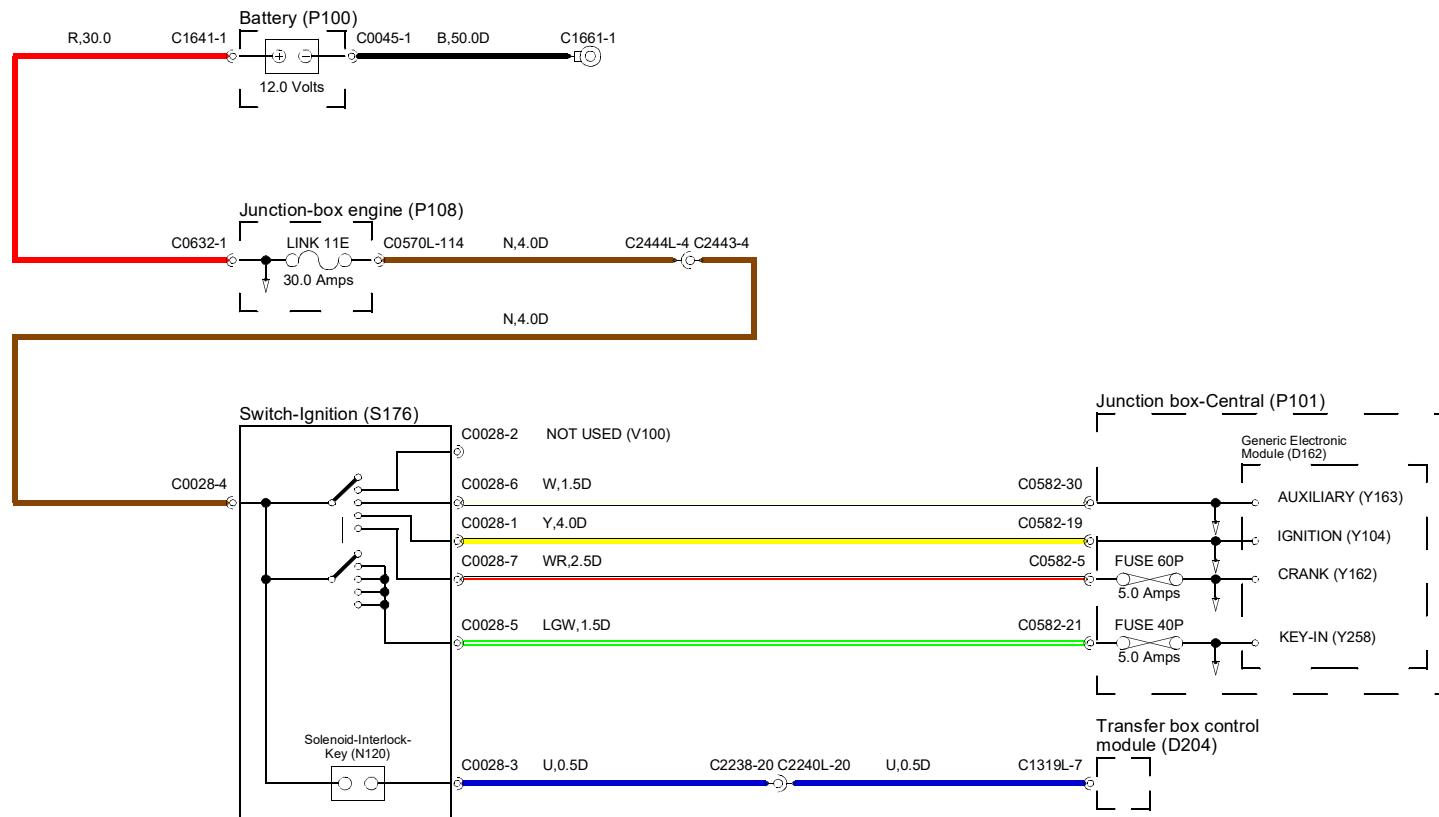


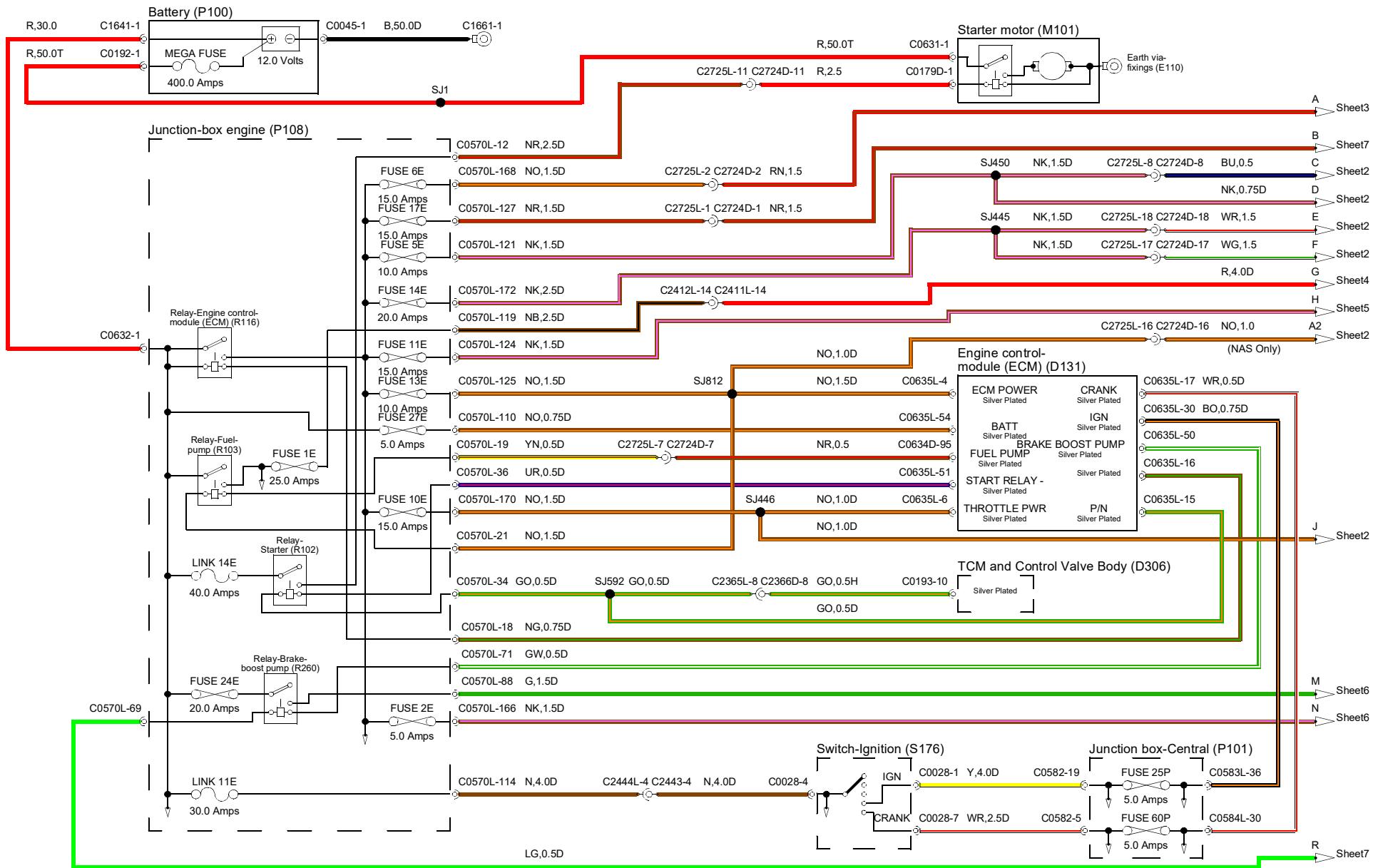


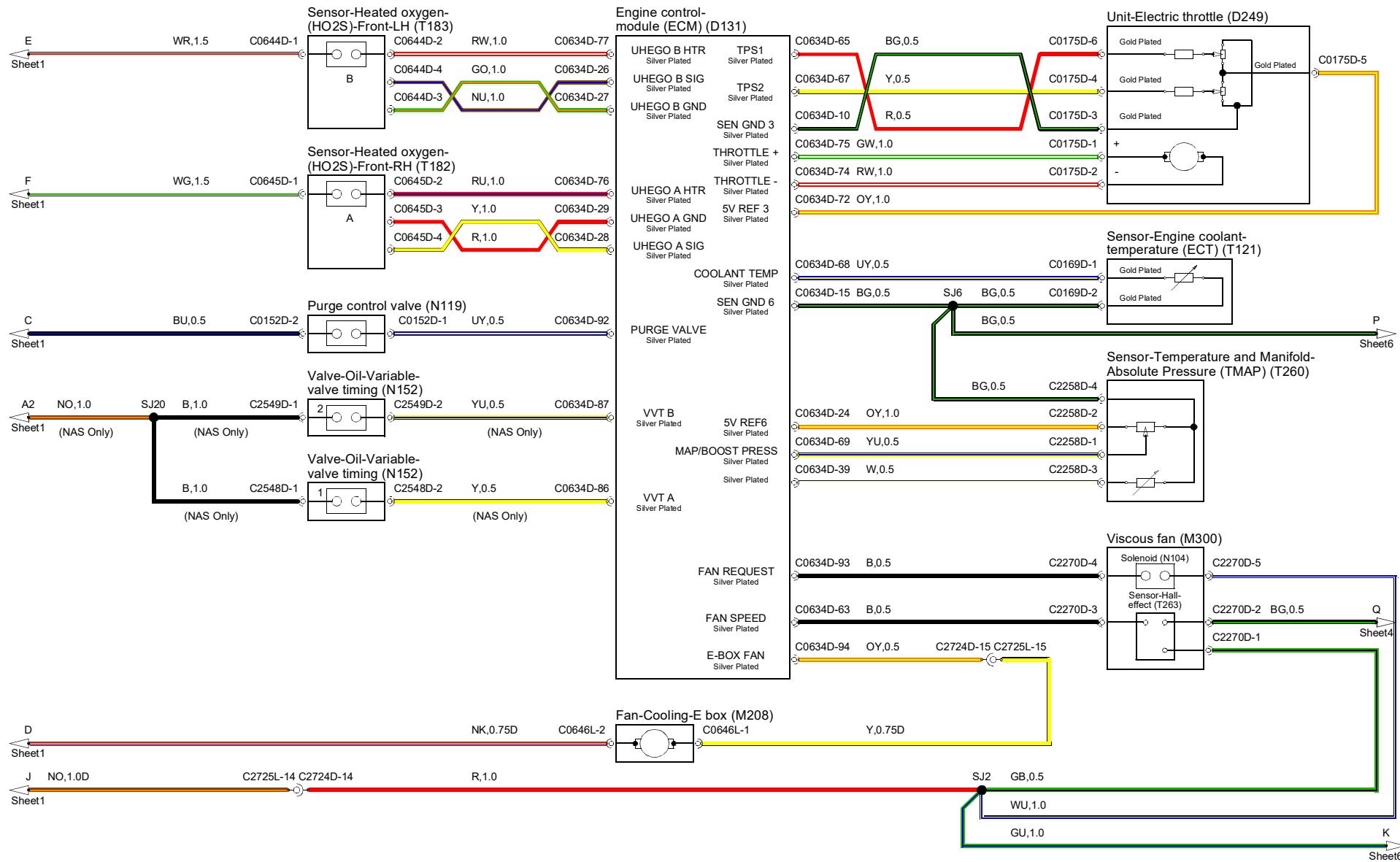


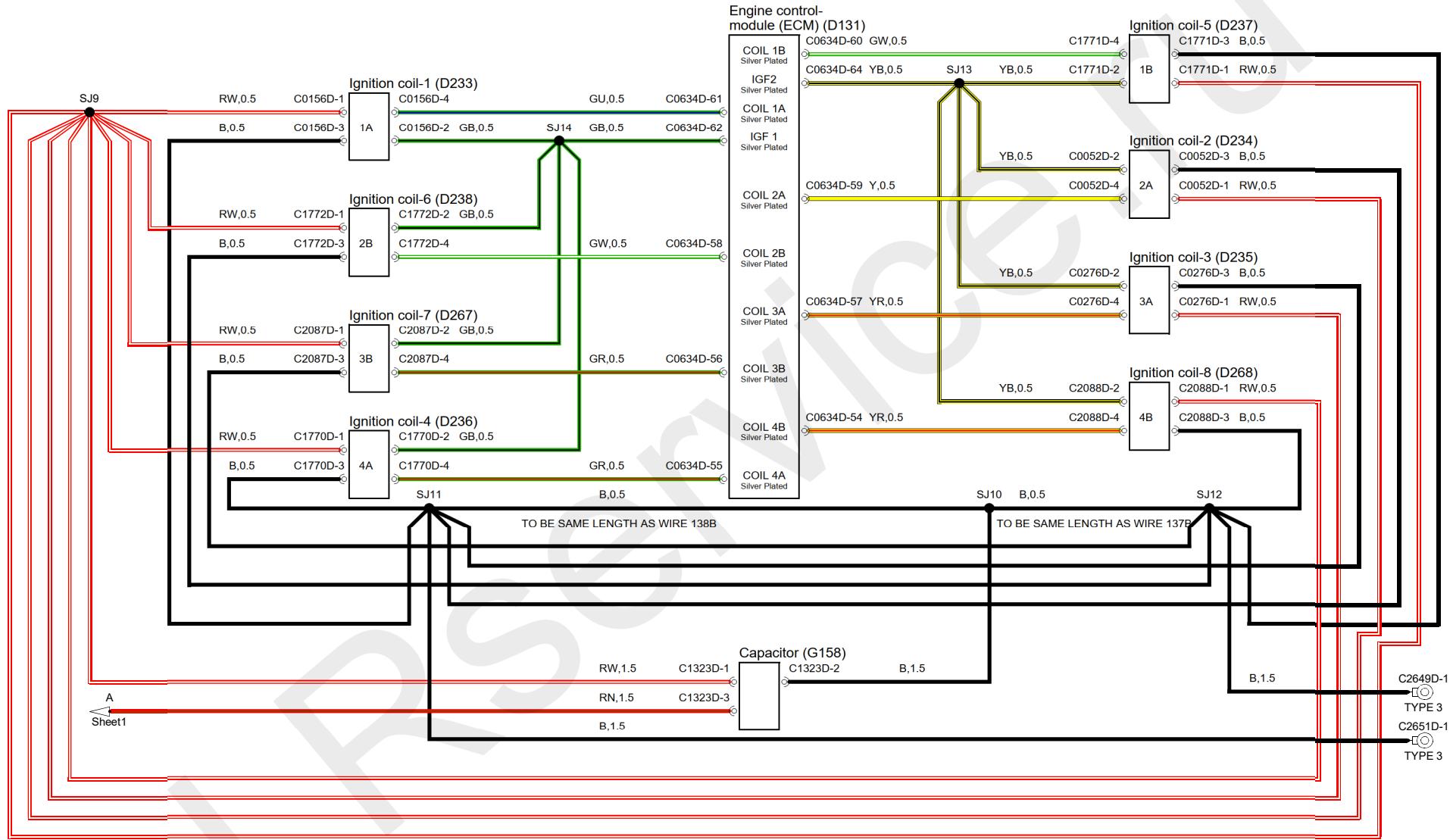


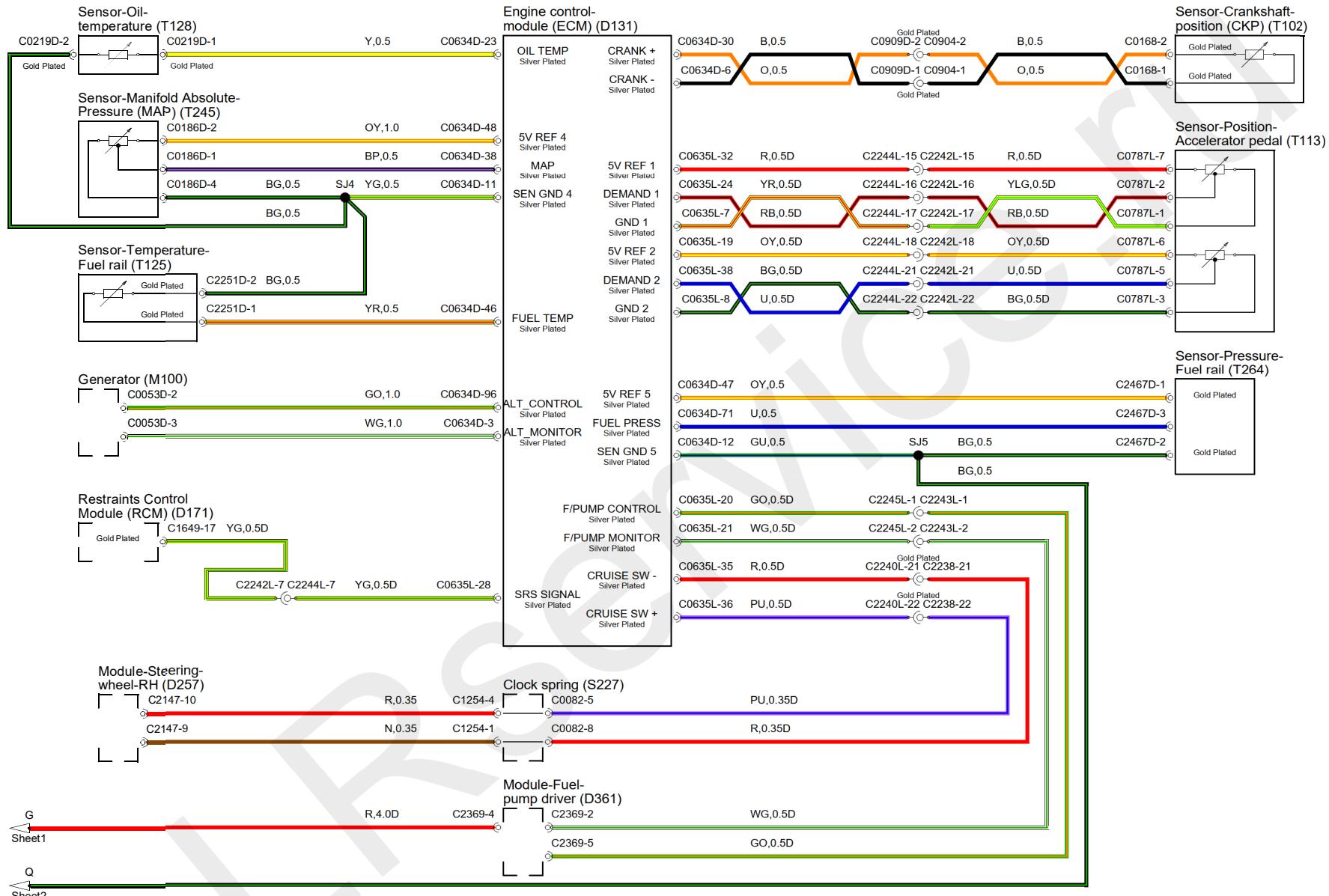


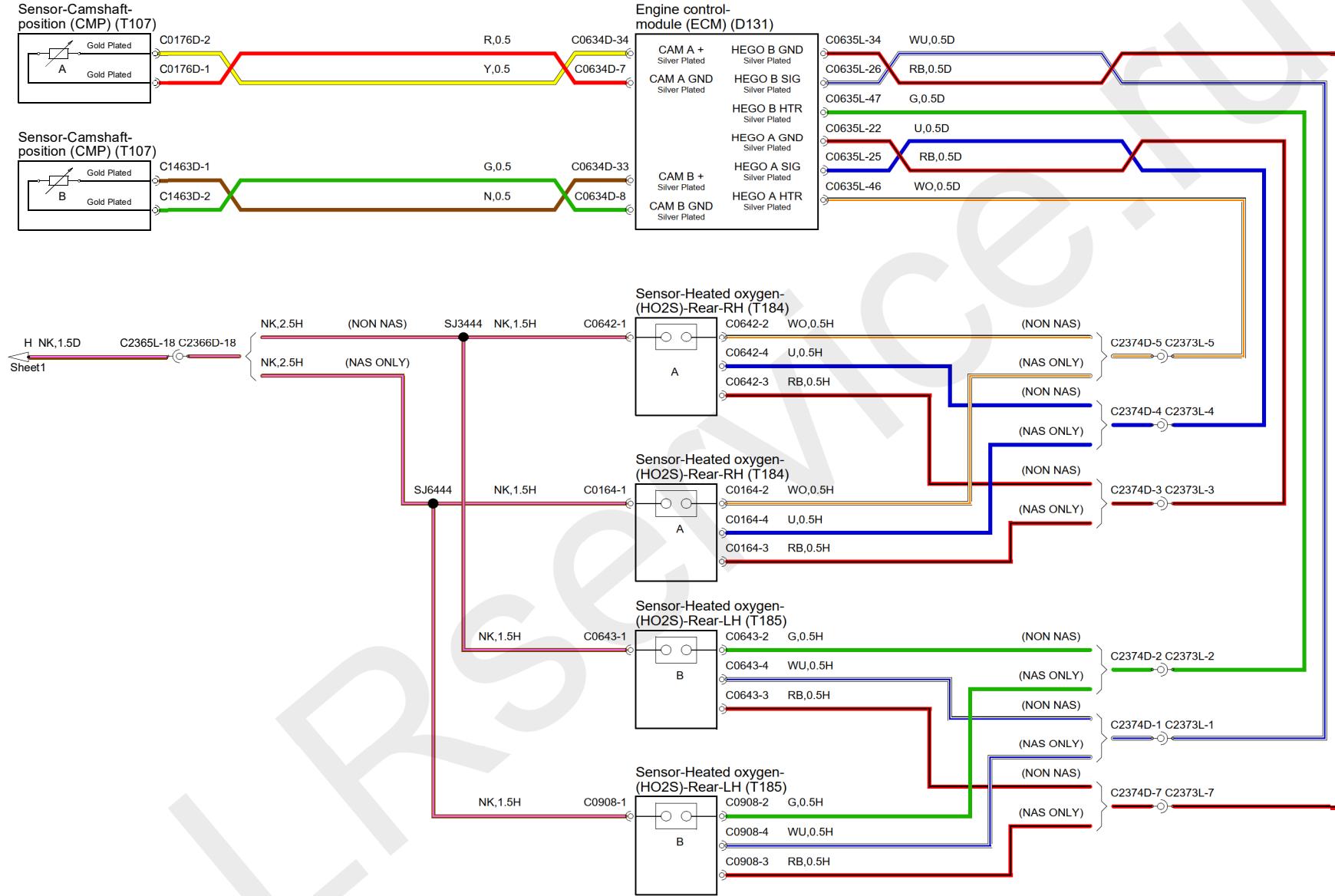


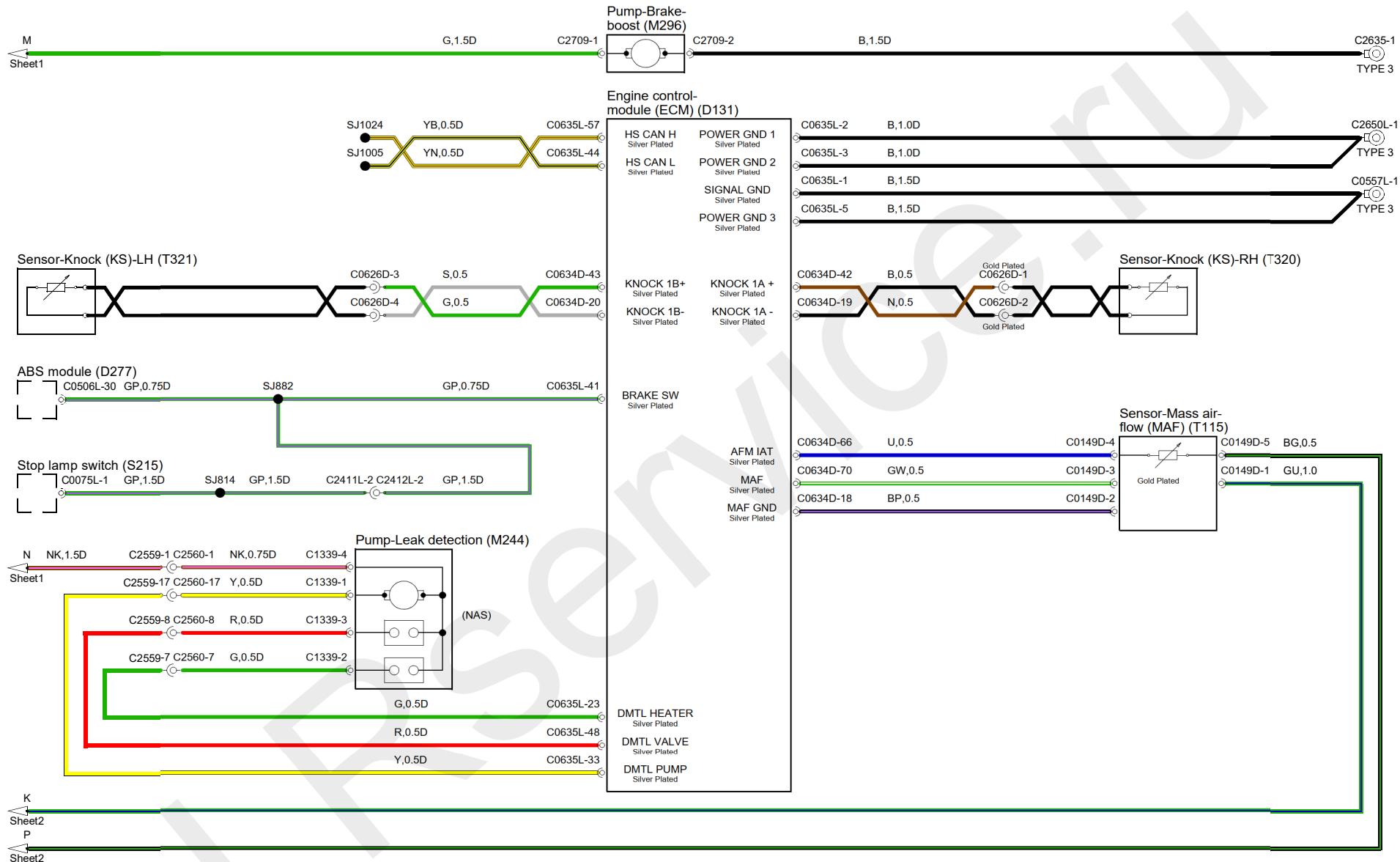


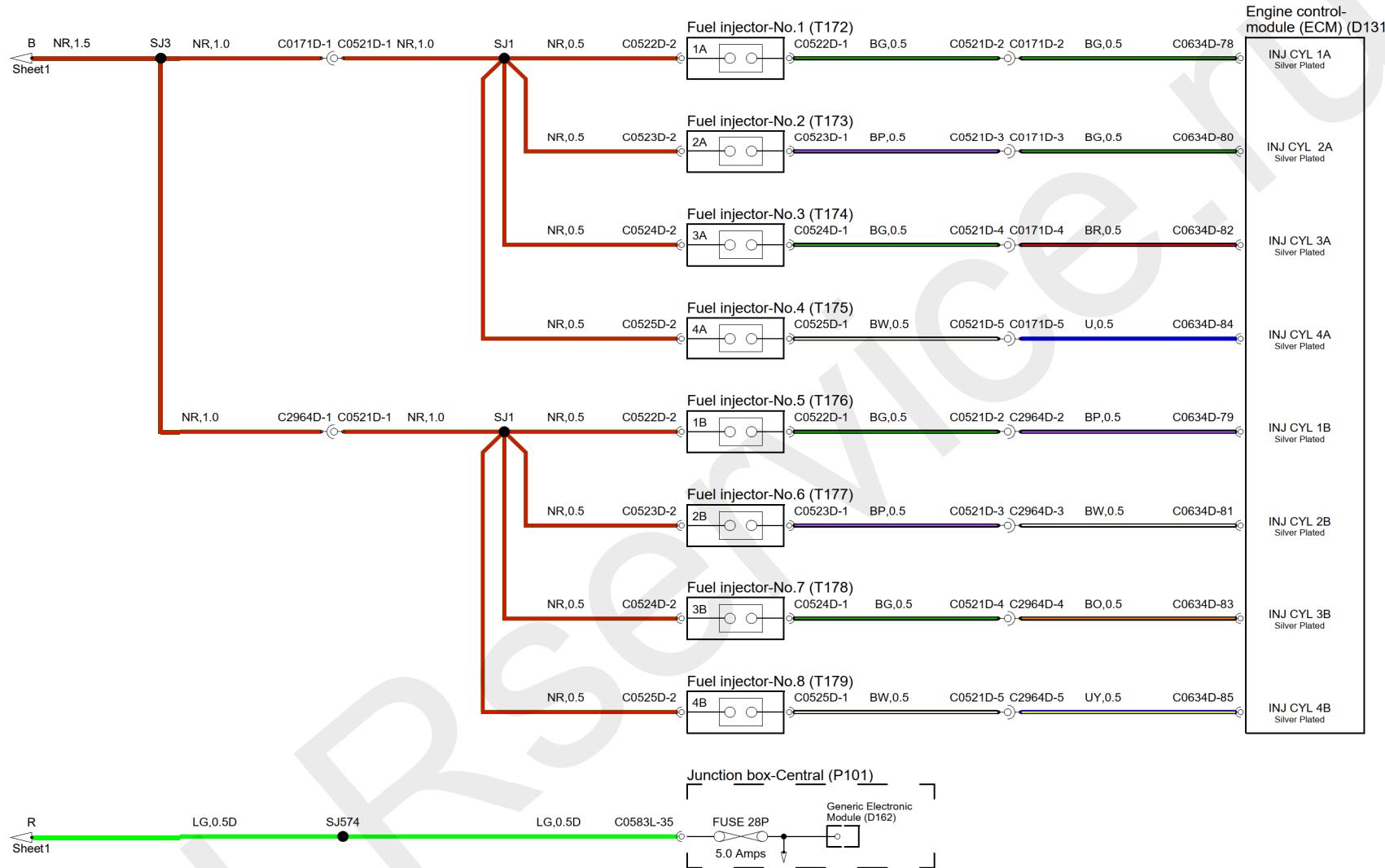


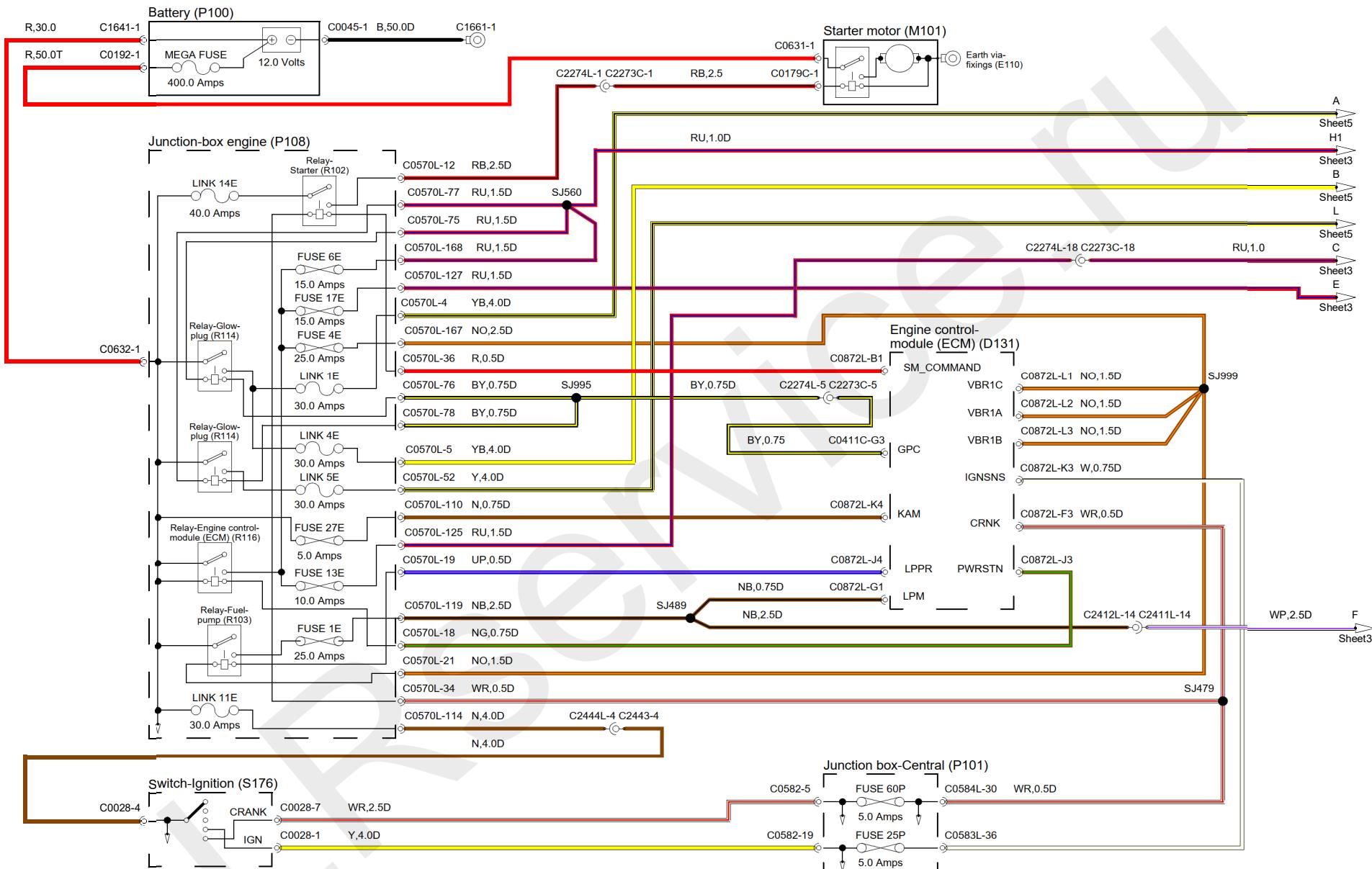


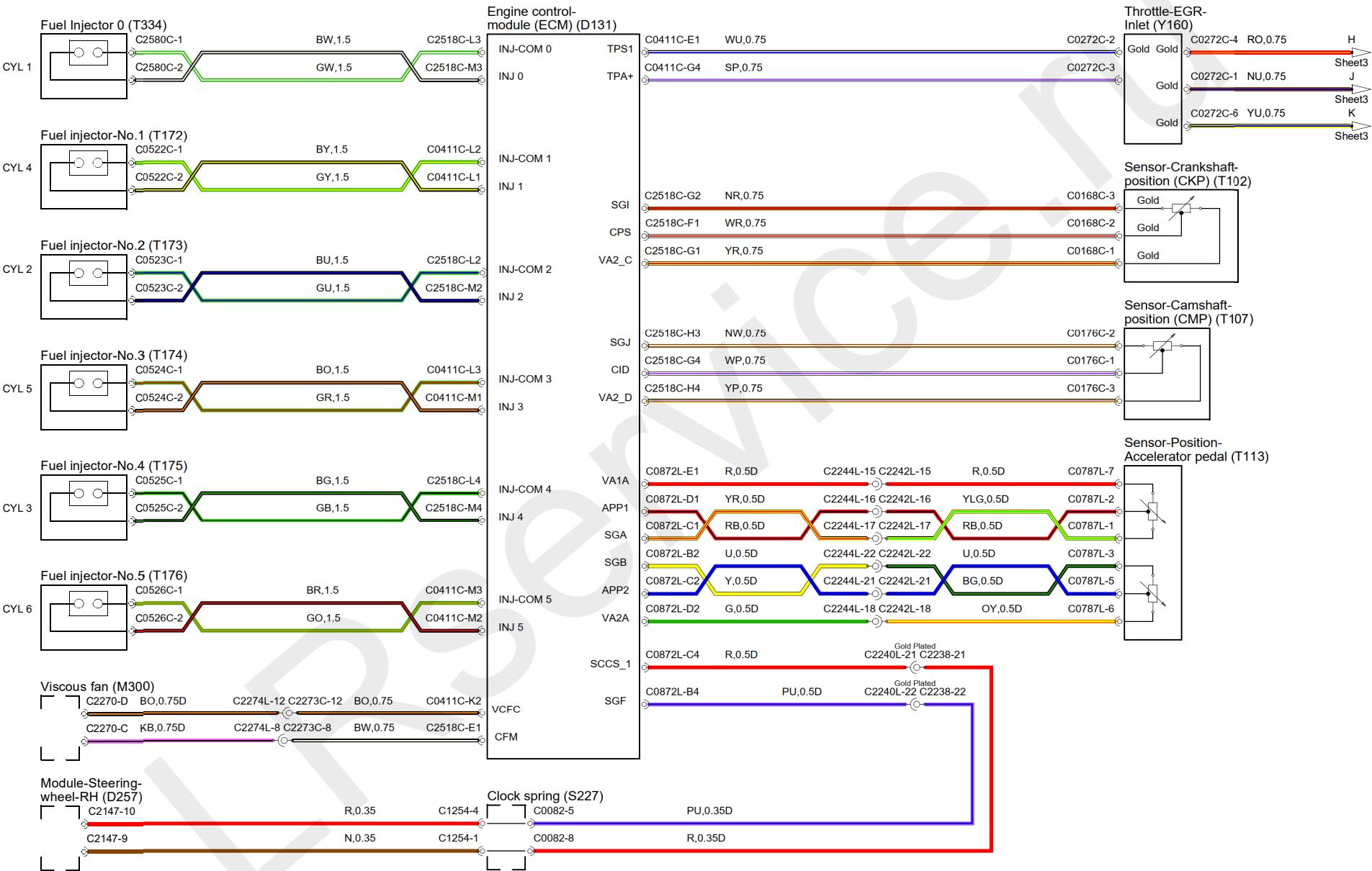


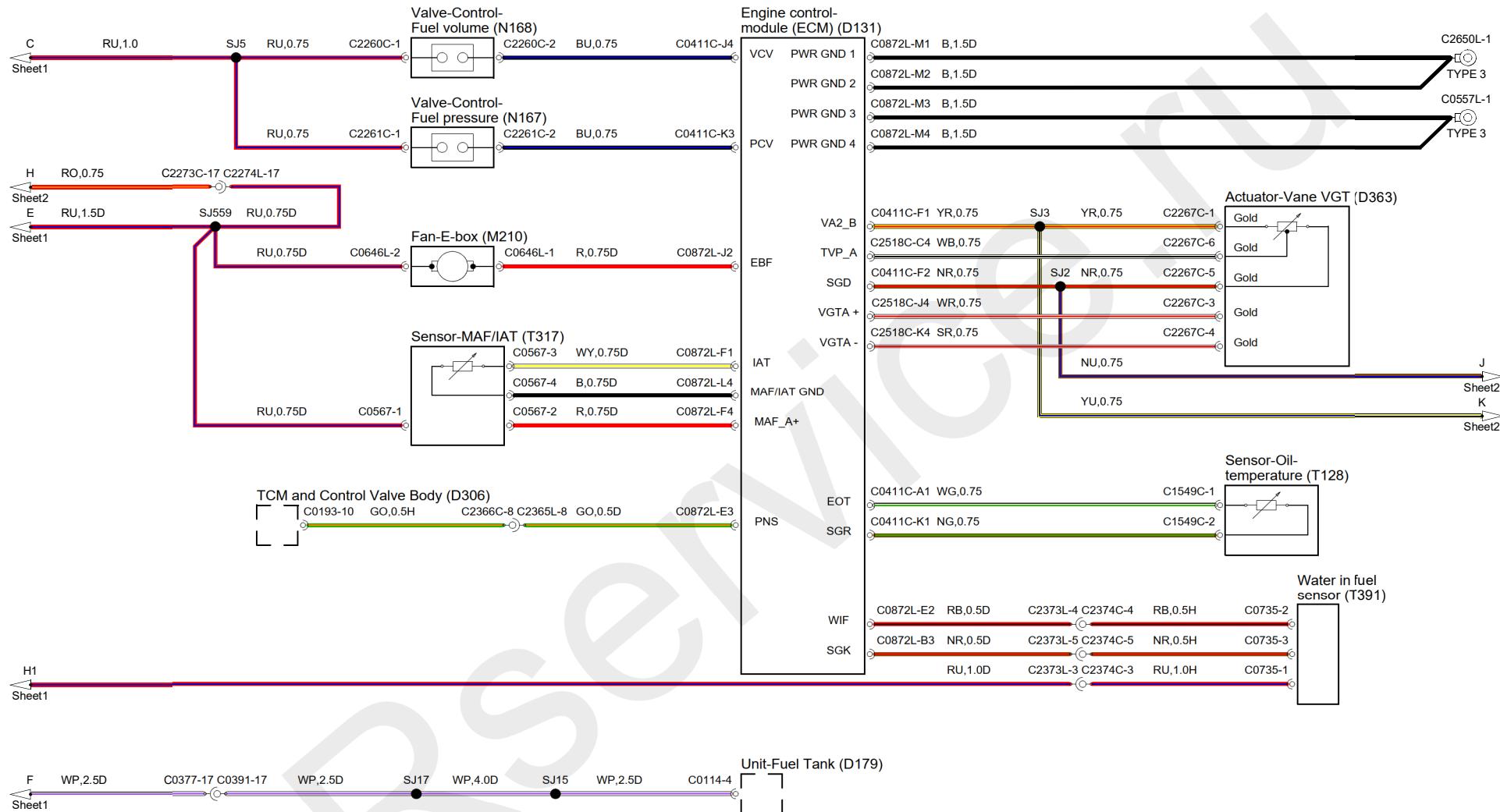


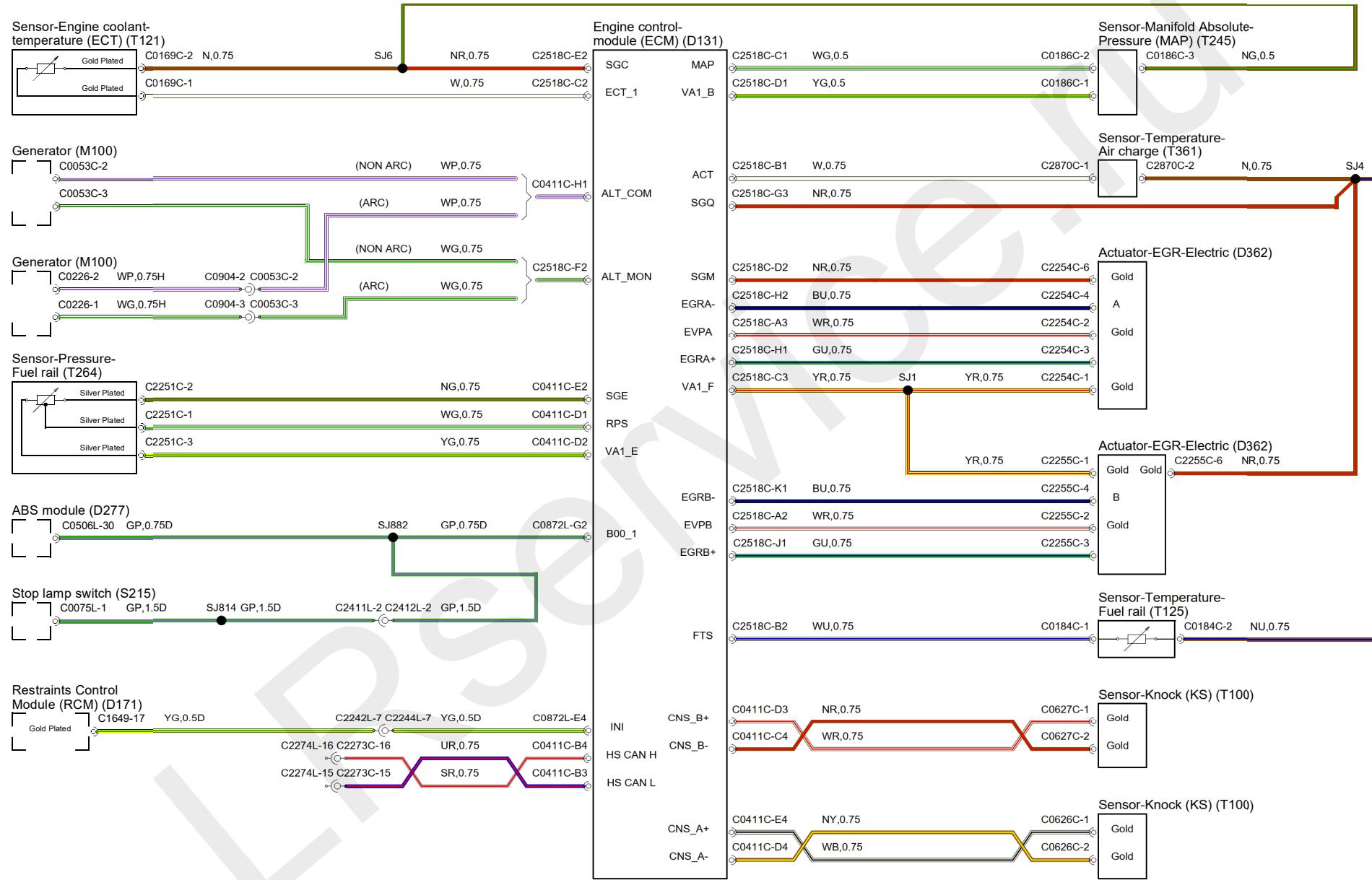


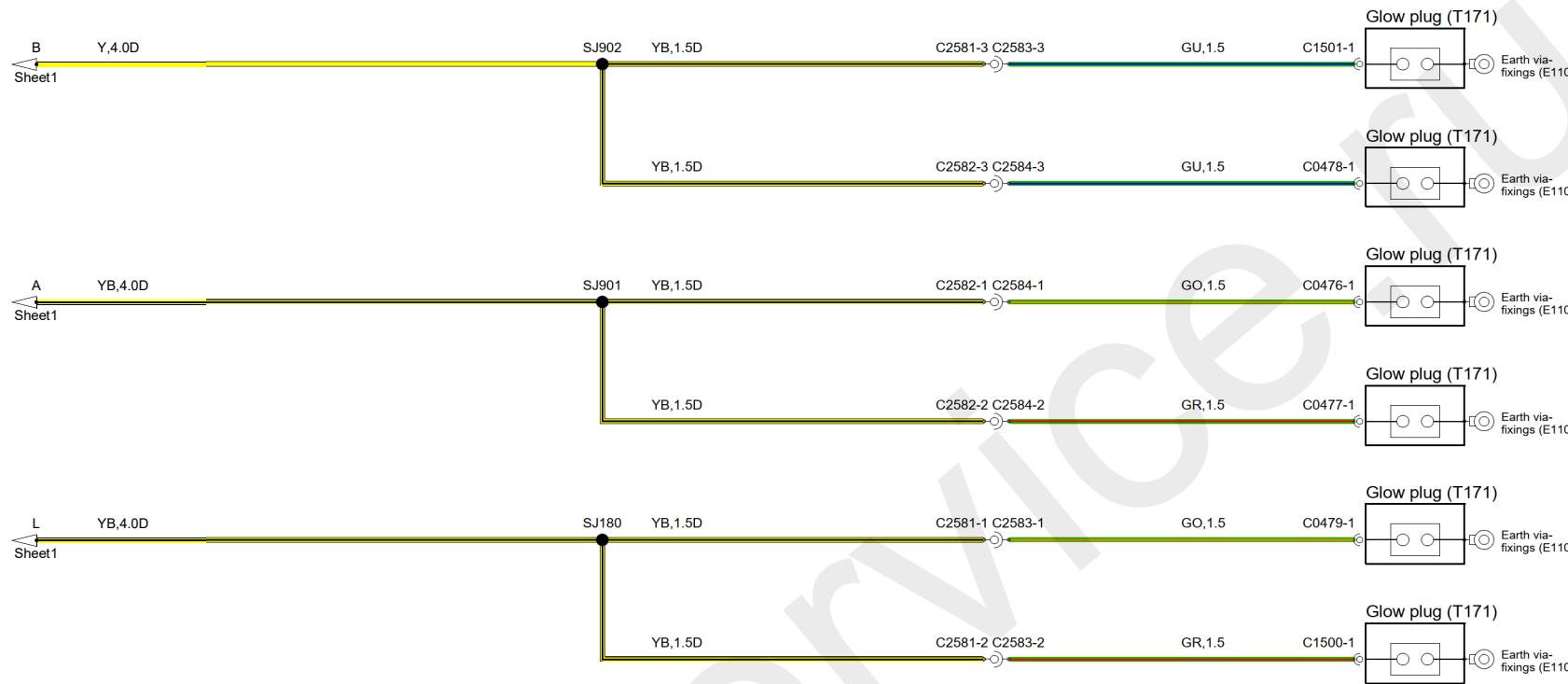


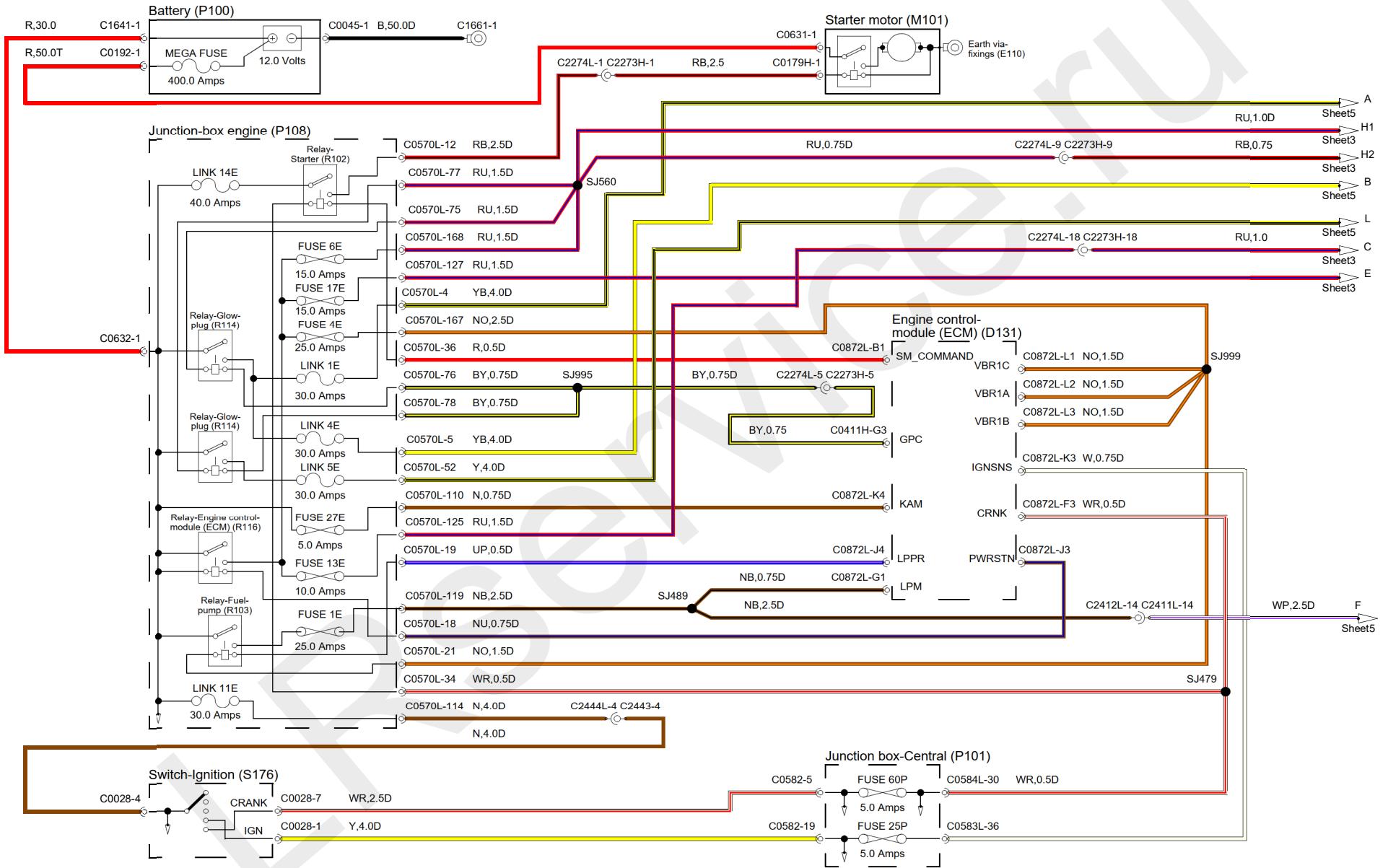


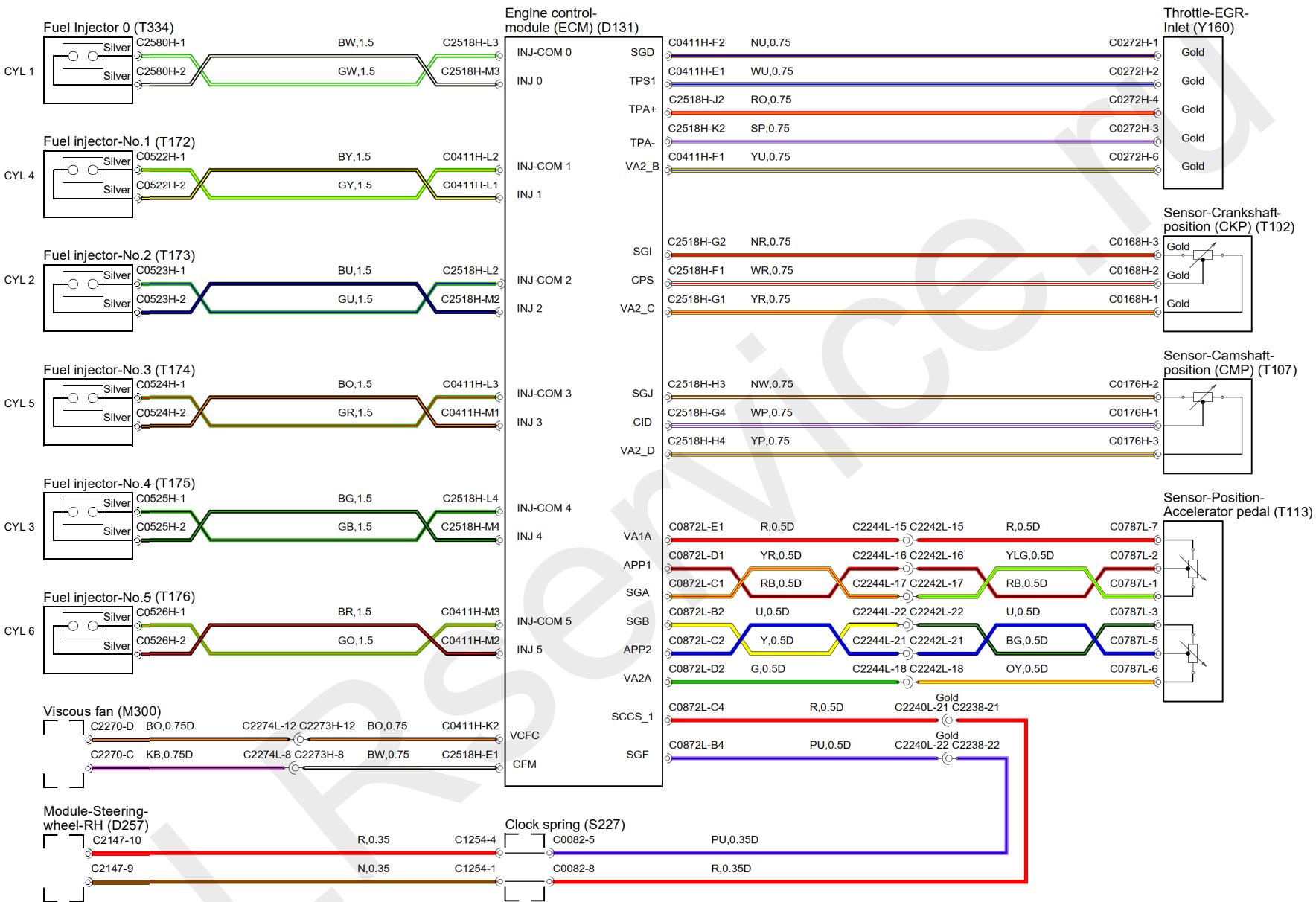


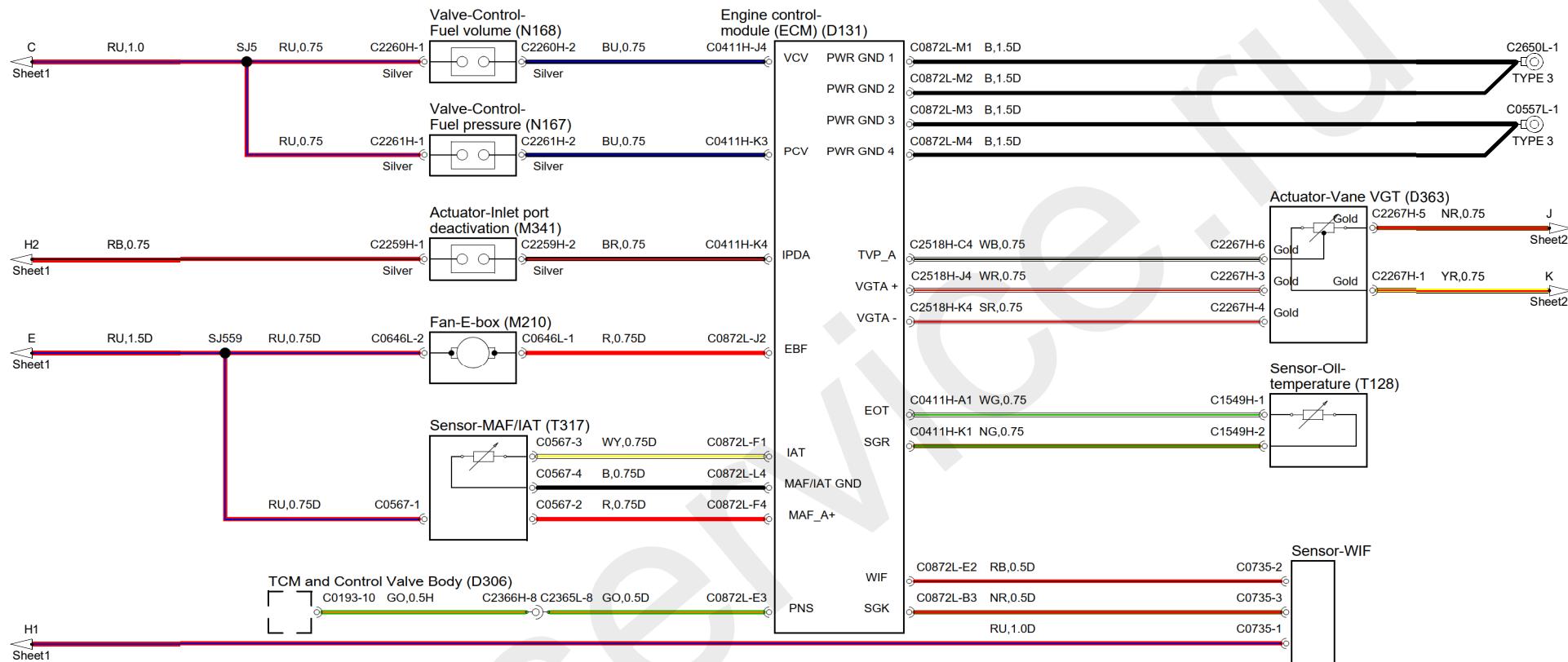


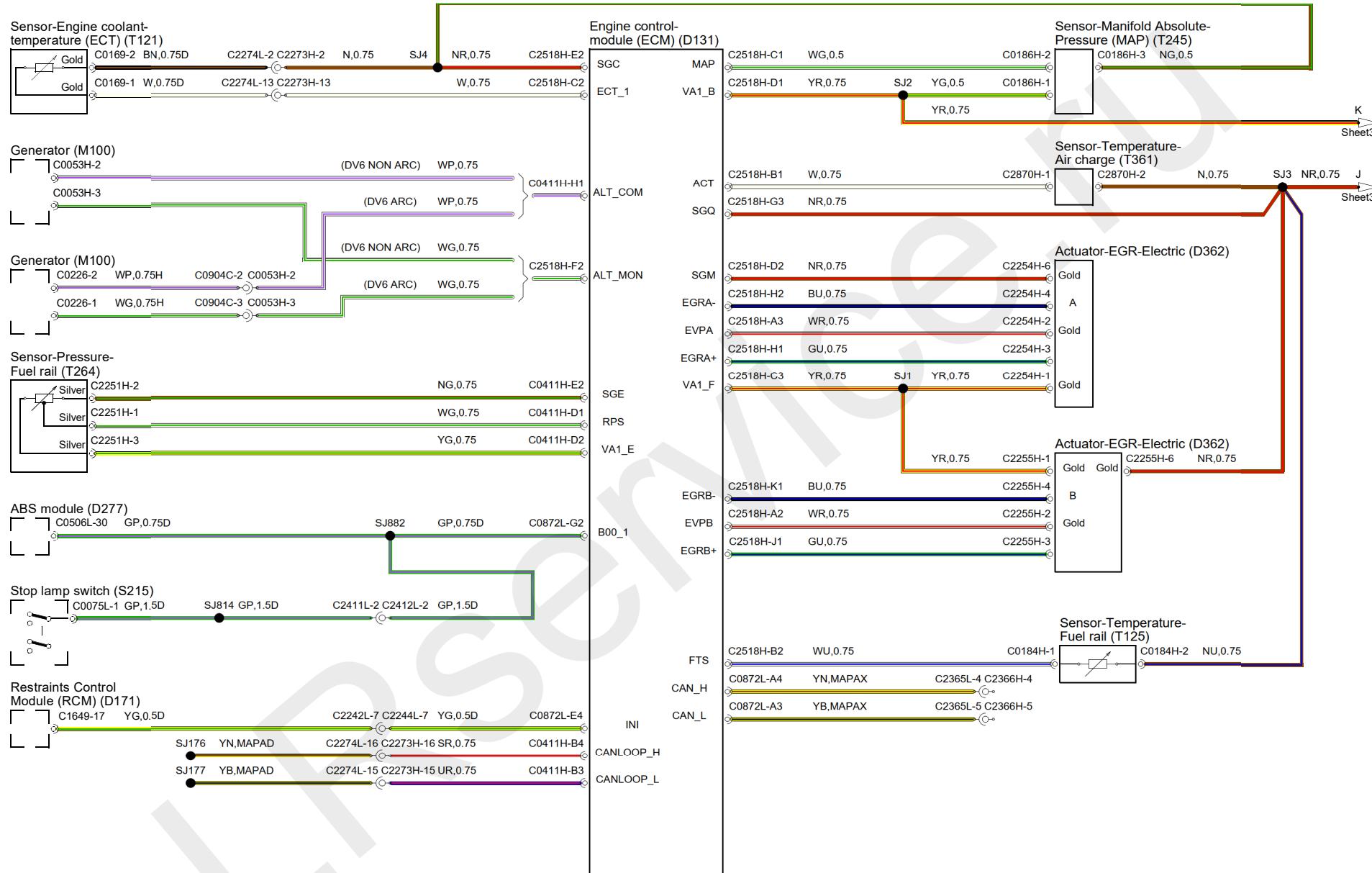


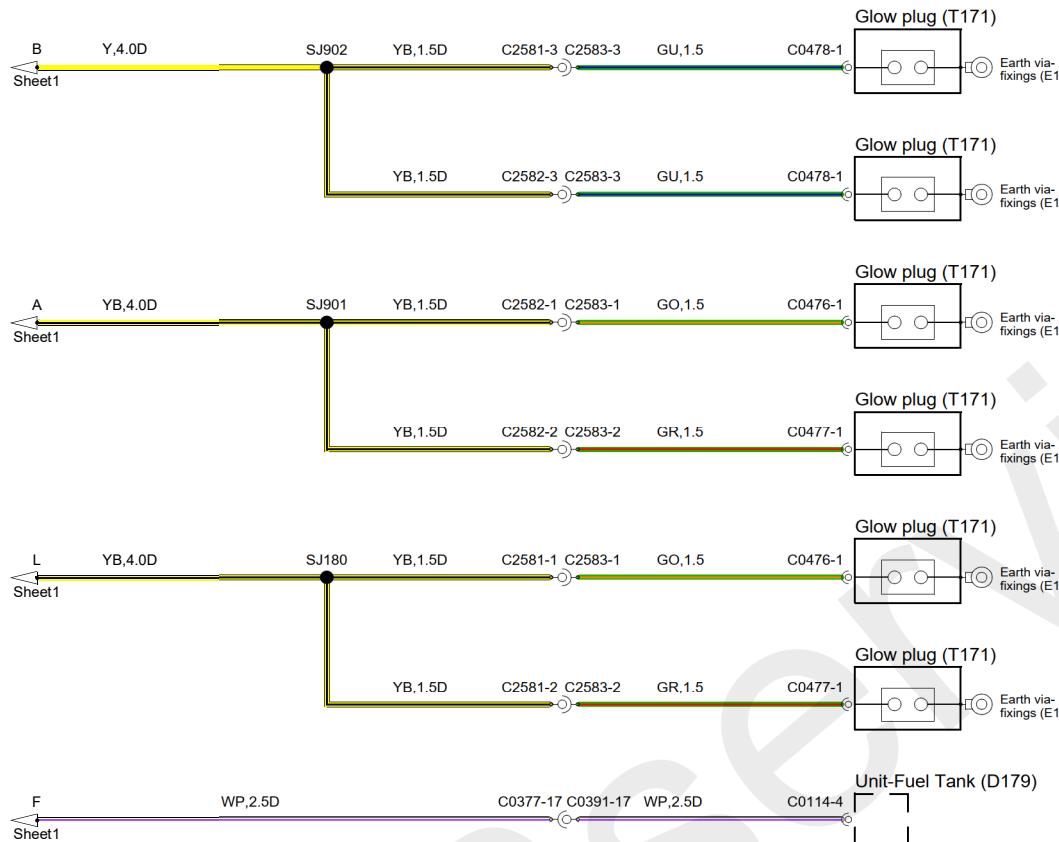


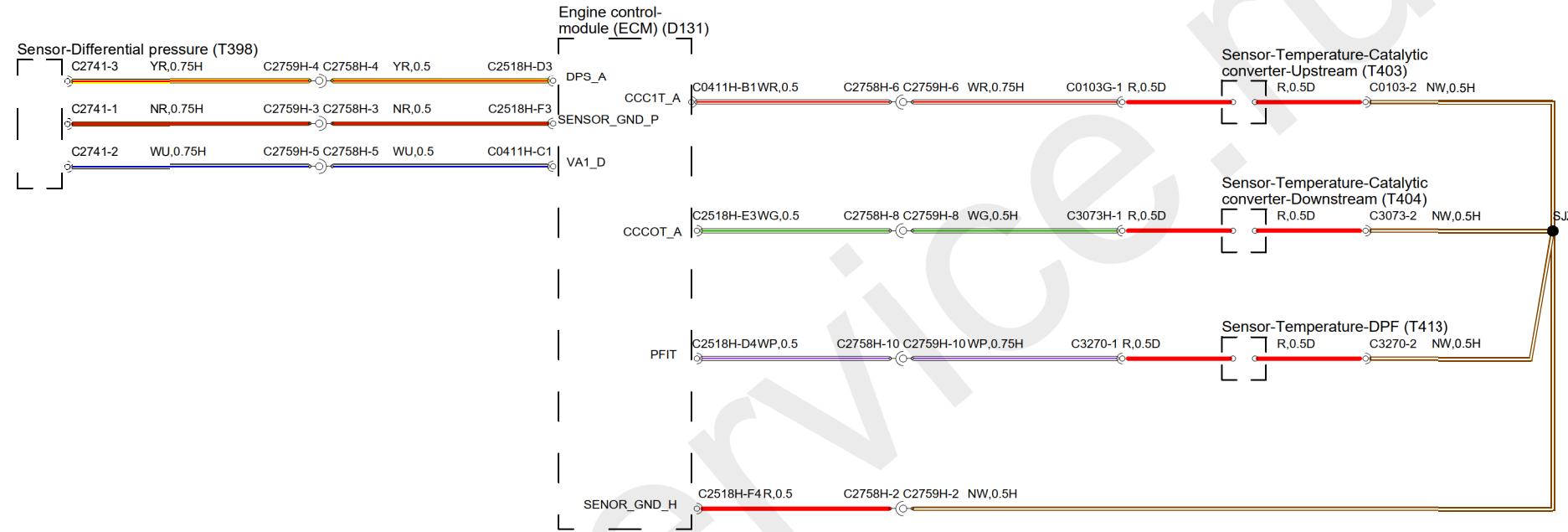


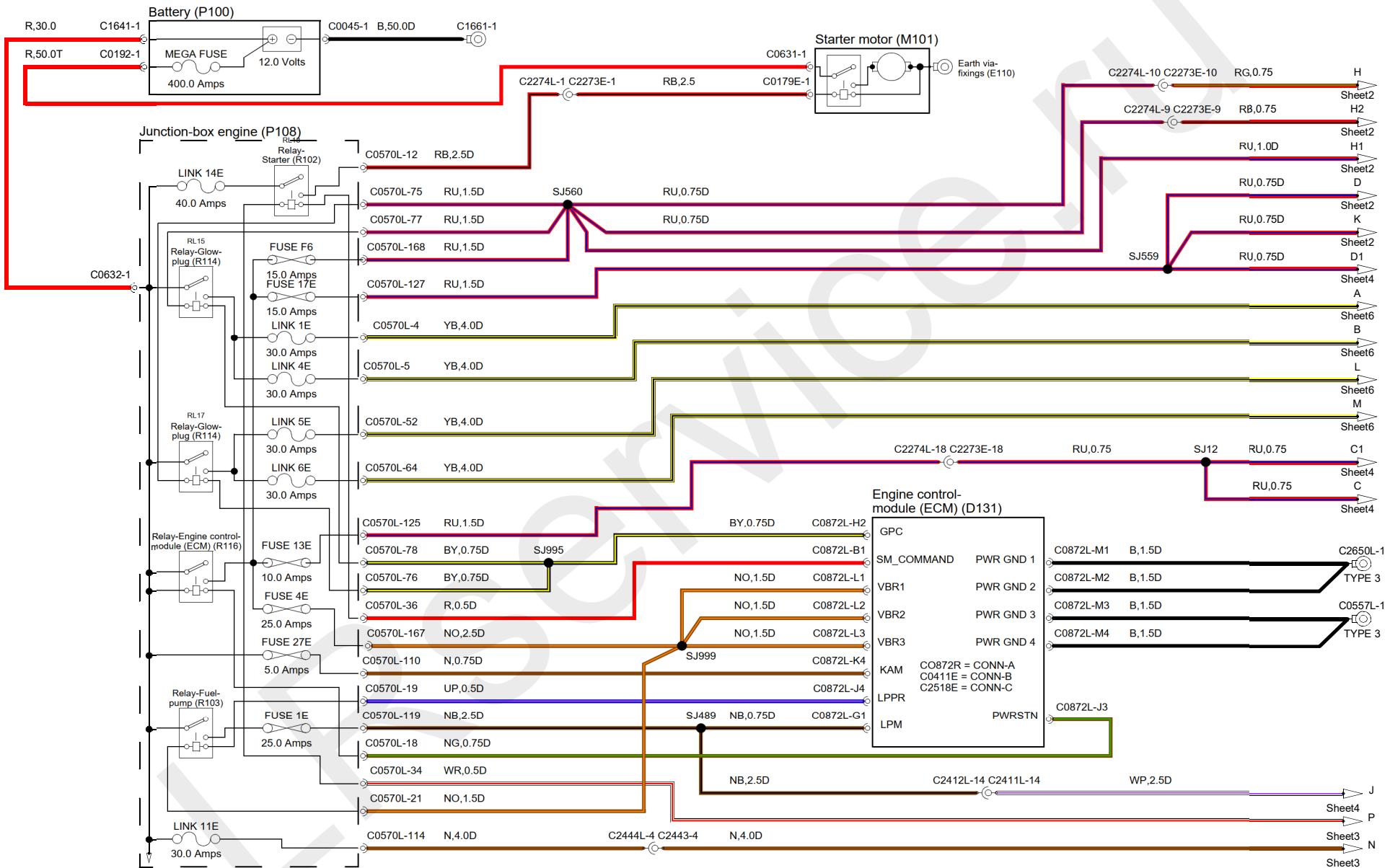


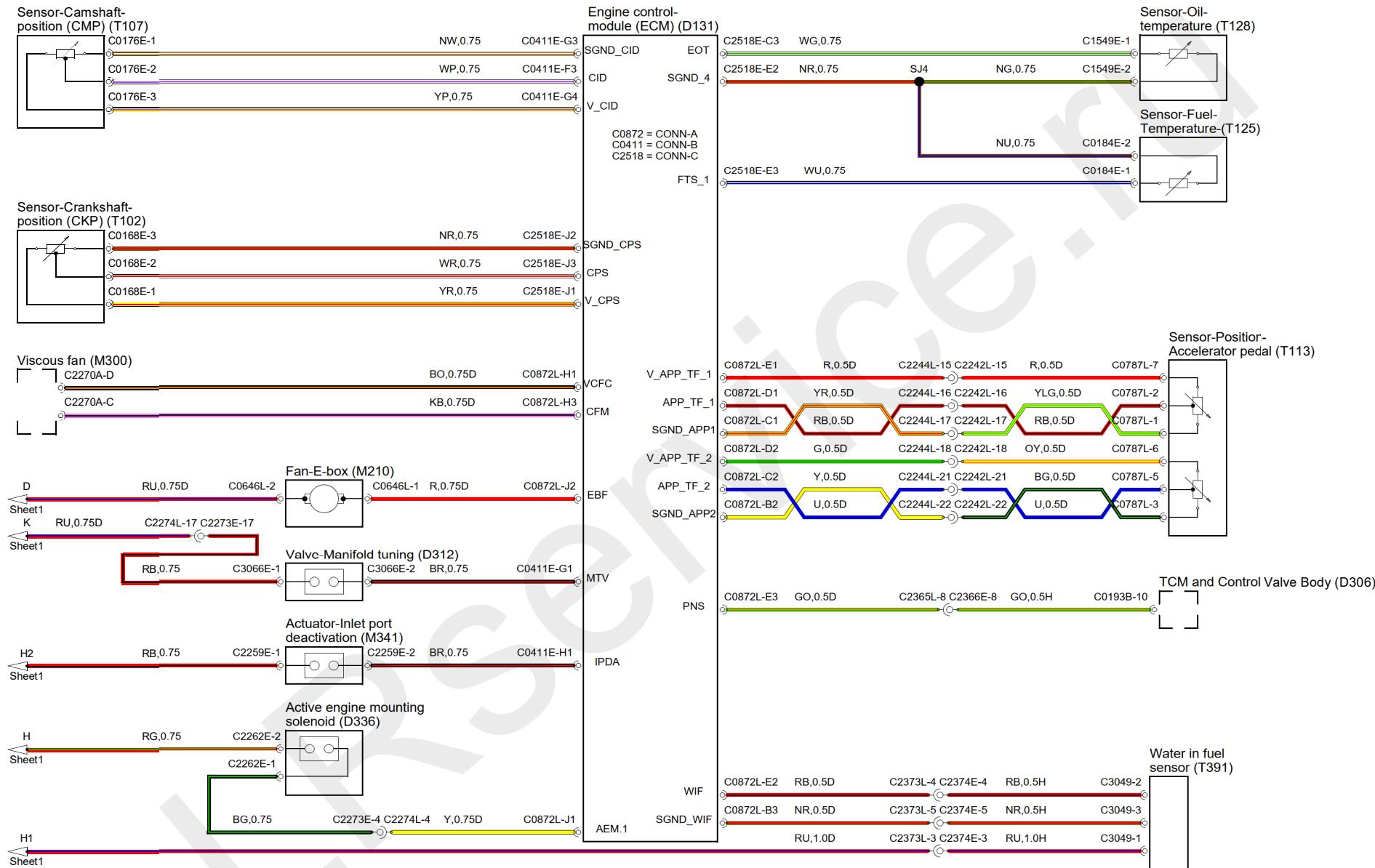


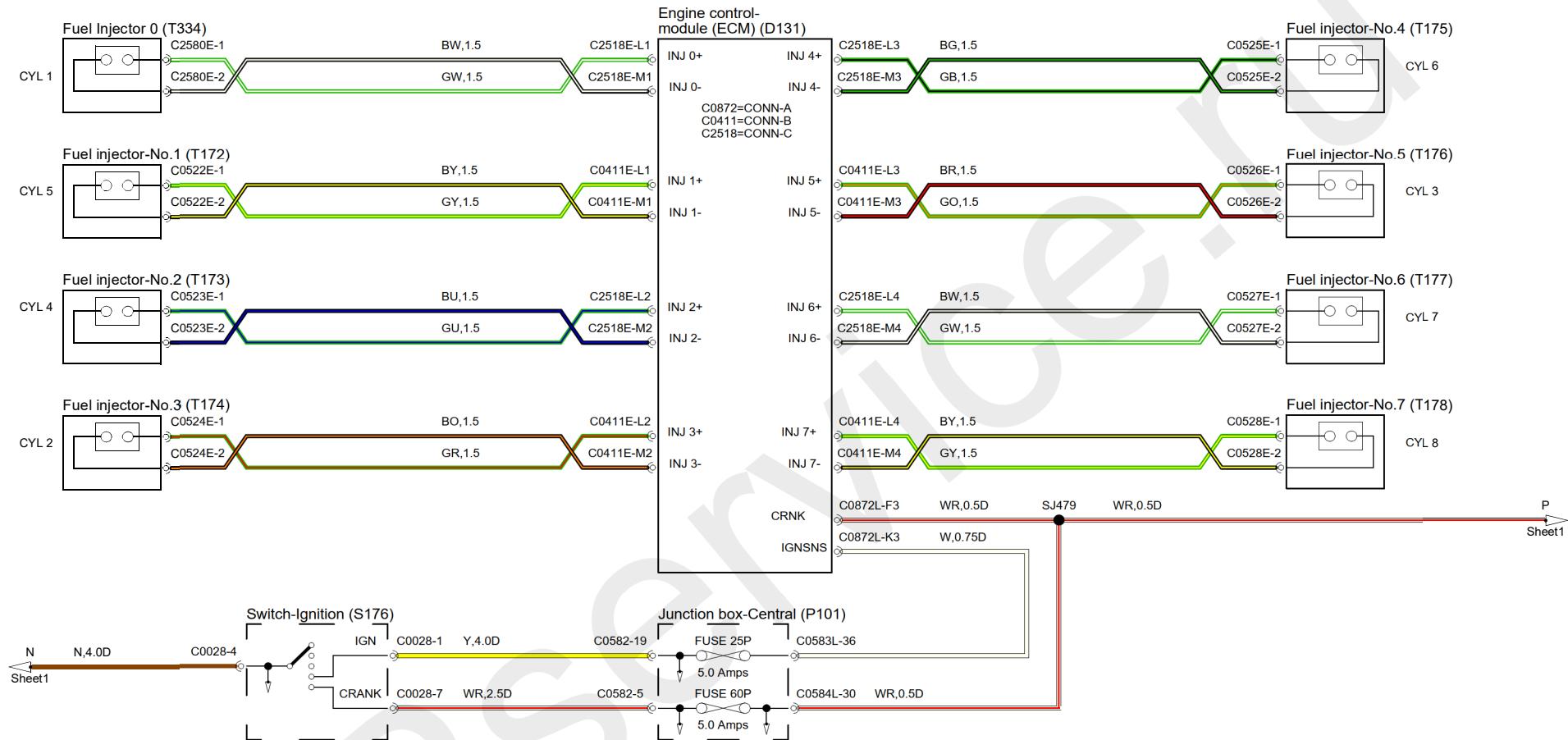


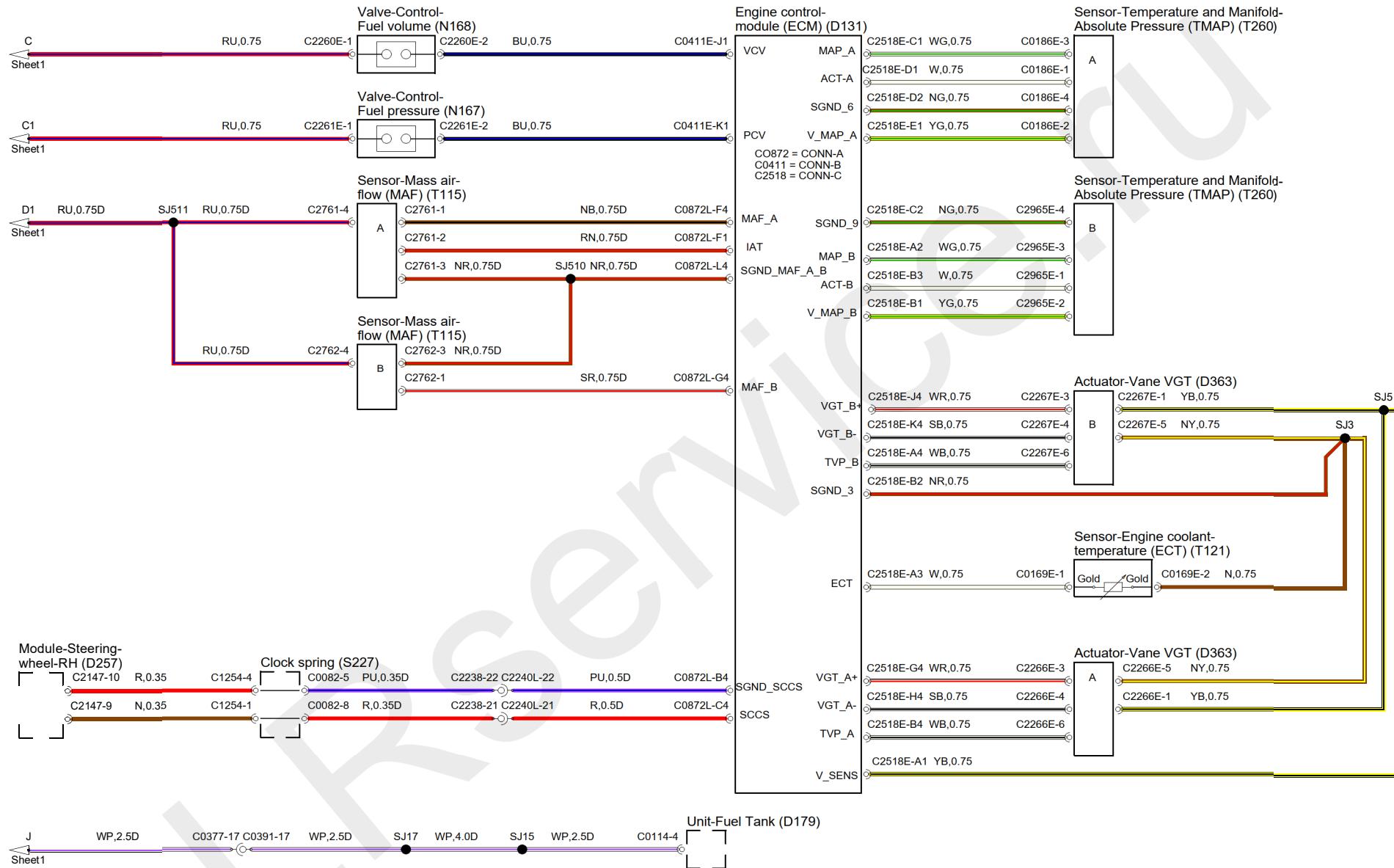


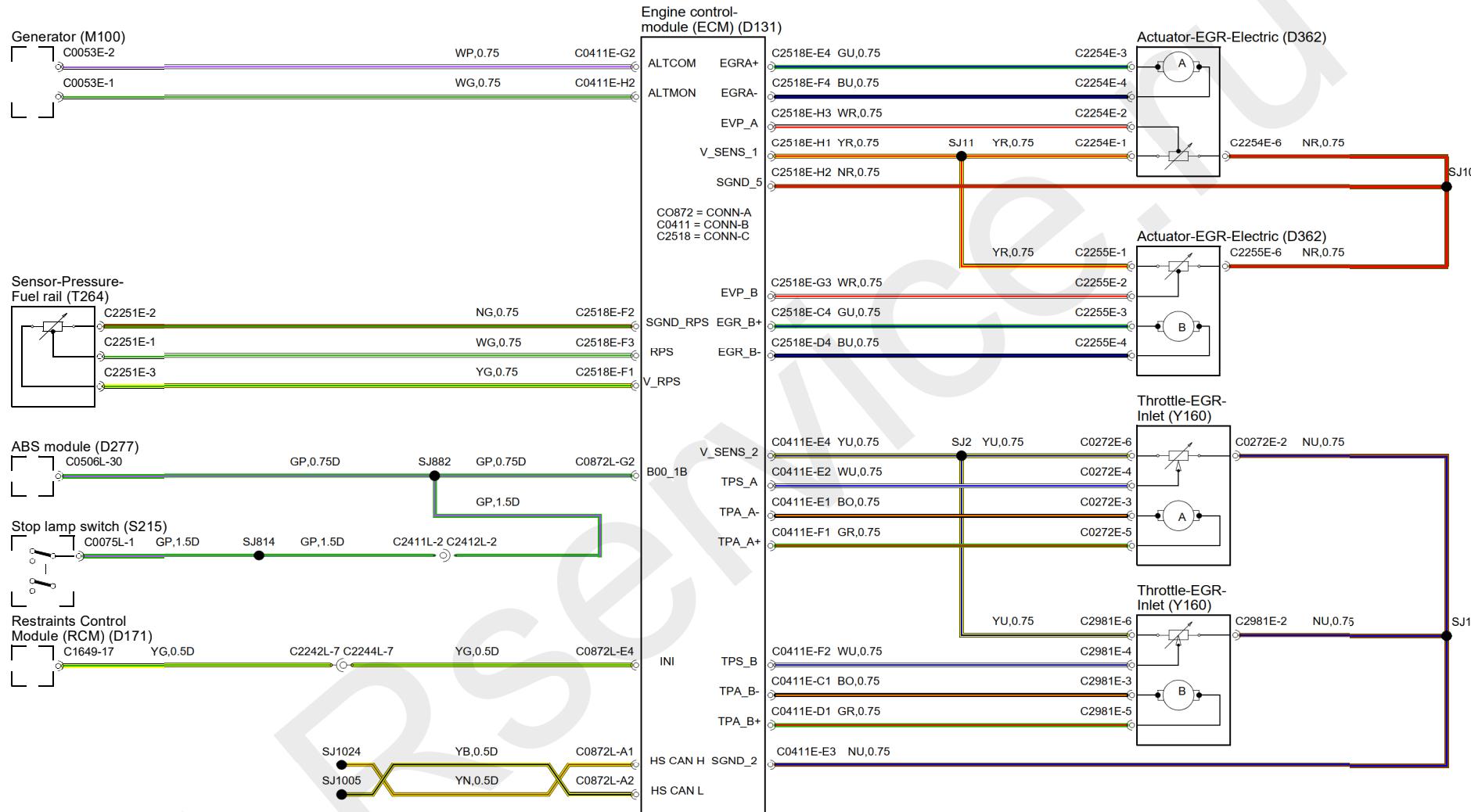


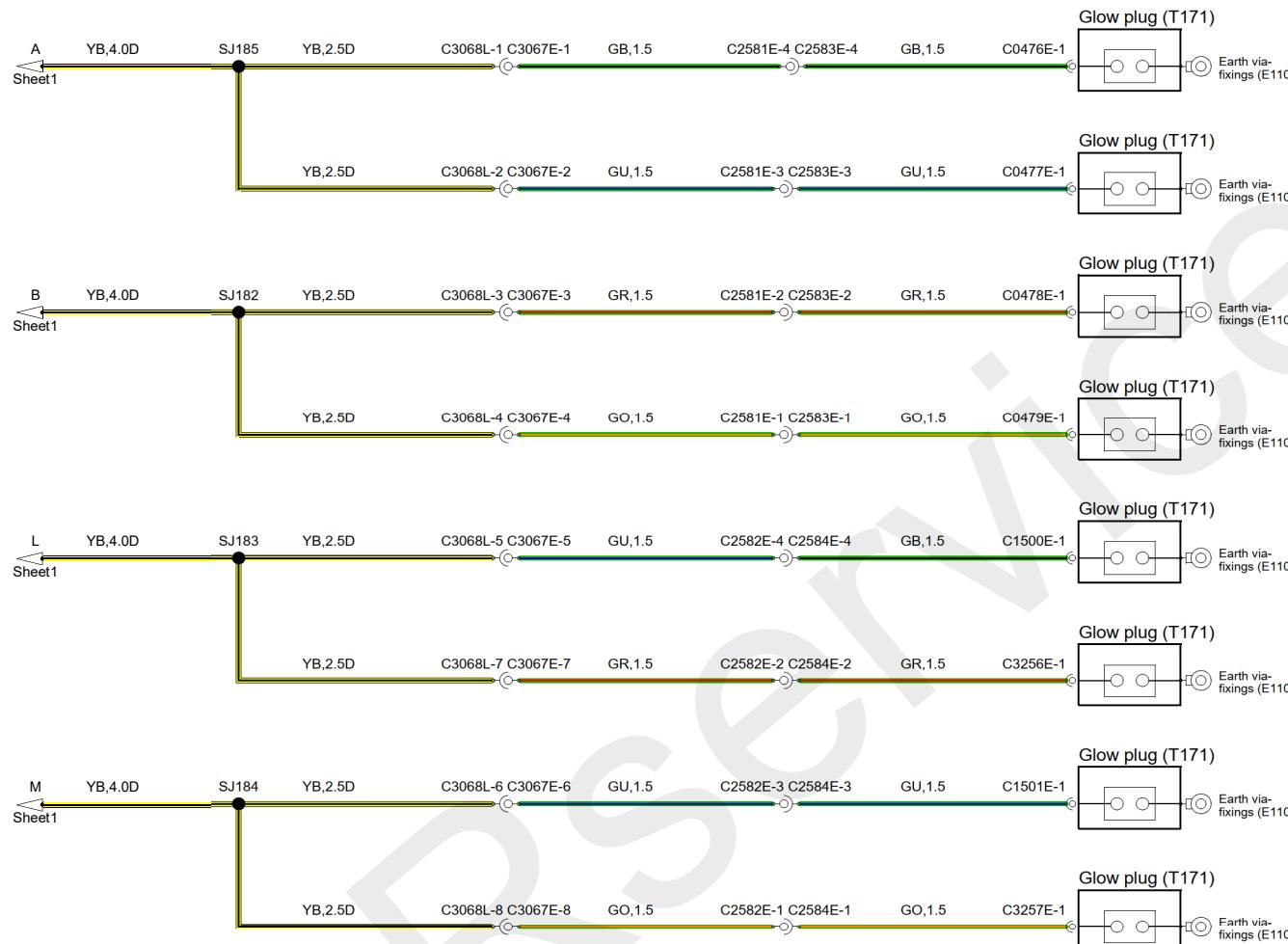


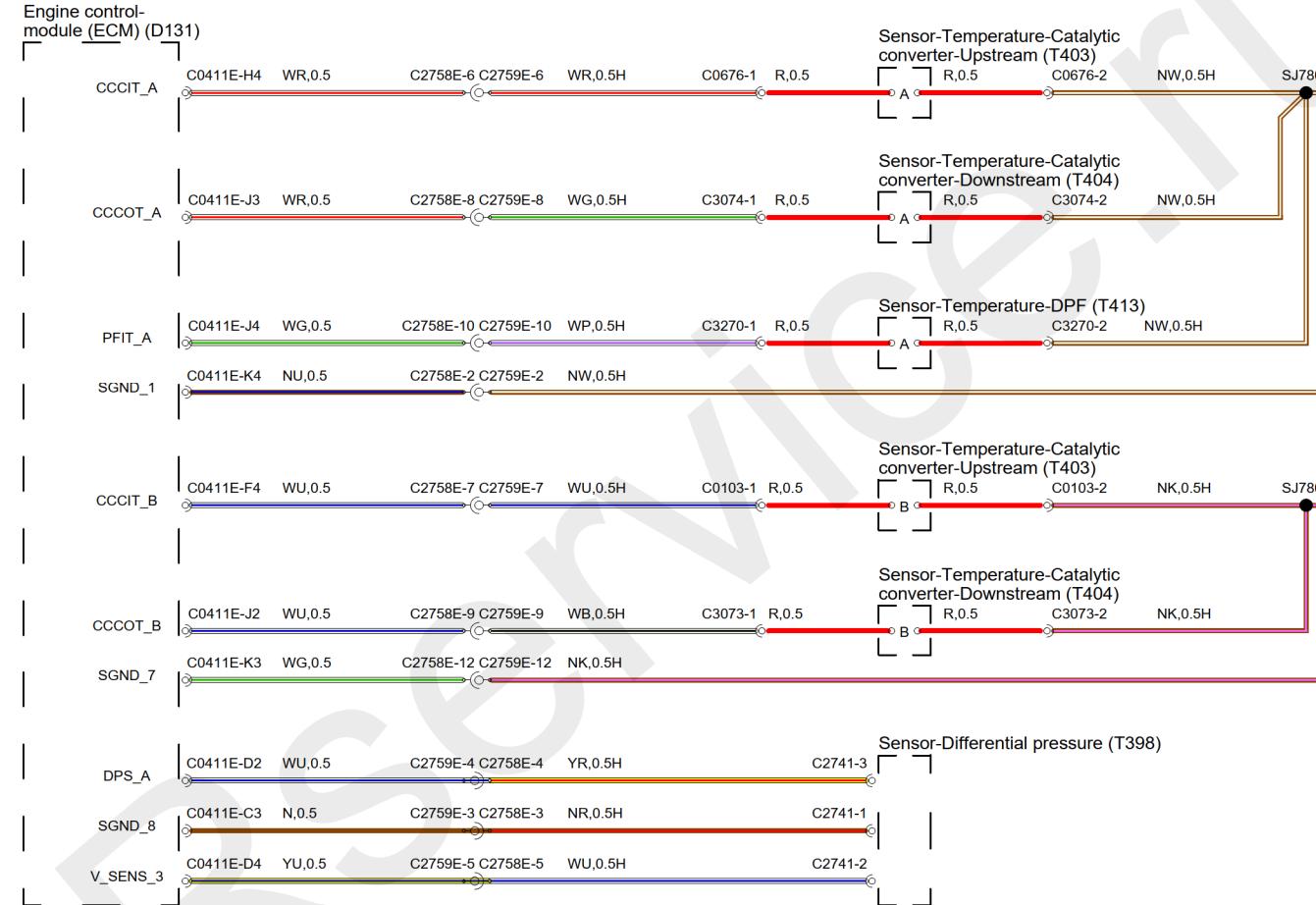


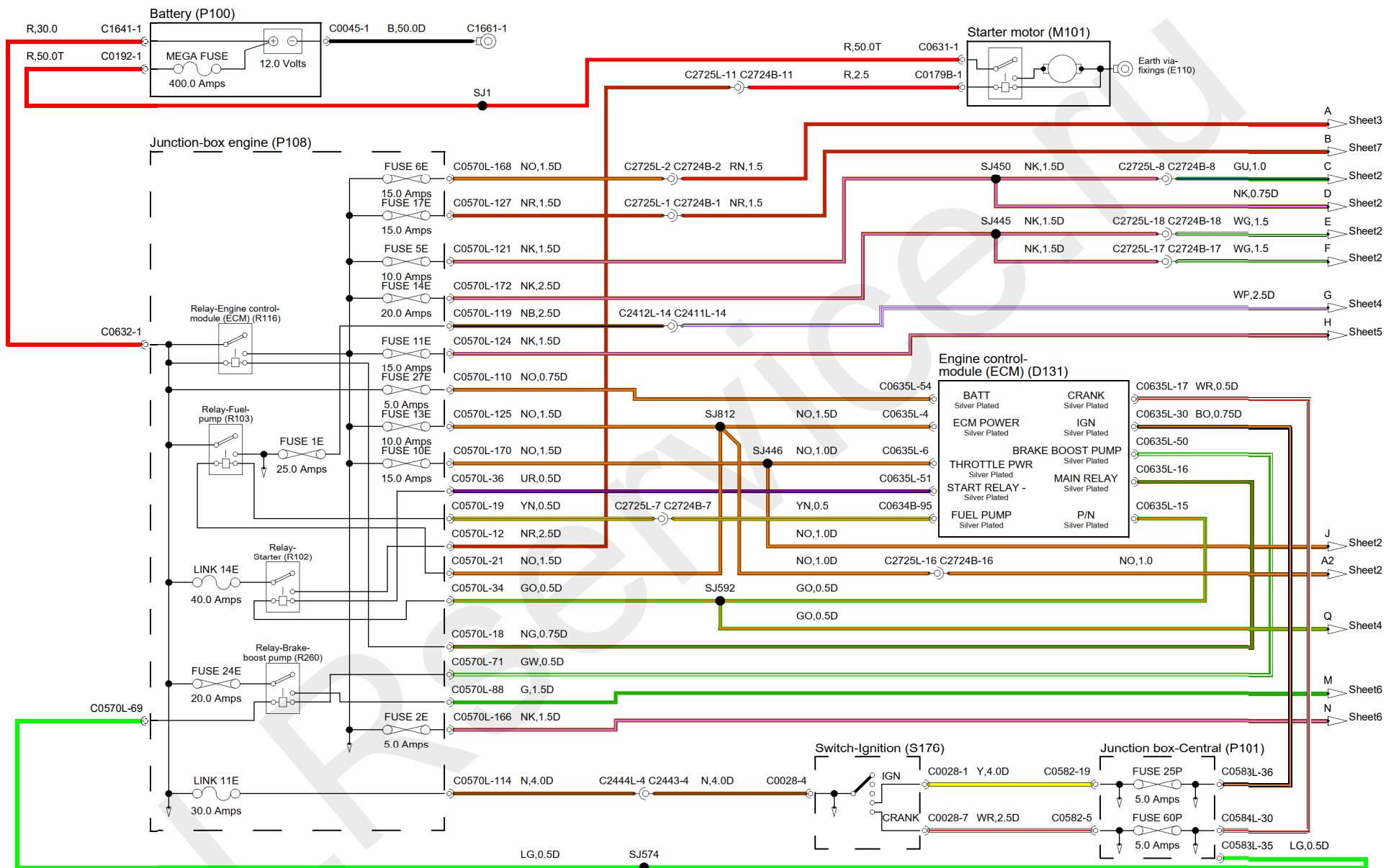


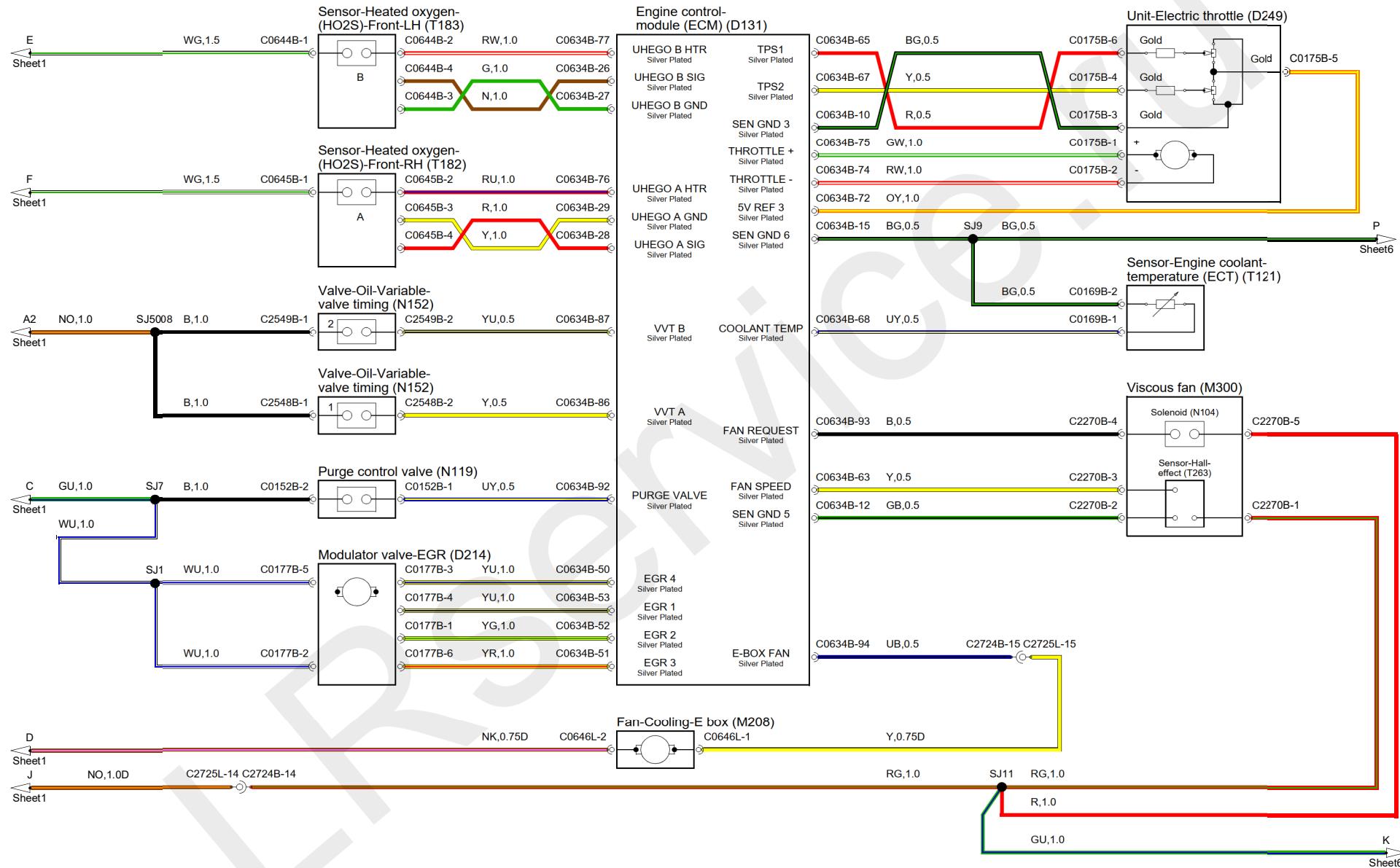


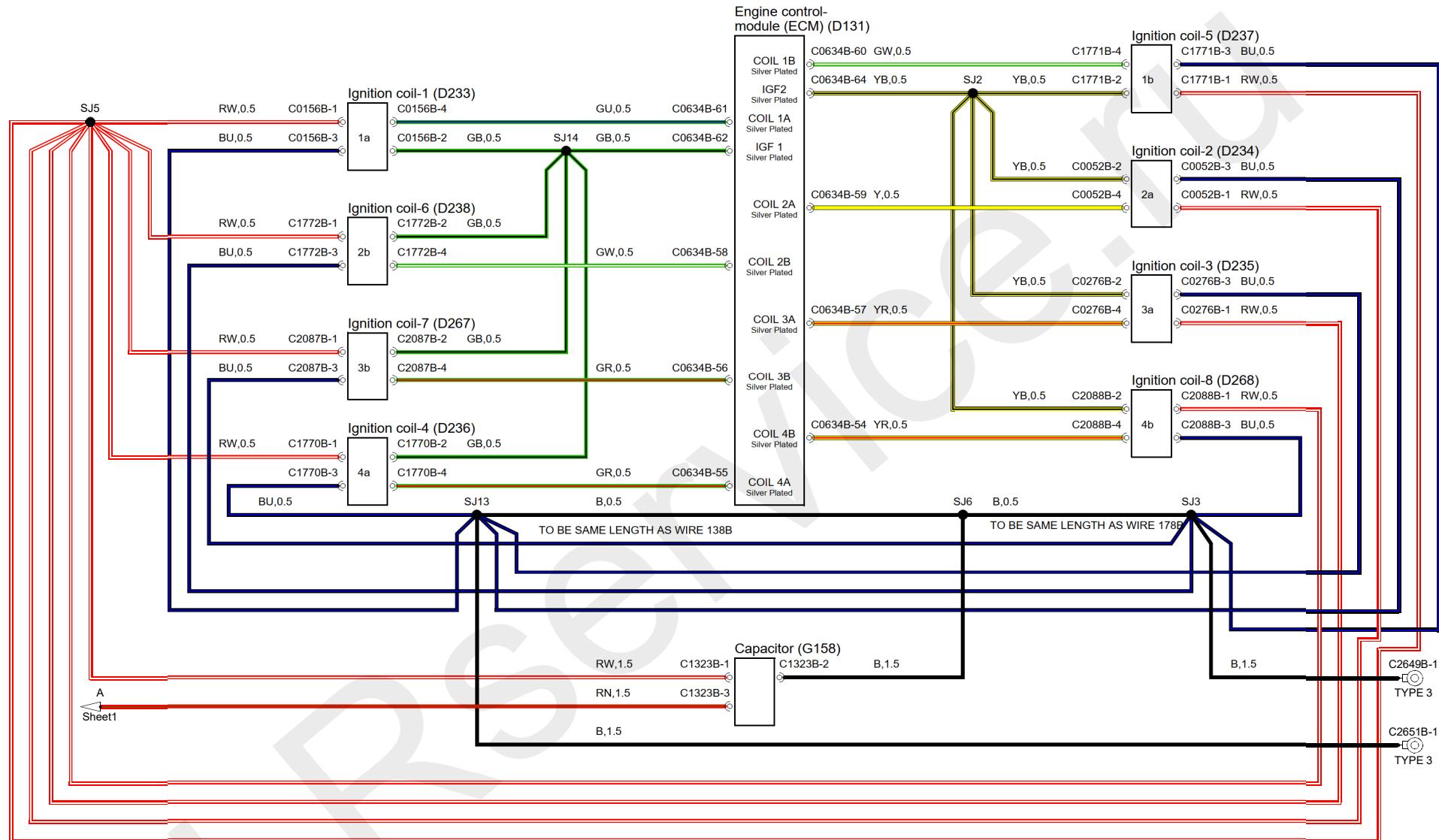


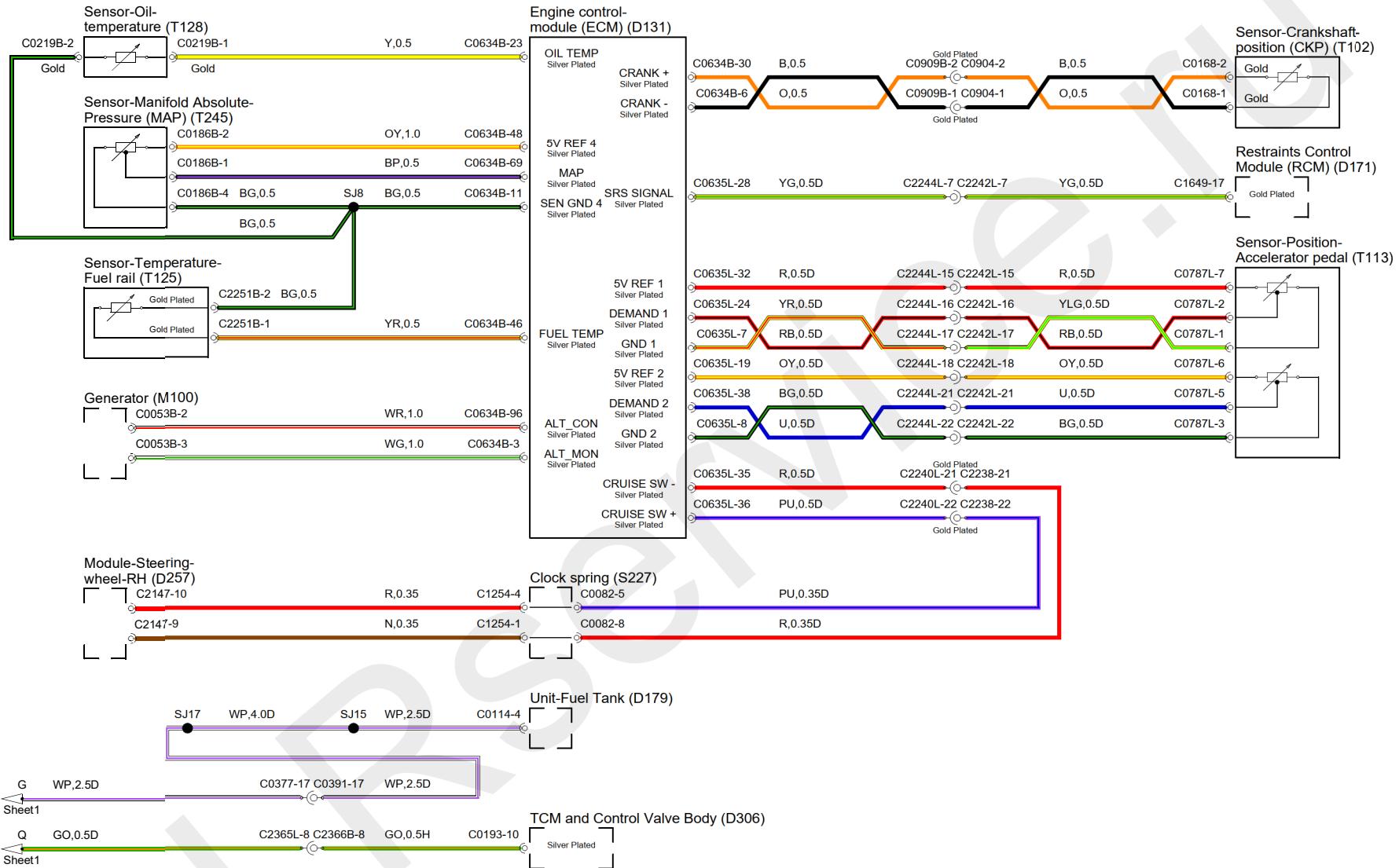


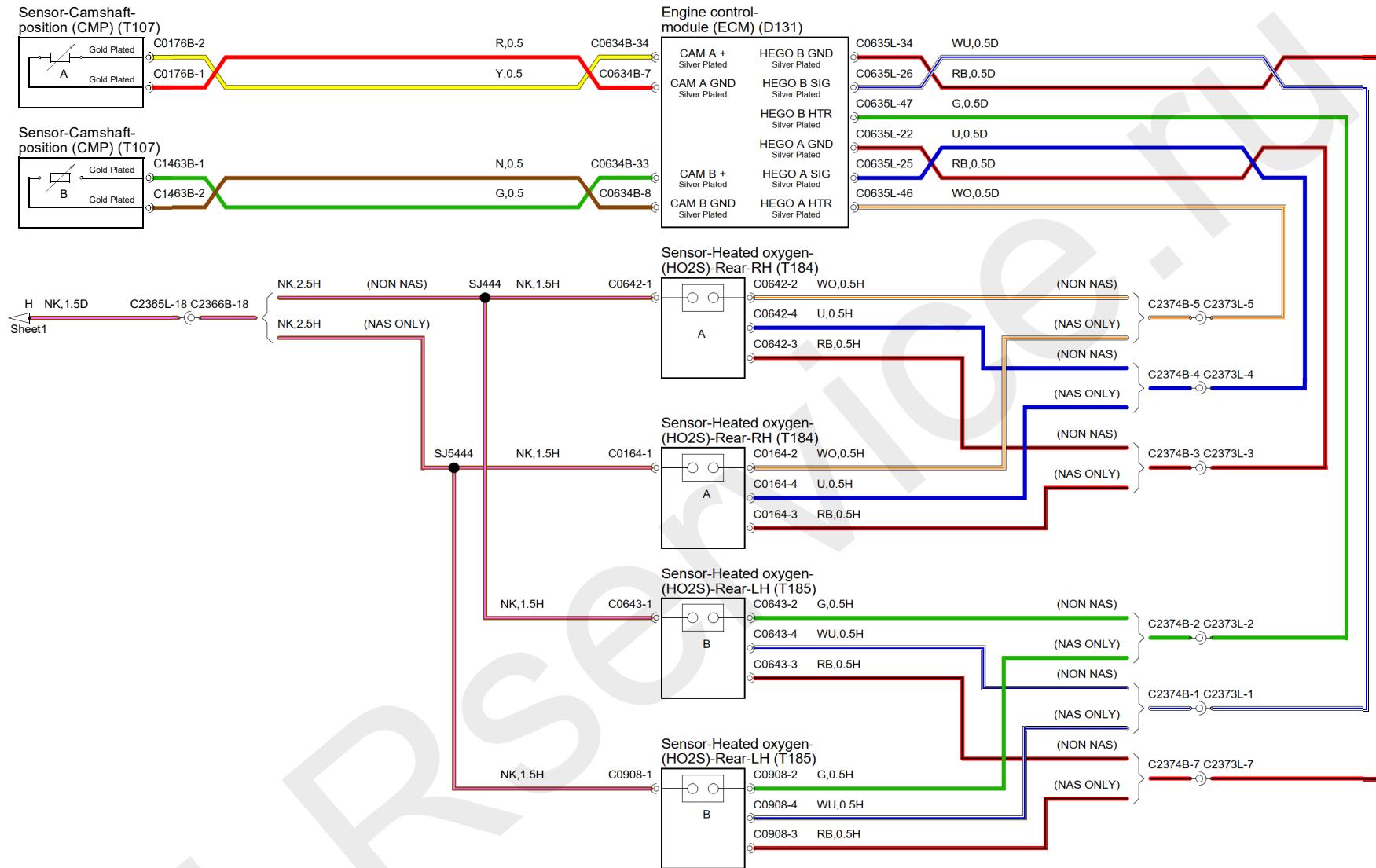


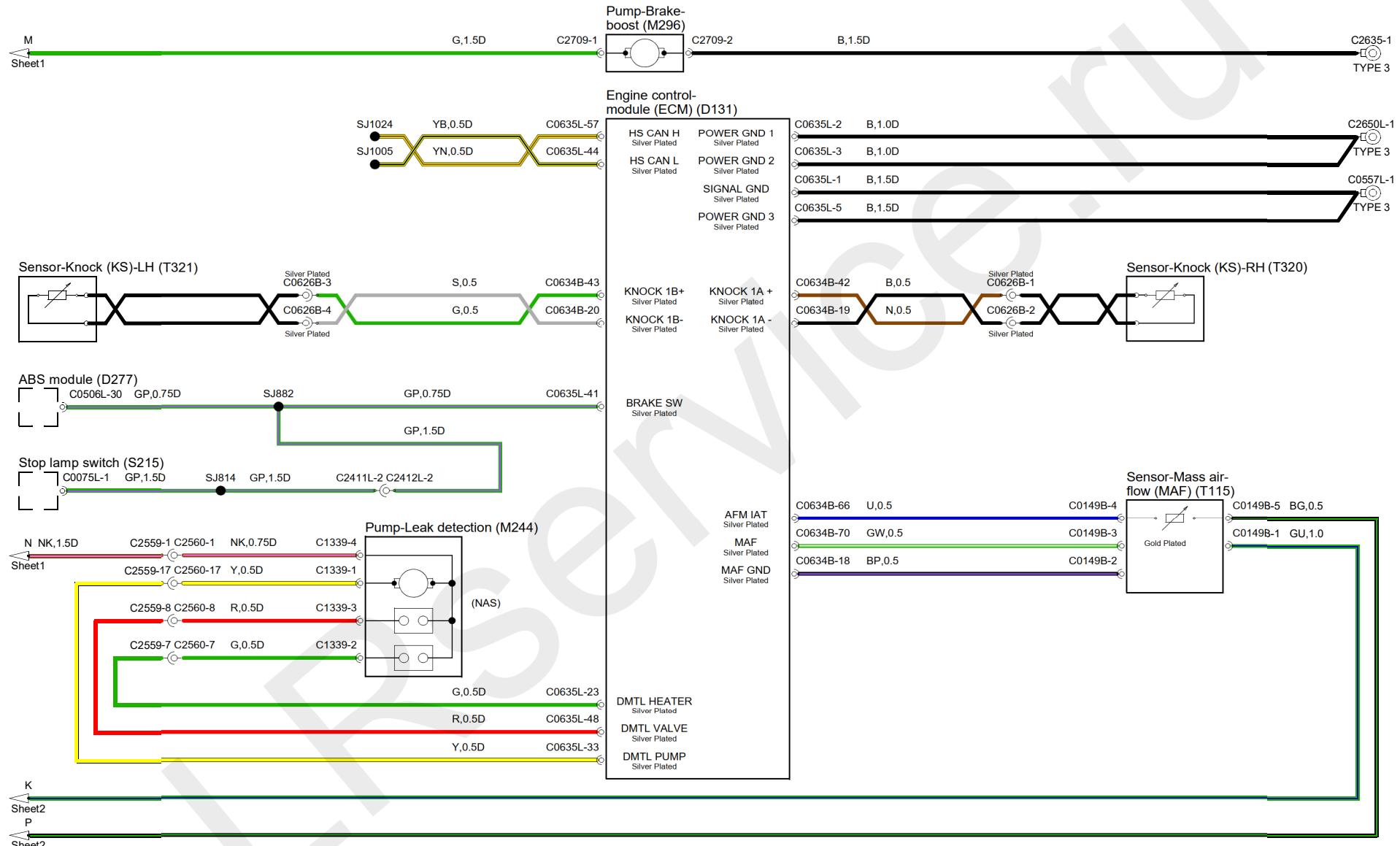


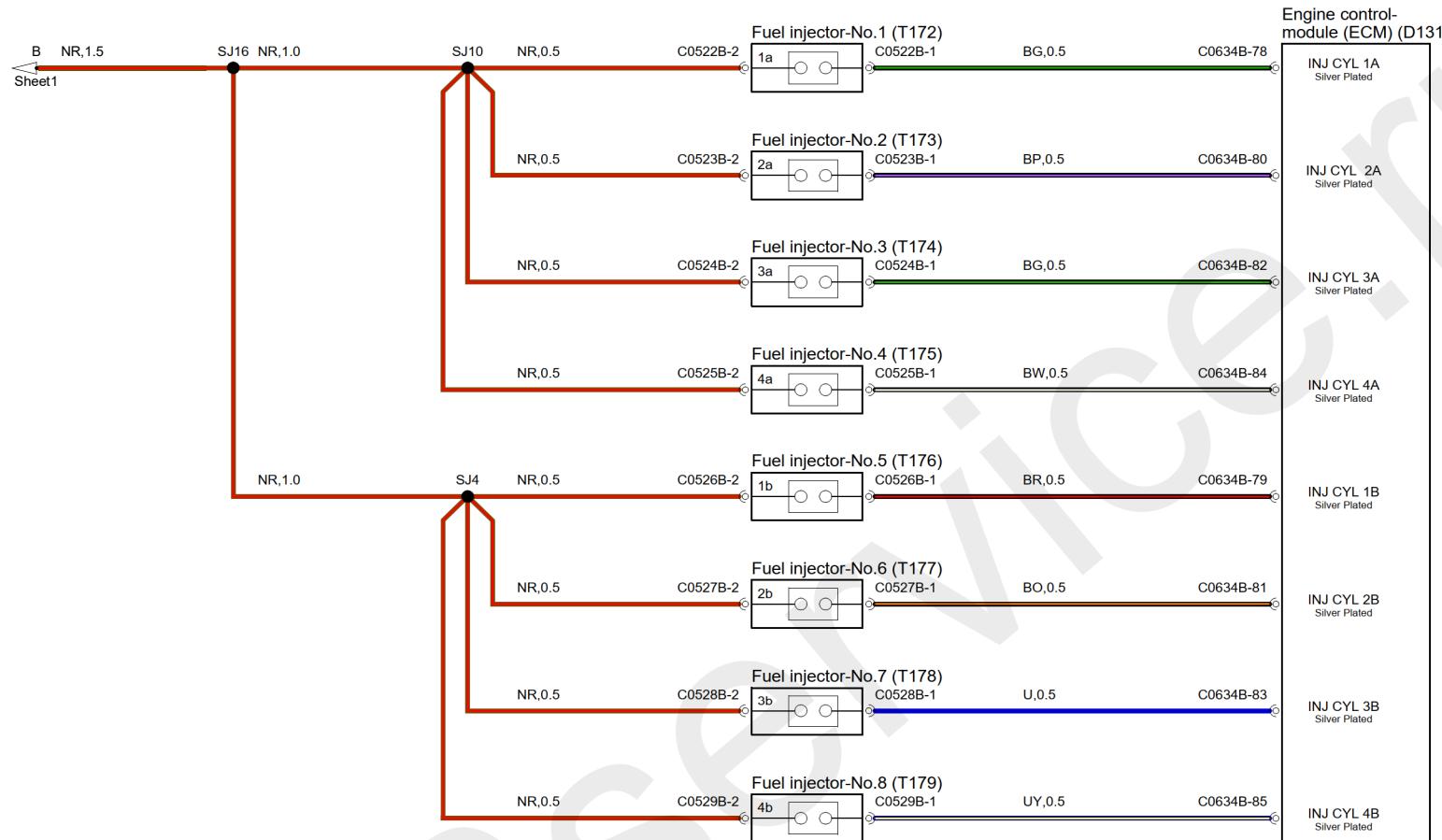


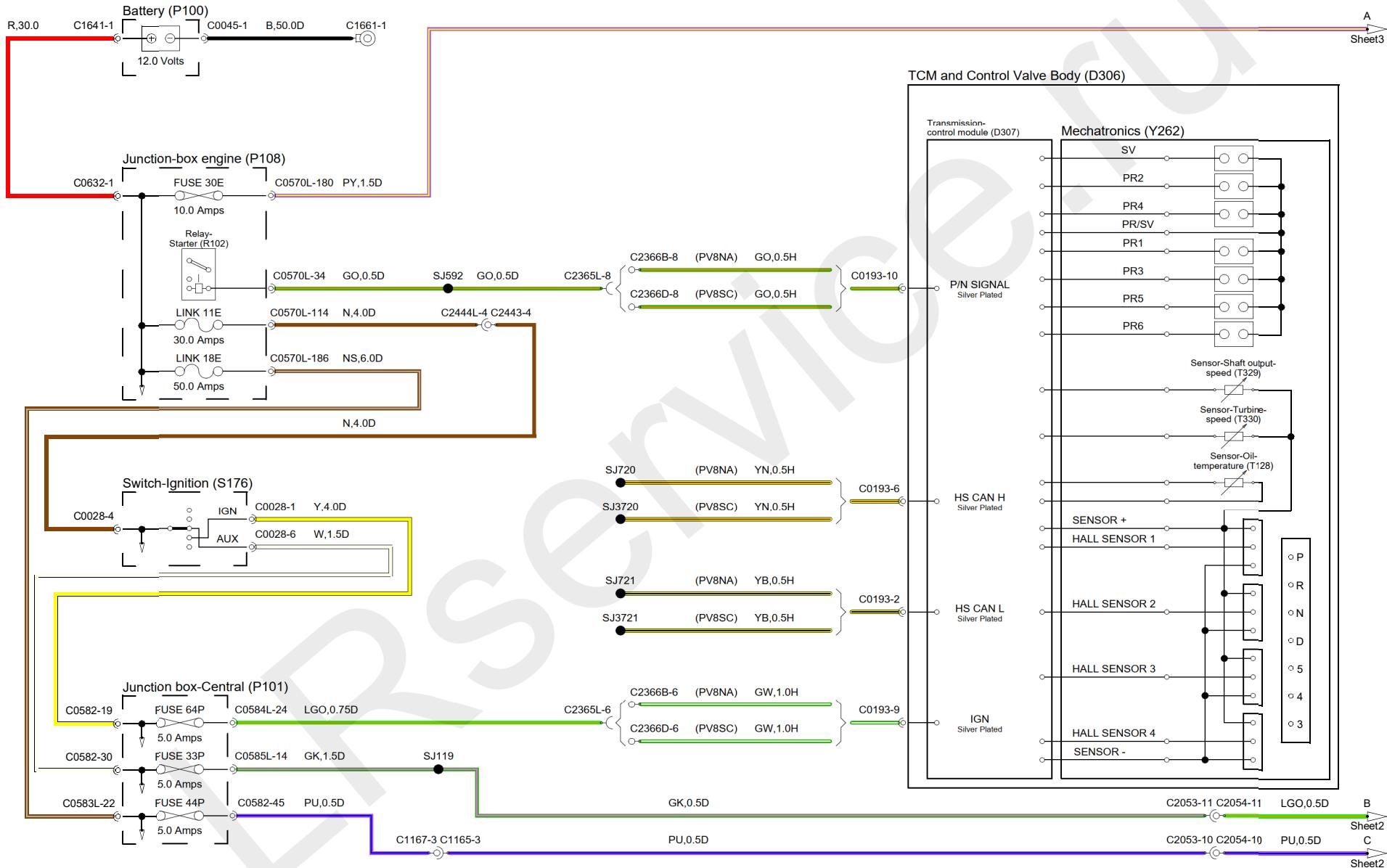


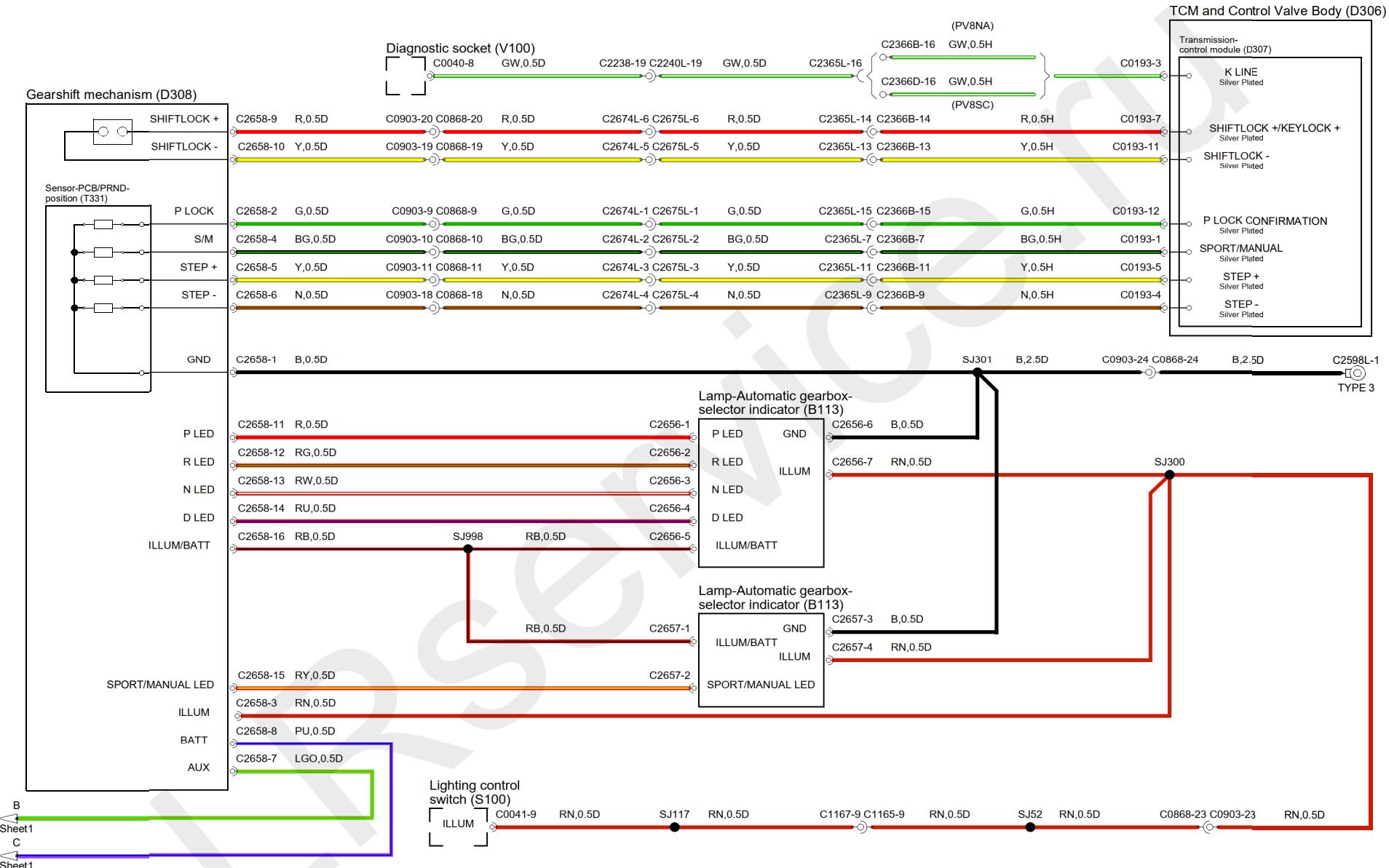


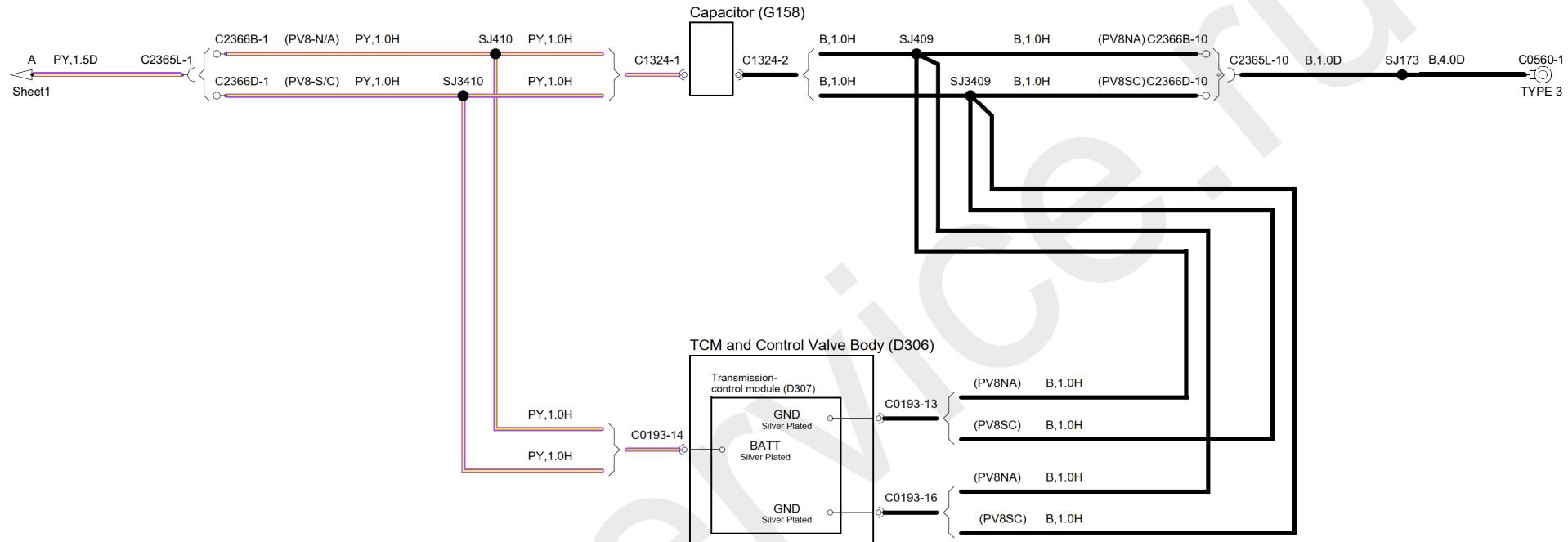


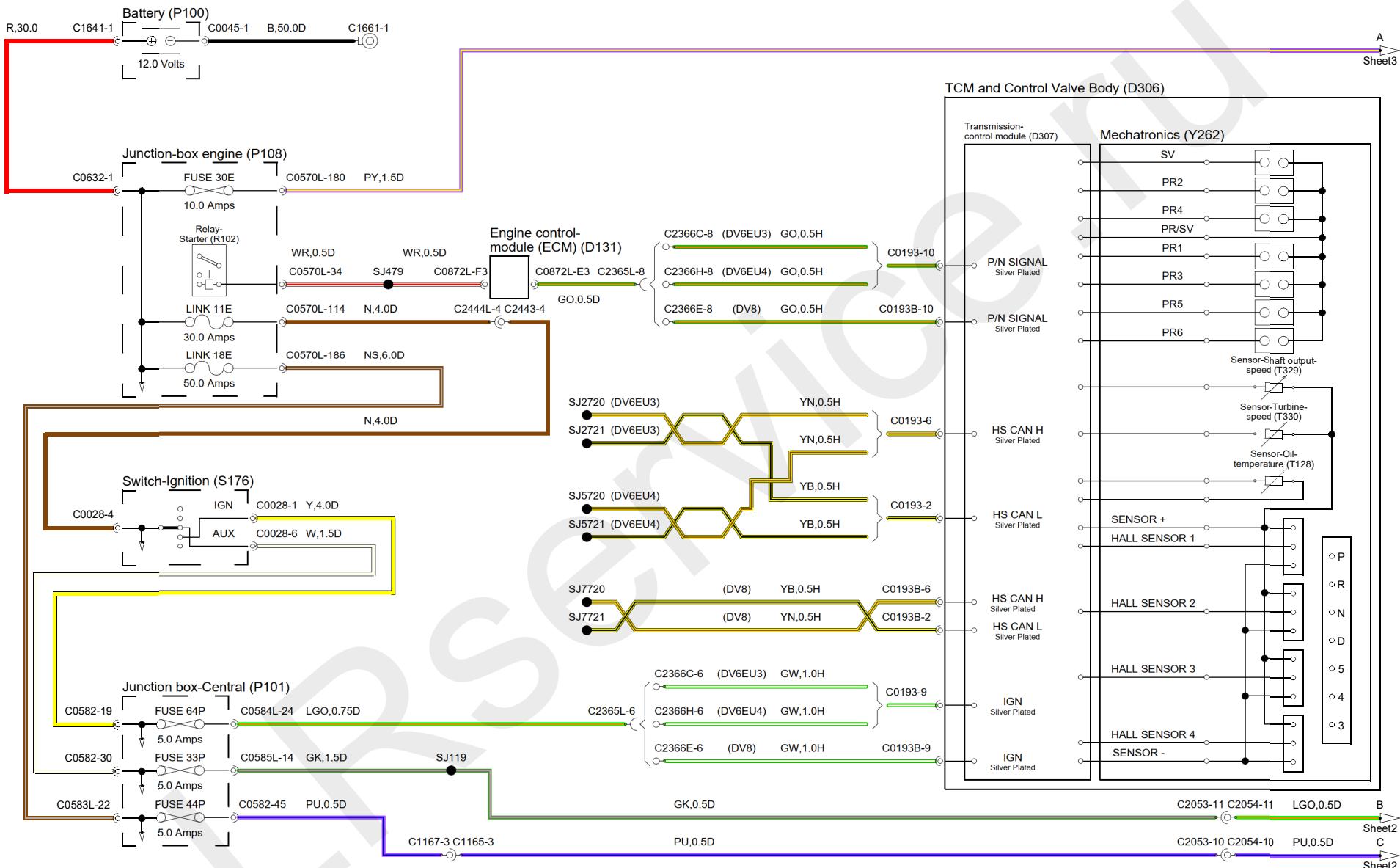


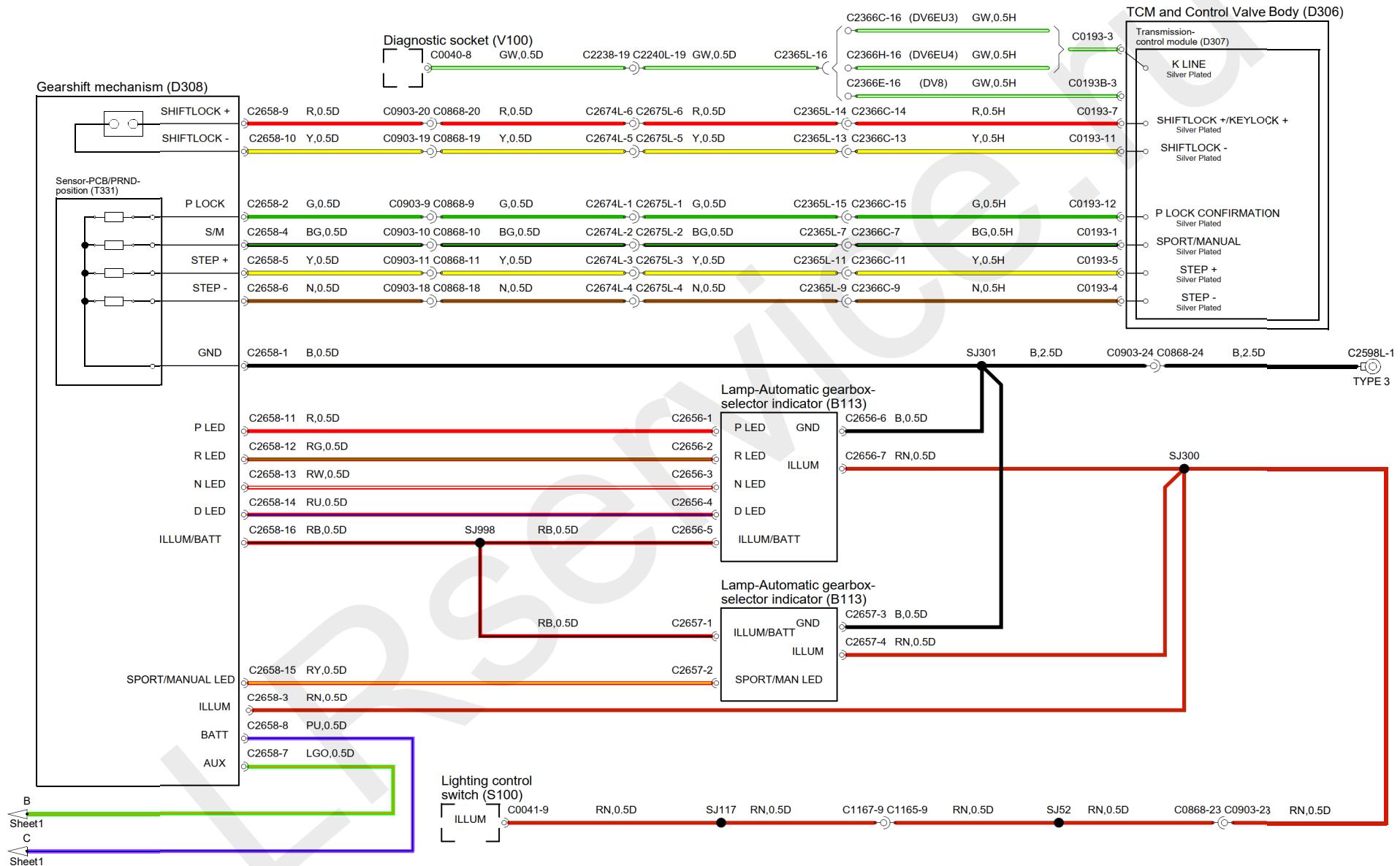


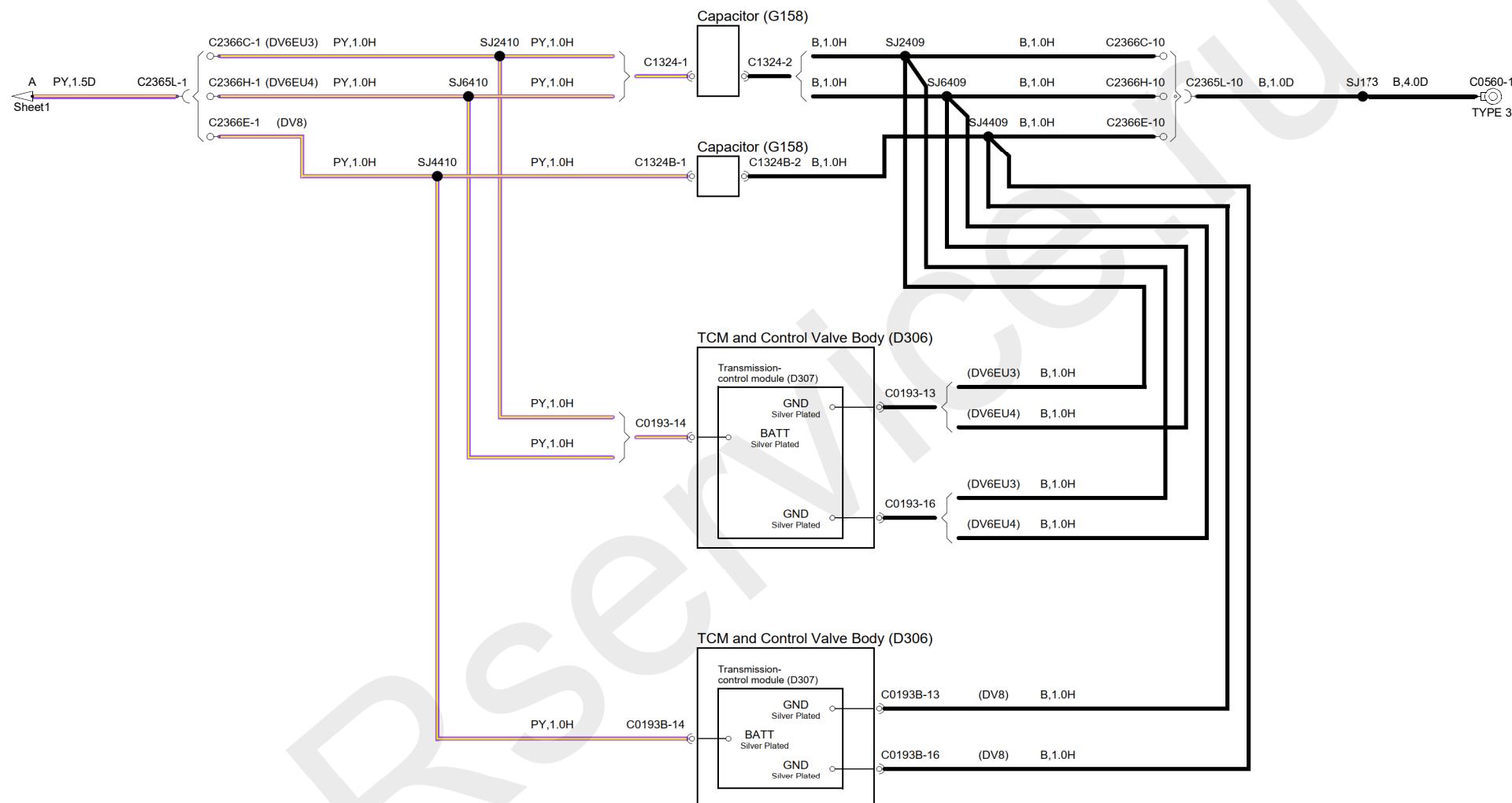


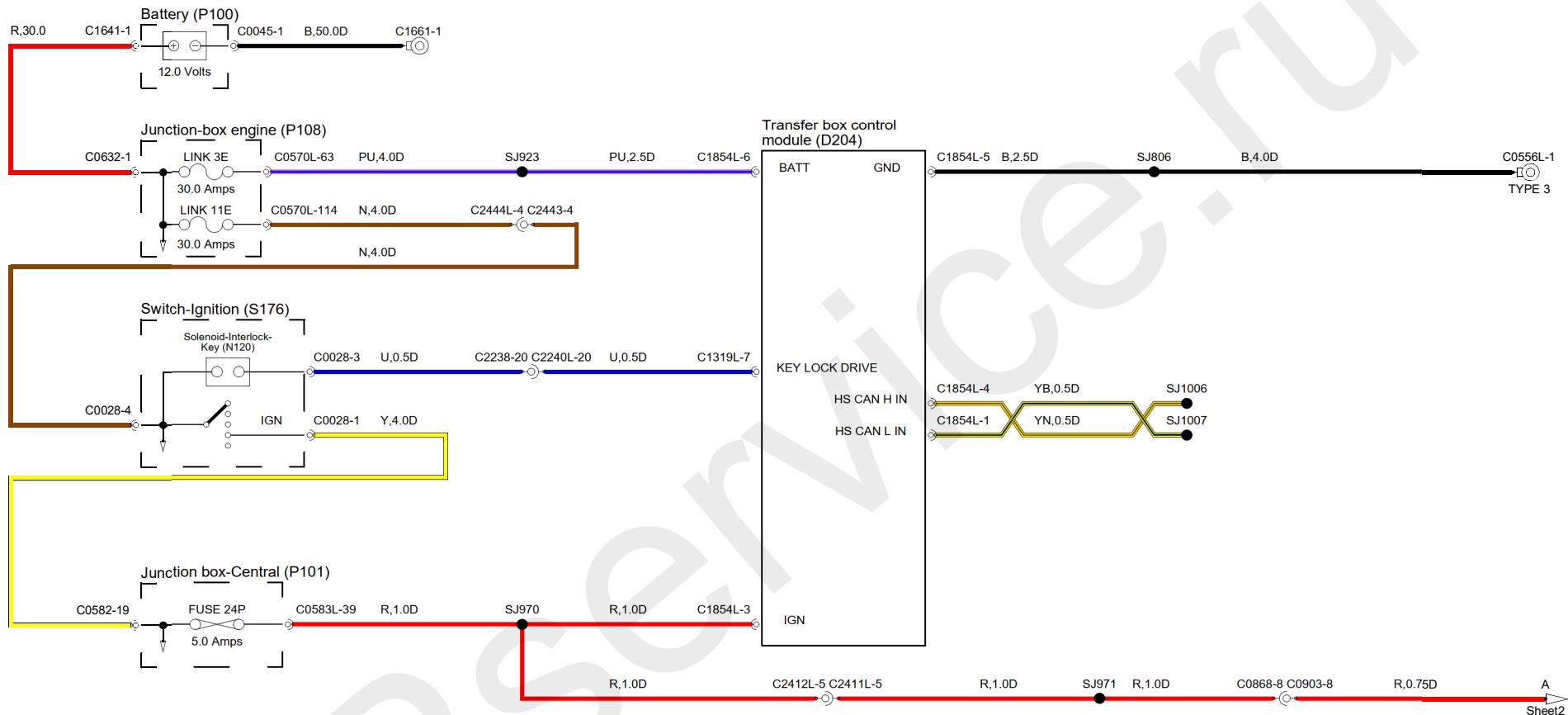


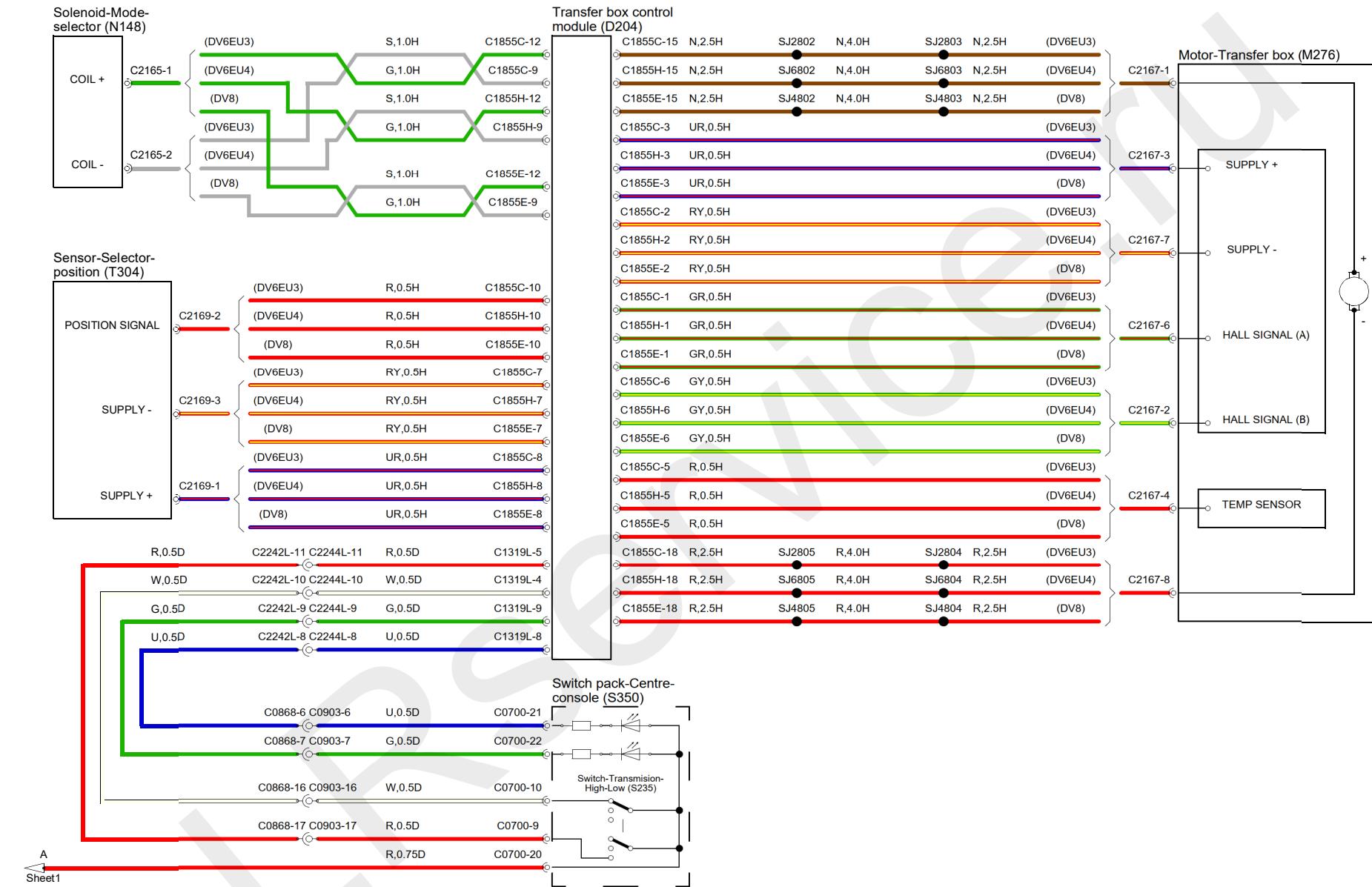


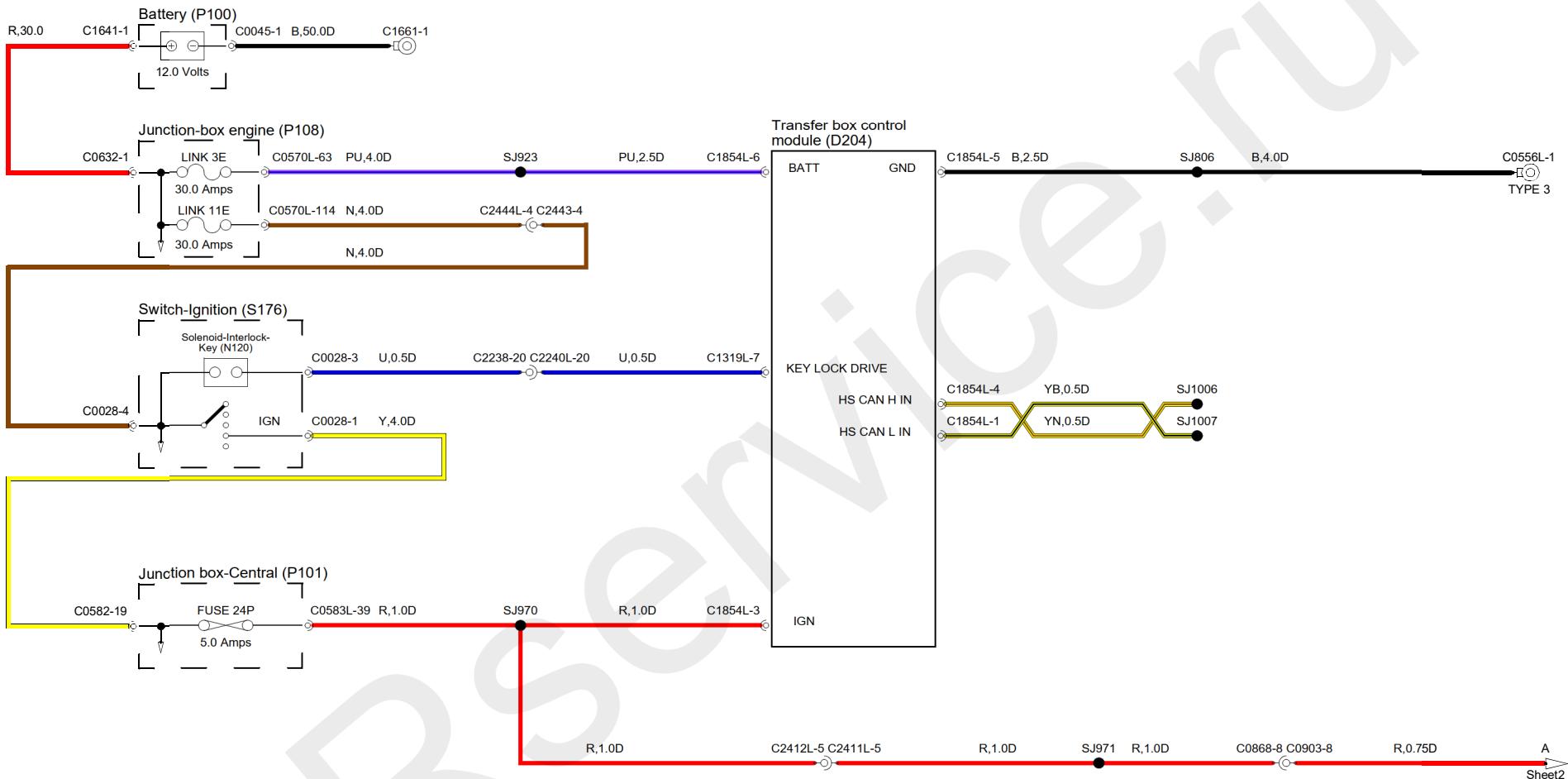


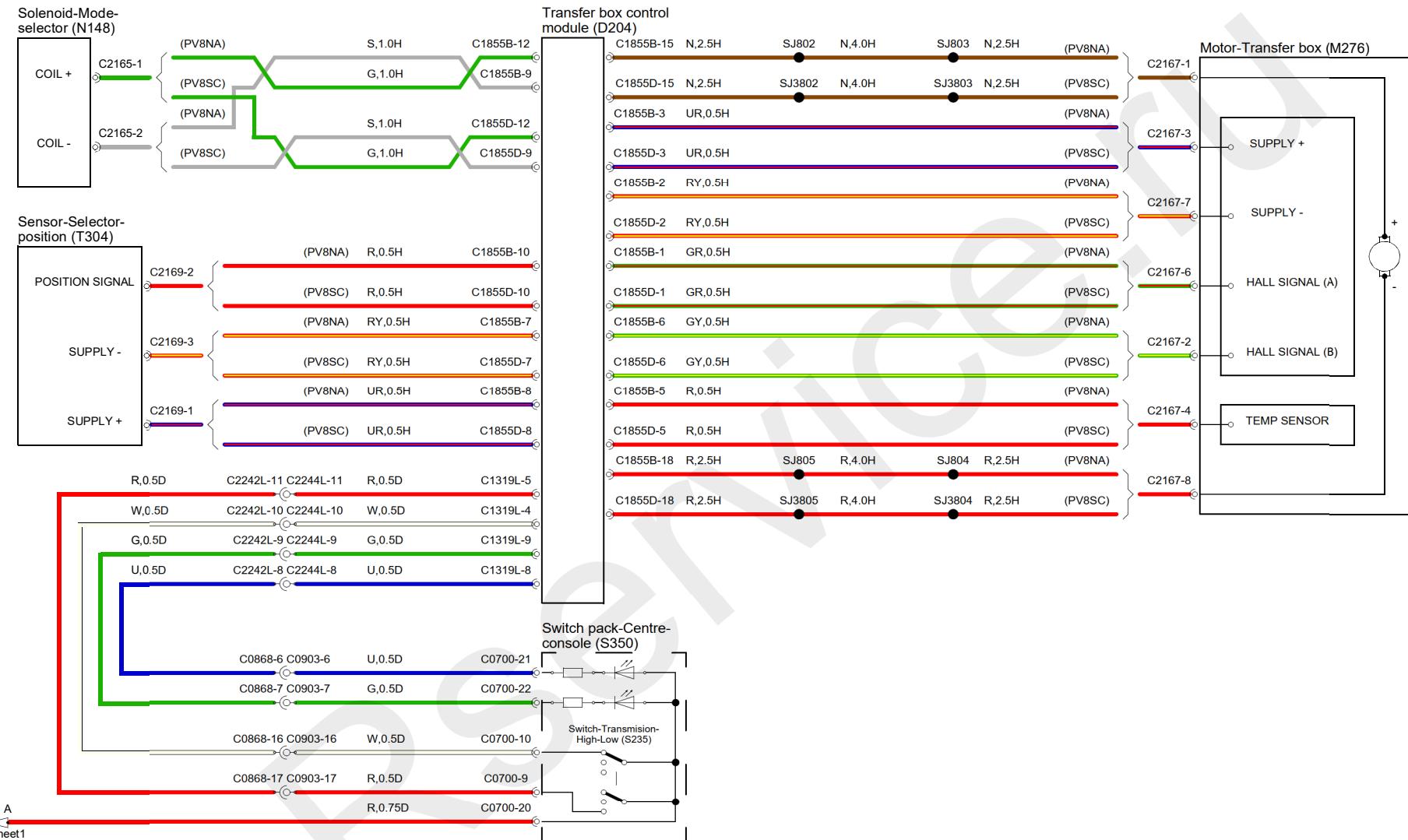




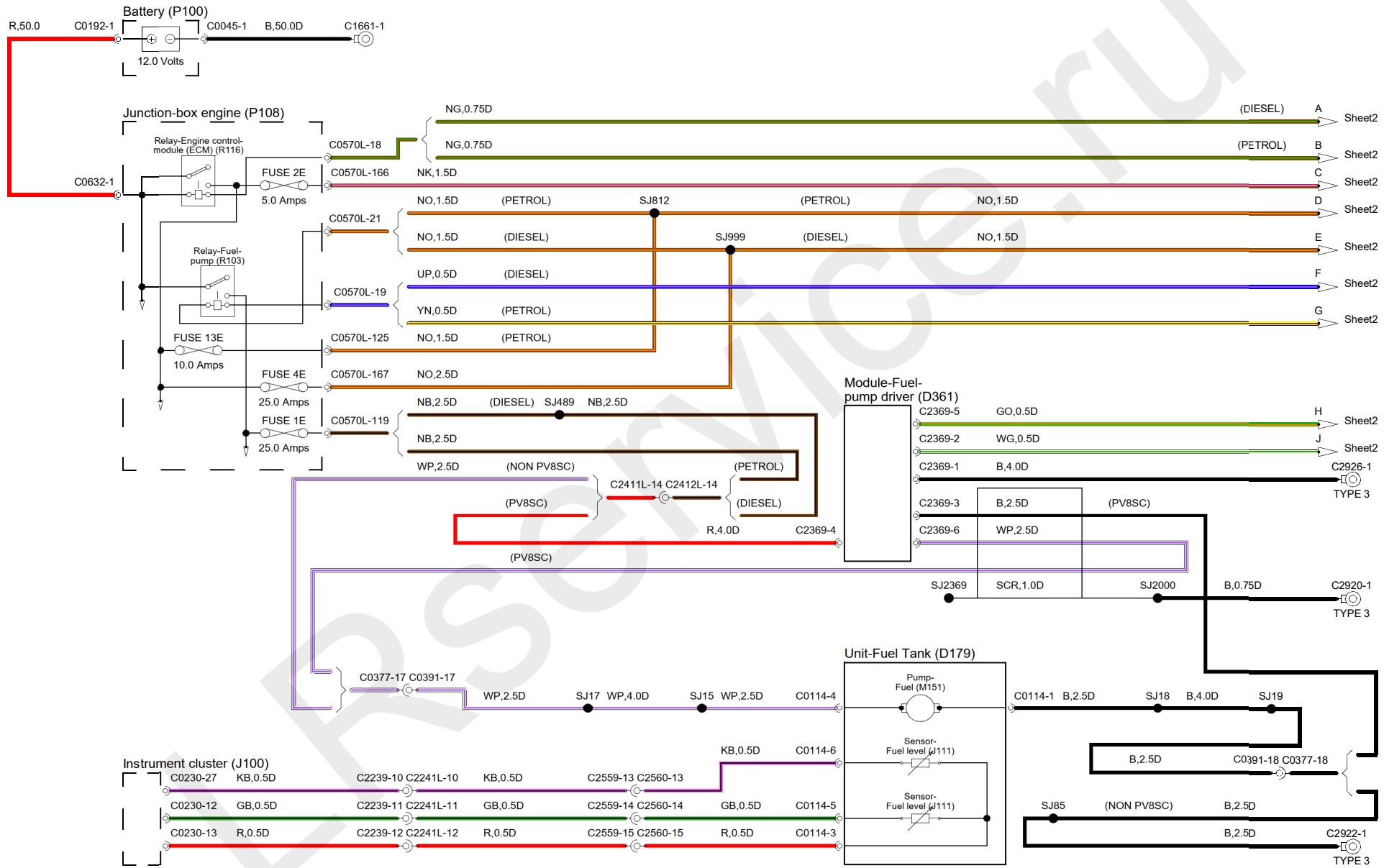




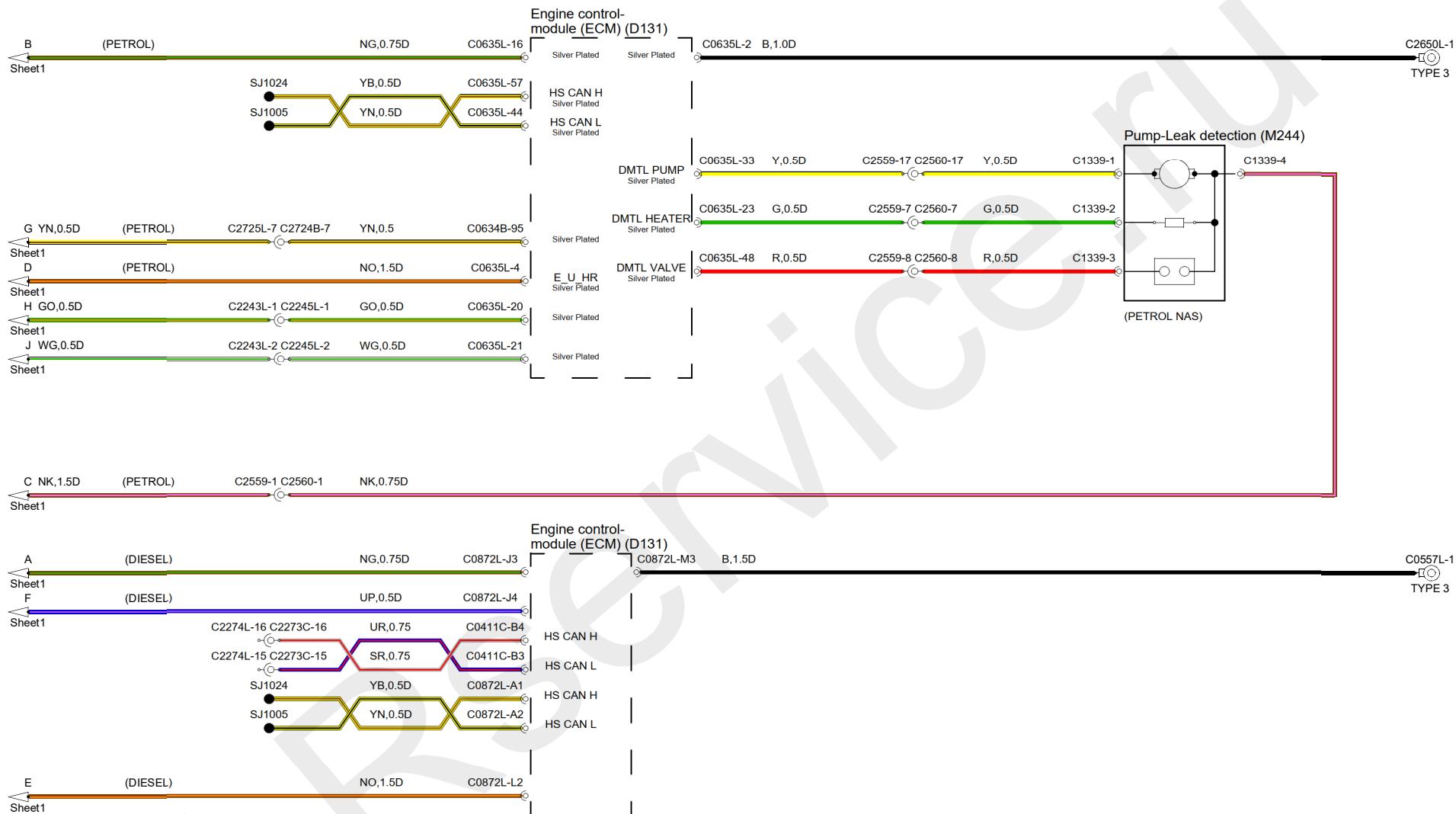




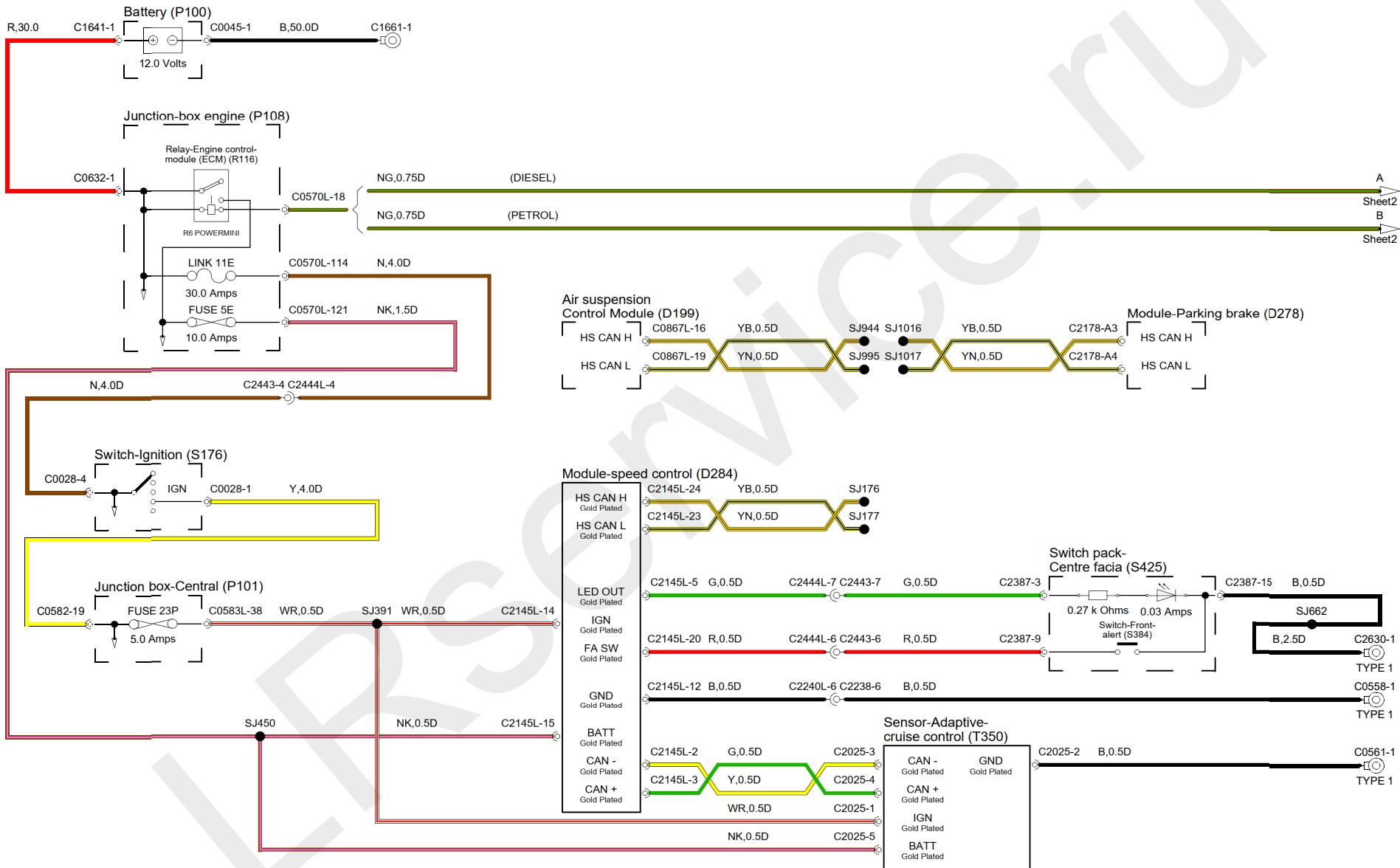
## 310-01 - FUEL TANK AND FUEL LINES



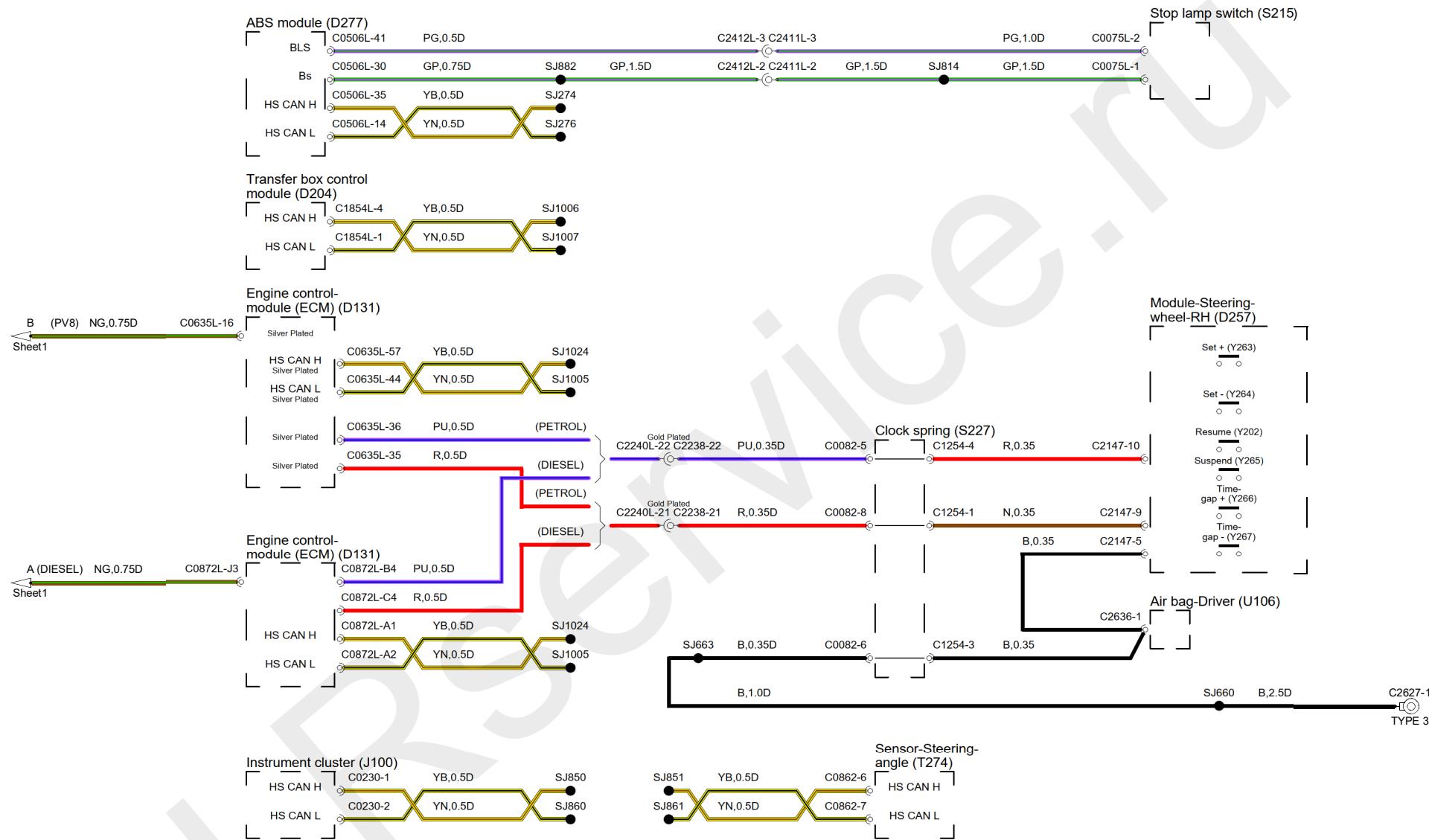
# 310-01 - FUEL TANK AND FUEL LINES

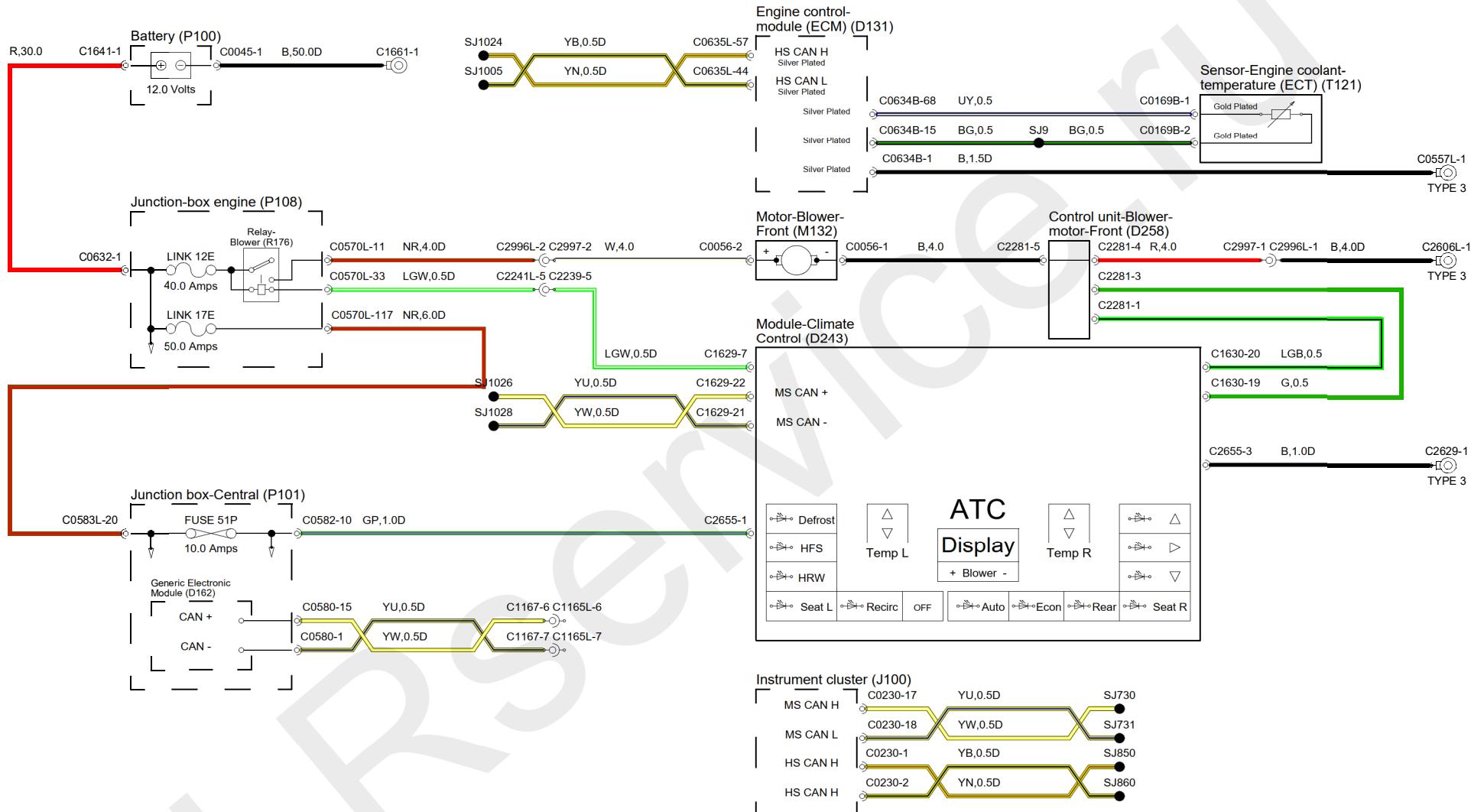


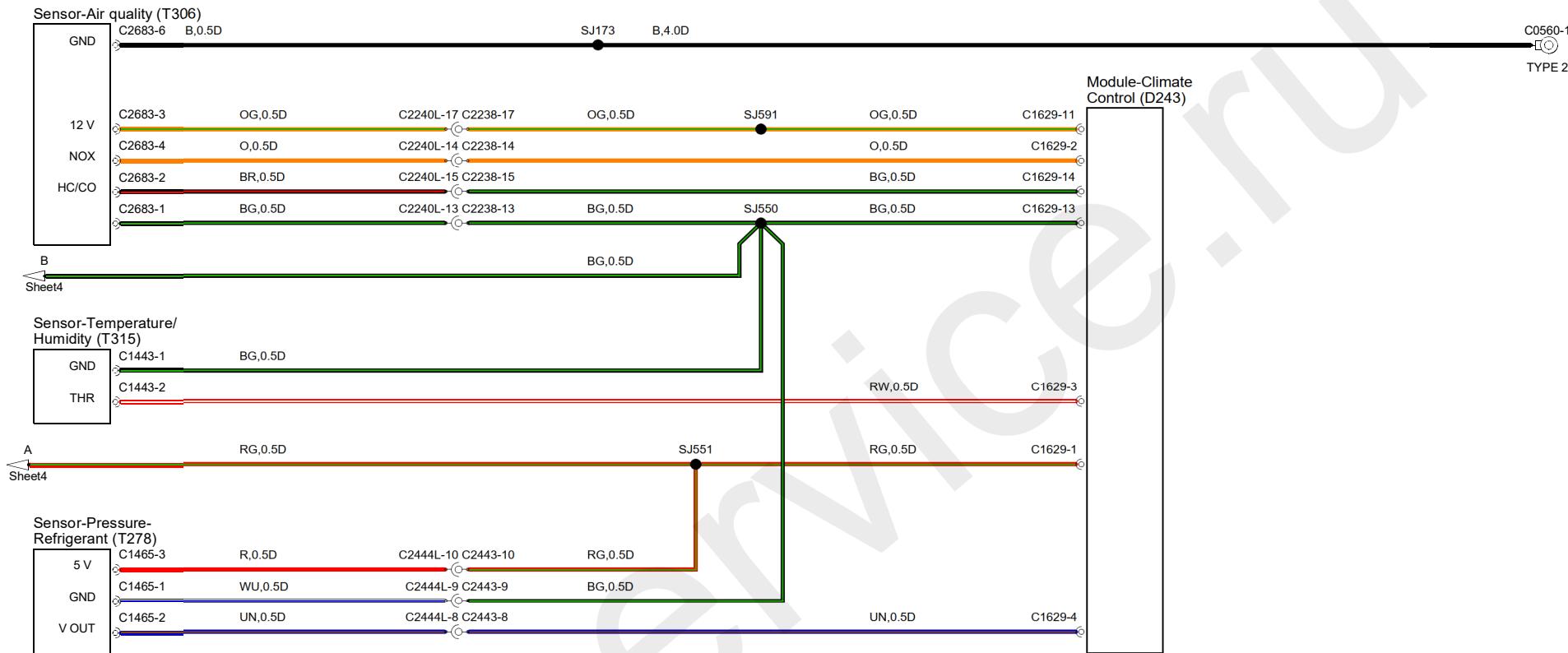
## 310-03 - SPEED CONTROL

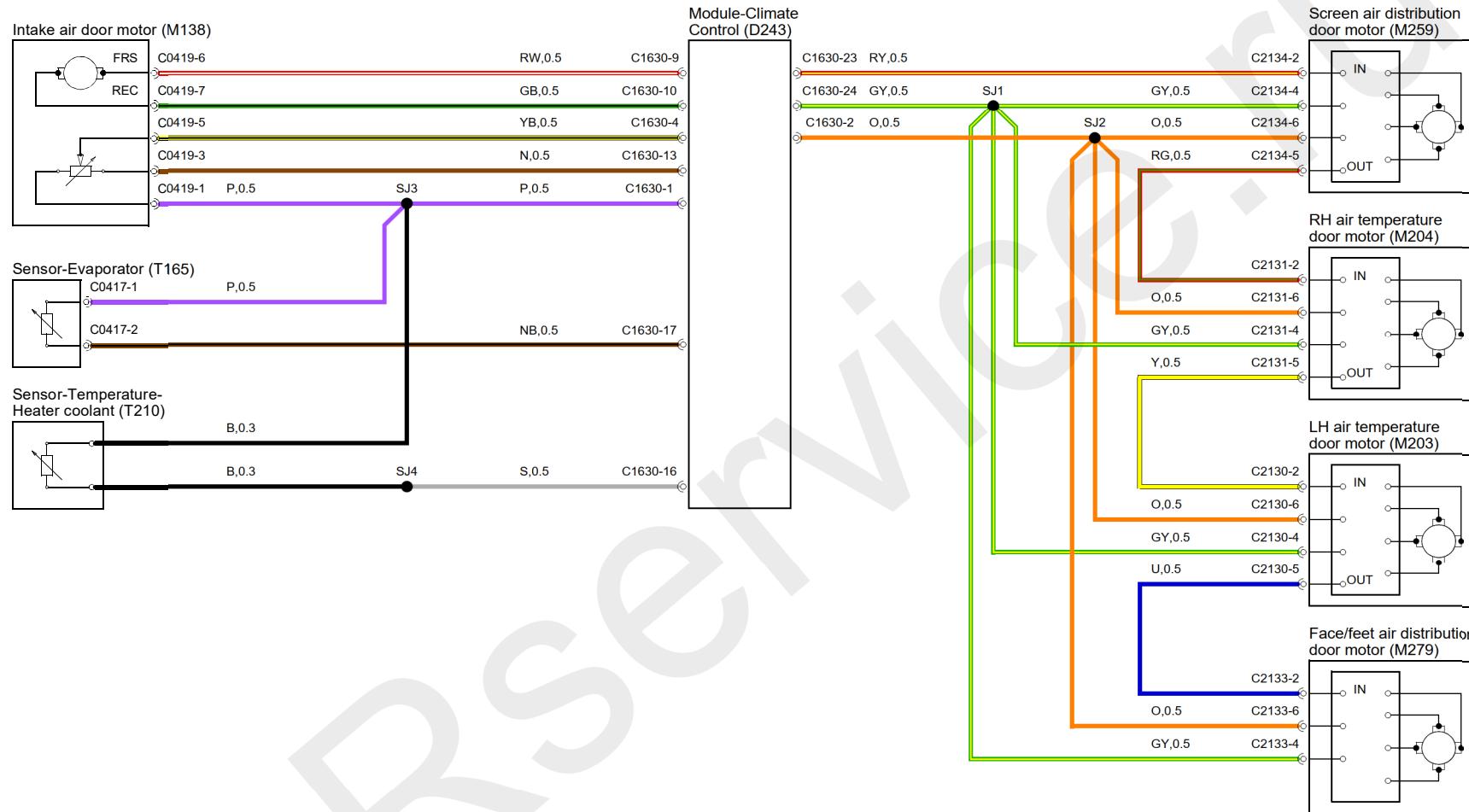


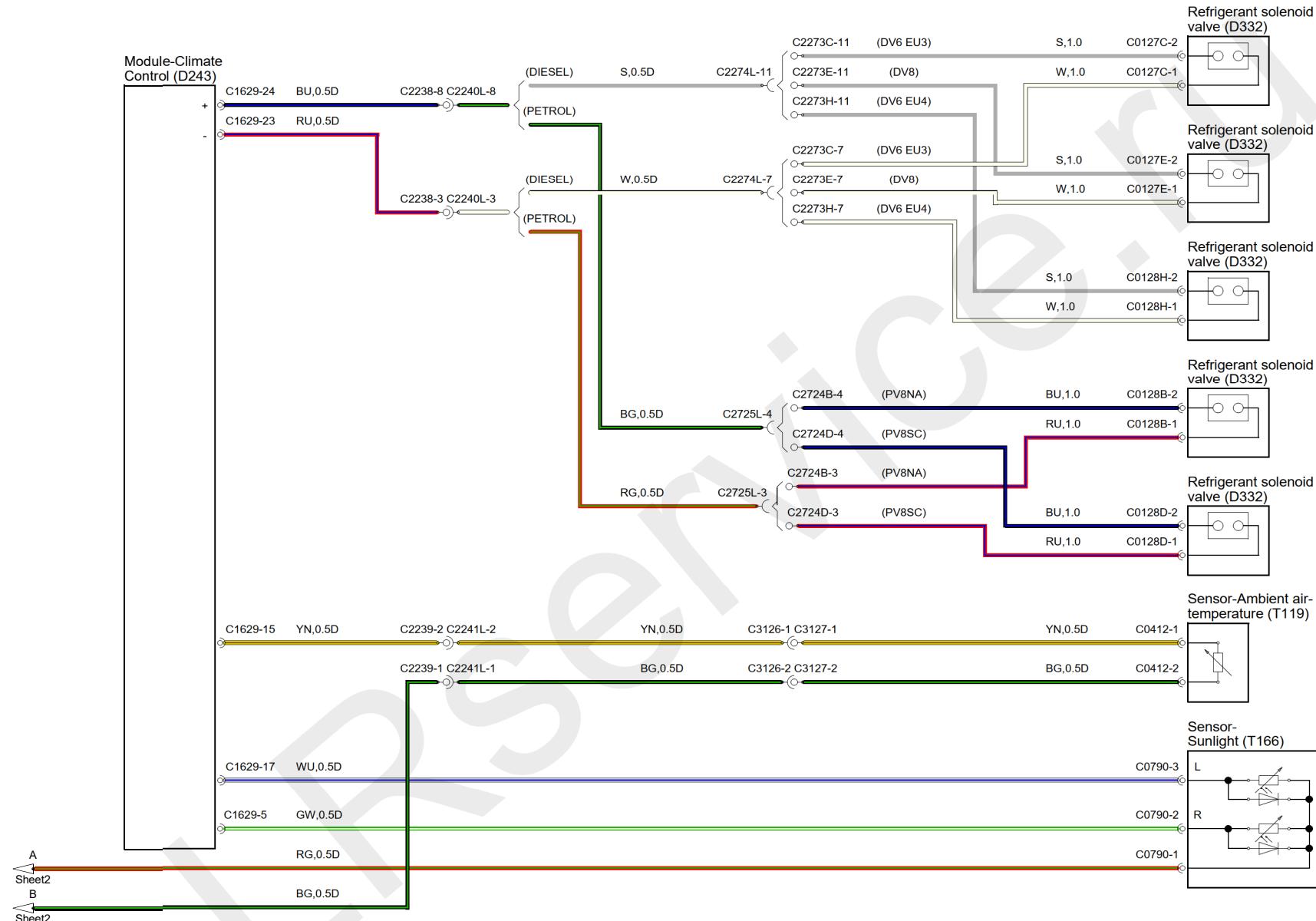
# 310-03 - SPEED CONTROL

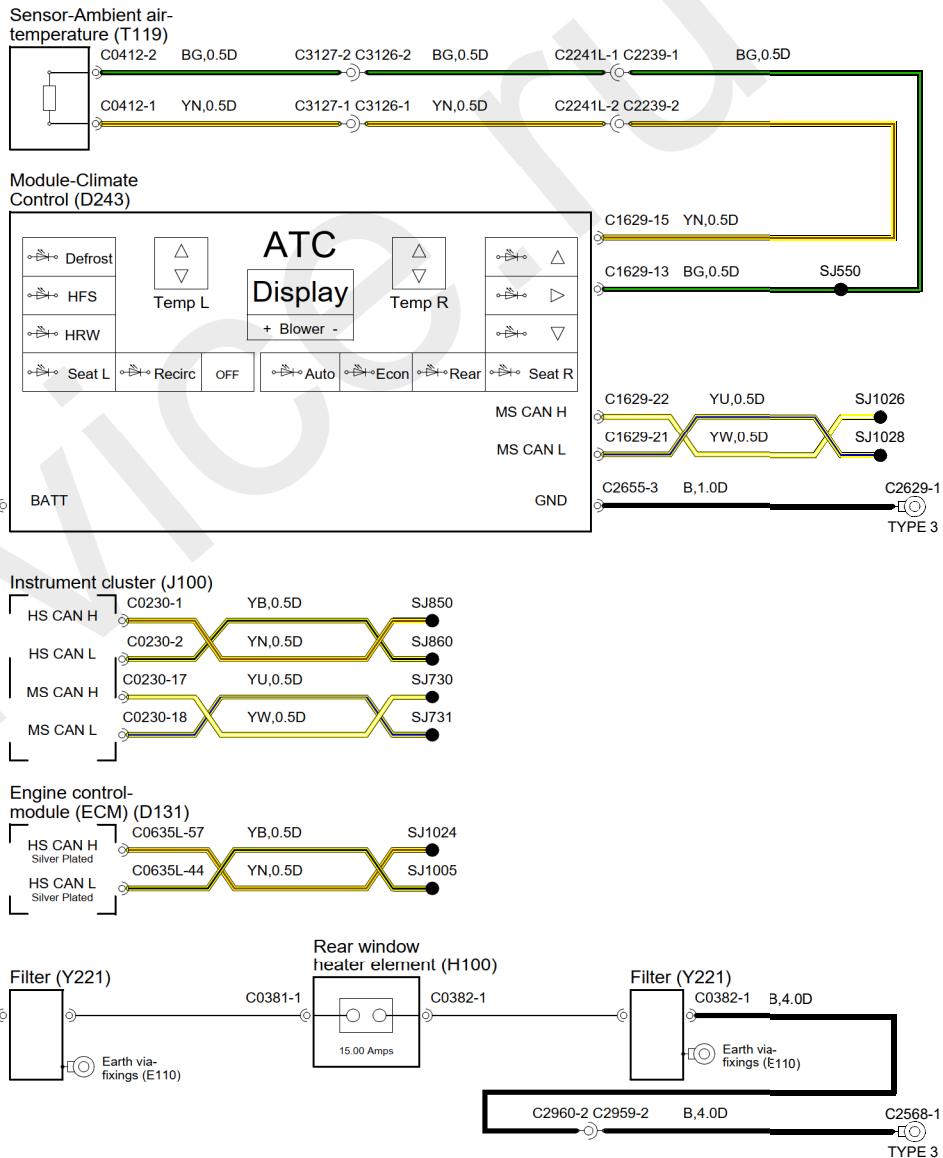
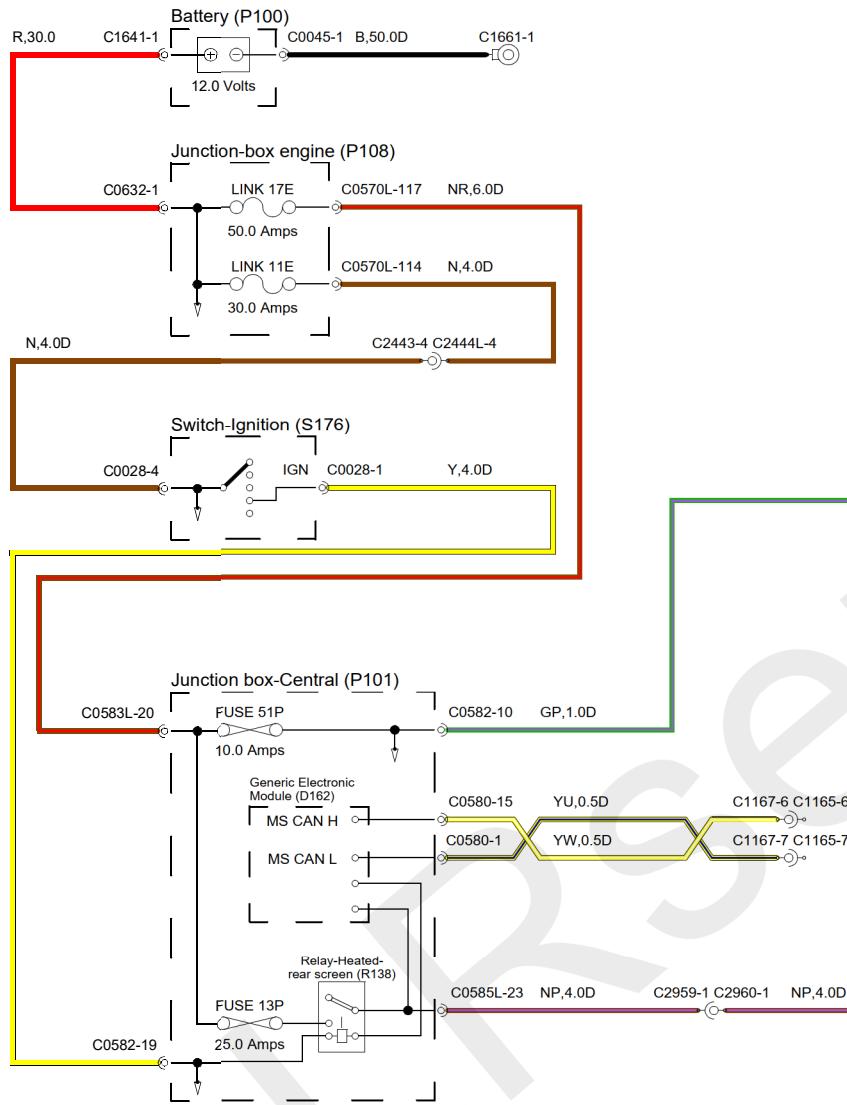


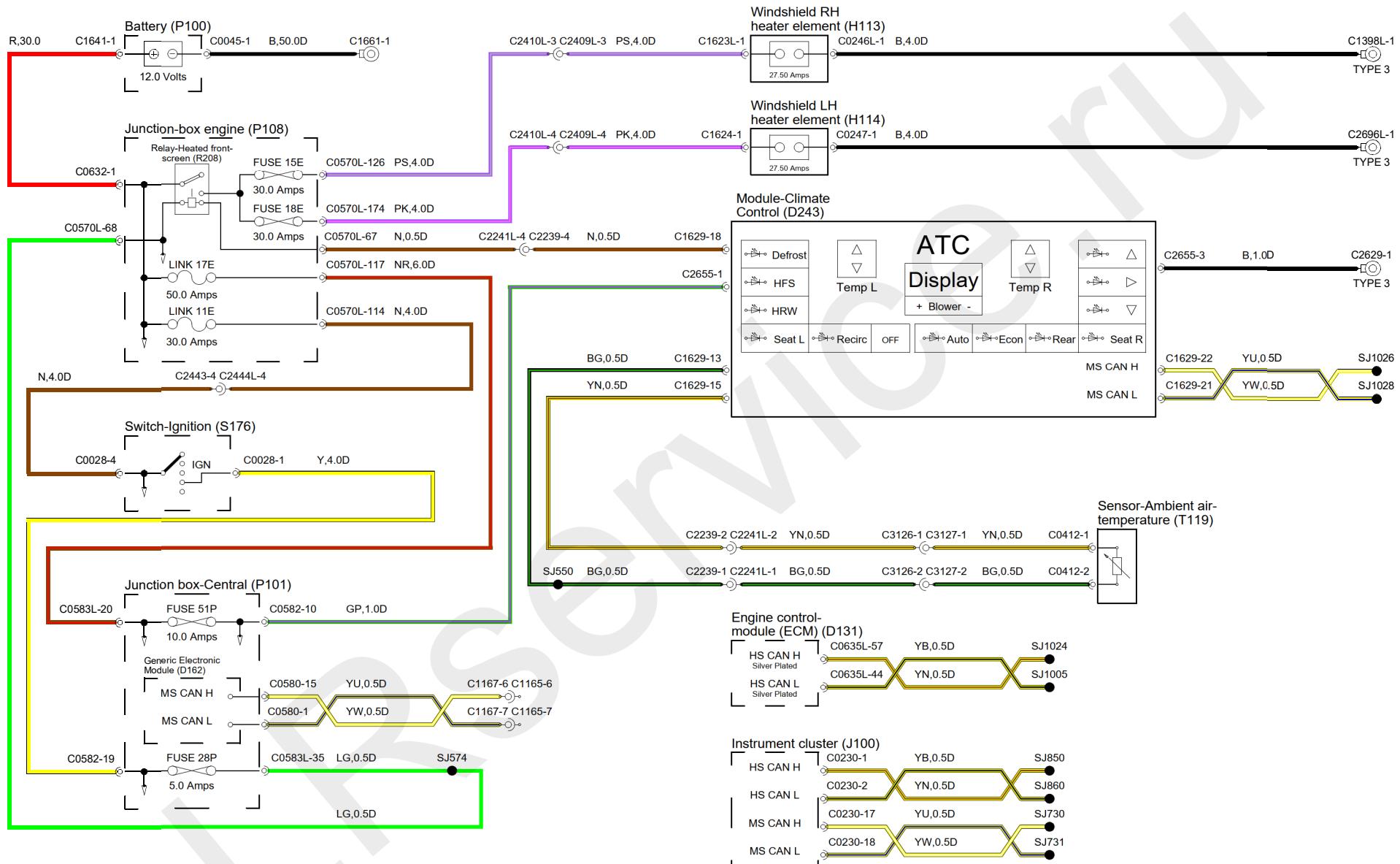


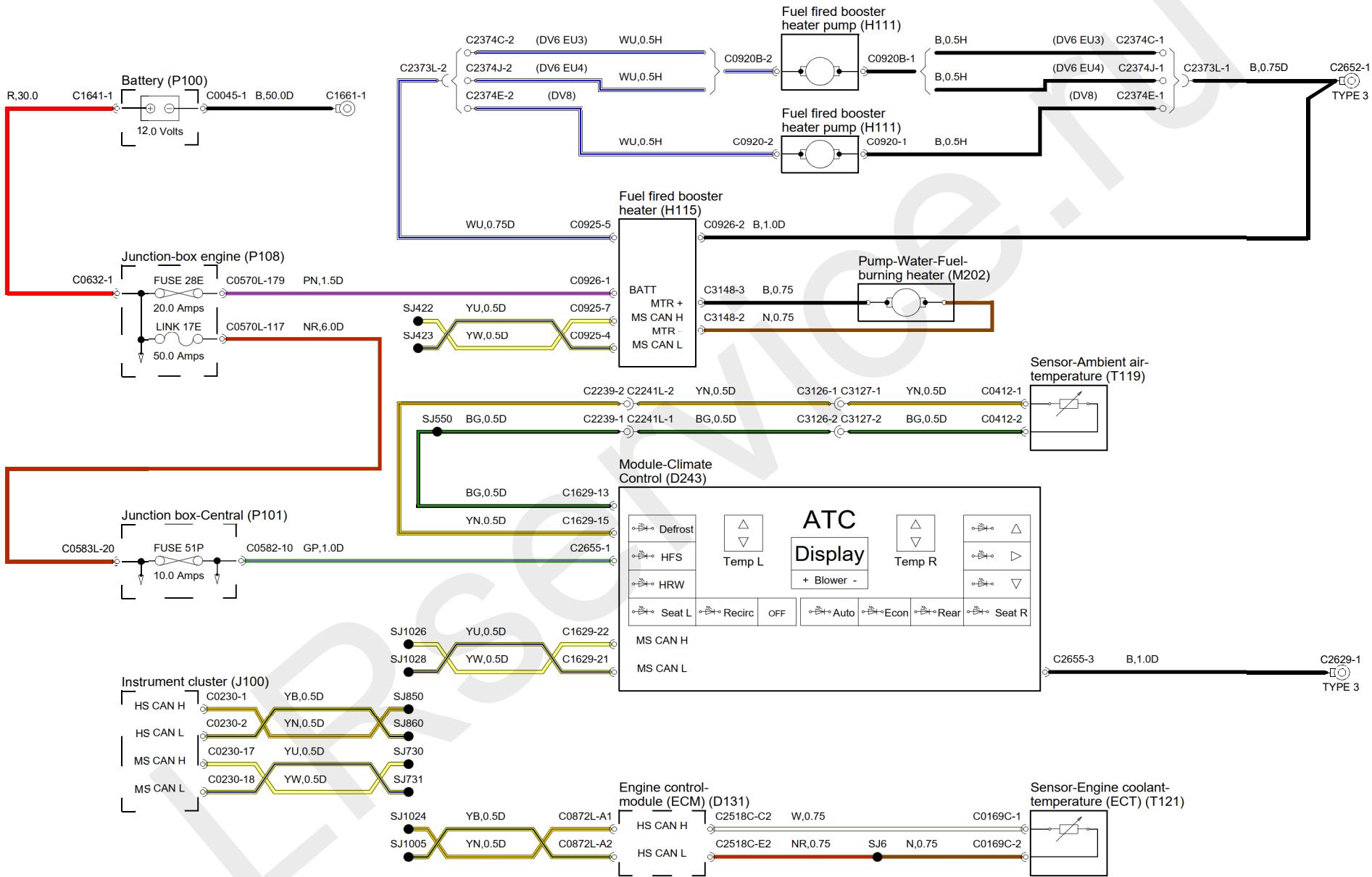


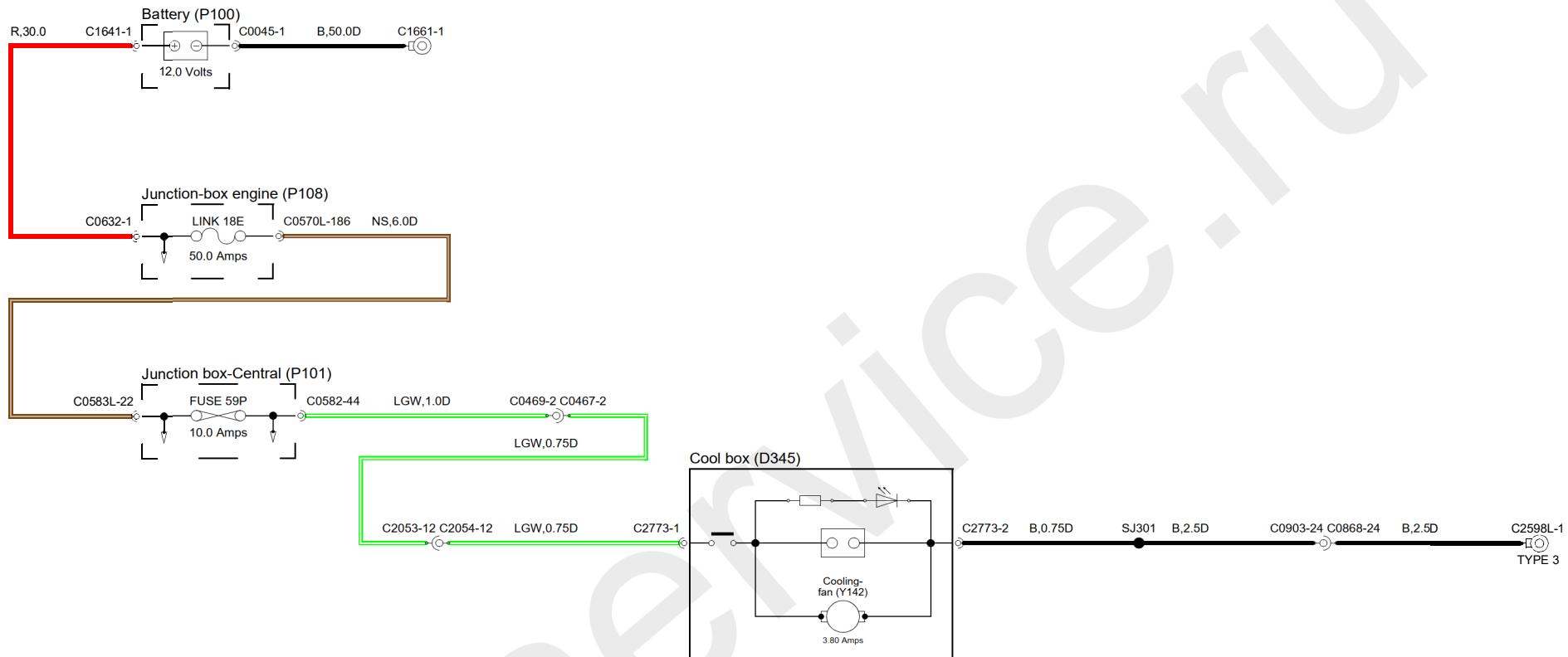




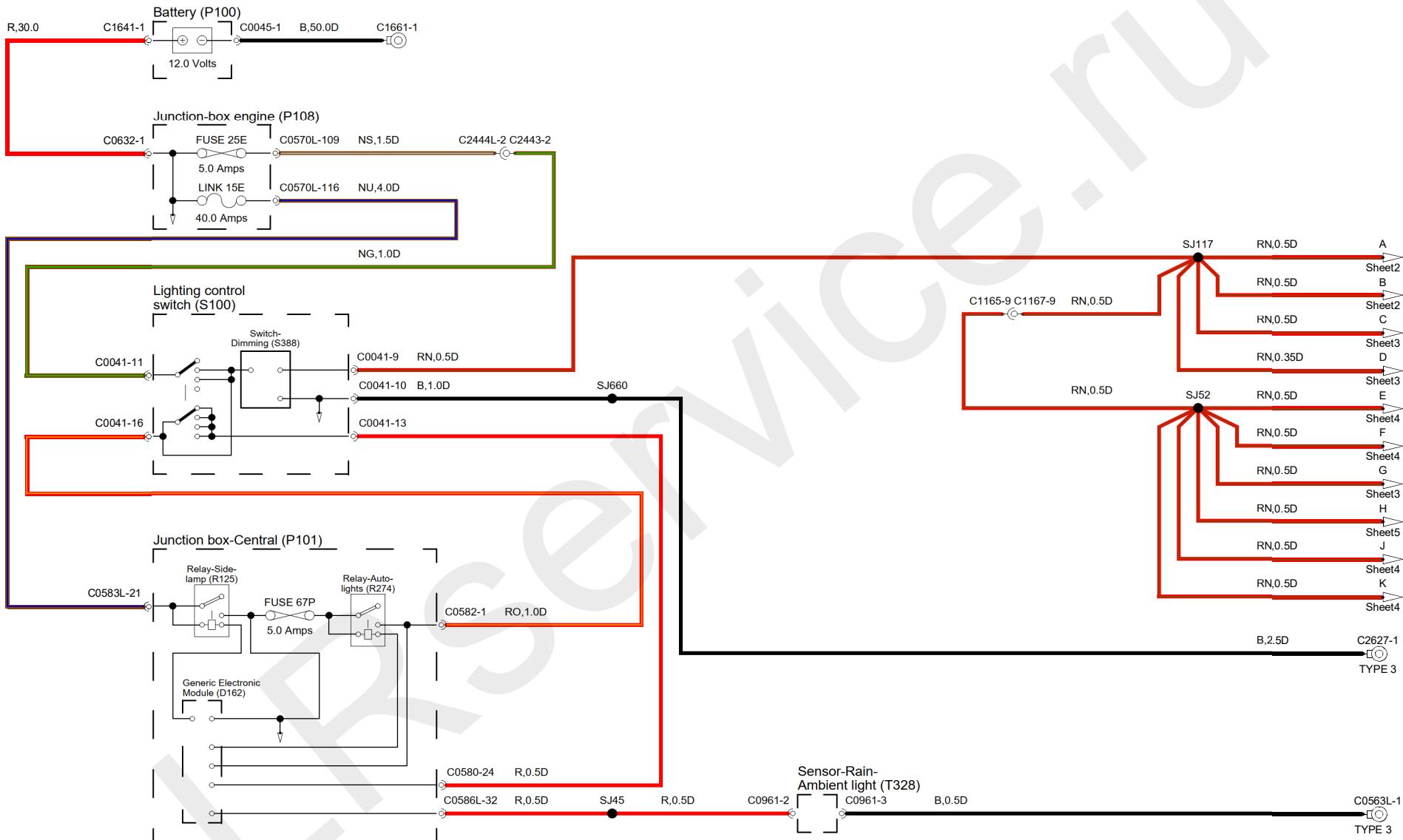




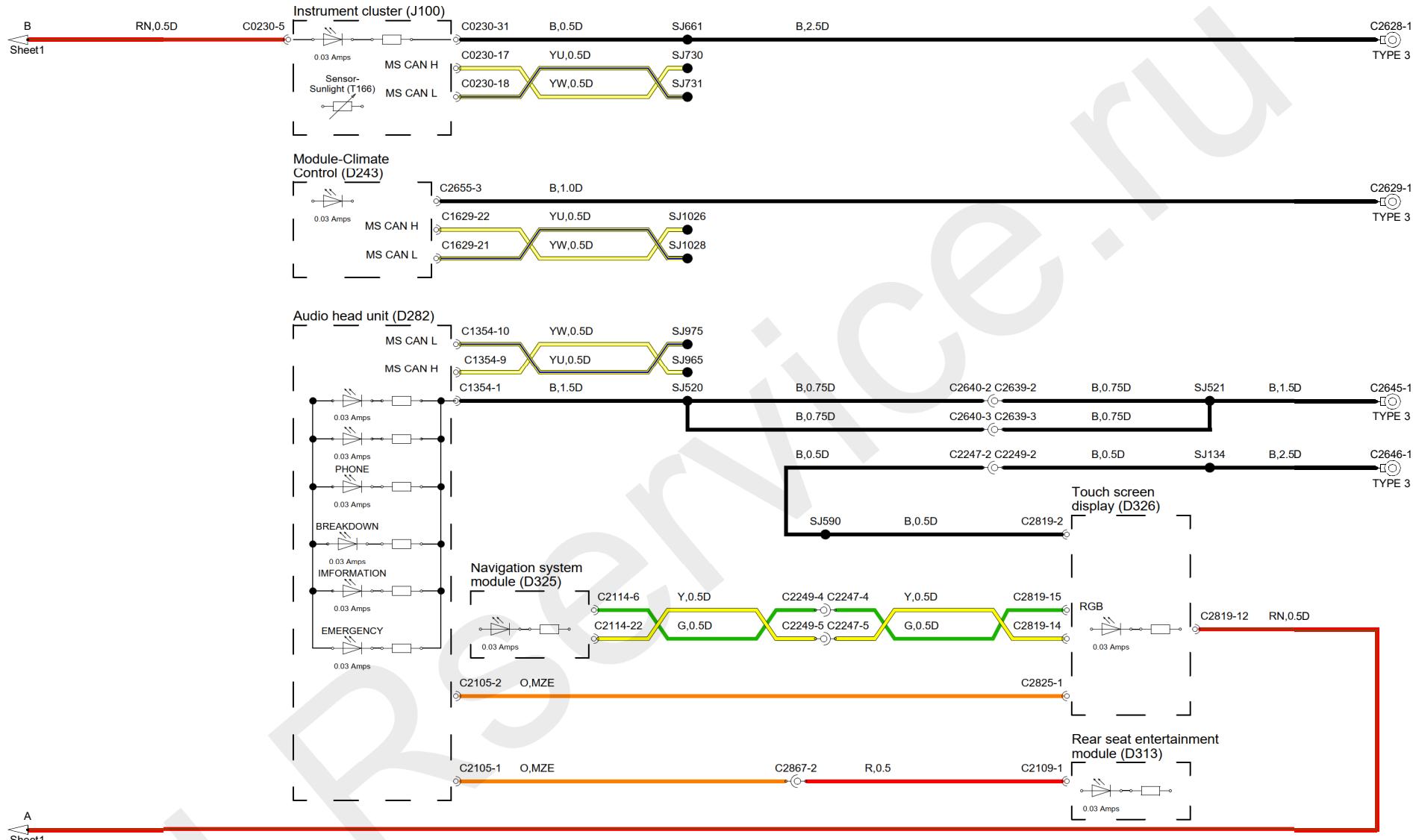




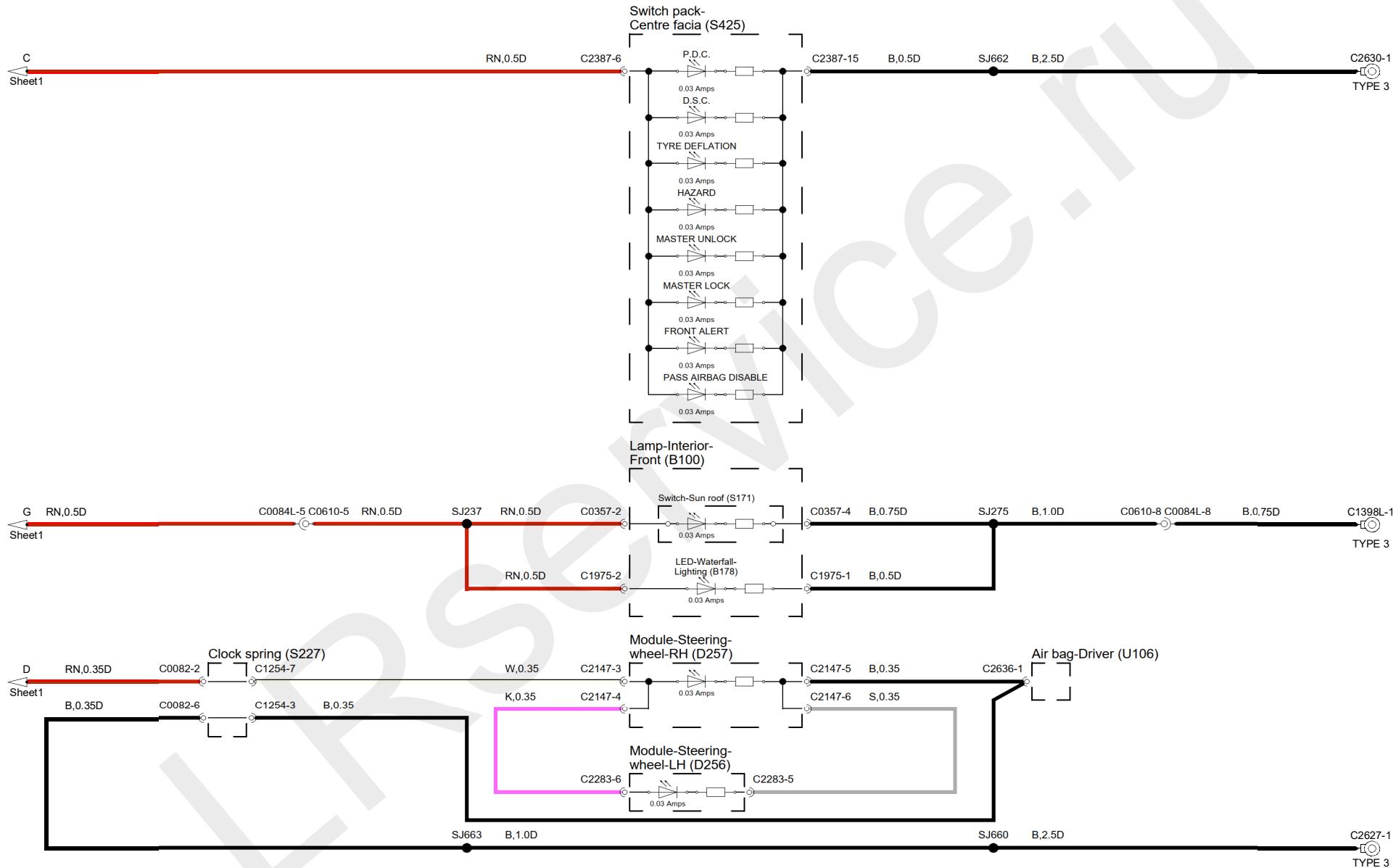
## 413-00 - INSTRUMENT CLUSTER AND PANEL ILLUMINATION



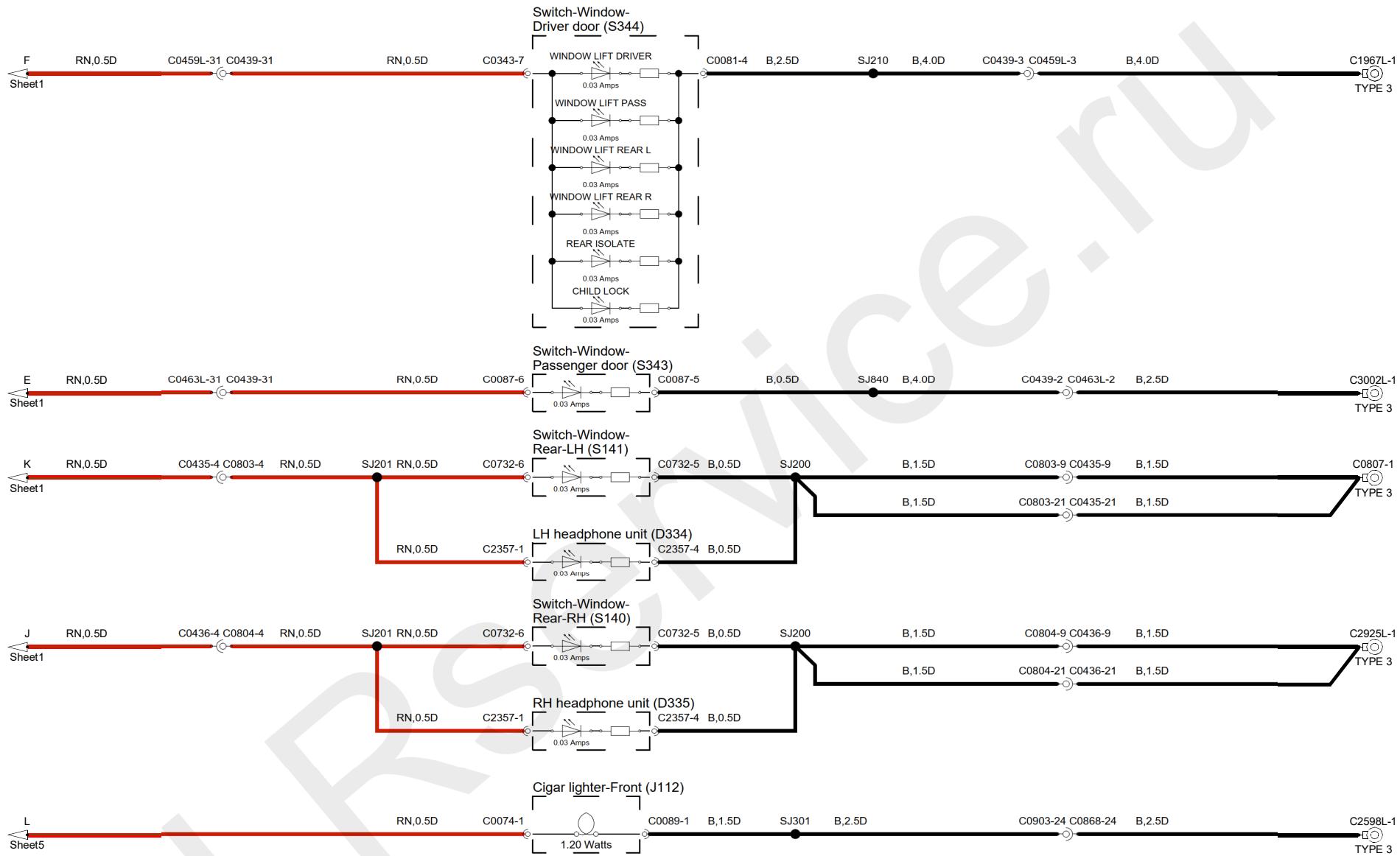
# 413-00 - INSTRUMENT CLUSTER AND PANEL ILLUMINATION



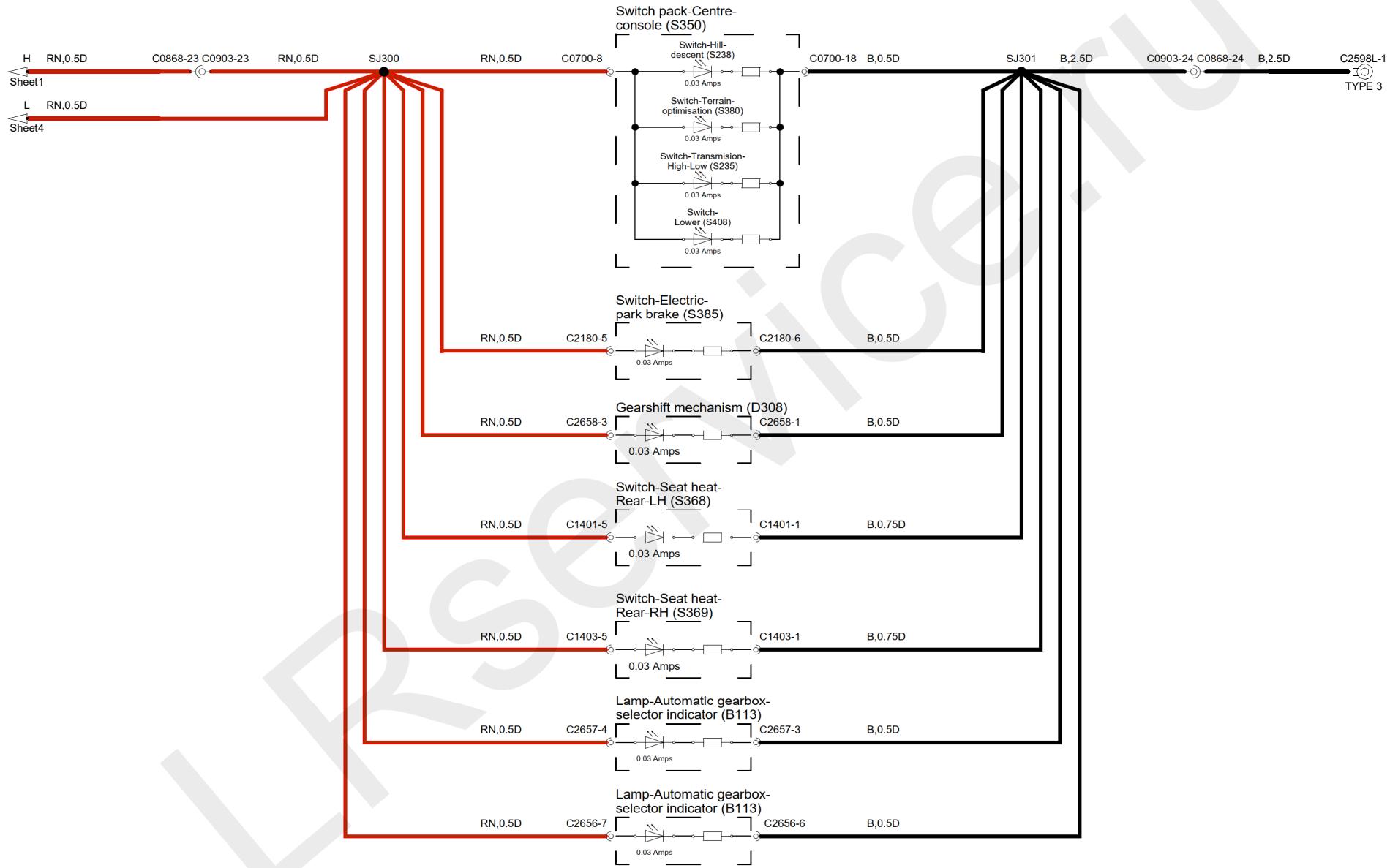
# 413-00 - INSTRUMENT CLUSTER AND PANEL ILLUMINATION



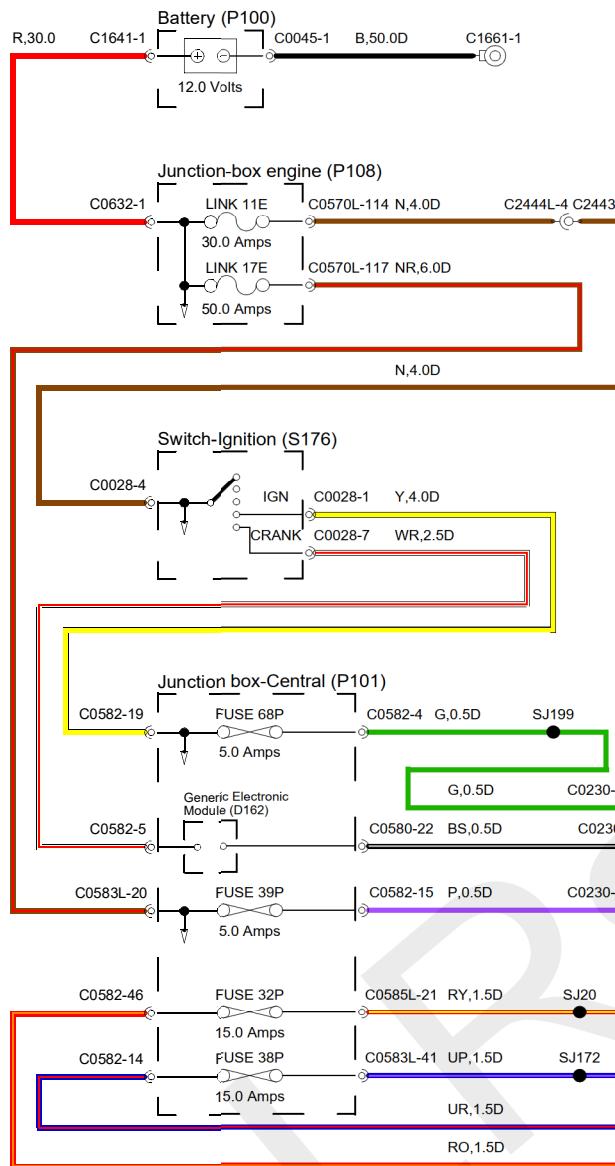
# 413-00 - INSTRUMENT CLUSTER AND PANEL ILLUMINATION



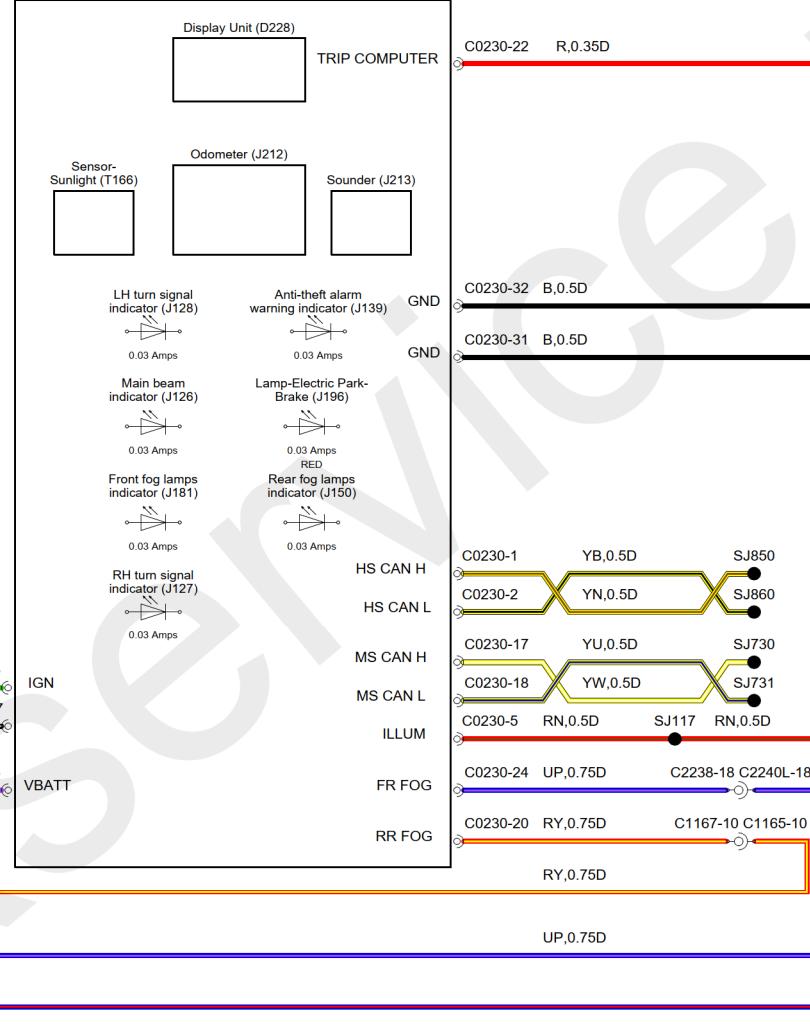
## 413-00 - INSTRUMENT CLUSTER AND PANEL ILLUMINATION



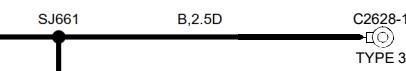
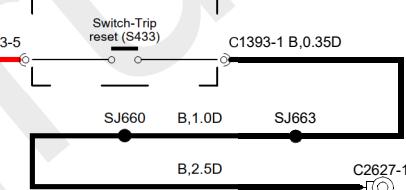
# 413-01 - INSTRUMENT CLUSTER



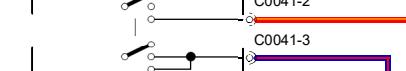
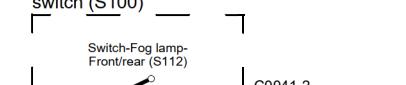
Instrument cluster (J100)



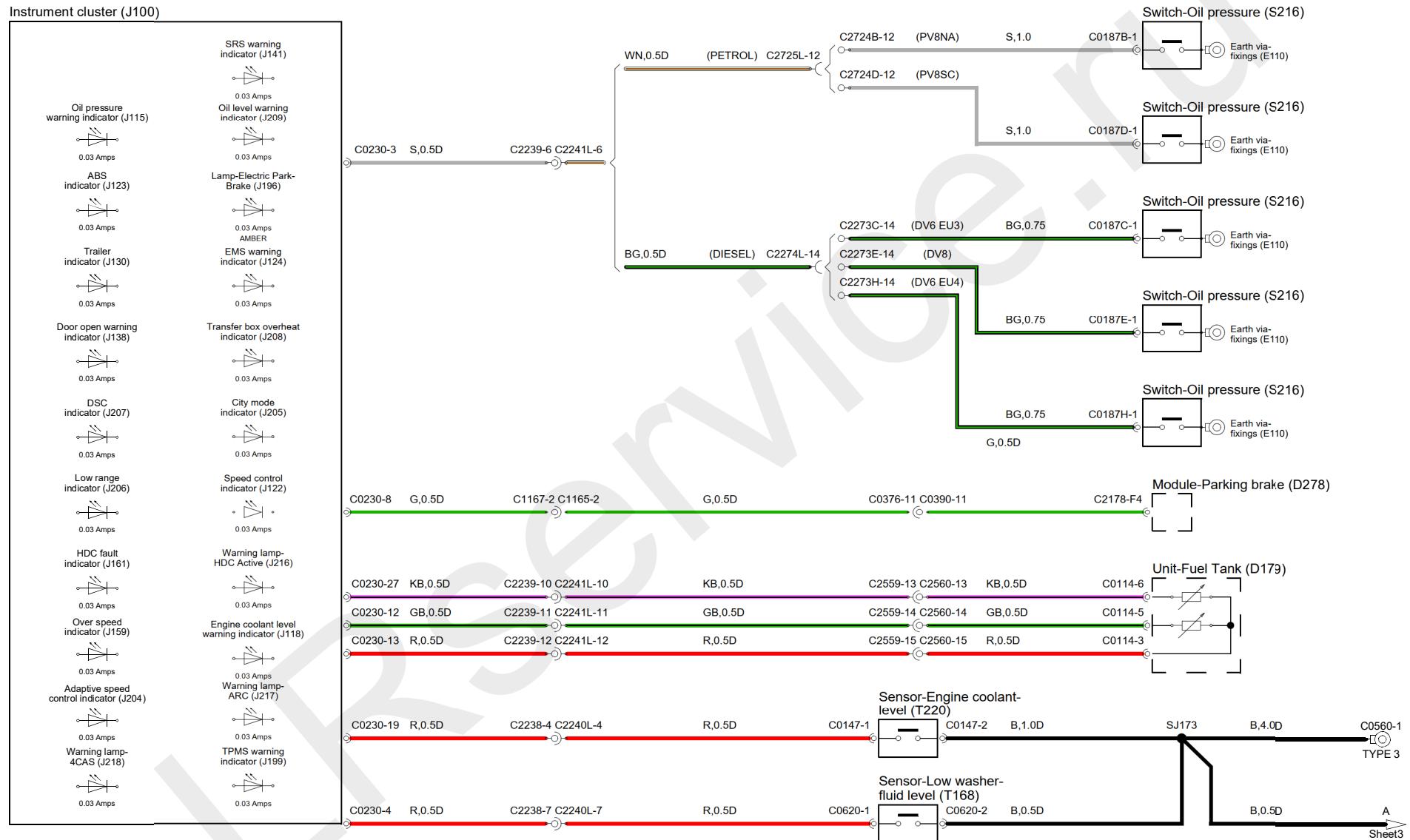
Switch-Steering column-Lighting (S175)



Lighting control switch (S100)

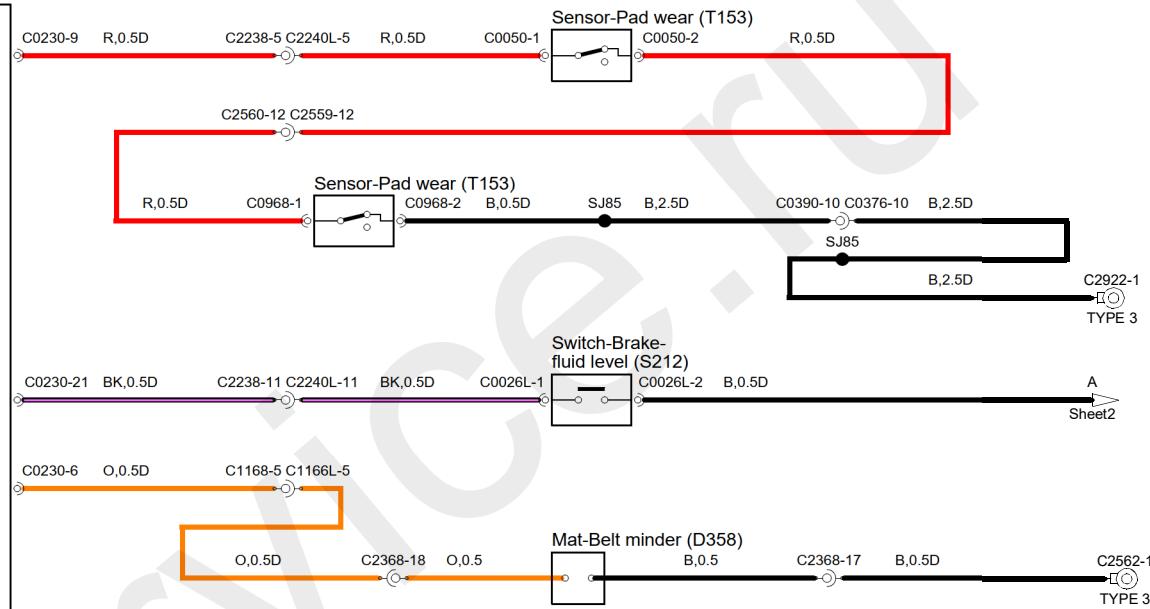
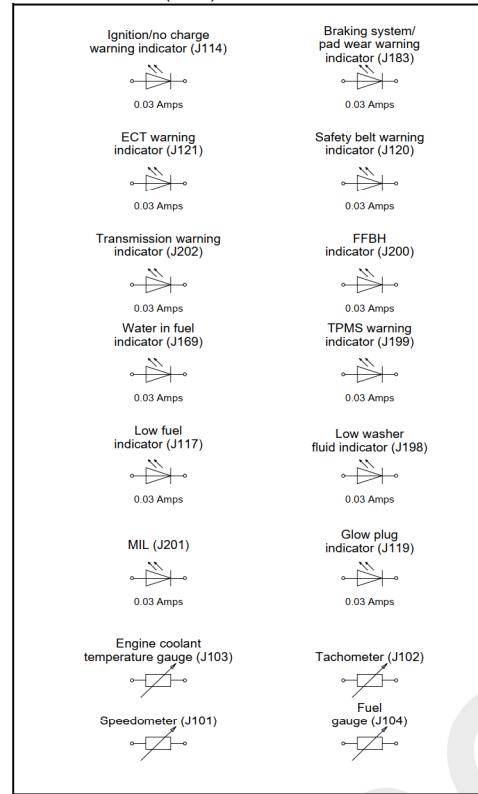


# 413-01 - INSTRUMENT CLUSTER

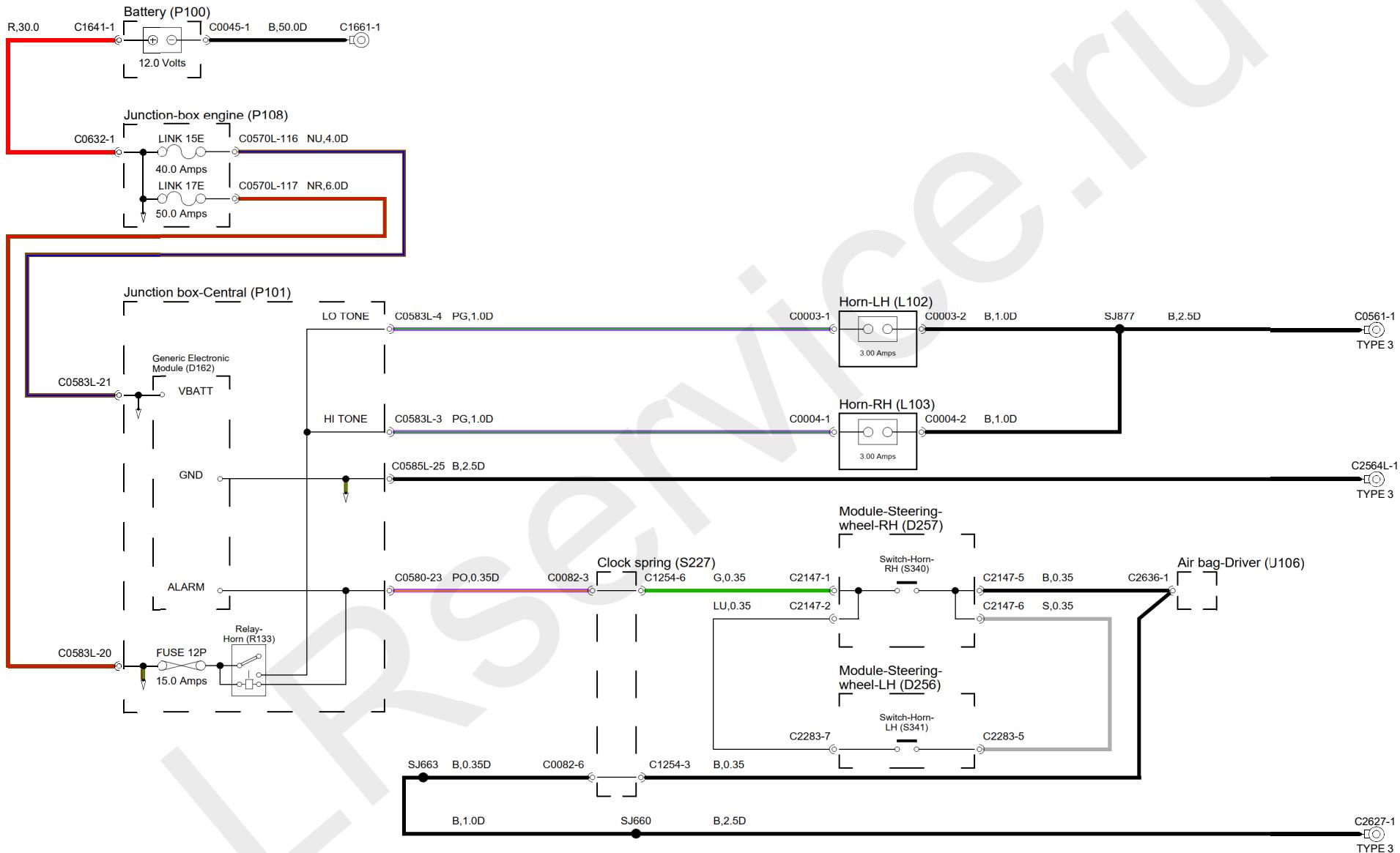


# 413-01 - INSTRUMENT CLUSTER

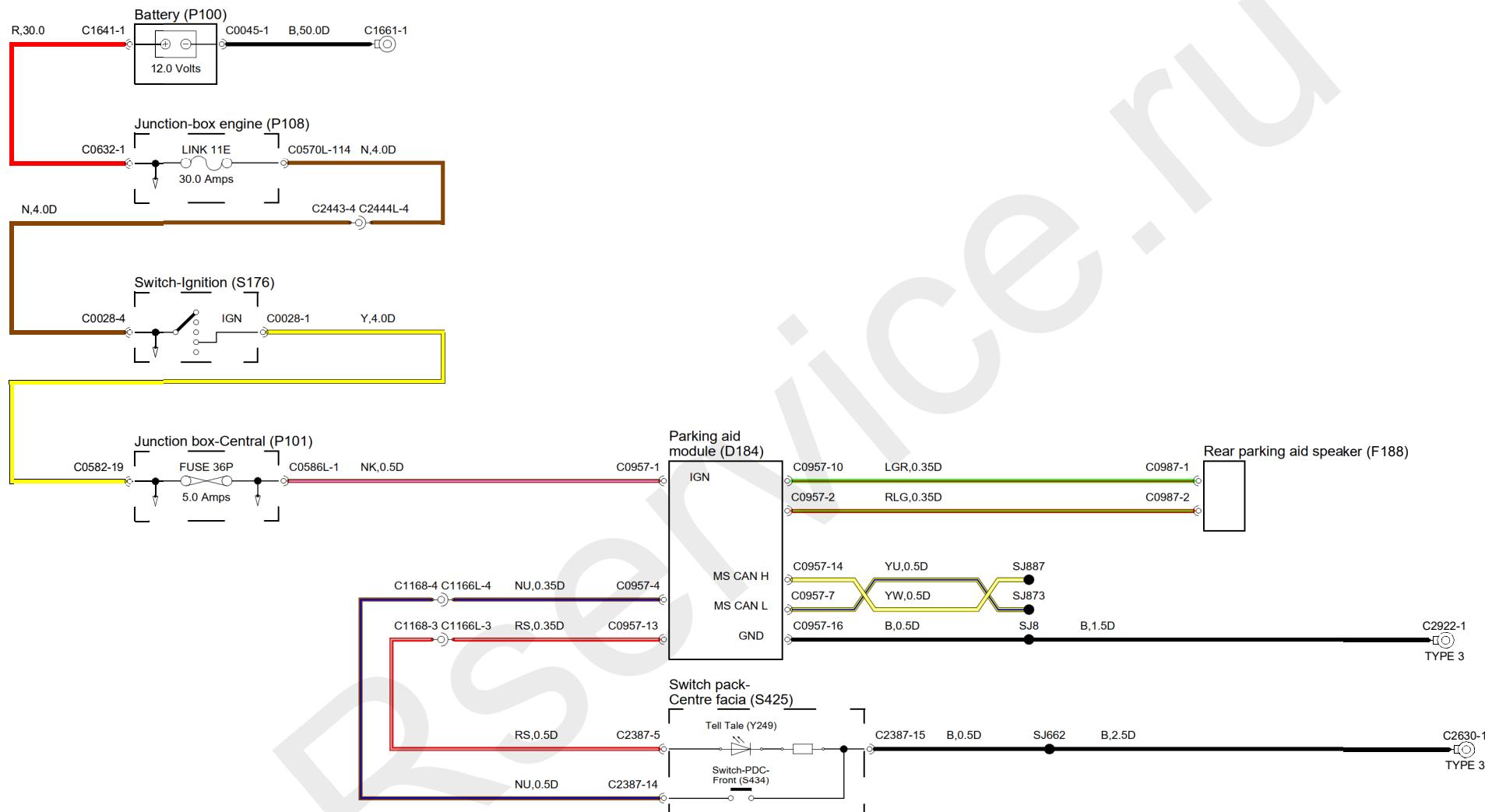
## Instrument cluster (J100)



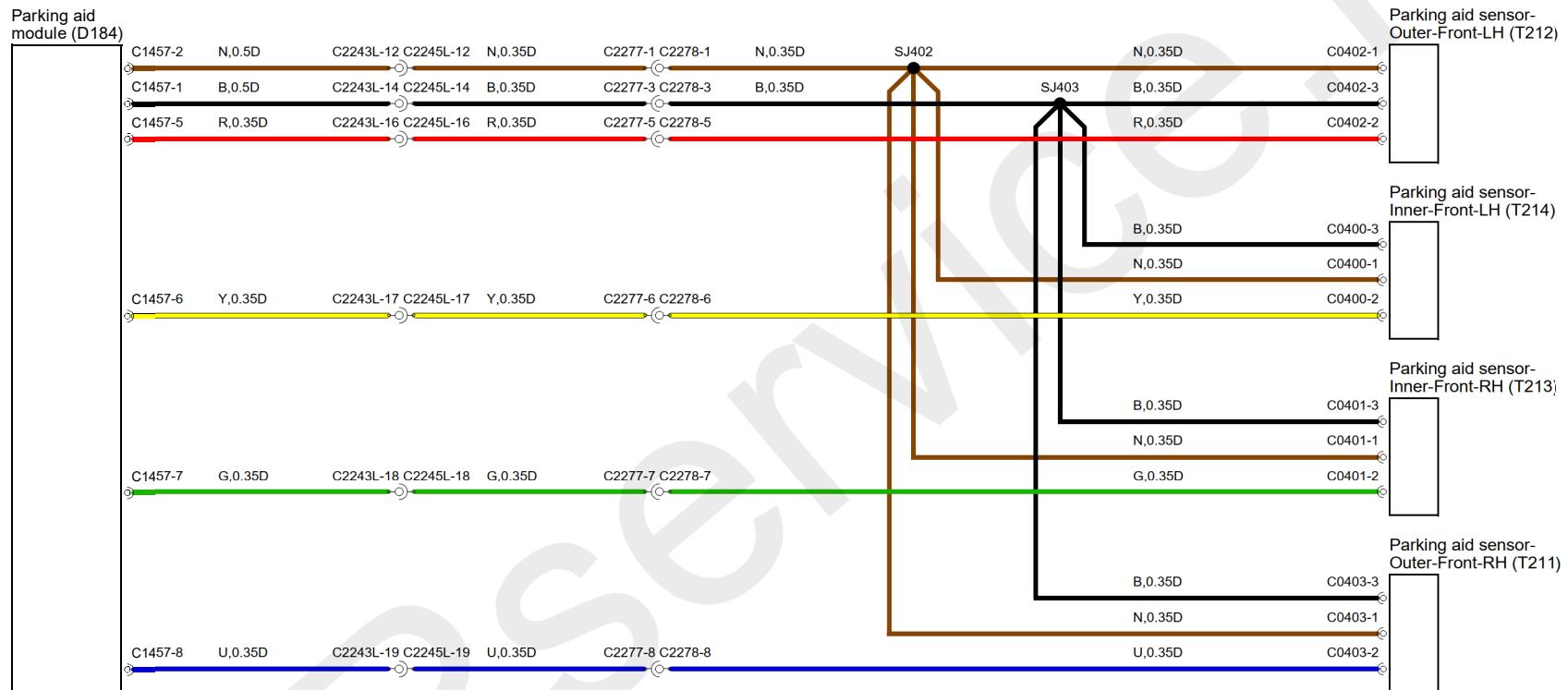
**413-06 - HORN**

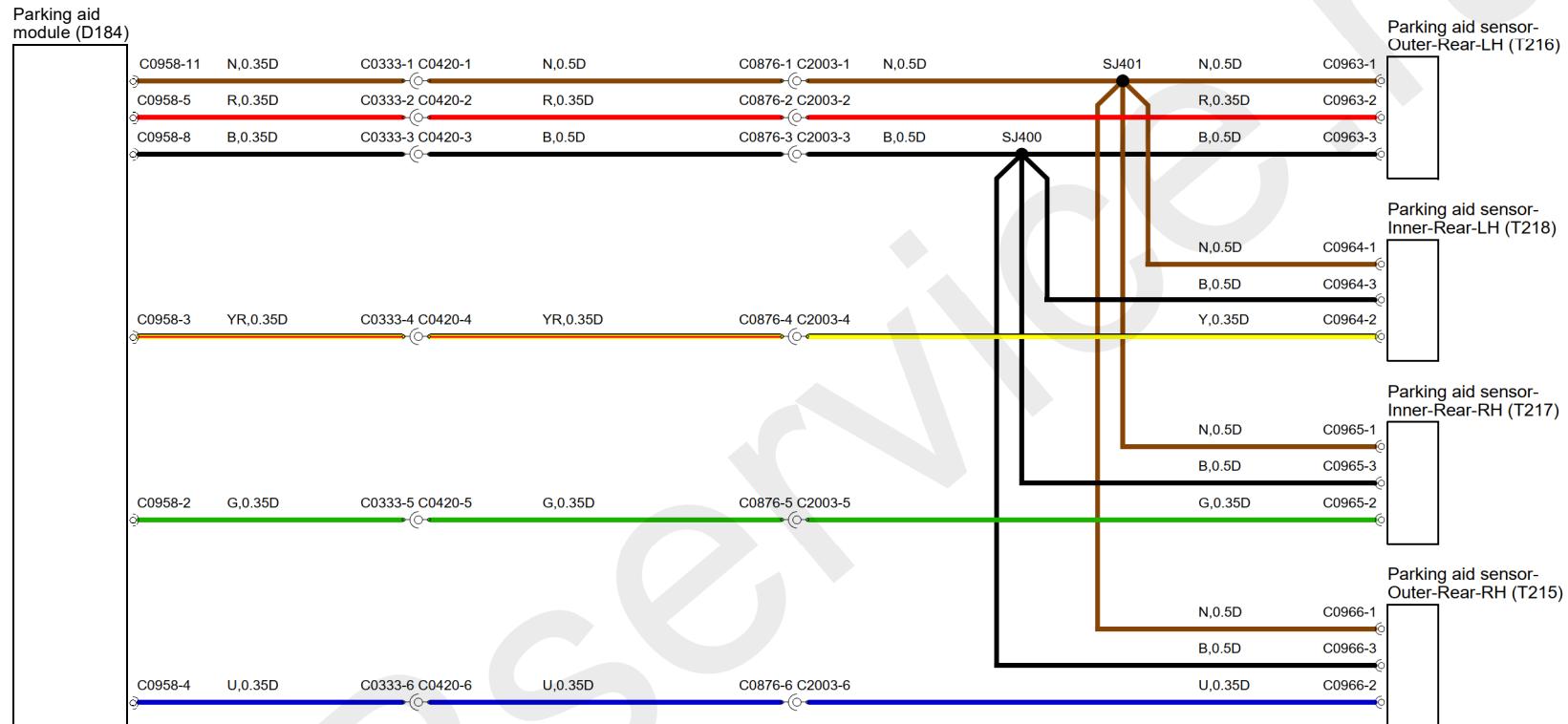


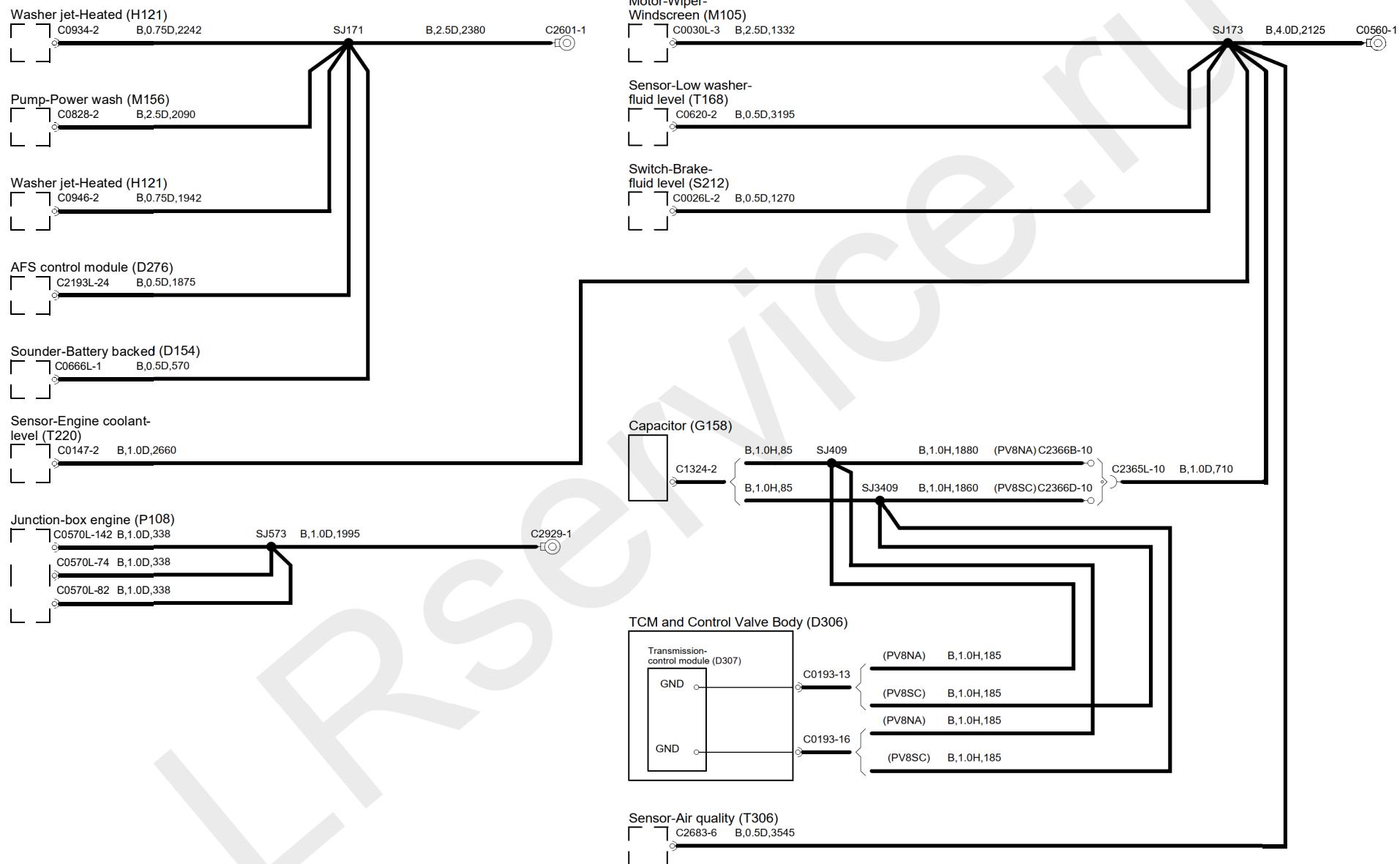
## 413-13 - PARKING AID

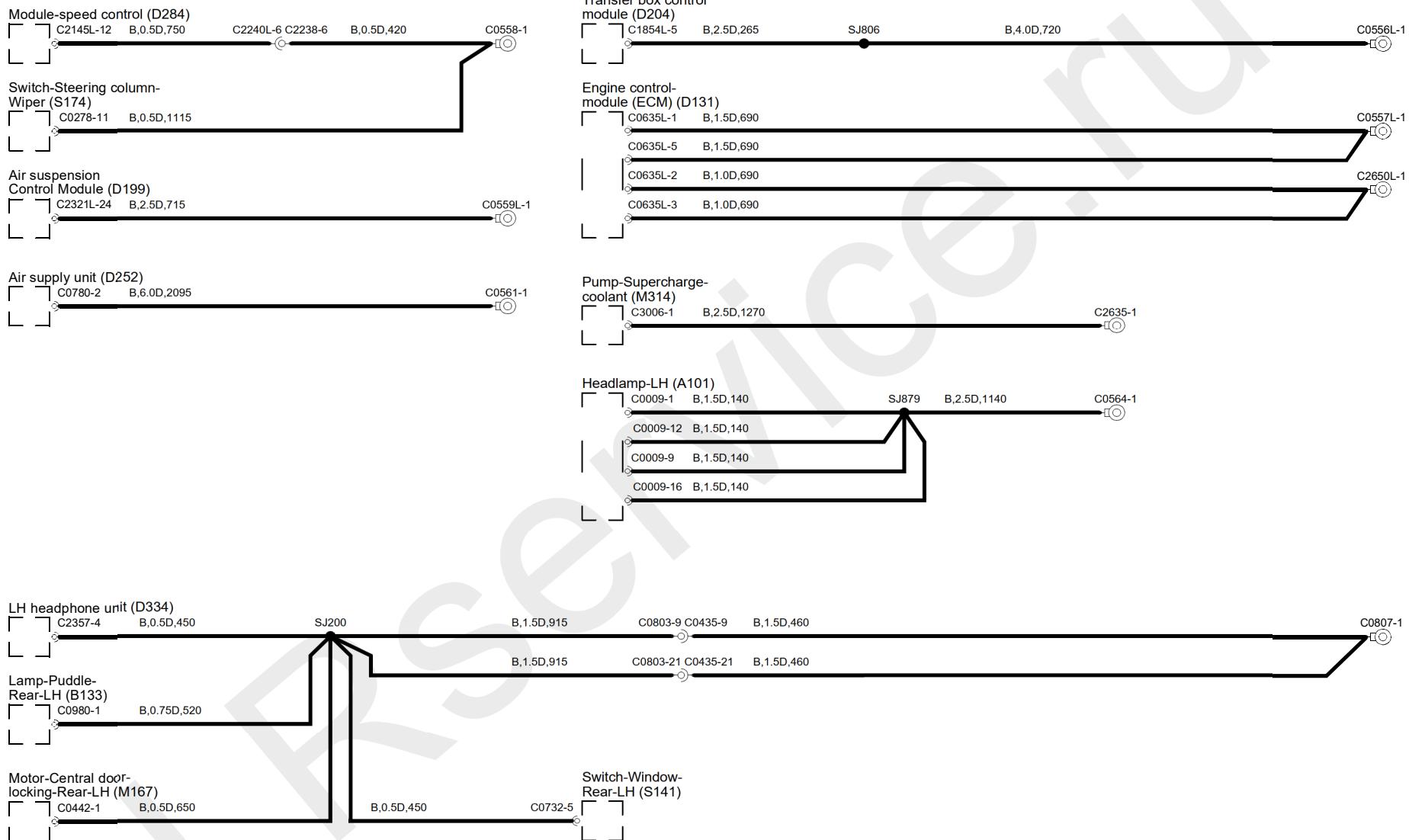


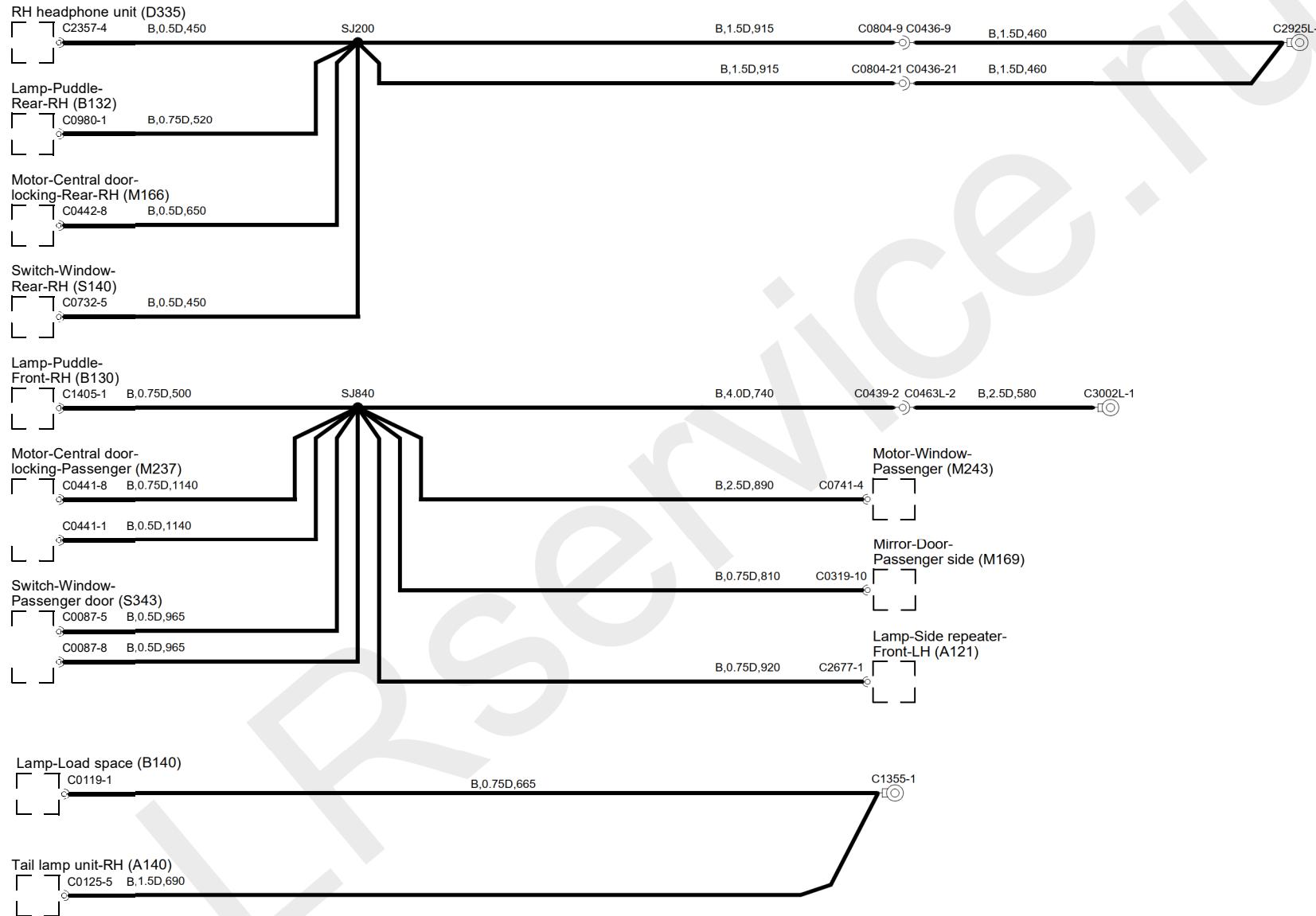
## 413-13 - PARKING AID

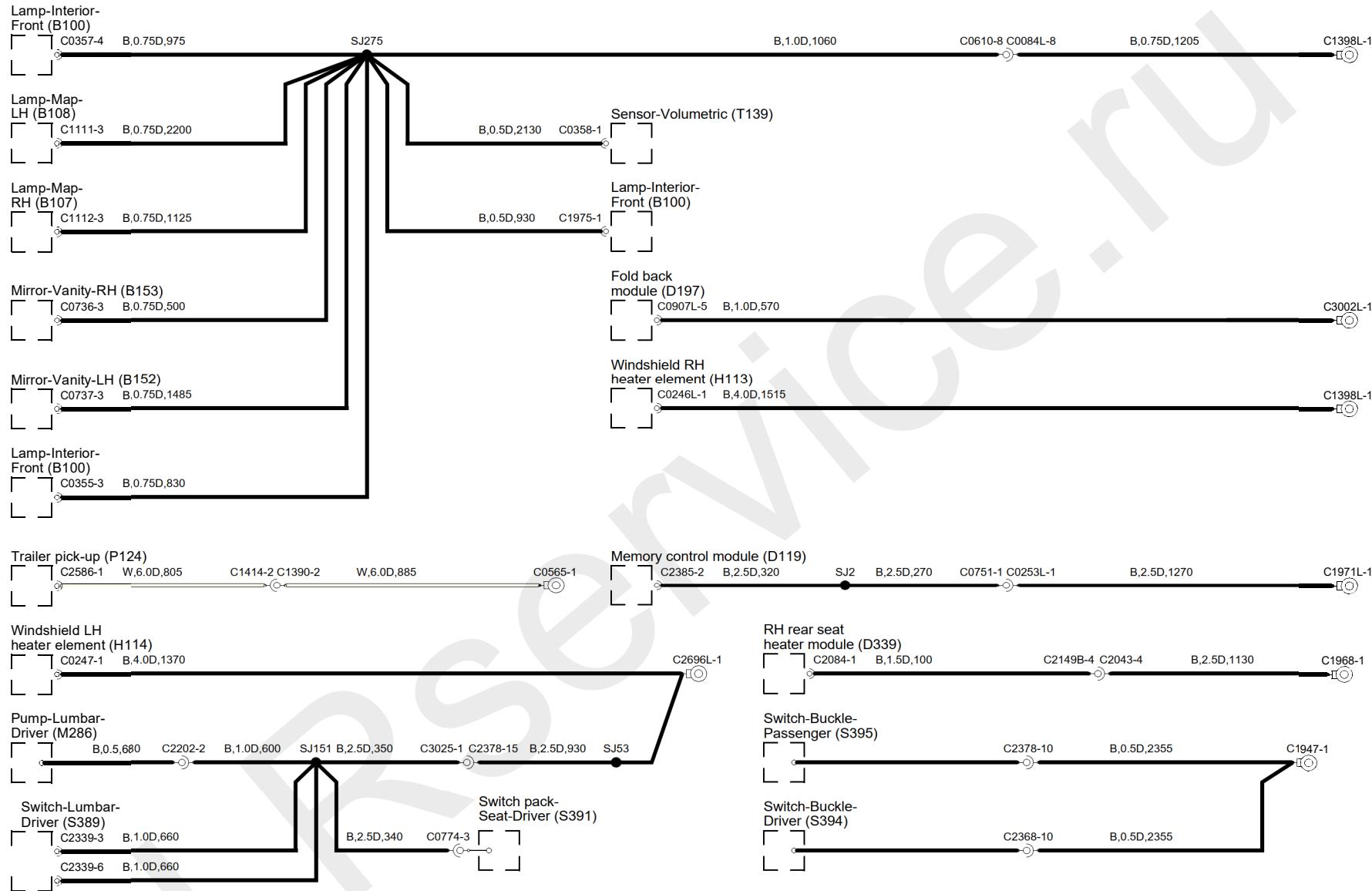


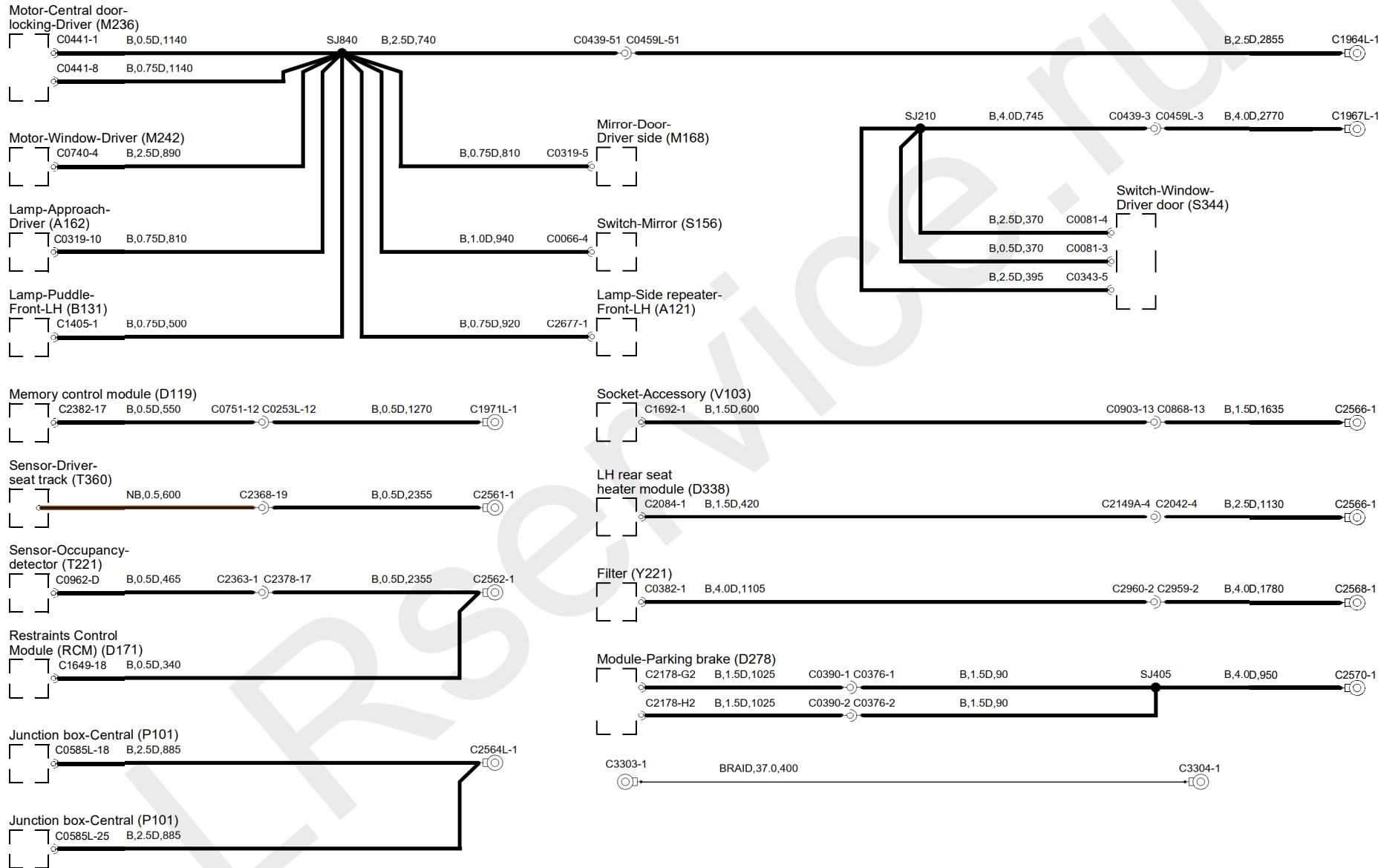


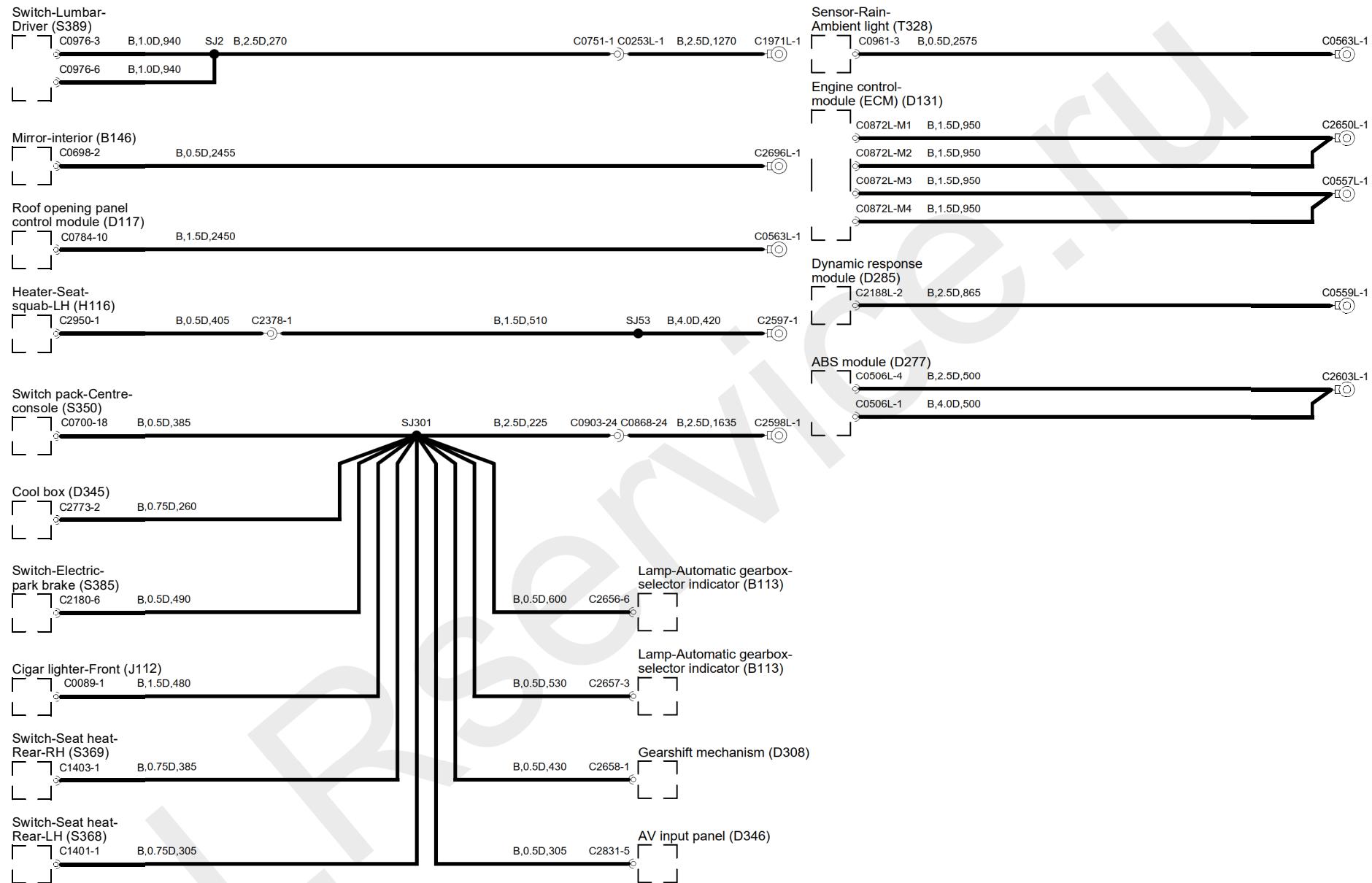


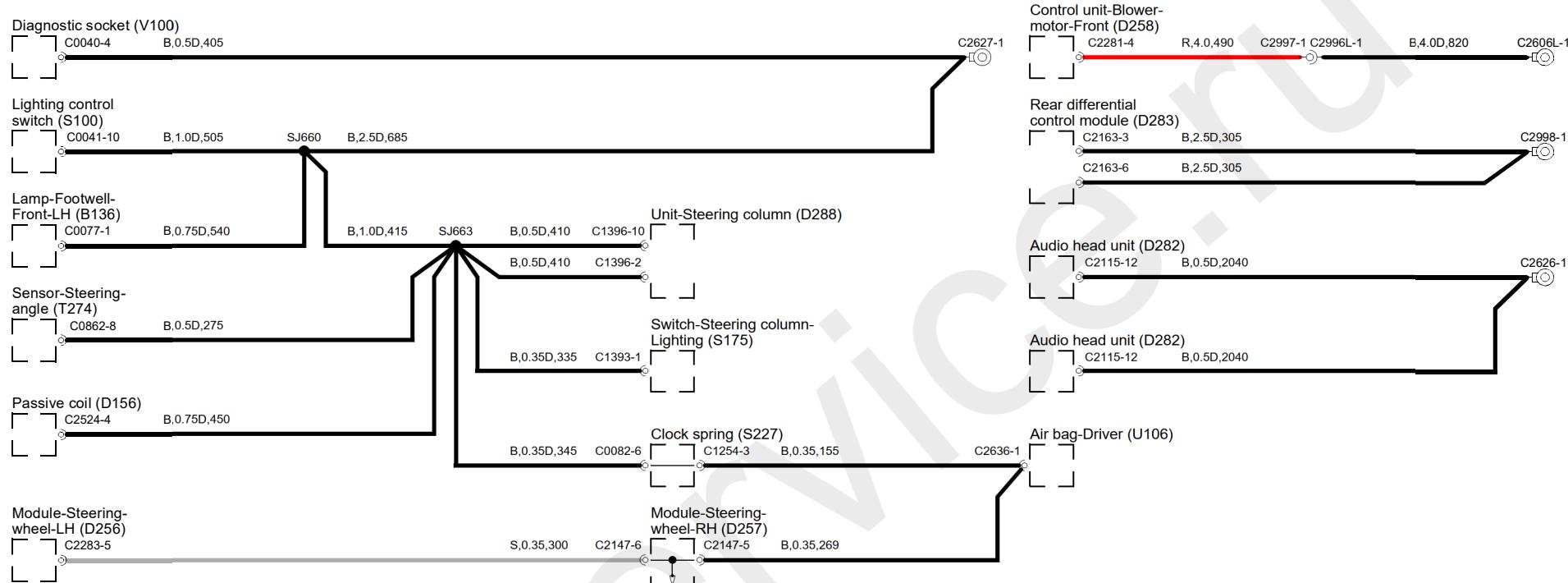


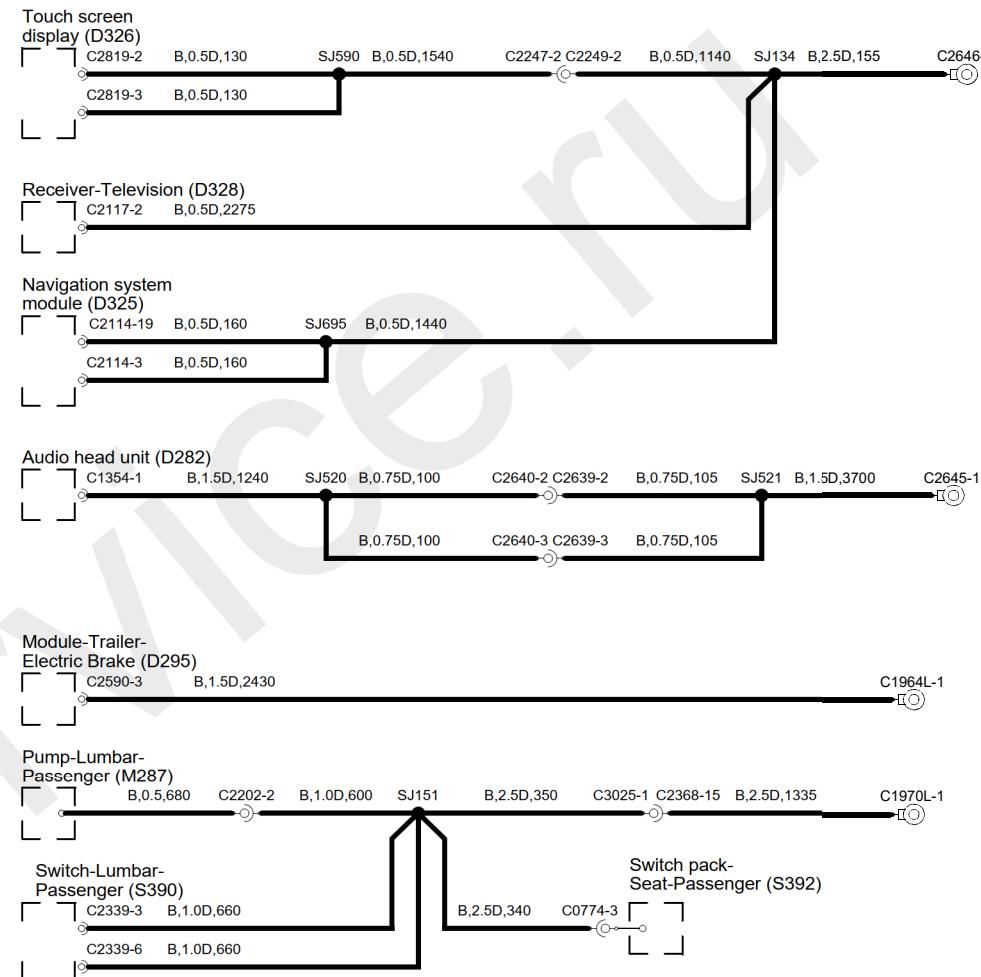
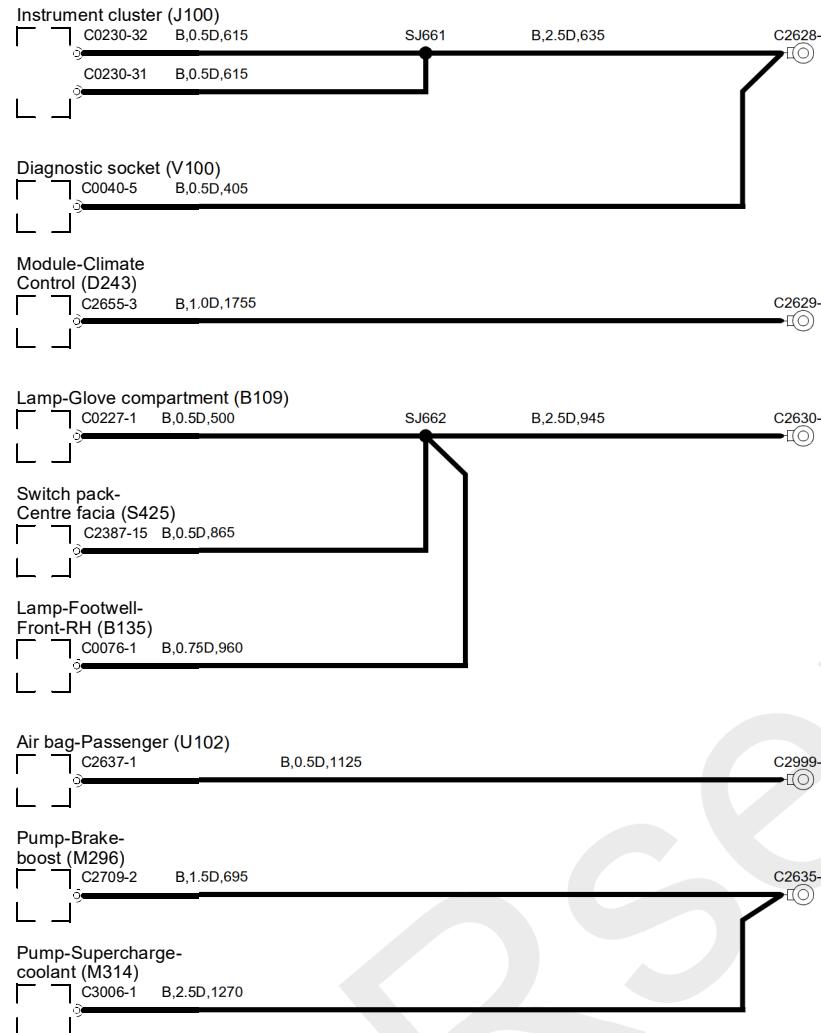


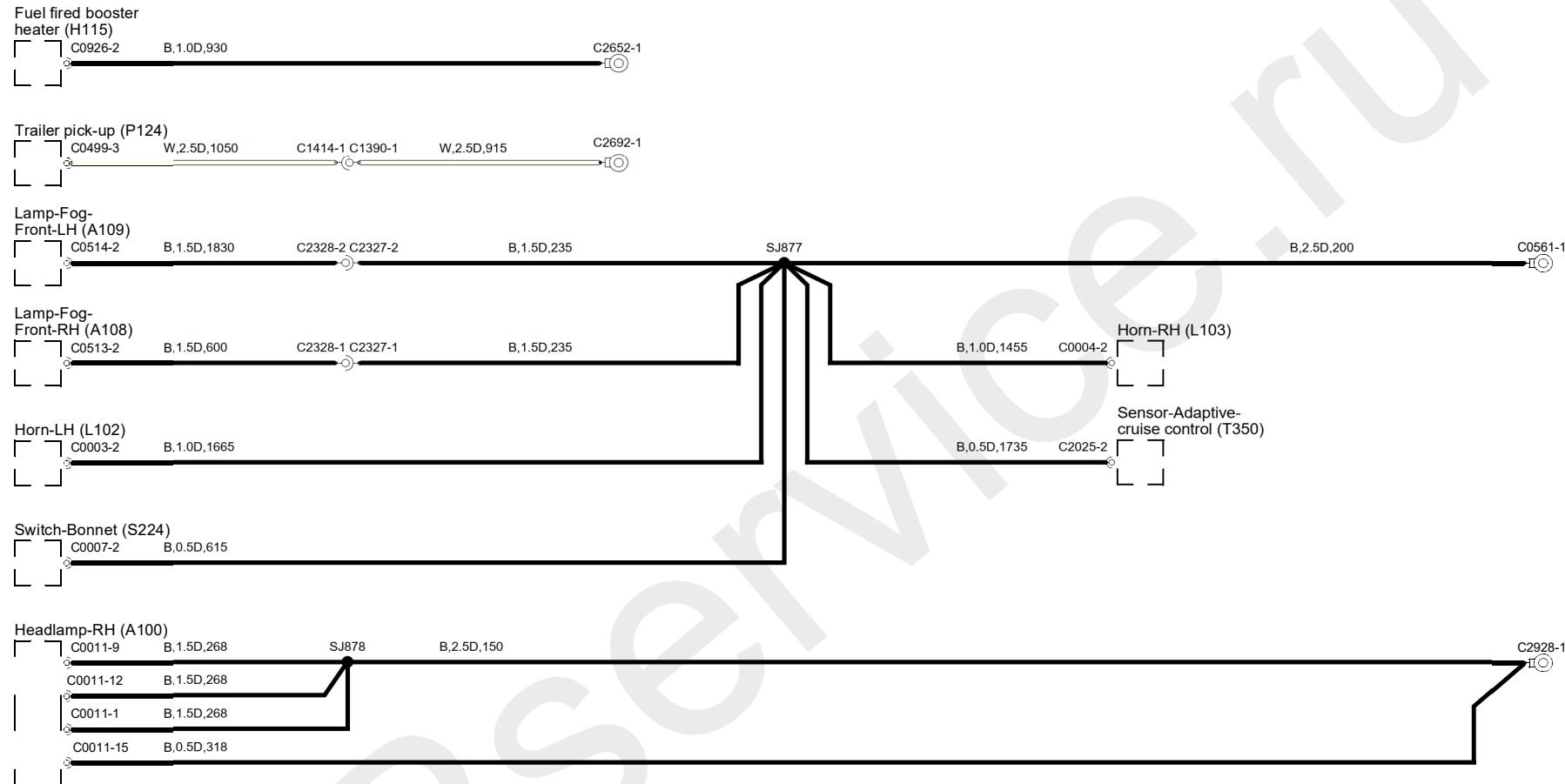


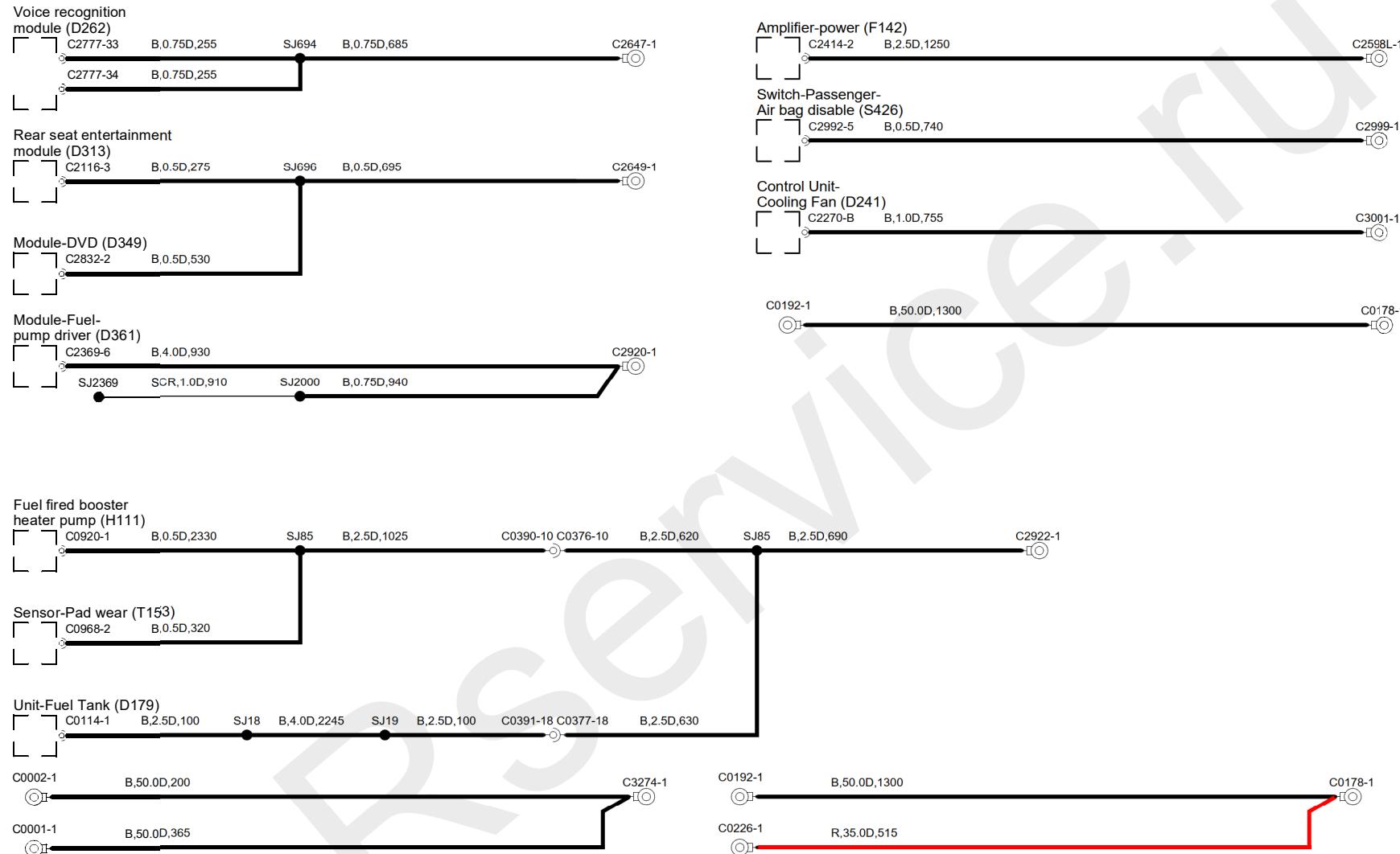


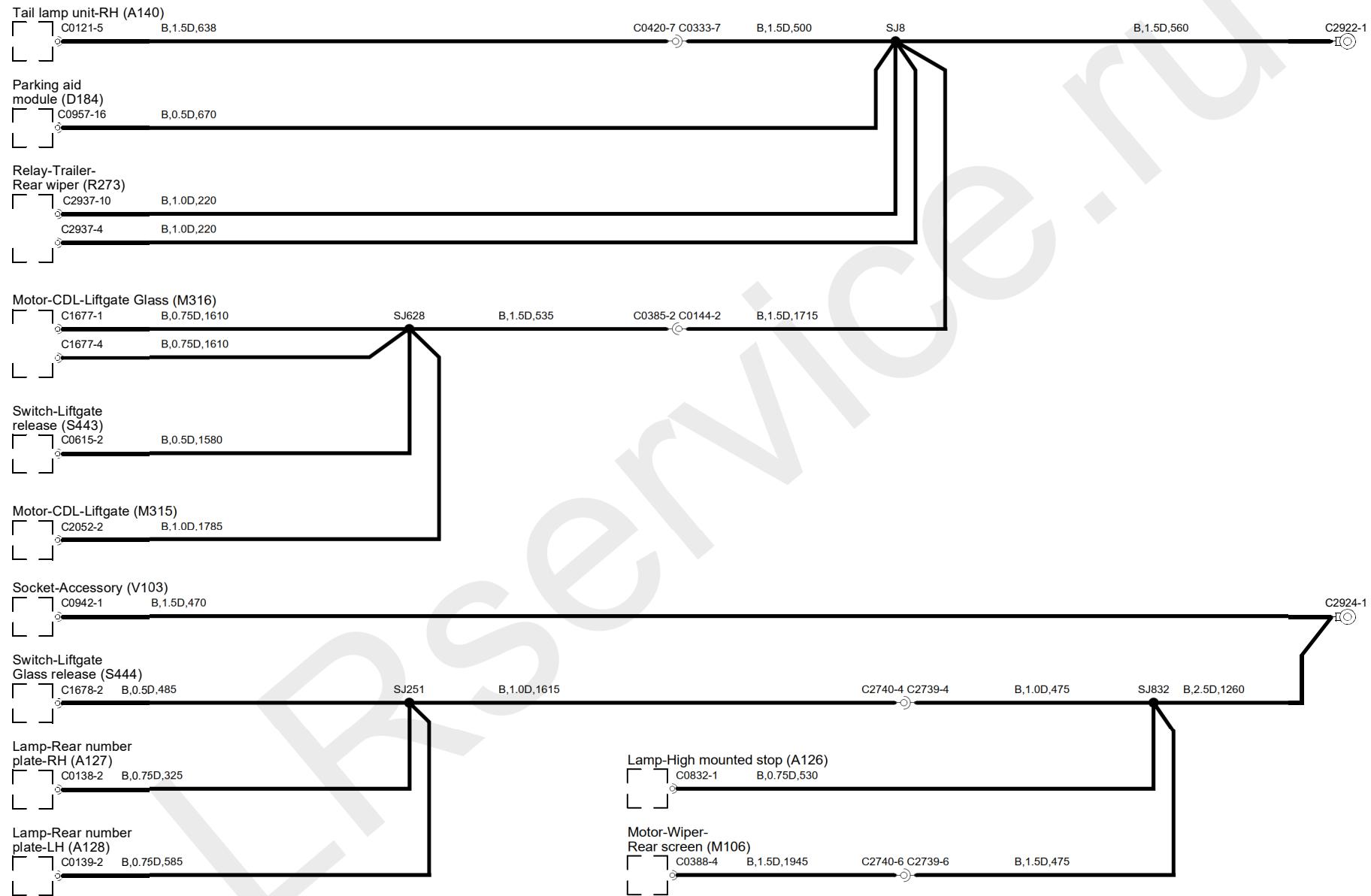


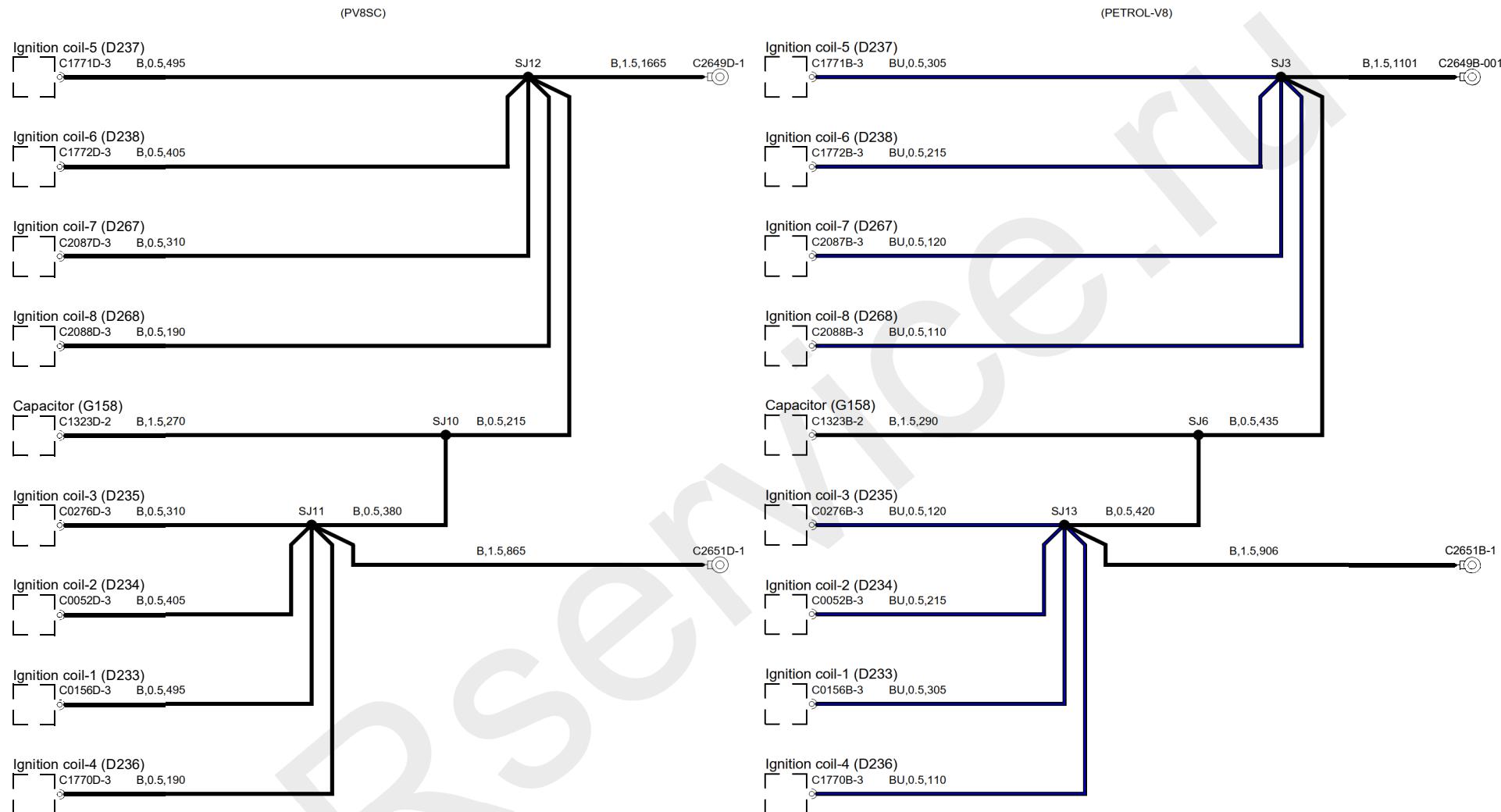


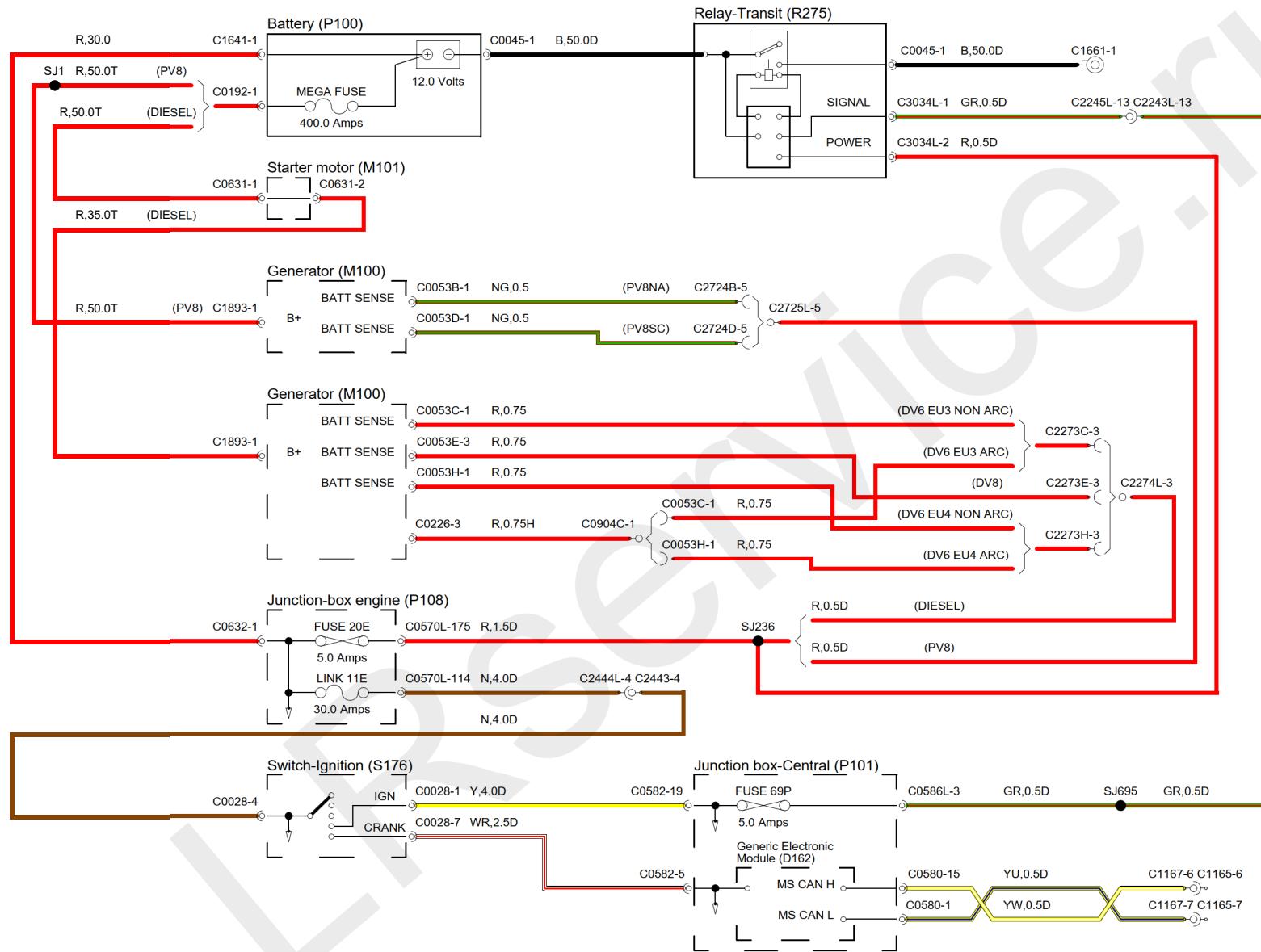


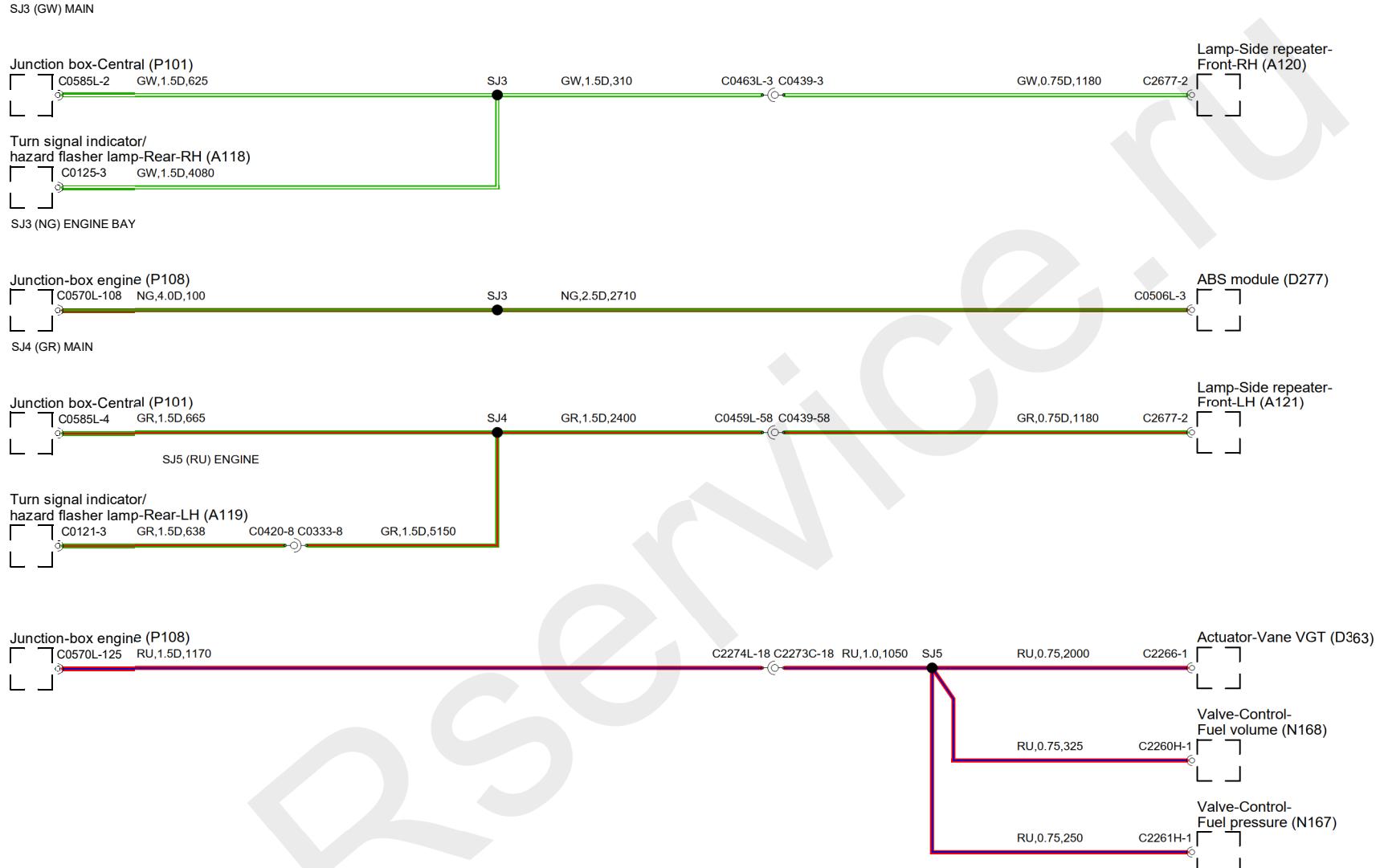


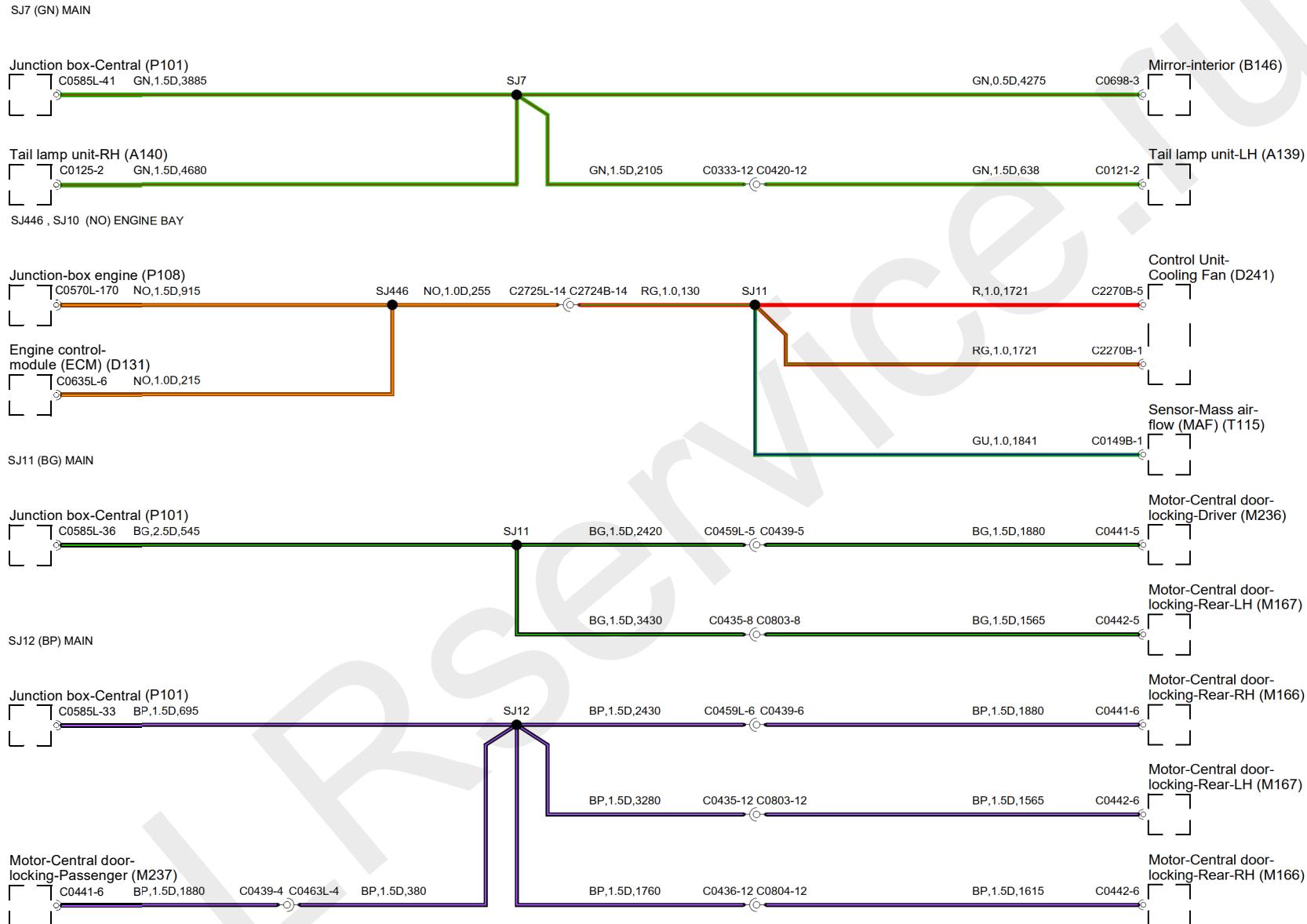




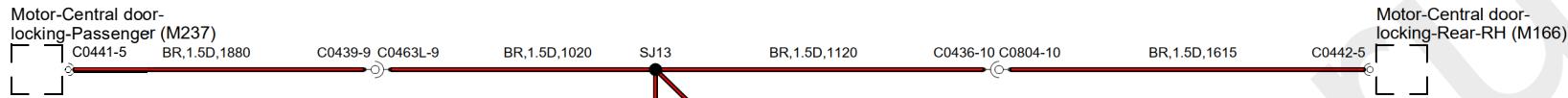




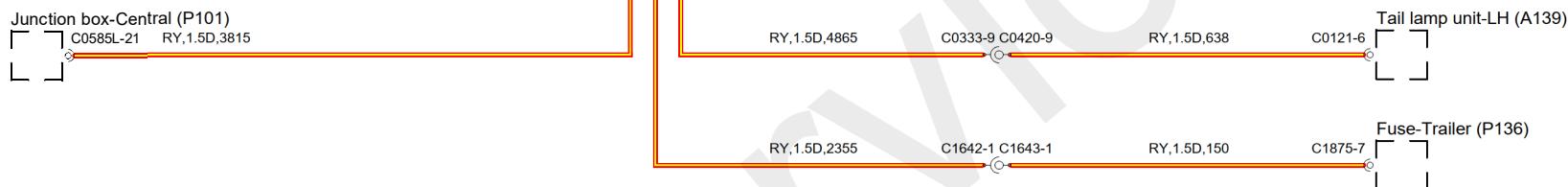




## SJ13 (BR) MAIN

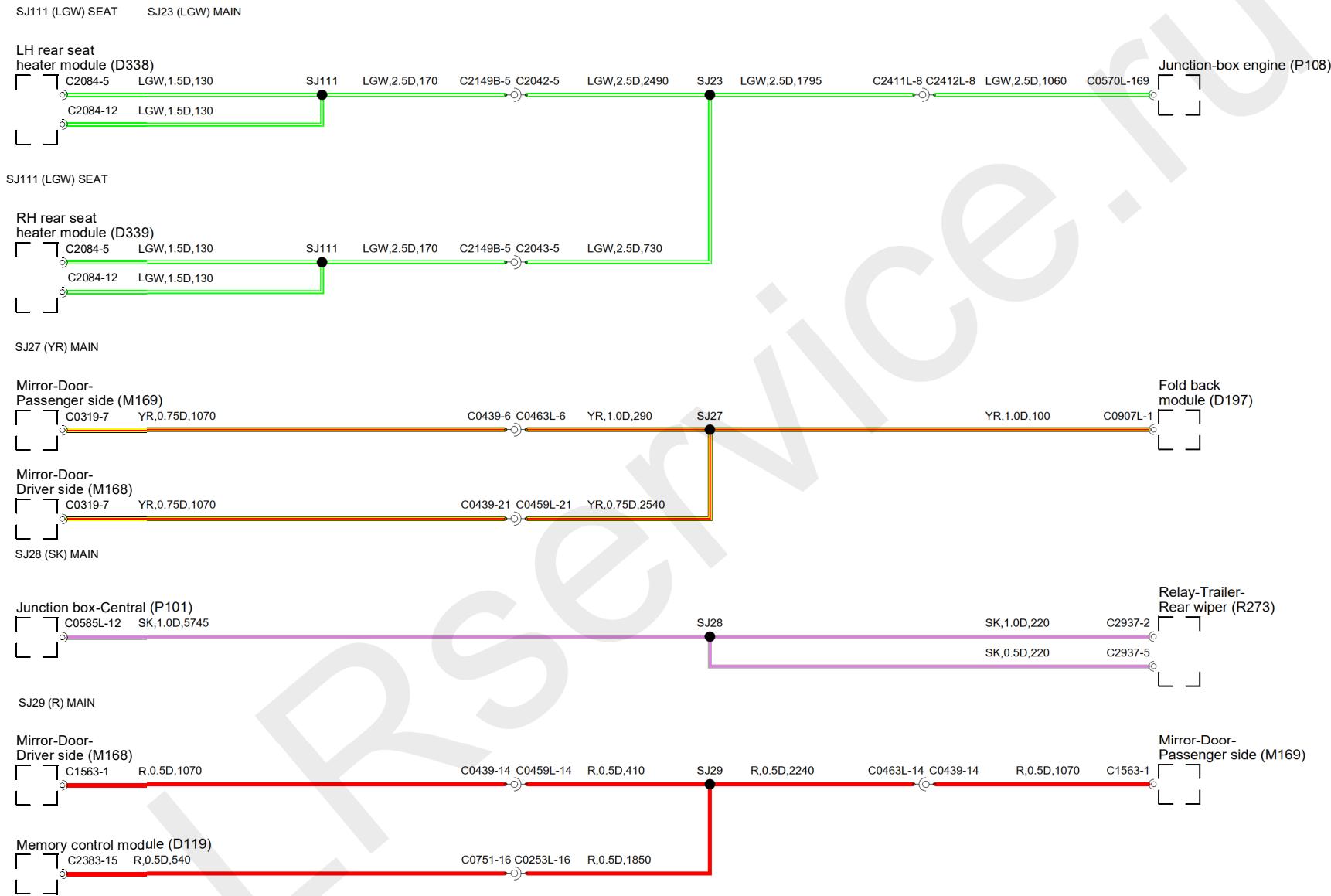


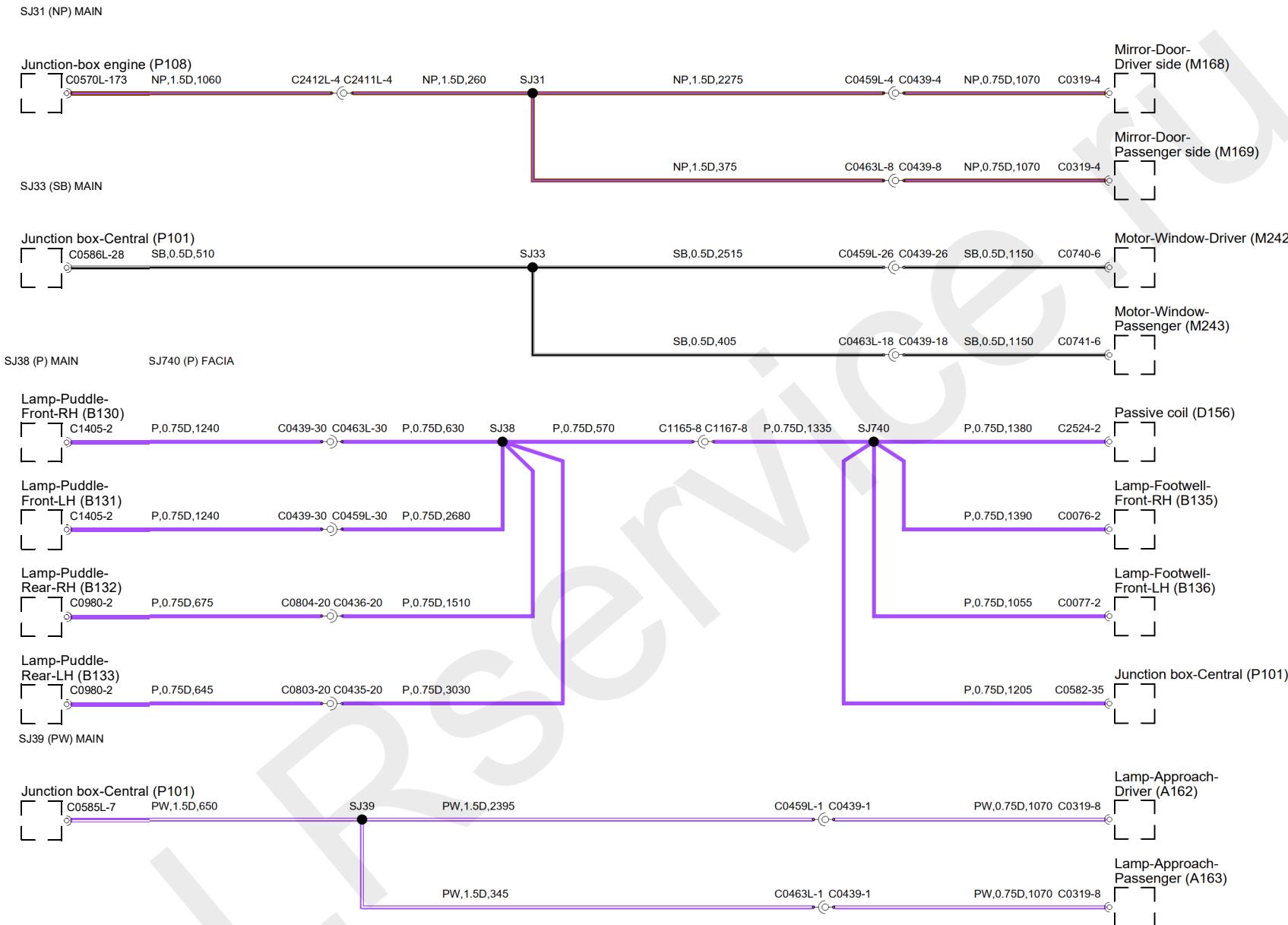
## SJ20 (RY) MAIN

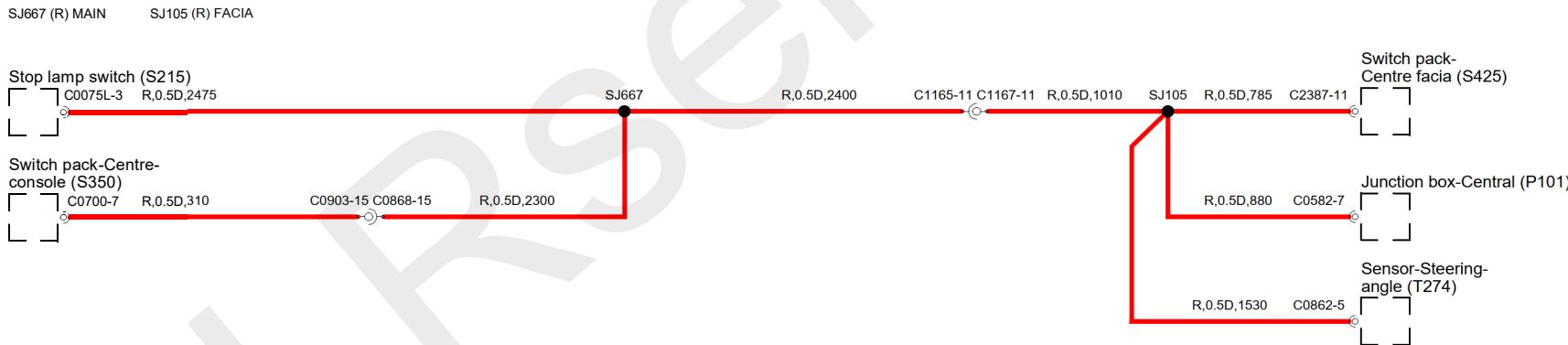
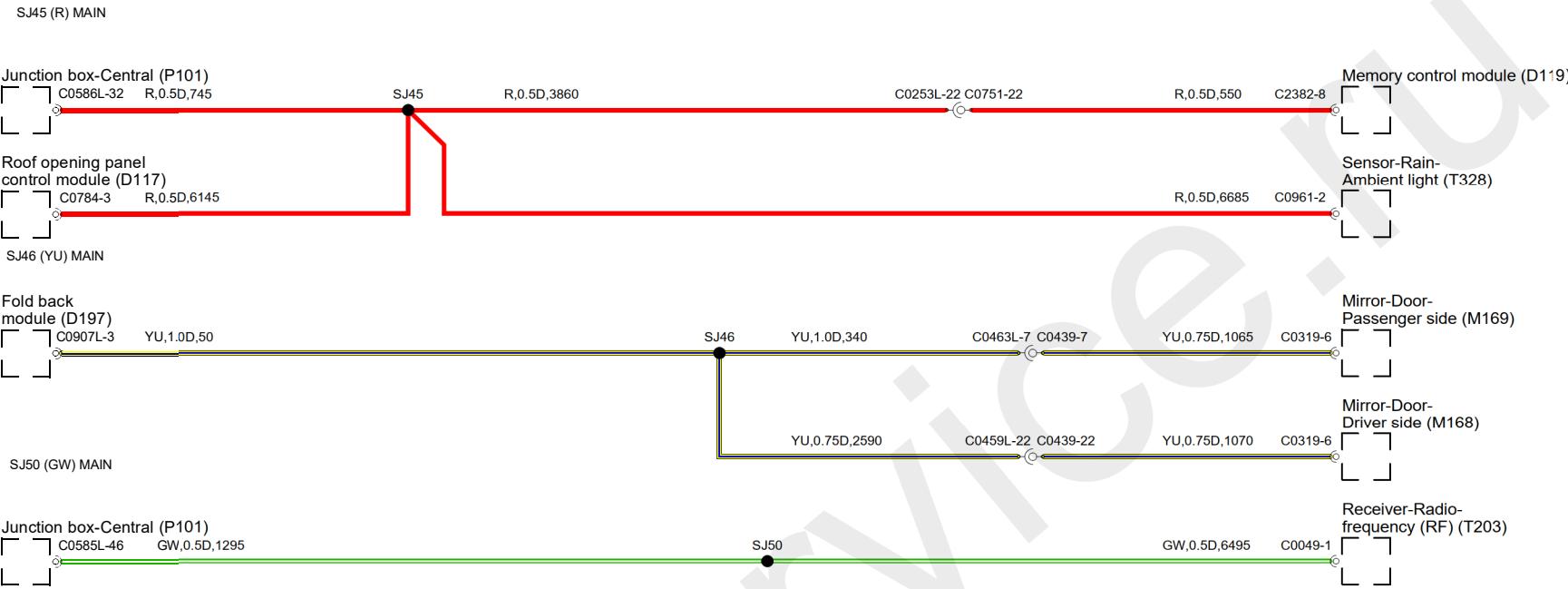


## SJ22 (RB) MAIN

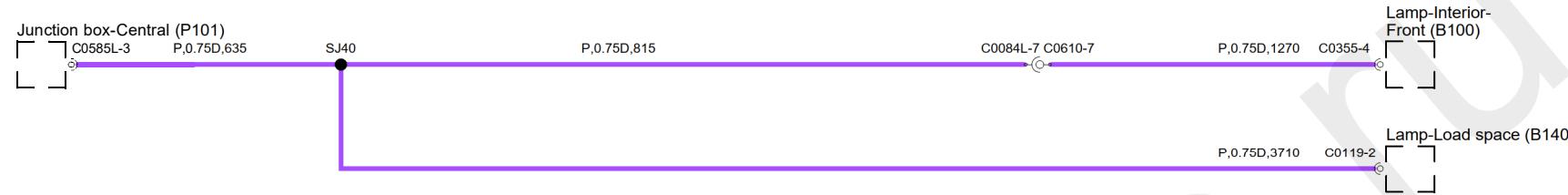




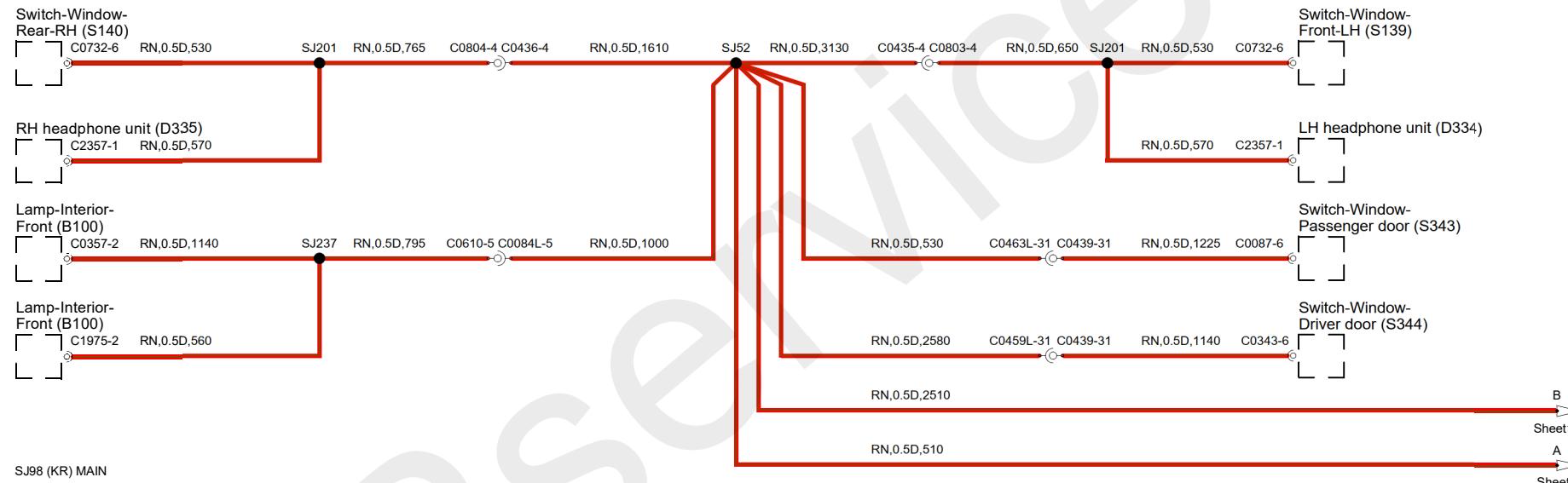


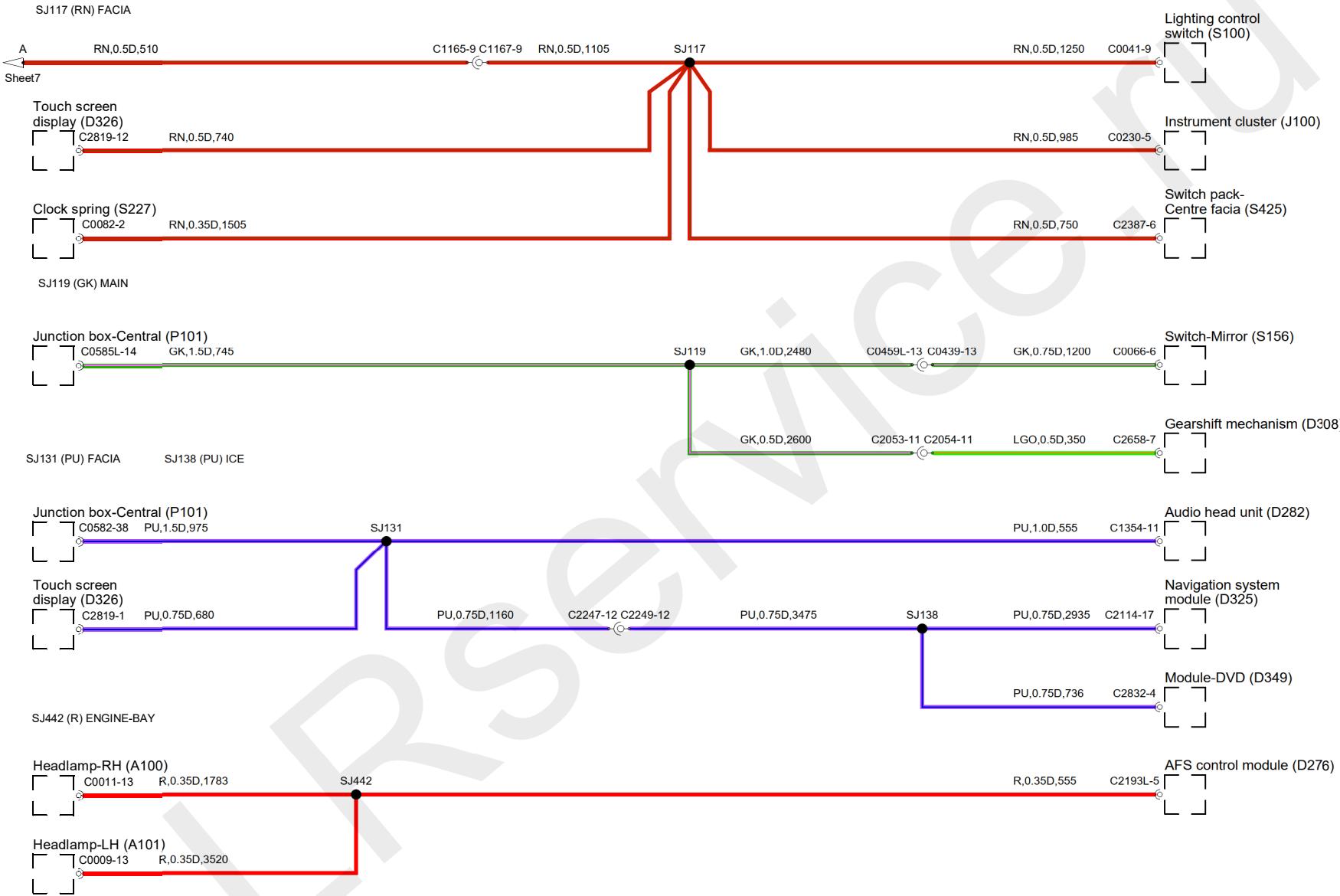


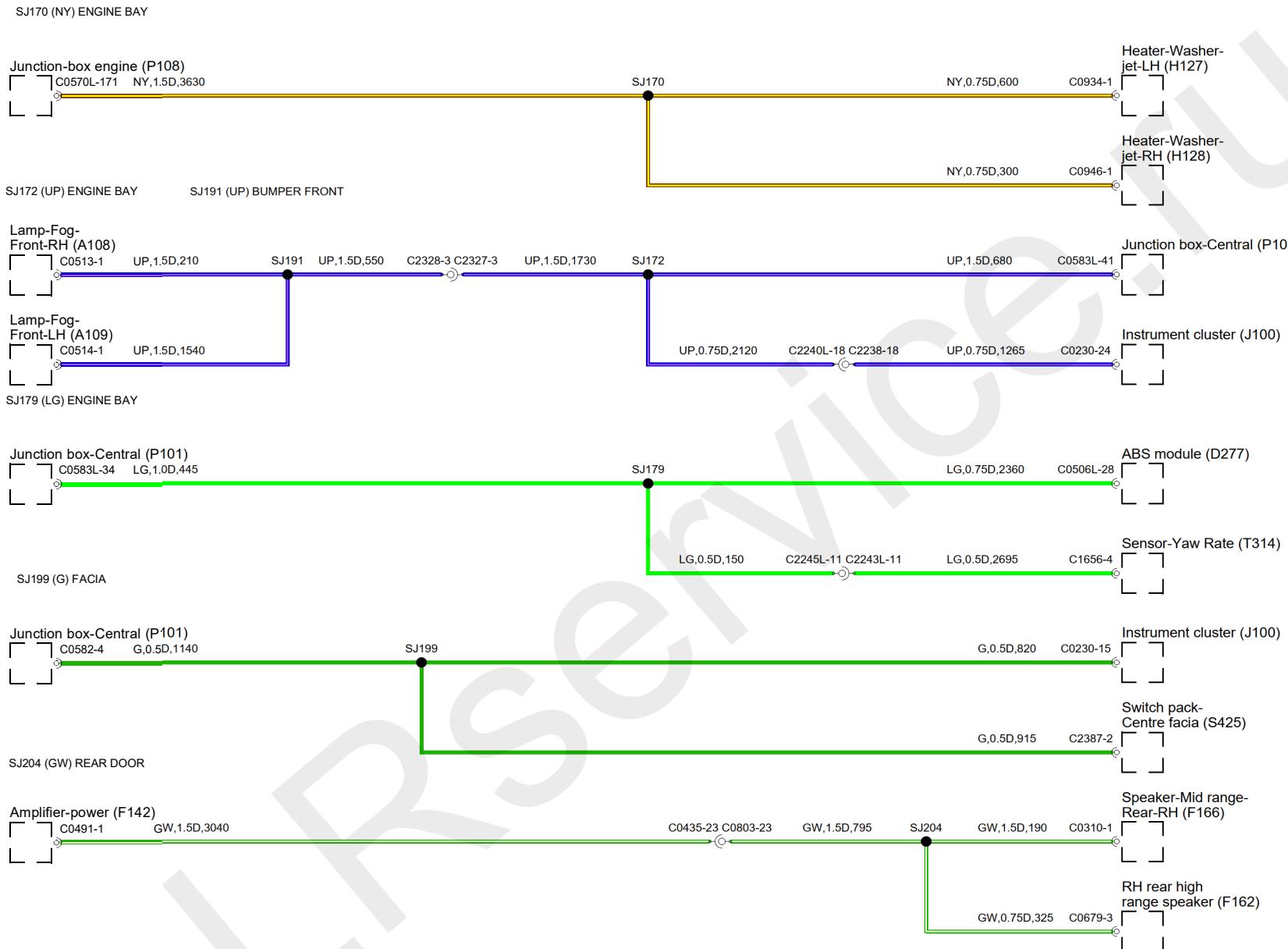
SJ40 (P) MAIN



SJ201 (RN) REAR DOOR SJ52 (RN) MAIN SJ237 (RN) ROOF







SJ204 (GW) REAR DOOR

Amplifier-power (F142)  
C0491-2 GW,1.5D,1520

C0436-23 C0804-23 GW,1.5D,740

SJ204

Speaker-Mid range-Rear-RH (F166)  
C0310-1 GW,1.5D,190

RH rear high range speaker (F162)  
C0679-3 GW,0.75D,325

SJ205 (G) REAR DOOR

Amplifier-power (F142)  
C0491-9 G,1.5D,3040

C0435-22 C0803-22 G,1.5D,840

SJ205

Speaker-Mid range-Rear-RH (F166)  
C0310-2 G,1.5D,215

RH rear high range speaker (F162)  
C0679-1 G,0.75D,350

SJ205 (G) REAR DOOR

Amplifier-power (F142)  
C0491-10 G,1.5D,1520

C0436-22 C0804-22 G,1.5D,715

SJ205

Speaker-Mid range-Rear-RH (F166)  
C0310-2 G,1.5D,215

RH rear high range speaker (F162)  
C0679-1 G,0.75D,350

SJ217 (G) FRONT DOOR

Amplifier-power (F142)  
C0491-13 G,1.5D,3810

C0459L-53 C0439-53 G,1.5D,805

SJ217

Speaker-Mid range-Front-LH (F169)  
C0369-2 G,1.5D,340

Speaker-High range-Front-LH (F165)  
C0530-1 G,0.75D,320

SJ217 (G) FRONT DOOR

Amplifier-power (F142)  
C0491-14 G,1.5D,1760

C0463L-51 C0439-51 G,1.5D,805

SJ217

Speaker-Mid range-Front-RH (F168)  
C0369-2 G,1.5D,340

Speaker-High range-Front-RH (F164)  
C0530-1 G,0.75D,320

SJ215 (SW) FRONT DOOR



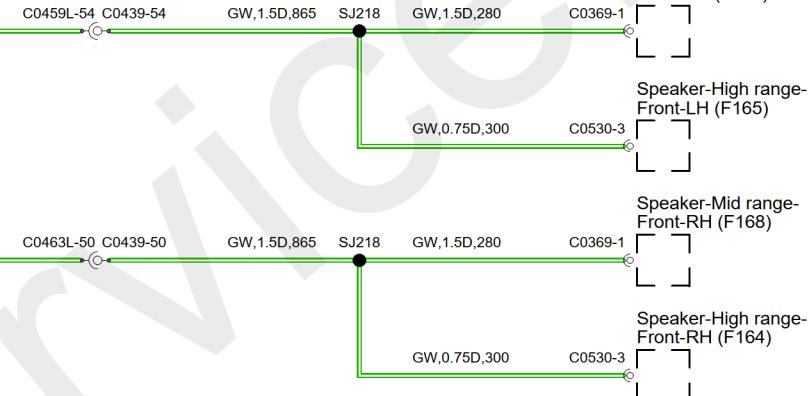
Mirror-Door-  
Driver side (M168)  
C0319-2 SW,0.5D,235

SJ218 (GW) FRONT DOOR

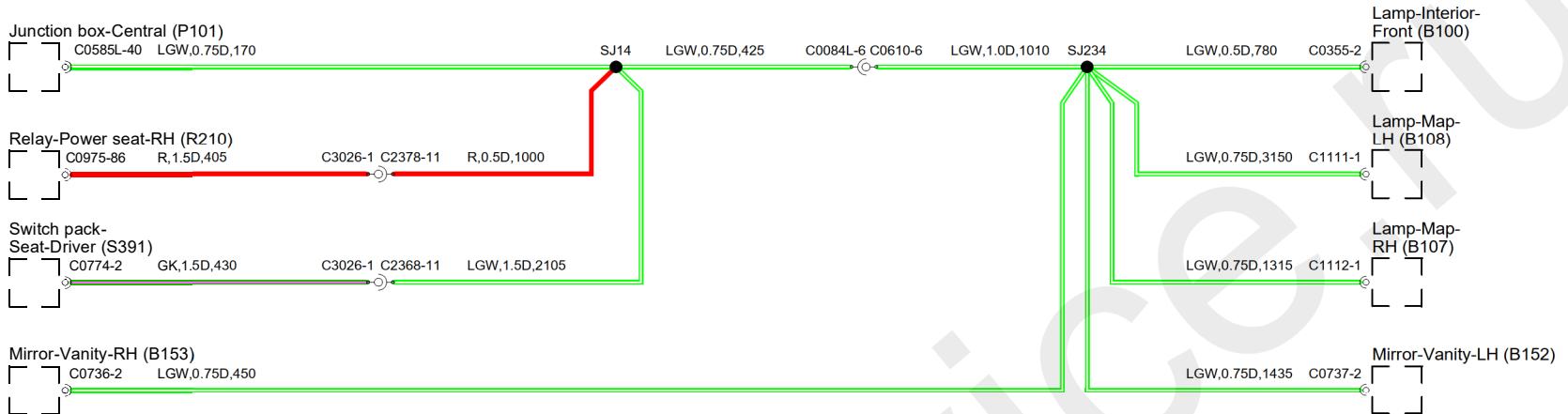
Amplifier-power (F142)  
C0491-5 GW,1.5D,3810

SJ218 (GW) FRONT DOOR

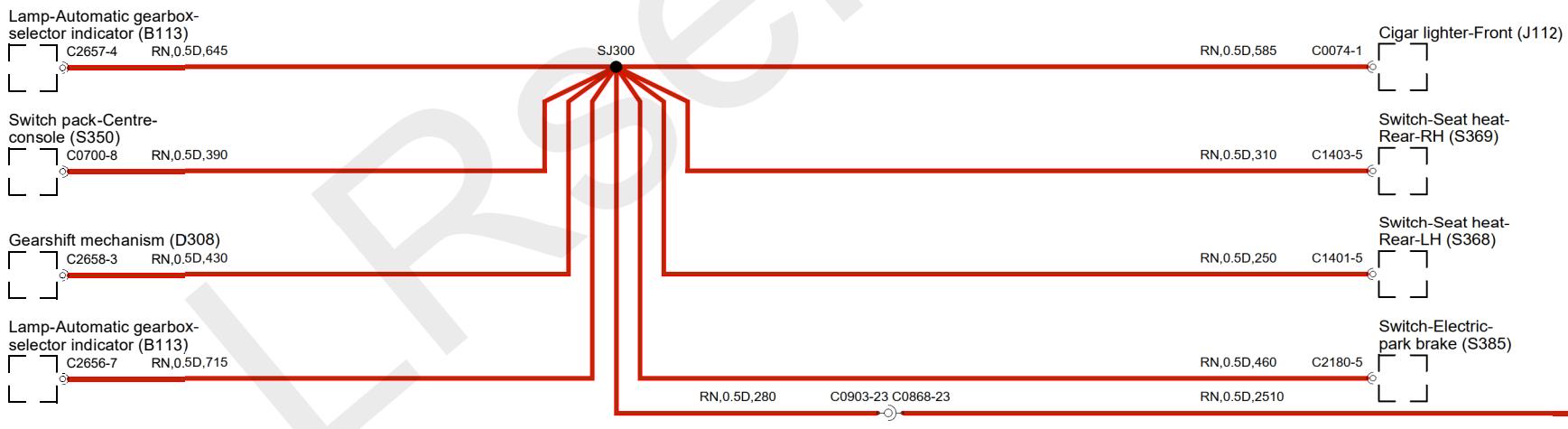
Amplifier-power (F142)  
C0491-6 GW,1.5D,1760

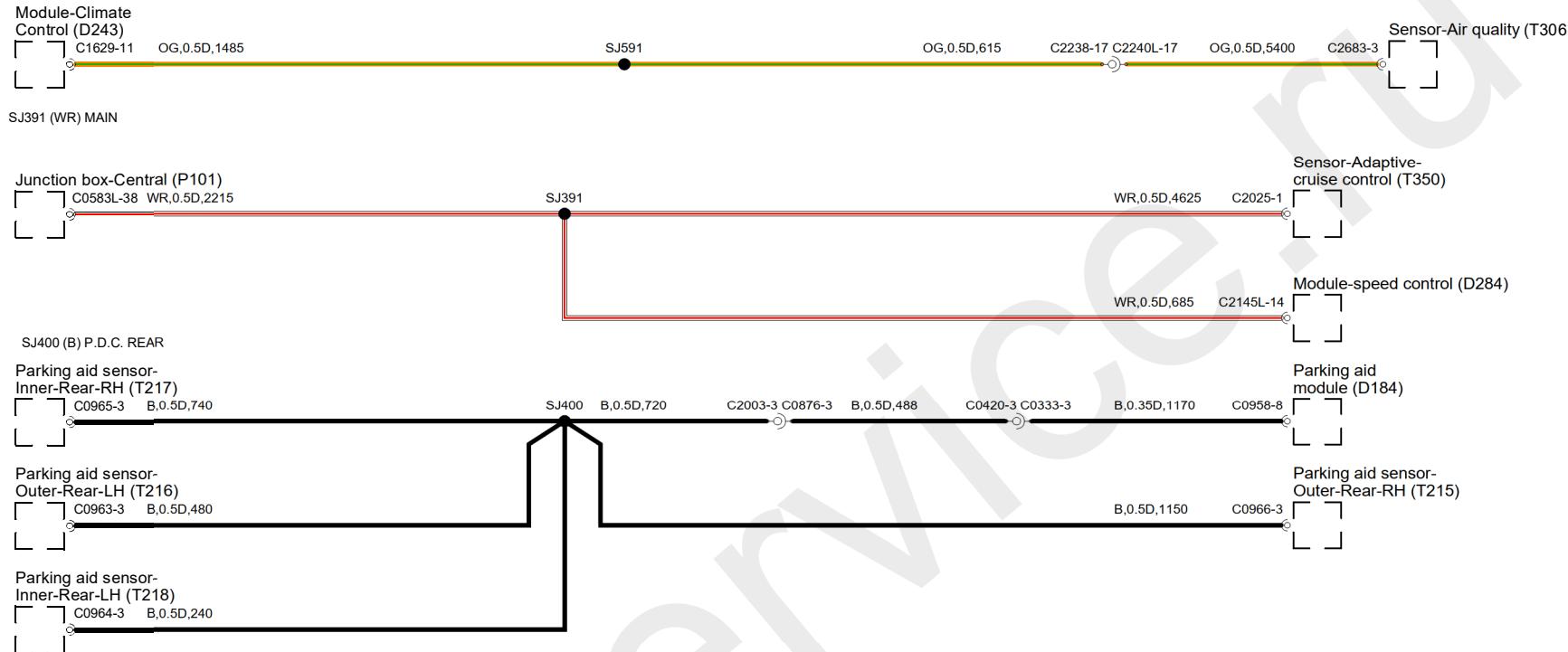


SJ14 (LGW) MAIN SJ234 (LGW) ROOF

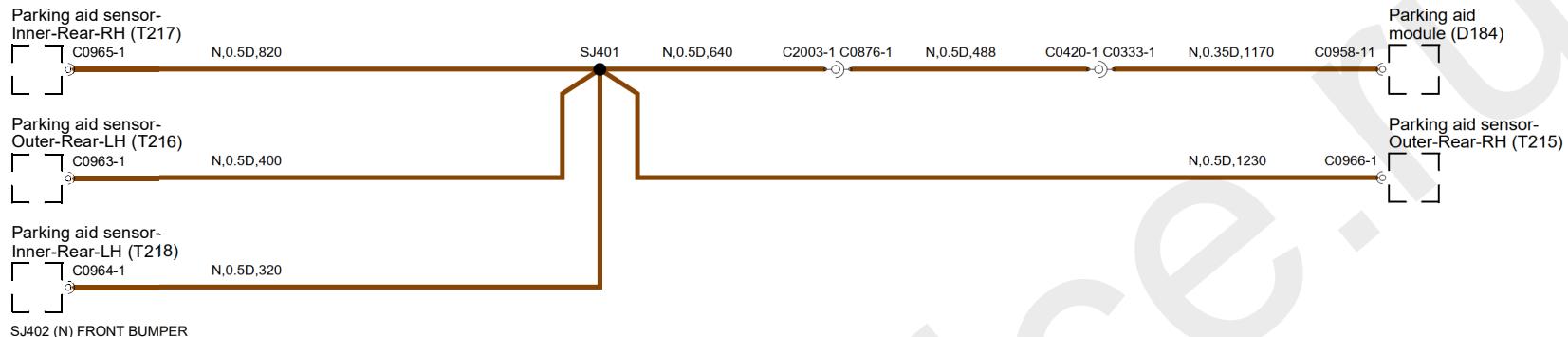


SJ300 (RN) CONSOLE

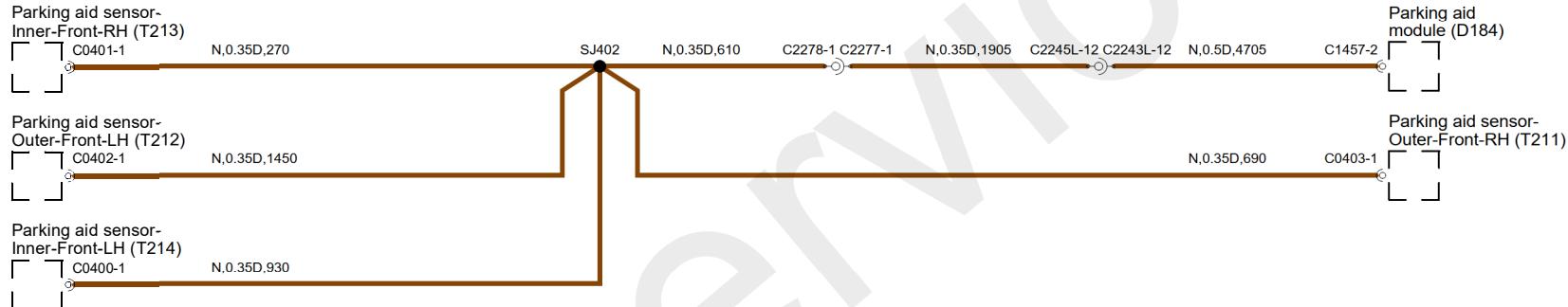




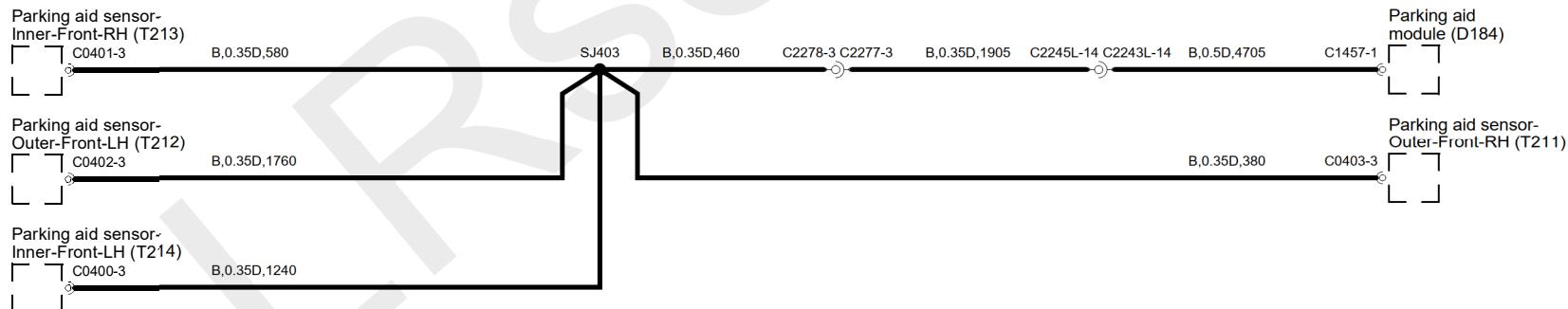
SJ401 (N) P.D.C. REAR



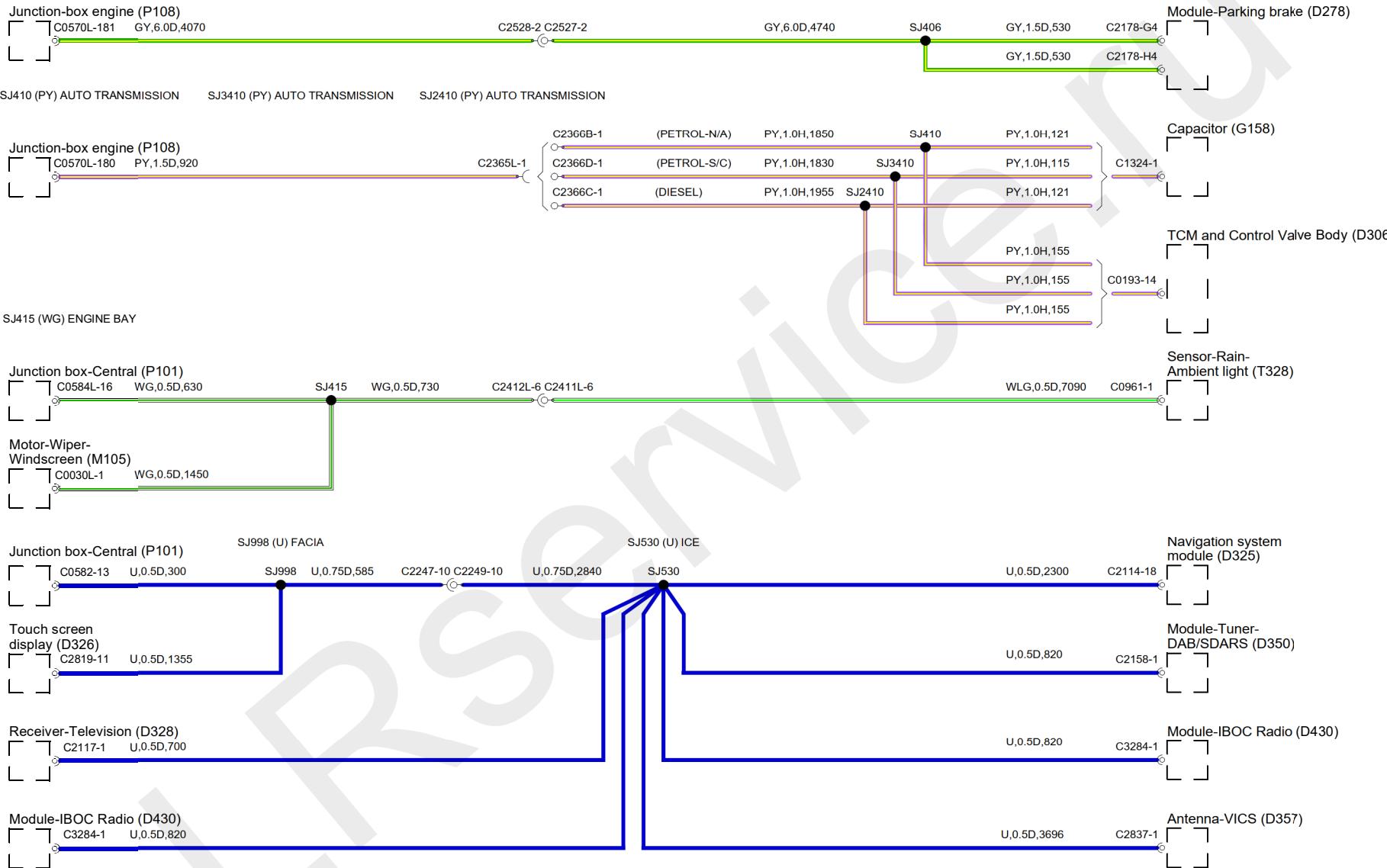
SJ402 (N) FRONT BUMPER

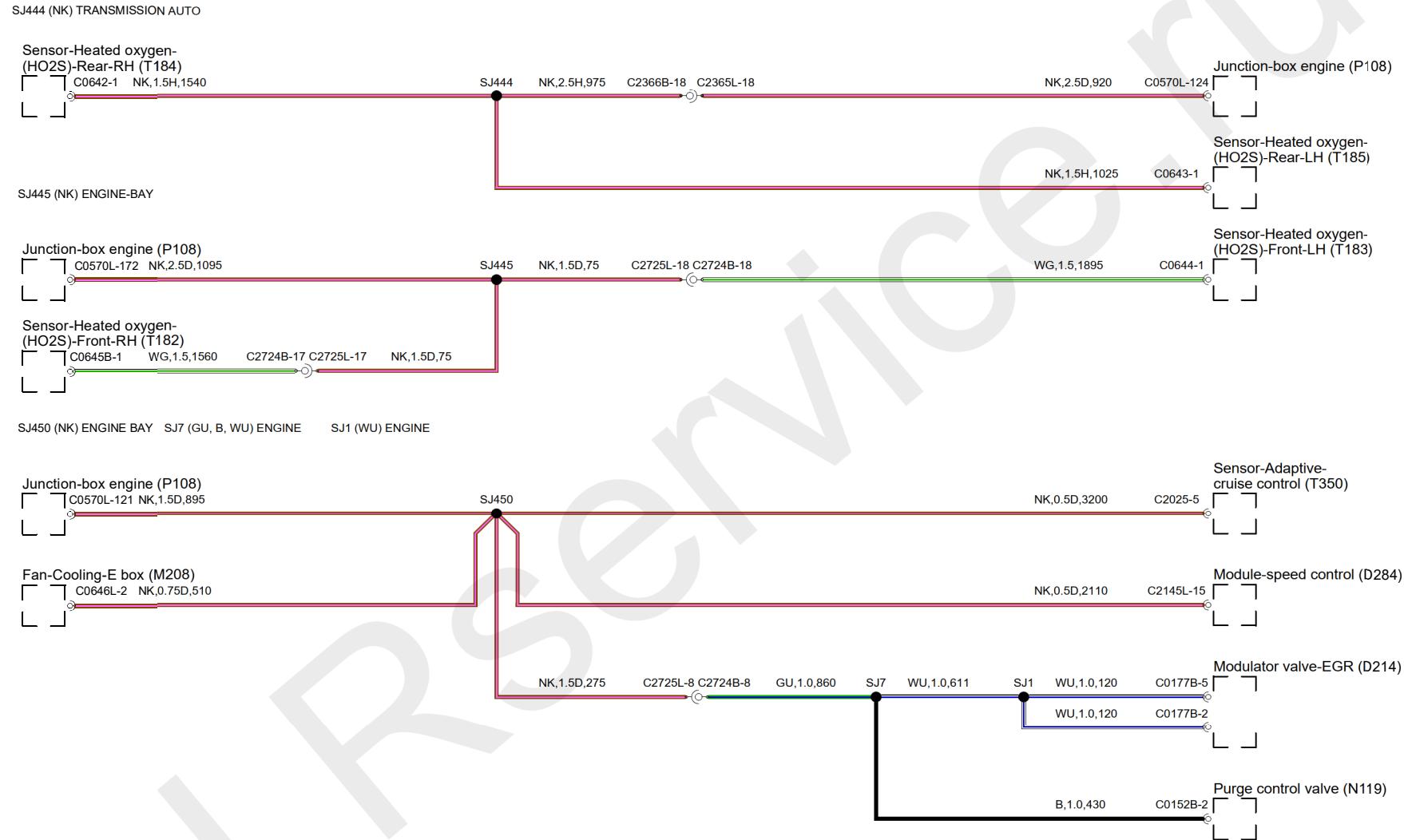


SJ403 (B) FRONT BUMPER

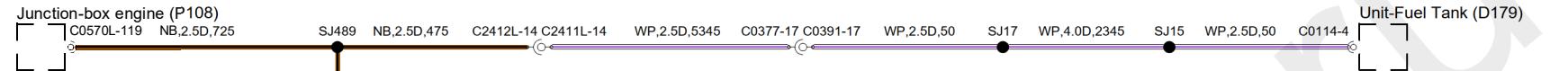


SJ406 (GY) REAR CHASSIS





SJ489 (NB) ENGINE BAY

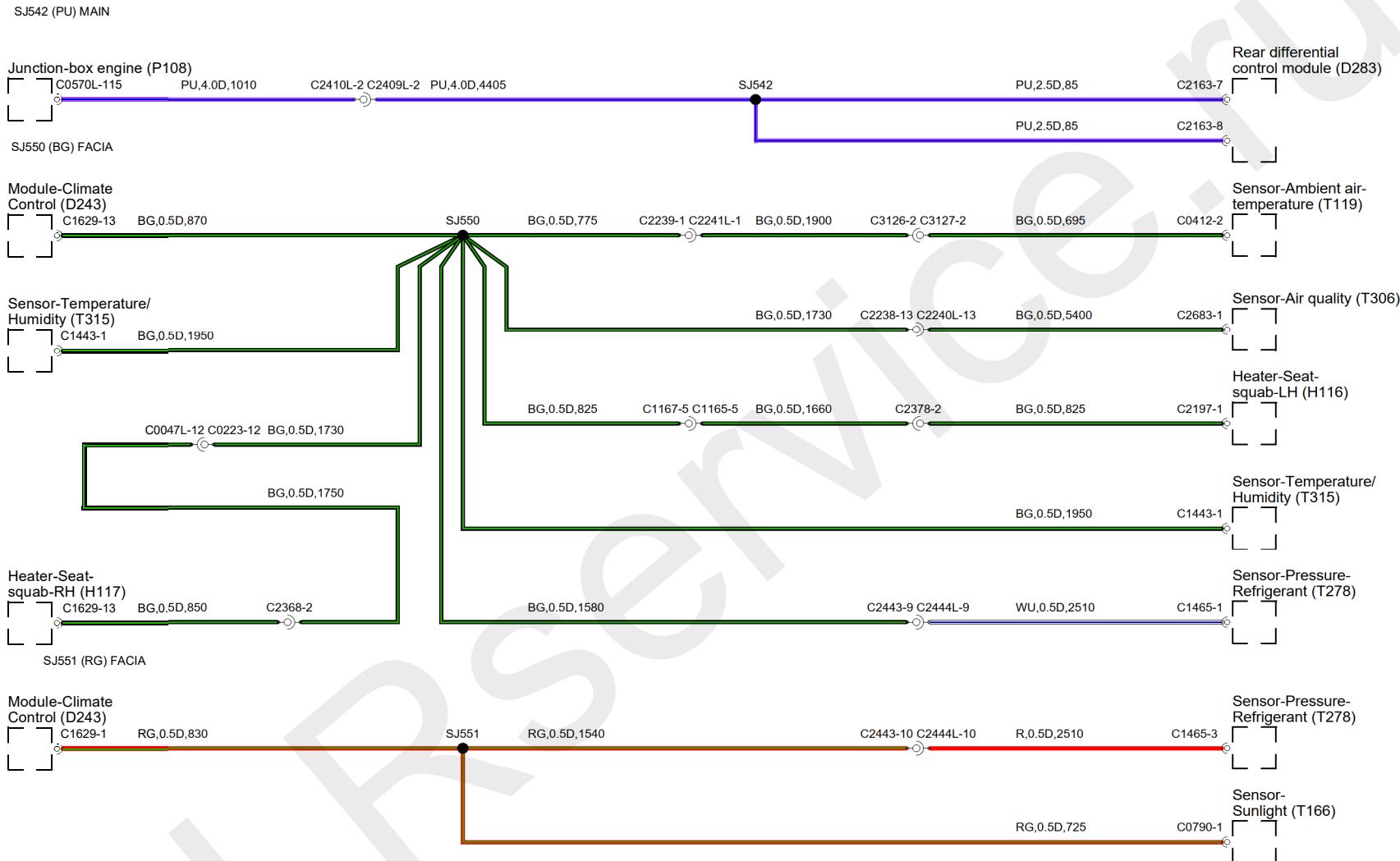


SJ495 (UR) I.C.E.

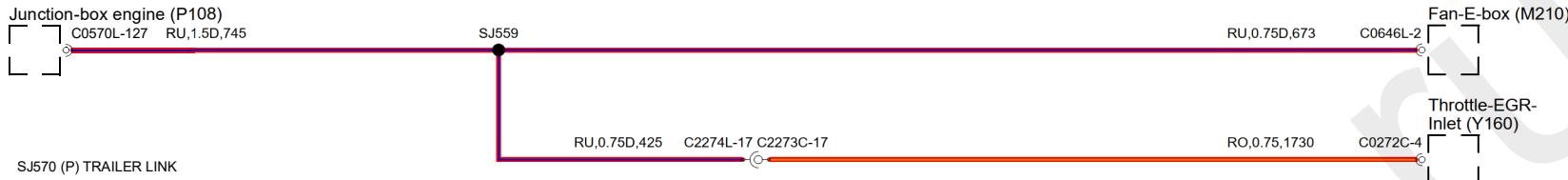


SJ998 (U) FACIA SJ530 (U) ICE





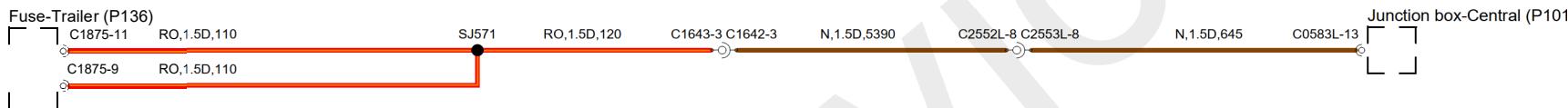
SJ559 (RU) ENGINE BAY



SJ570 (P) TRAILER LINK



SJ571 (RO) TRAILER LINK



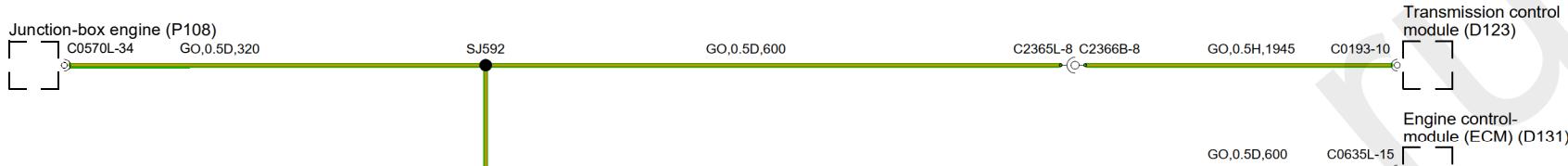
SJ572 (NR) ENGINE BAY



SJ574 (LG) ENGINE BAY



SJ592 (GO) ENGINE BAY



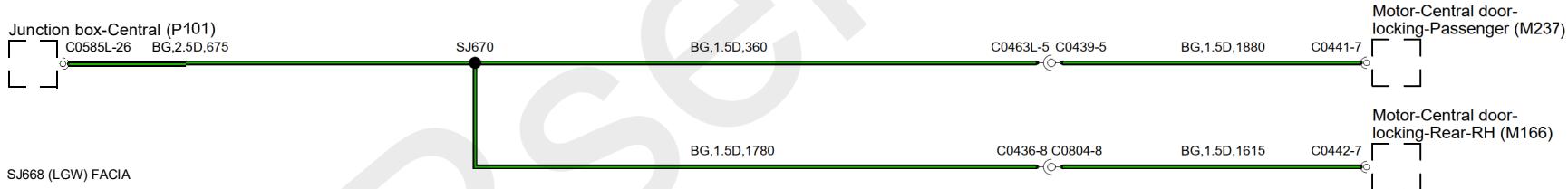
Junction box-Central (P101)



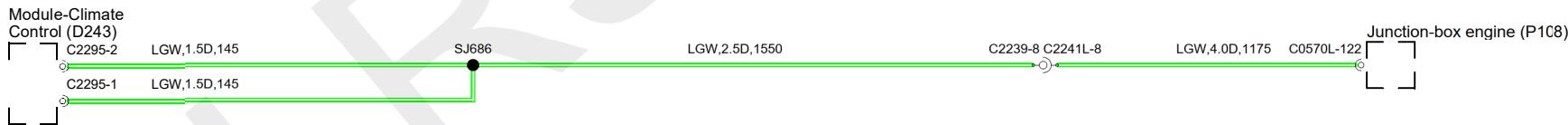
SJ630 (BN) ENGINE BAY

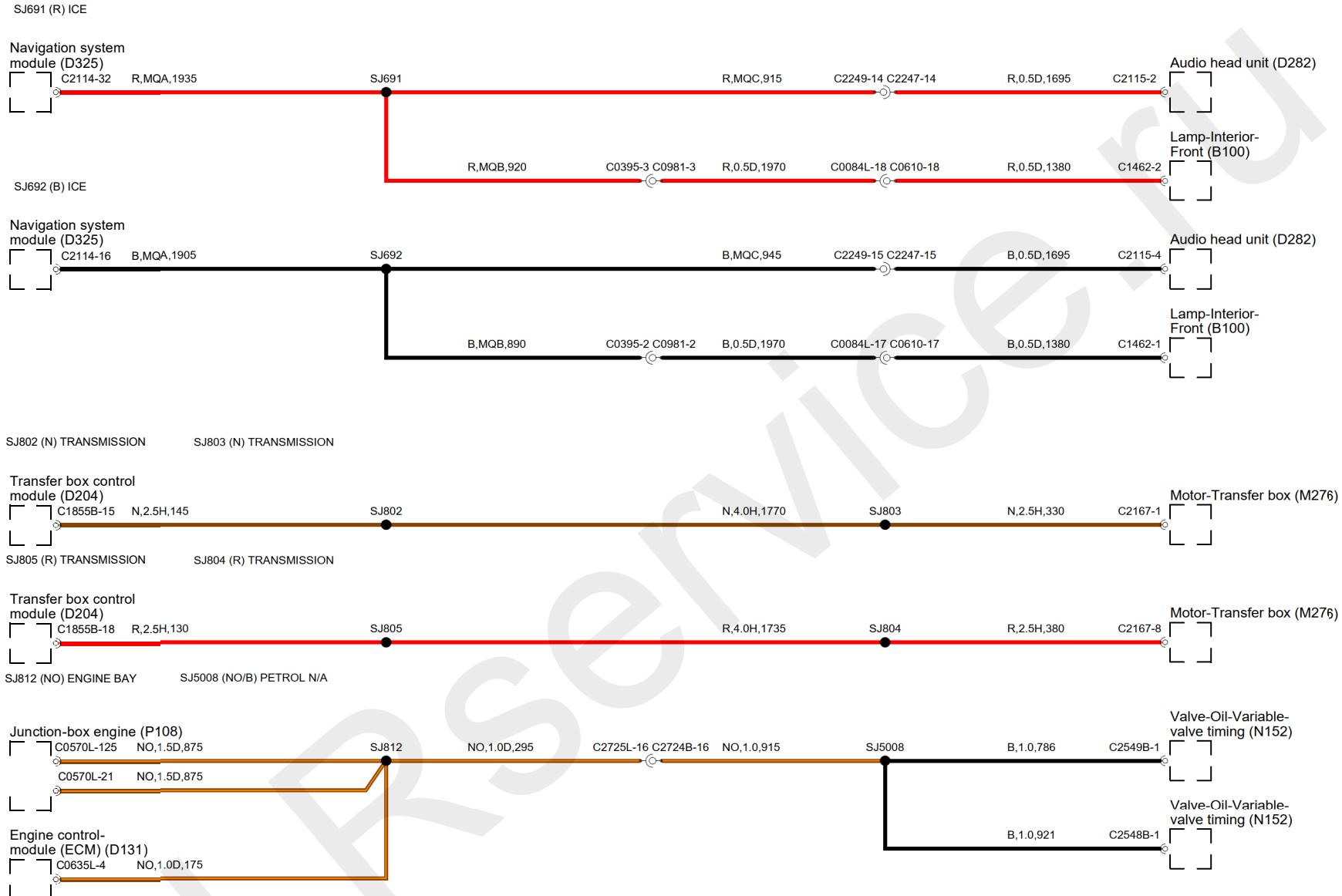


SJ670 (BG) MAIN

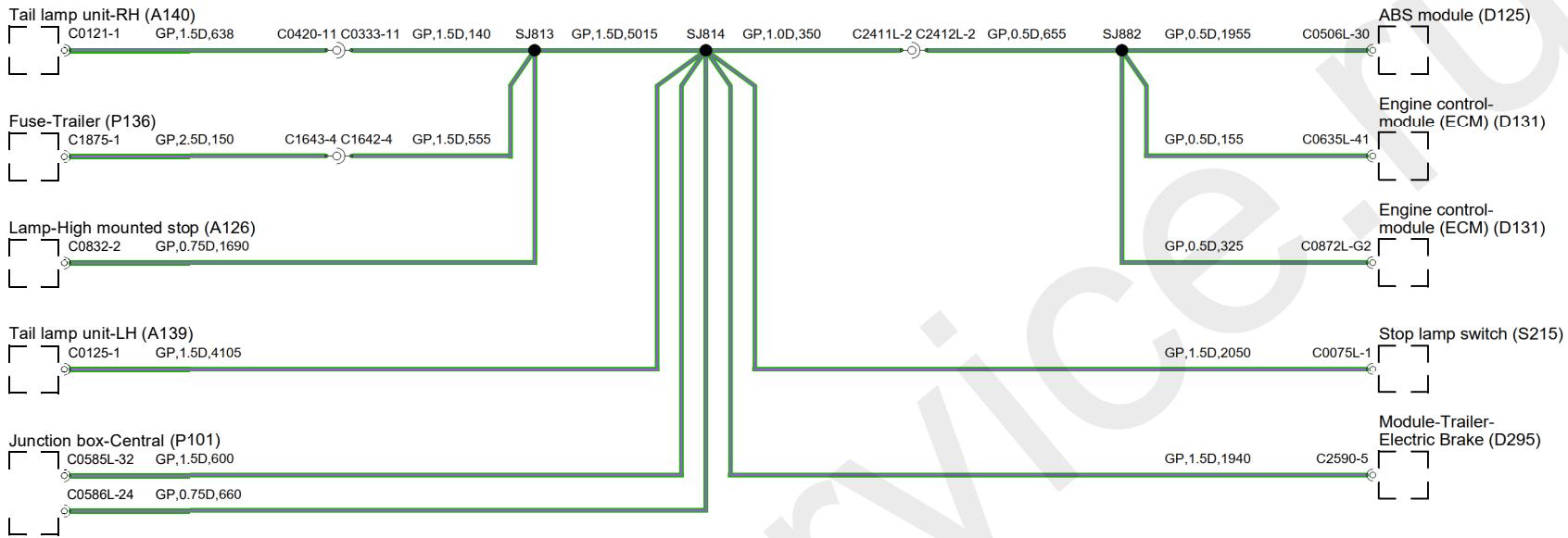


SJ668 (LGW) FACIA

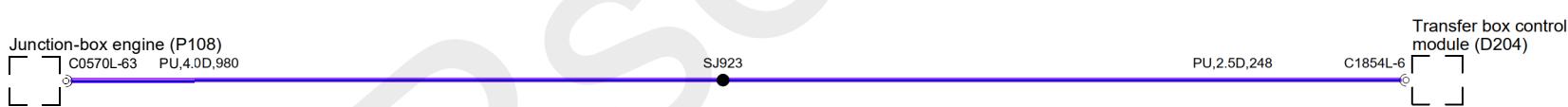




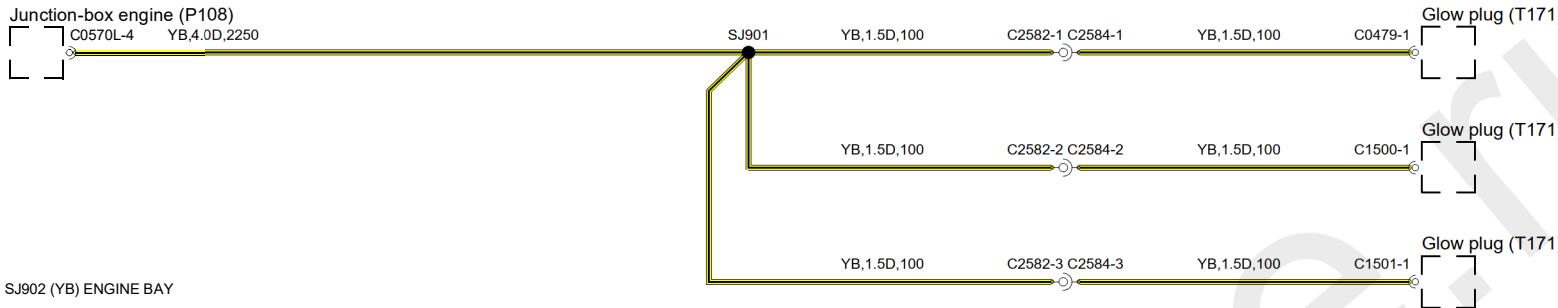
SJ6 (GP) MAIN SJ882 (GP) ENGINE BAY SJ813 (GP) ENGINE BAY



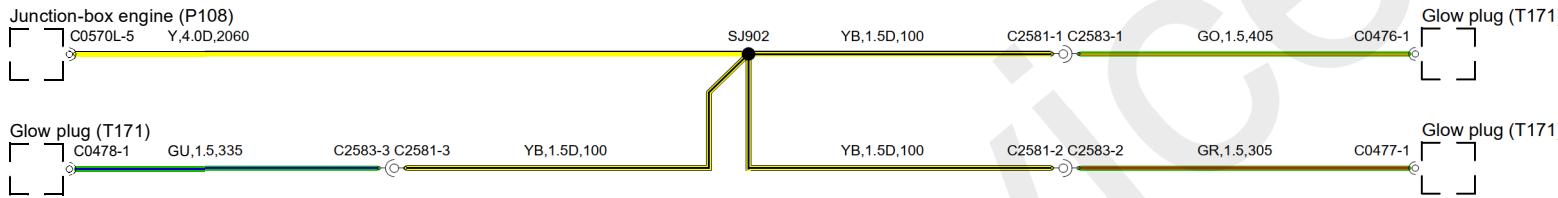
SJ923 (PU) ENGINE BAY



SJ901 (YB) ENGINE BAY

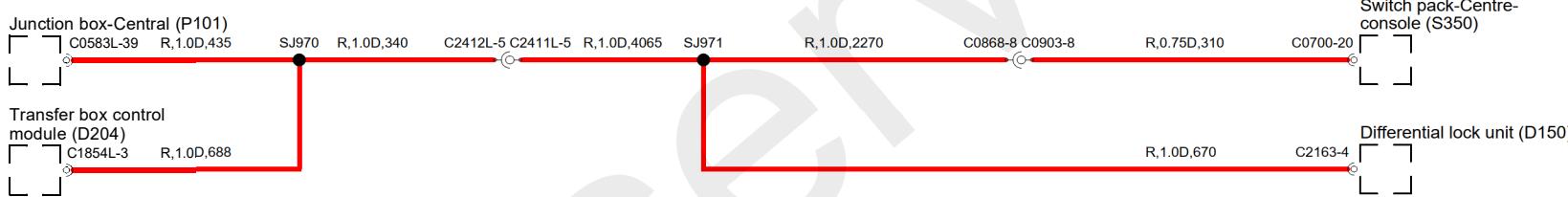


SJ902 (YB) ENGINE BAY

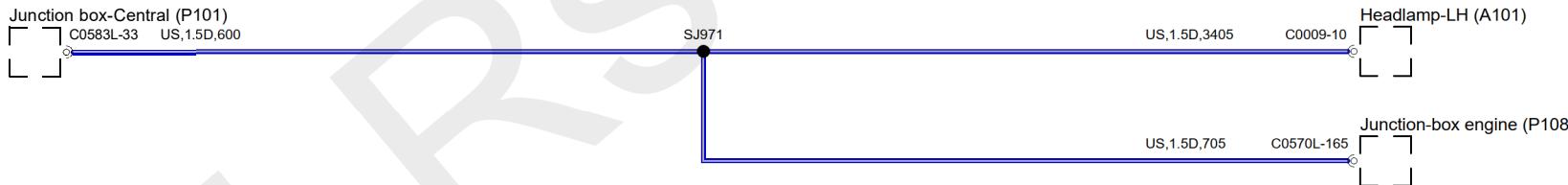


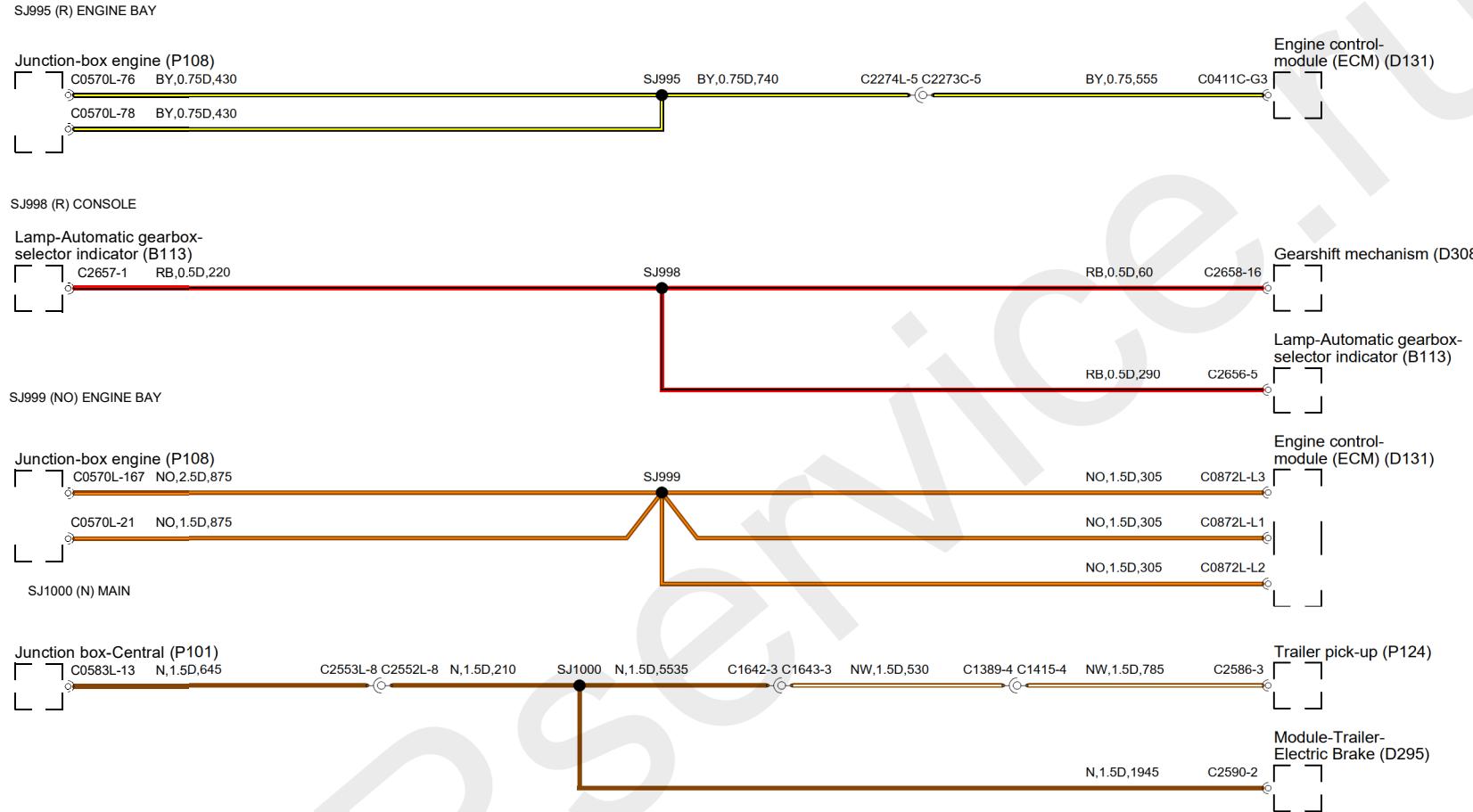
SJ970 (R) ENGINE BAY

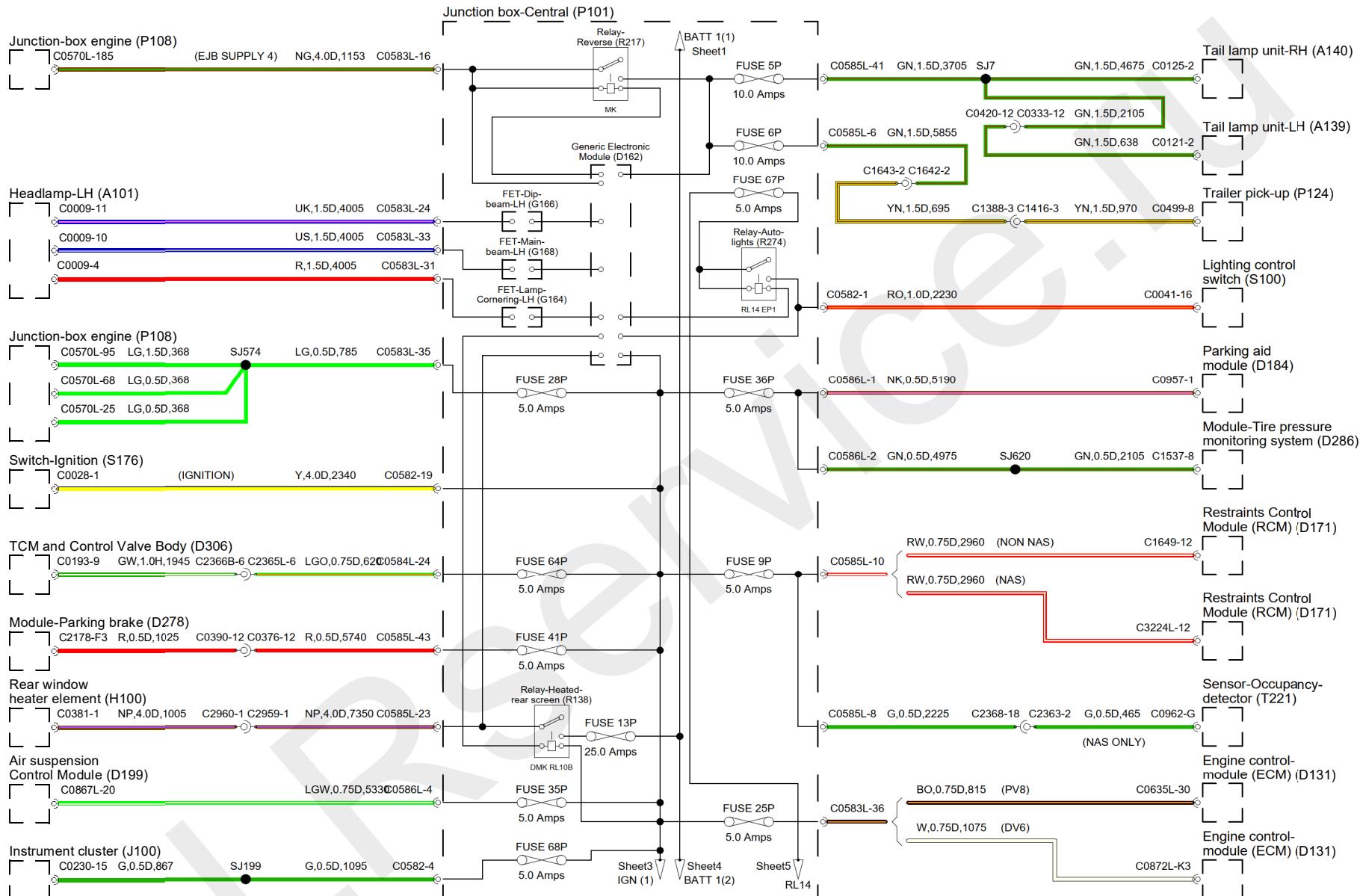
SJ971 (R) MAIN

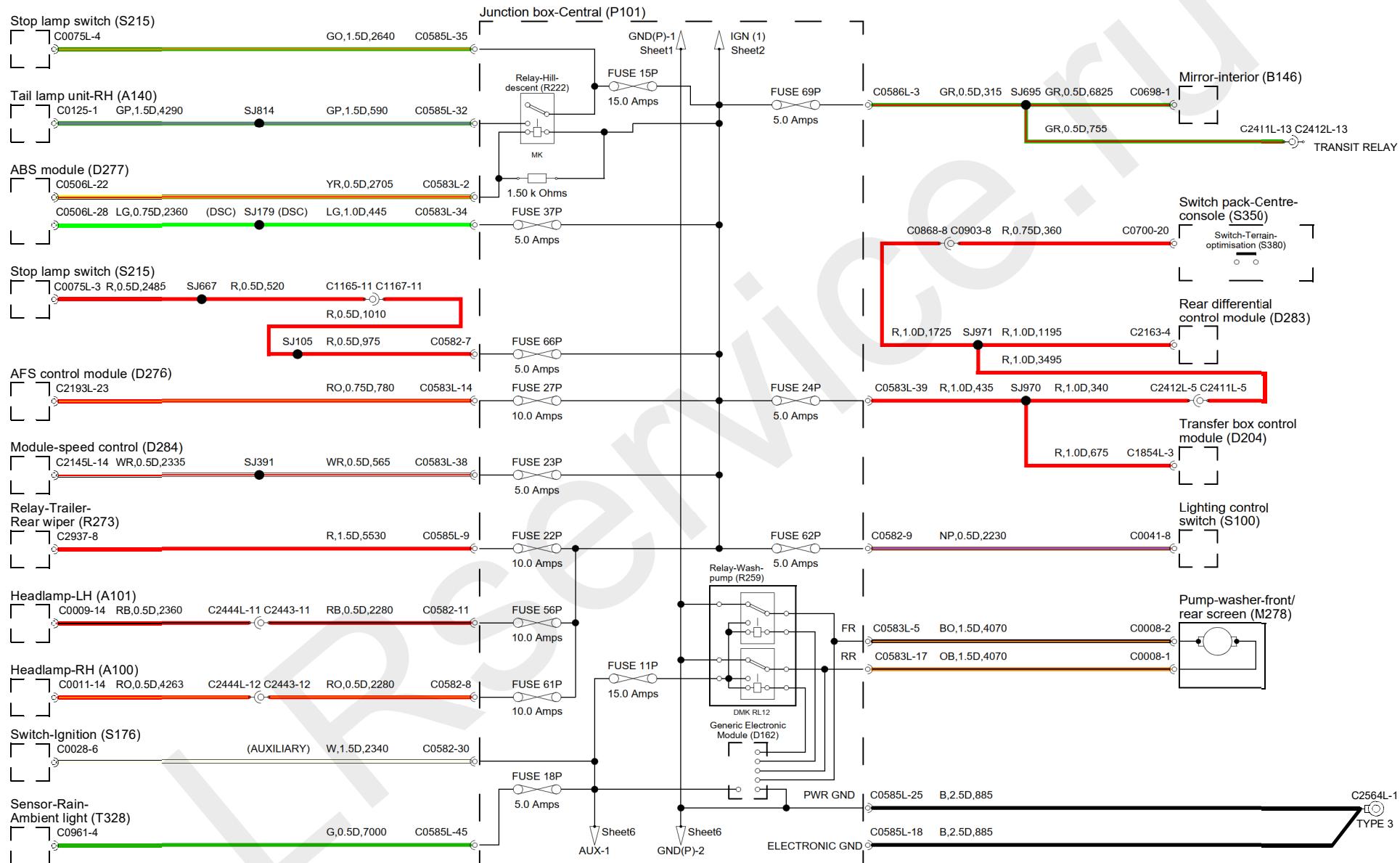


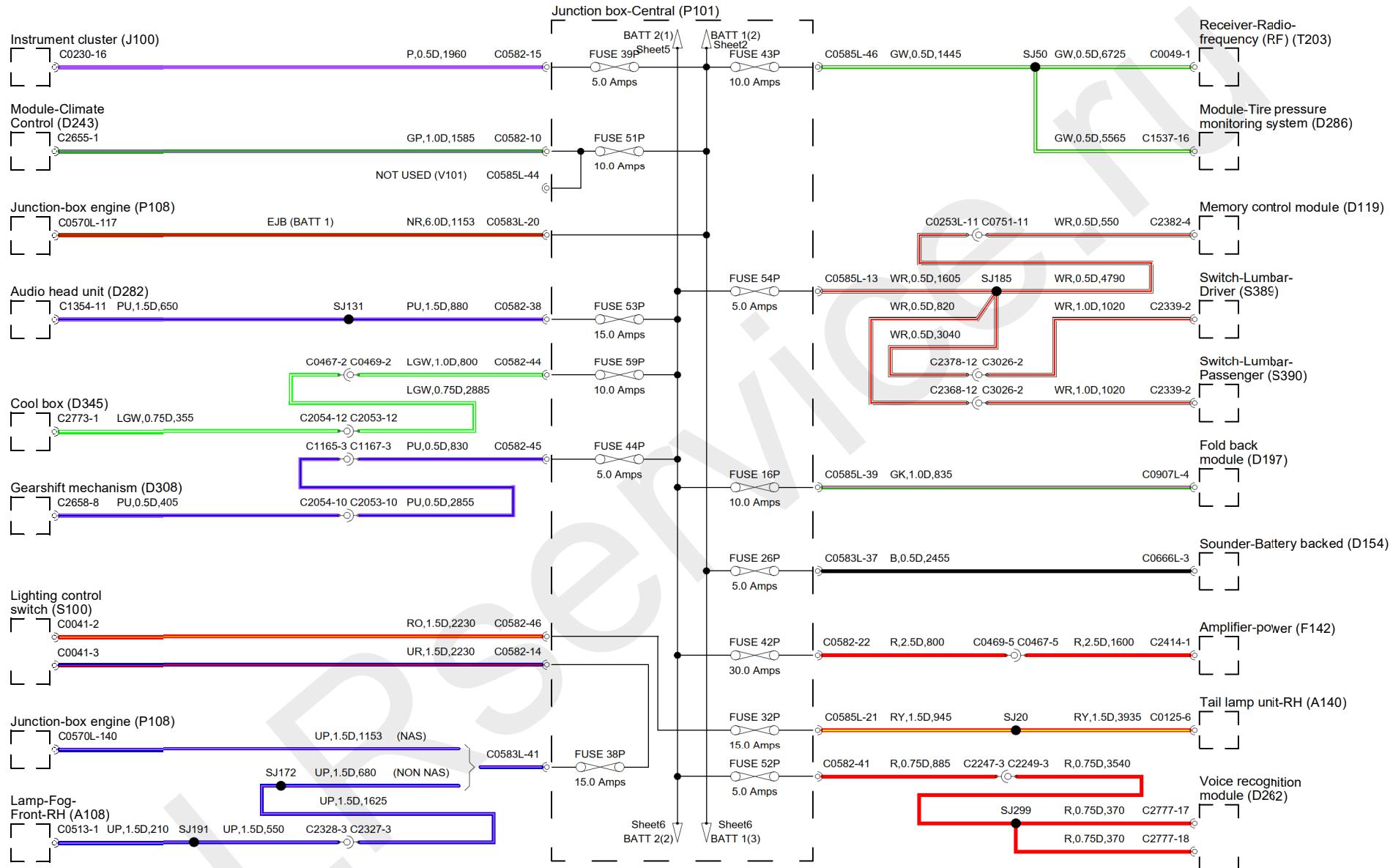
SJ971 (US) ENGINE BAY

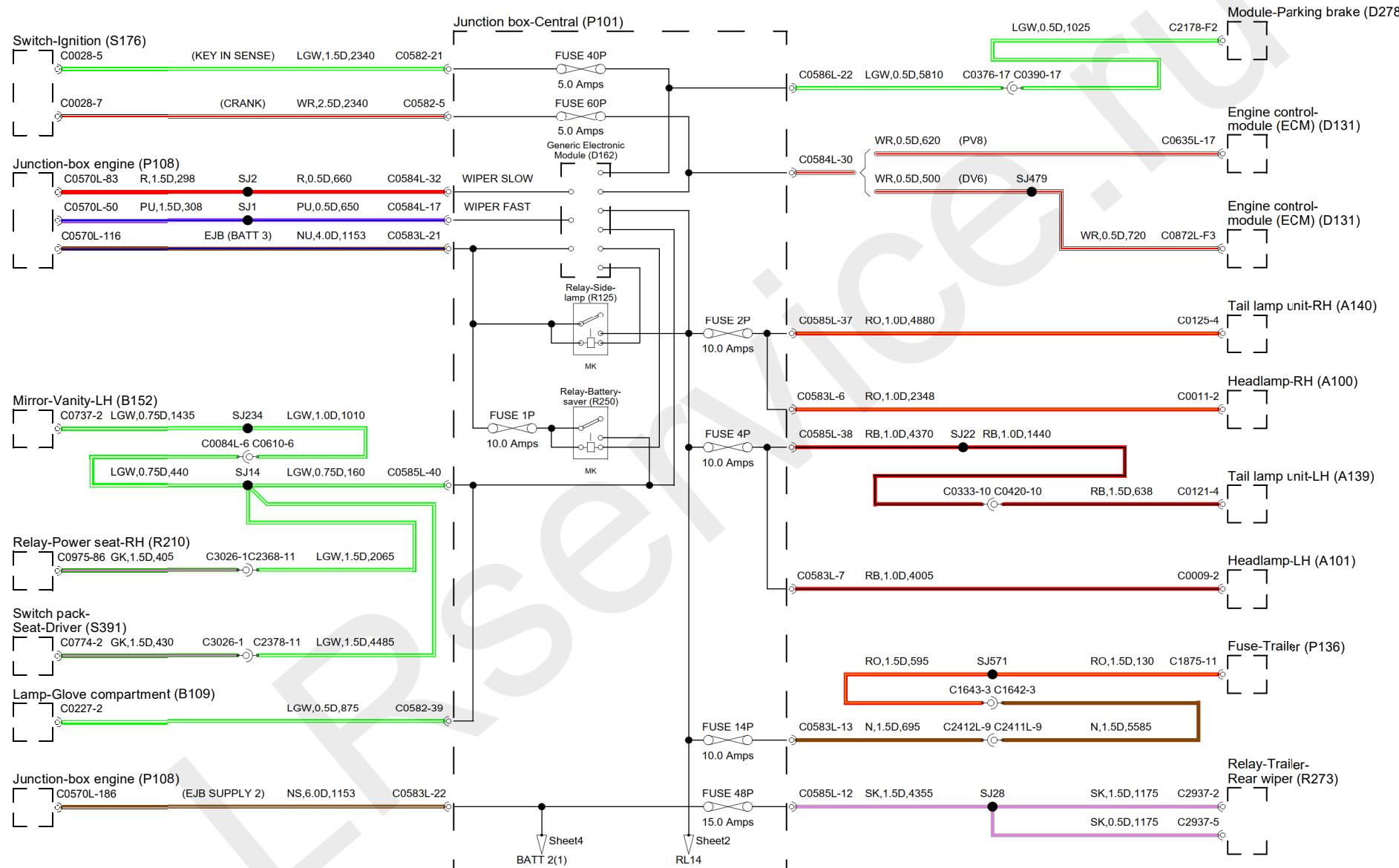


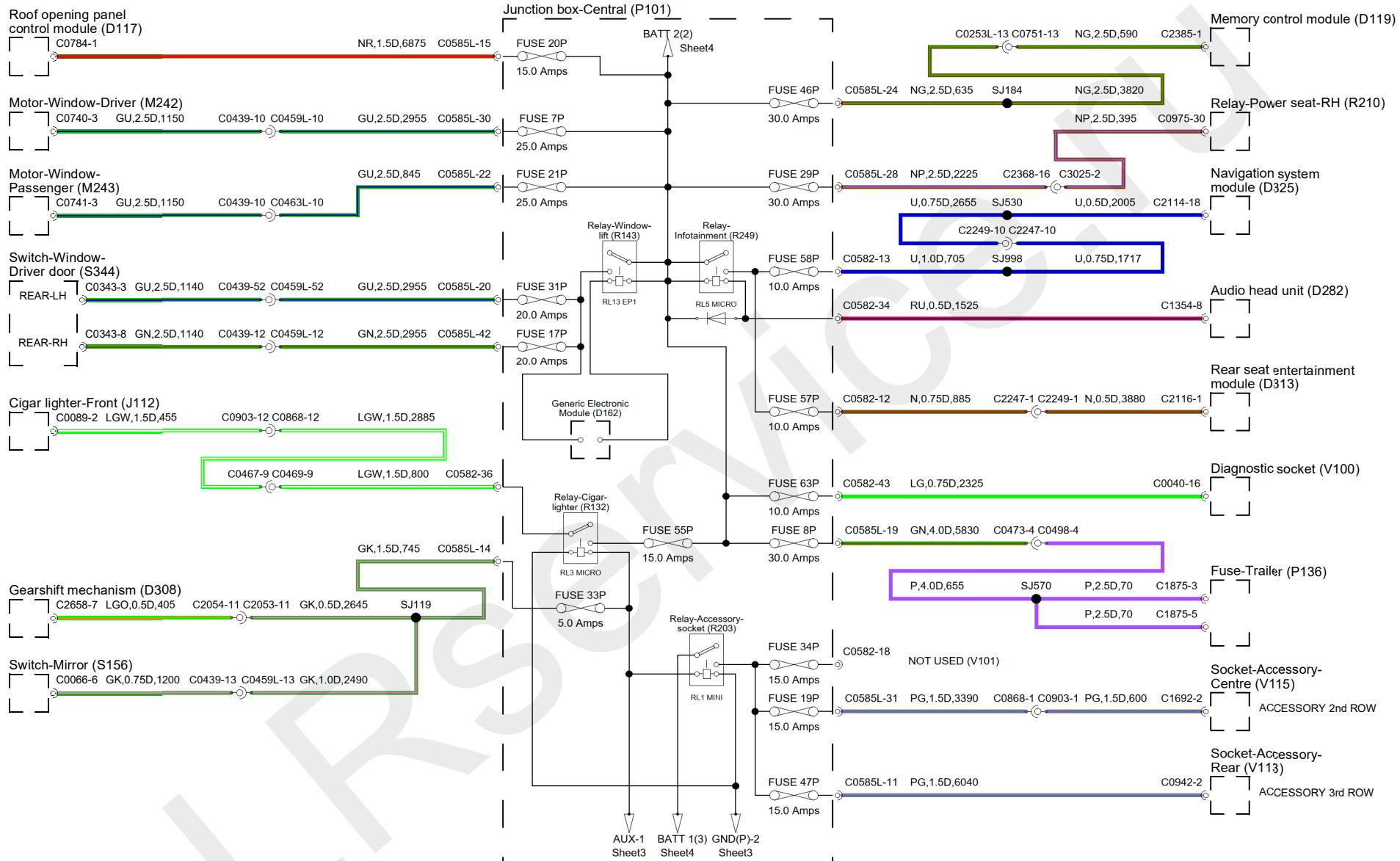


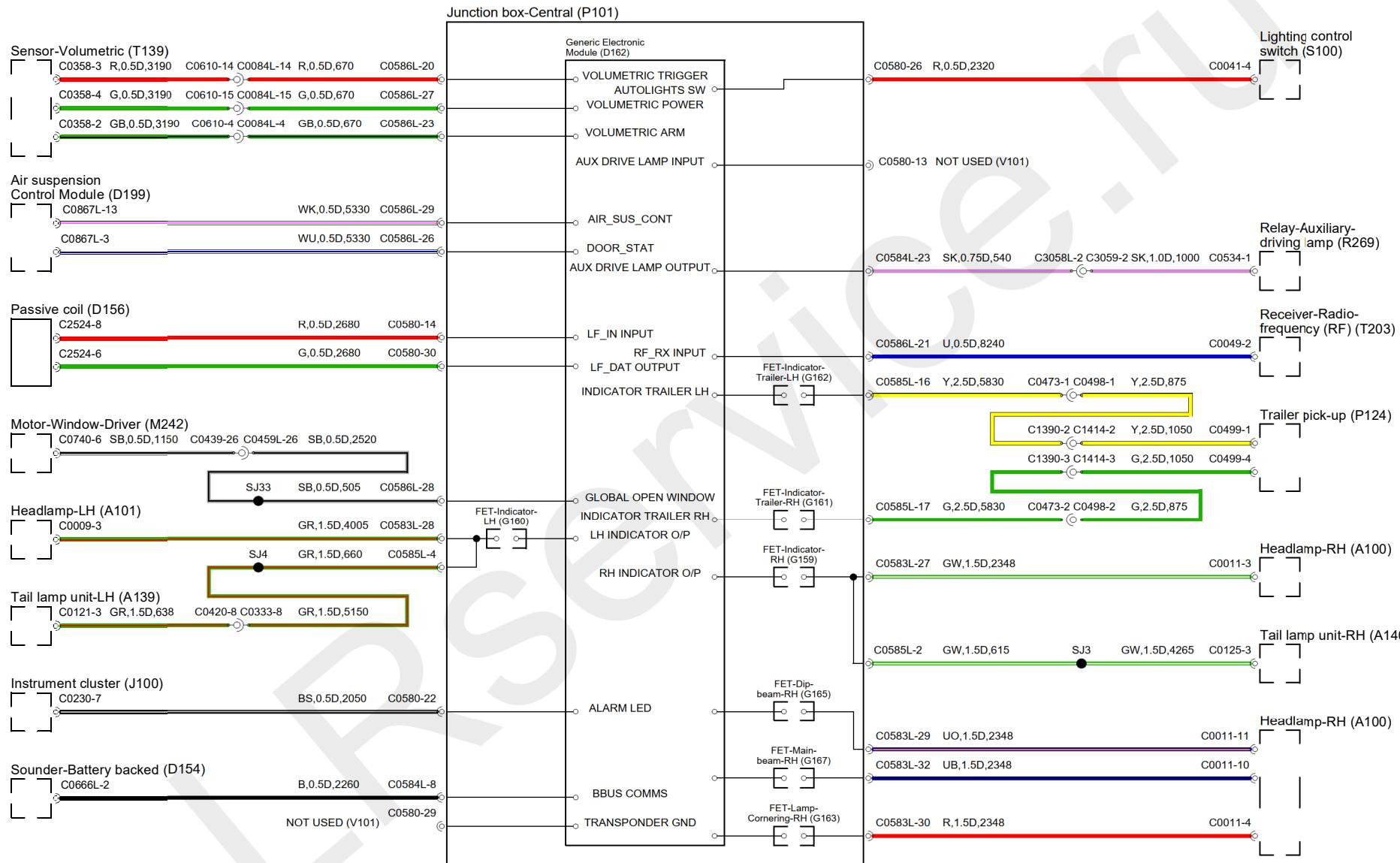


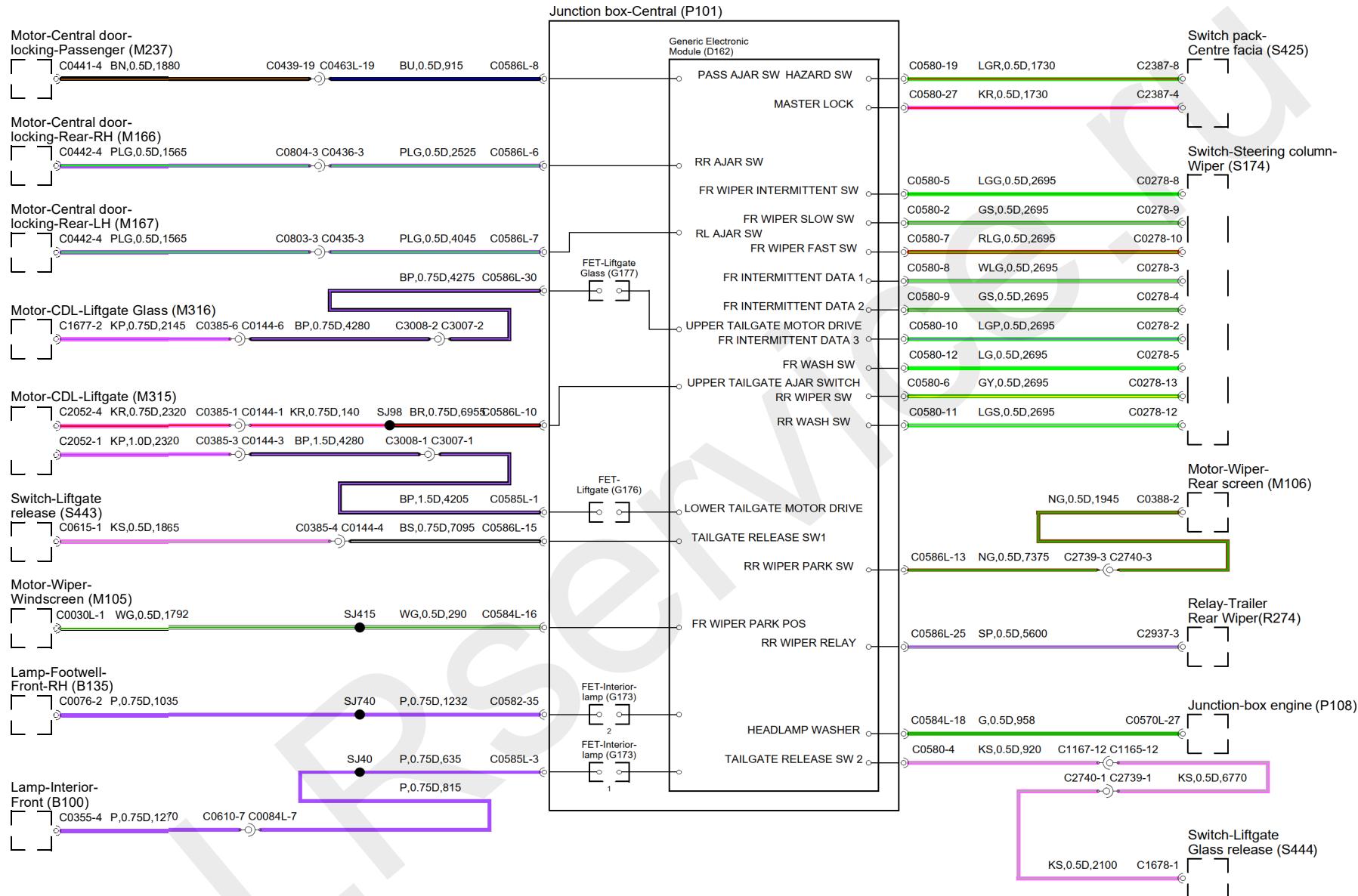


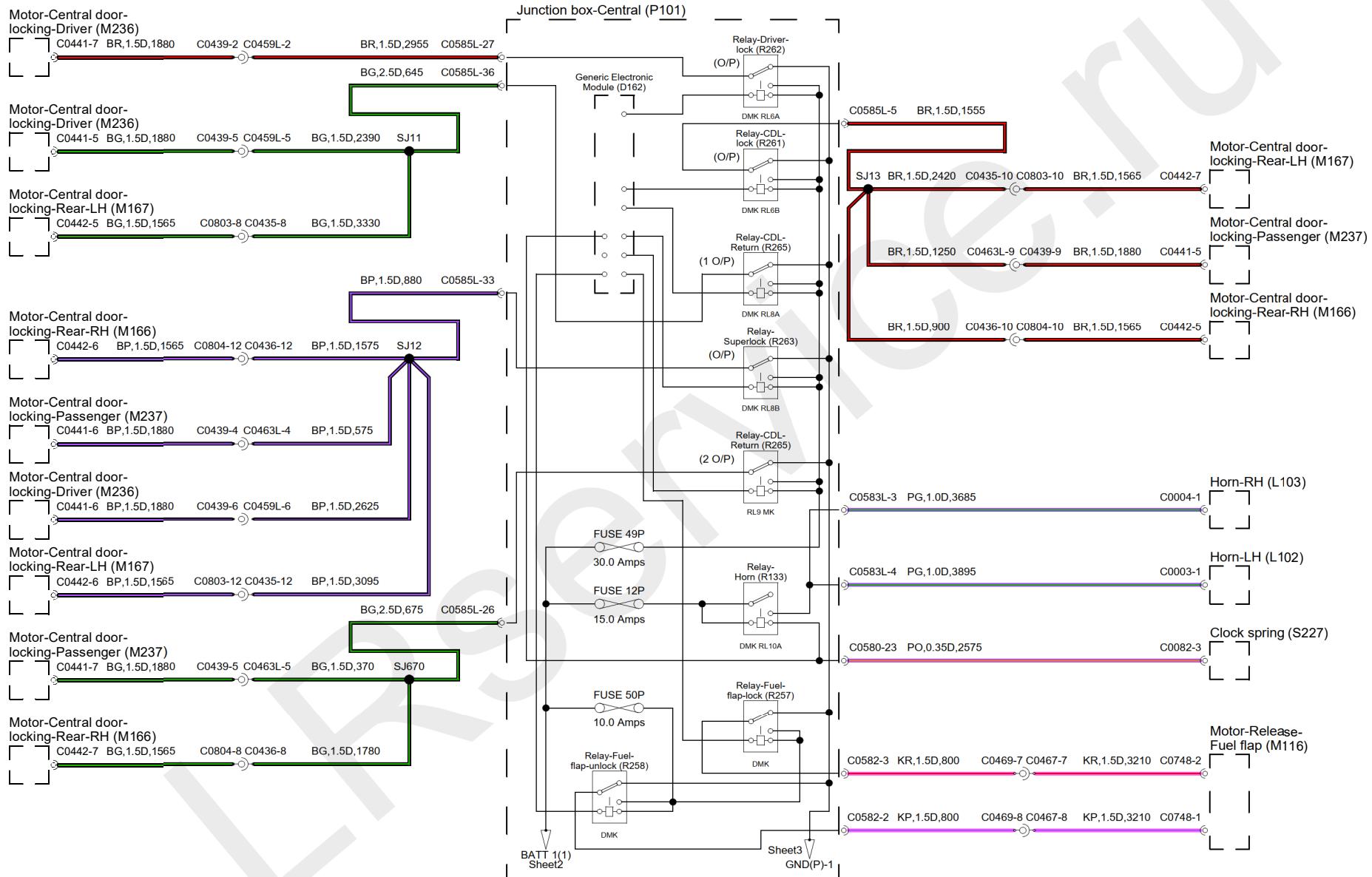


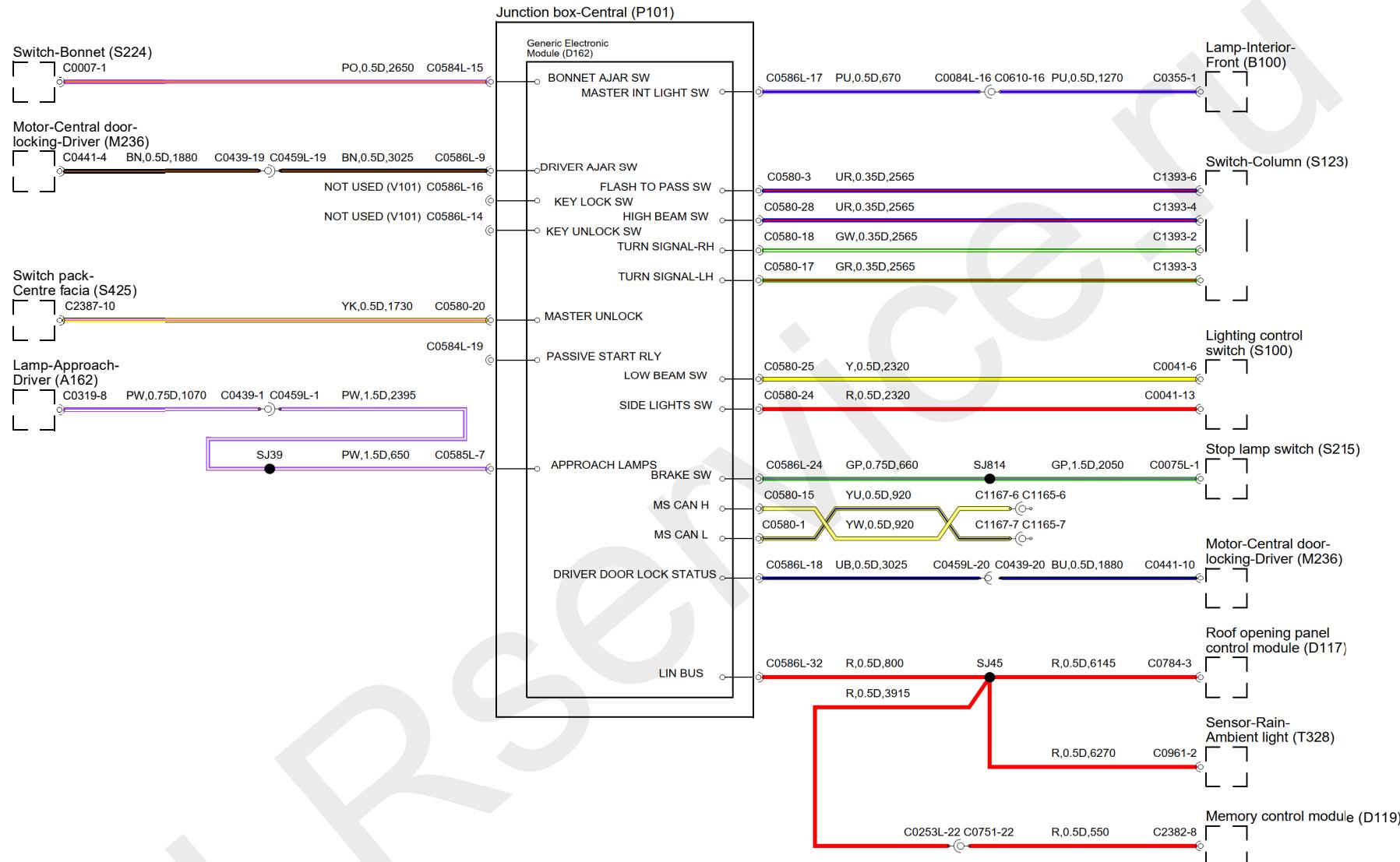


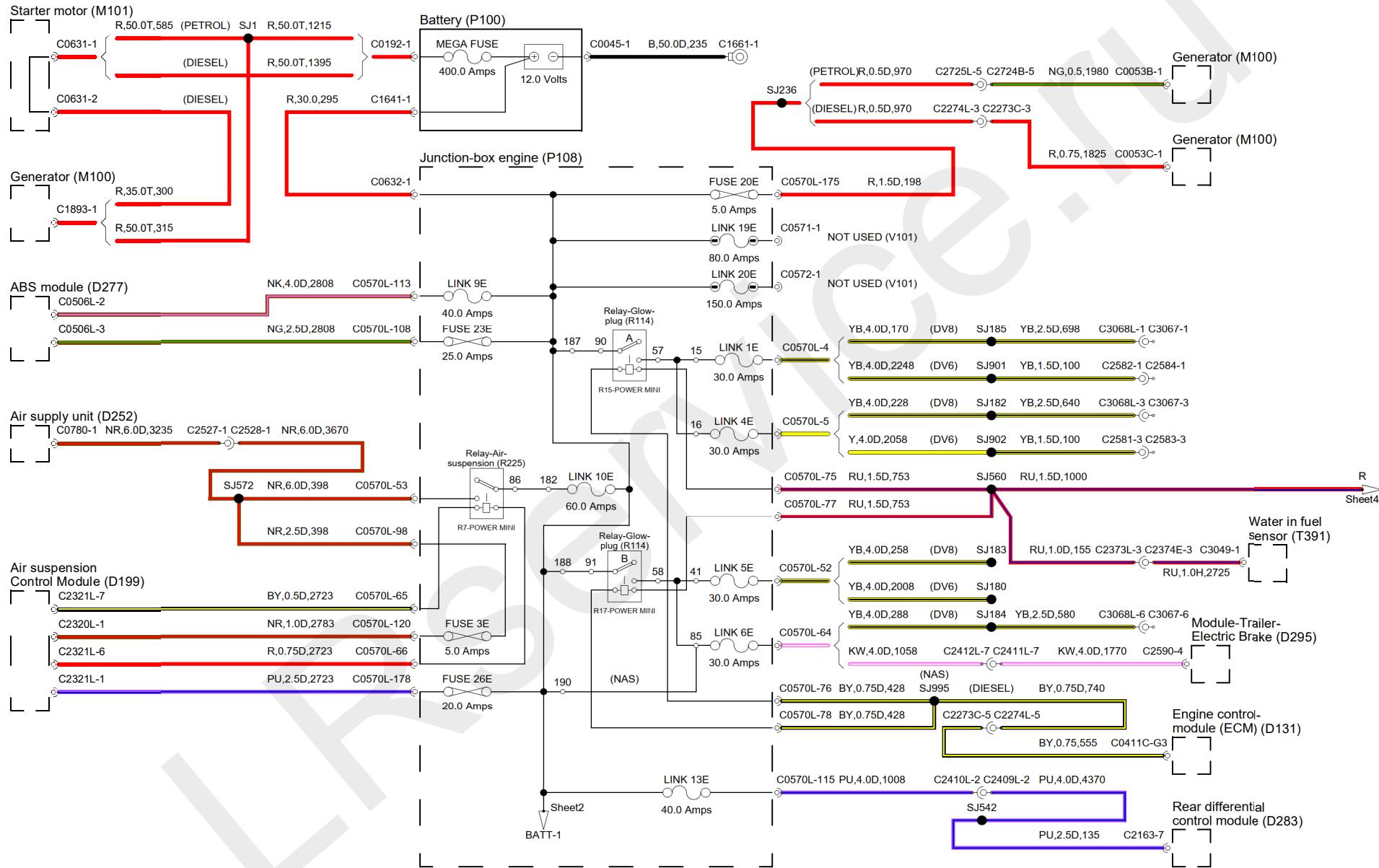


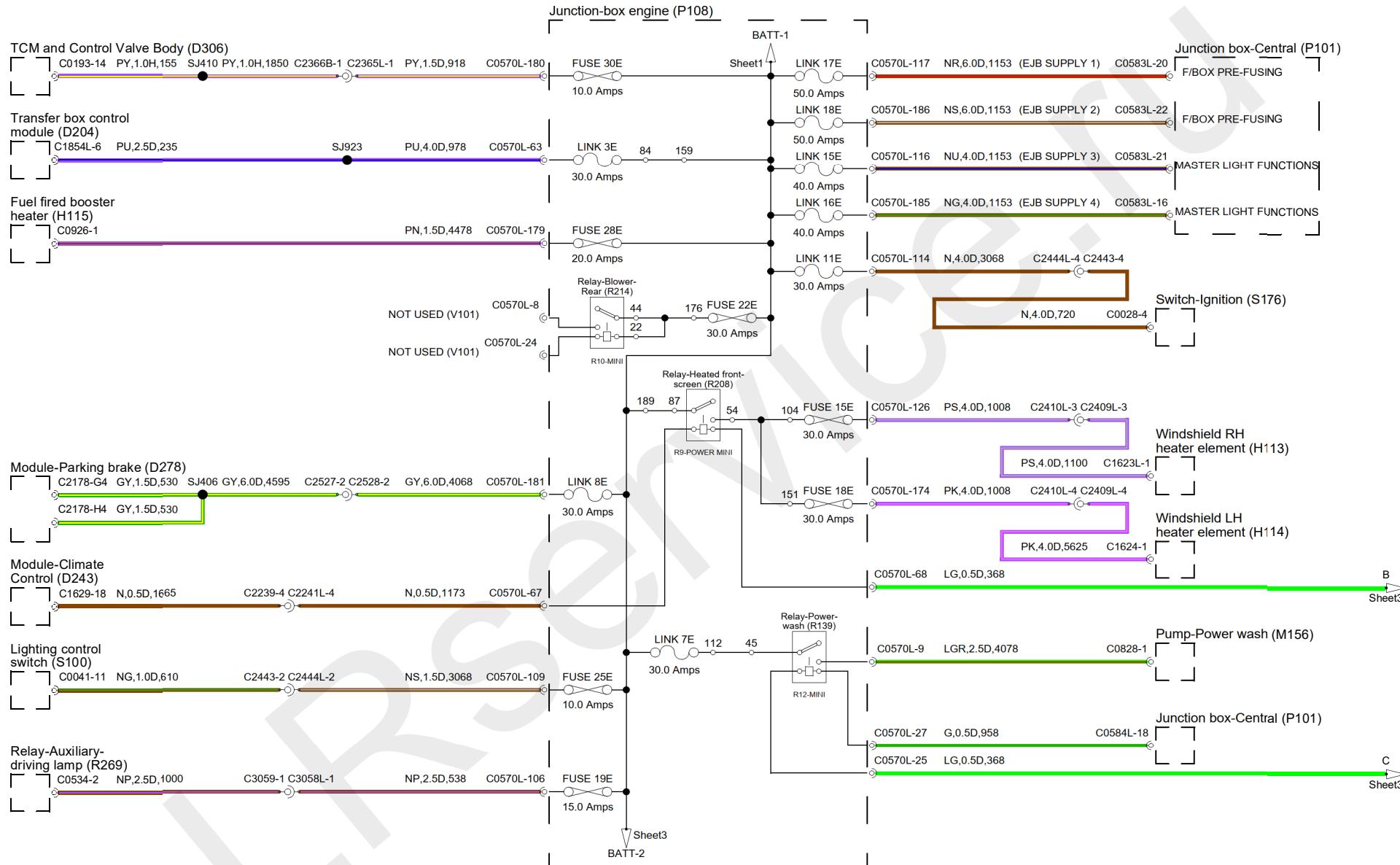


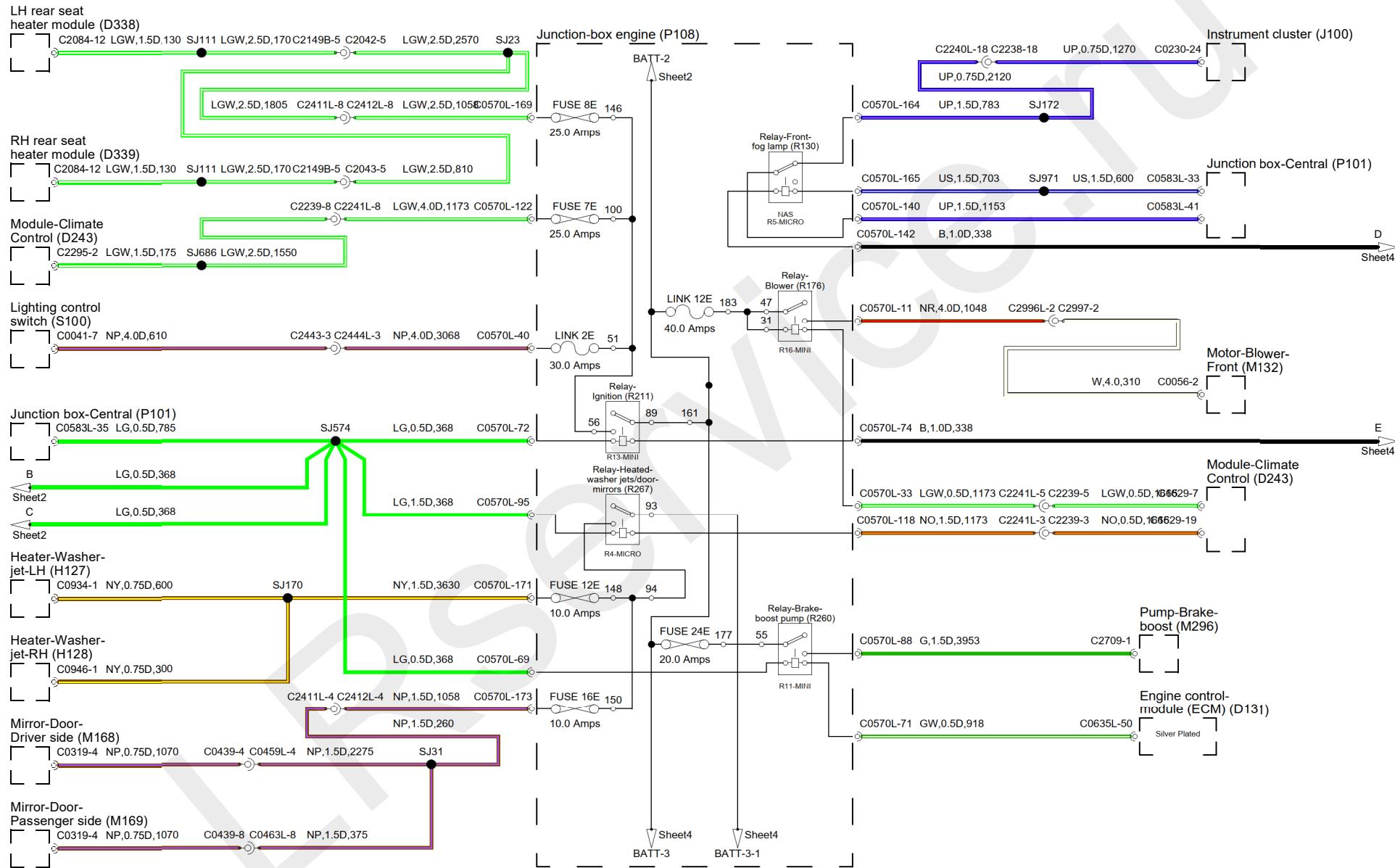


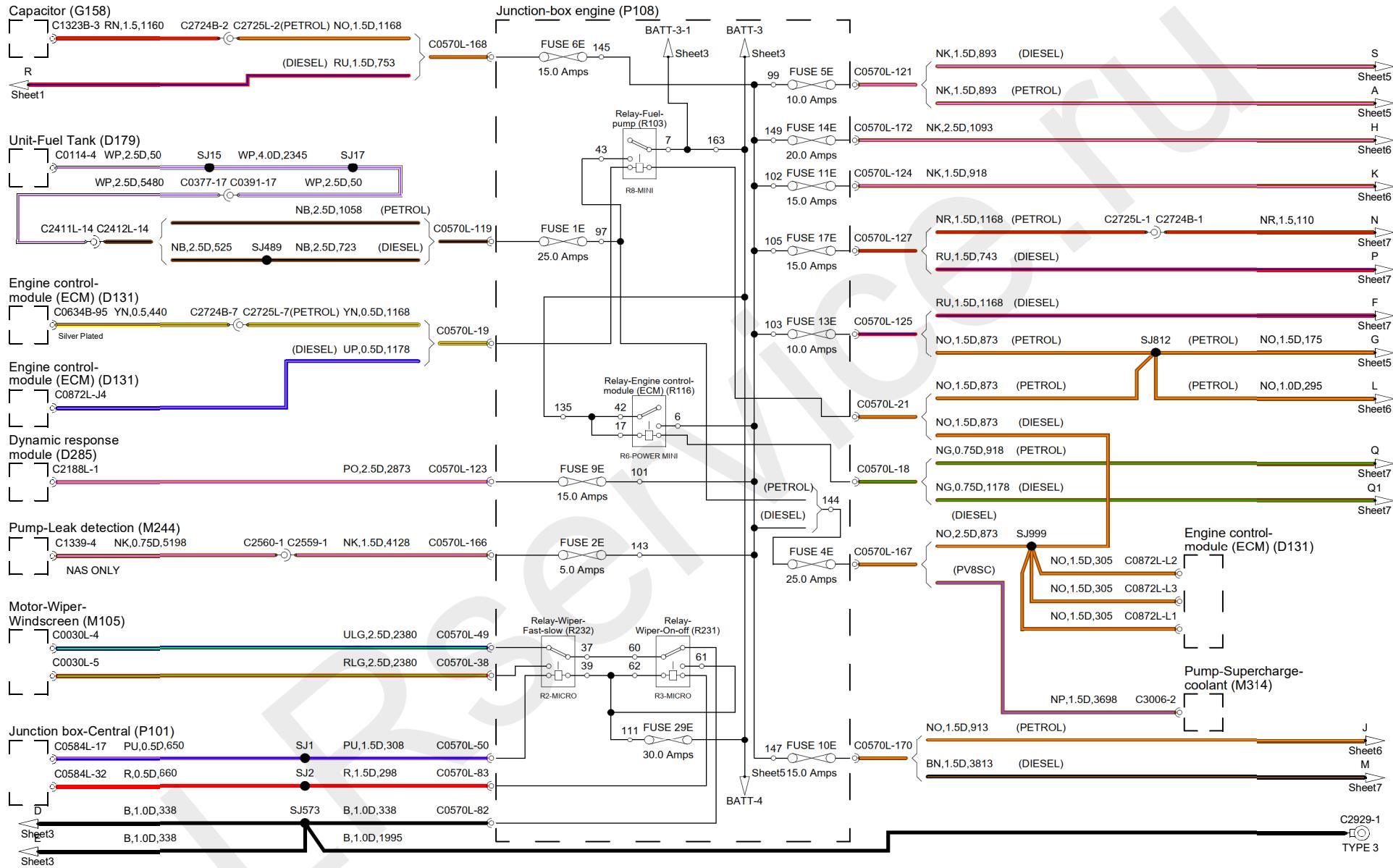


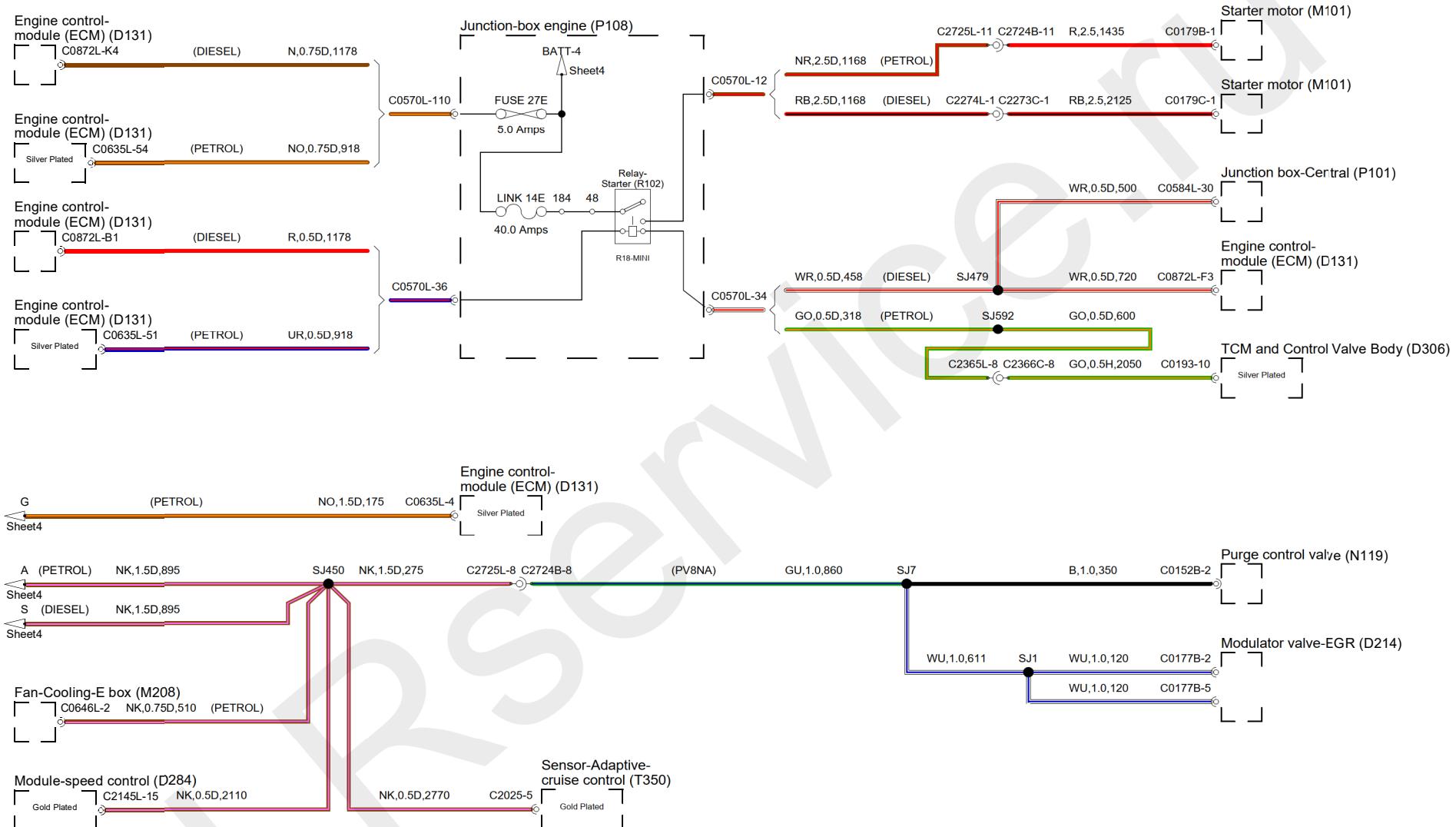


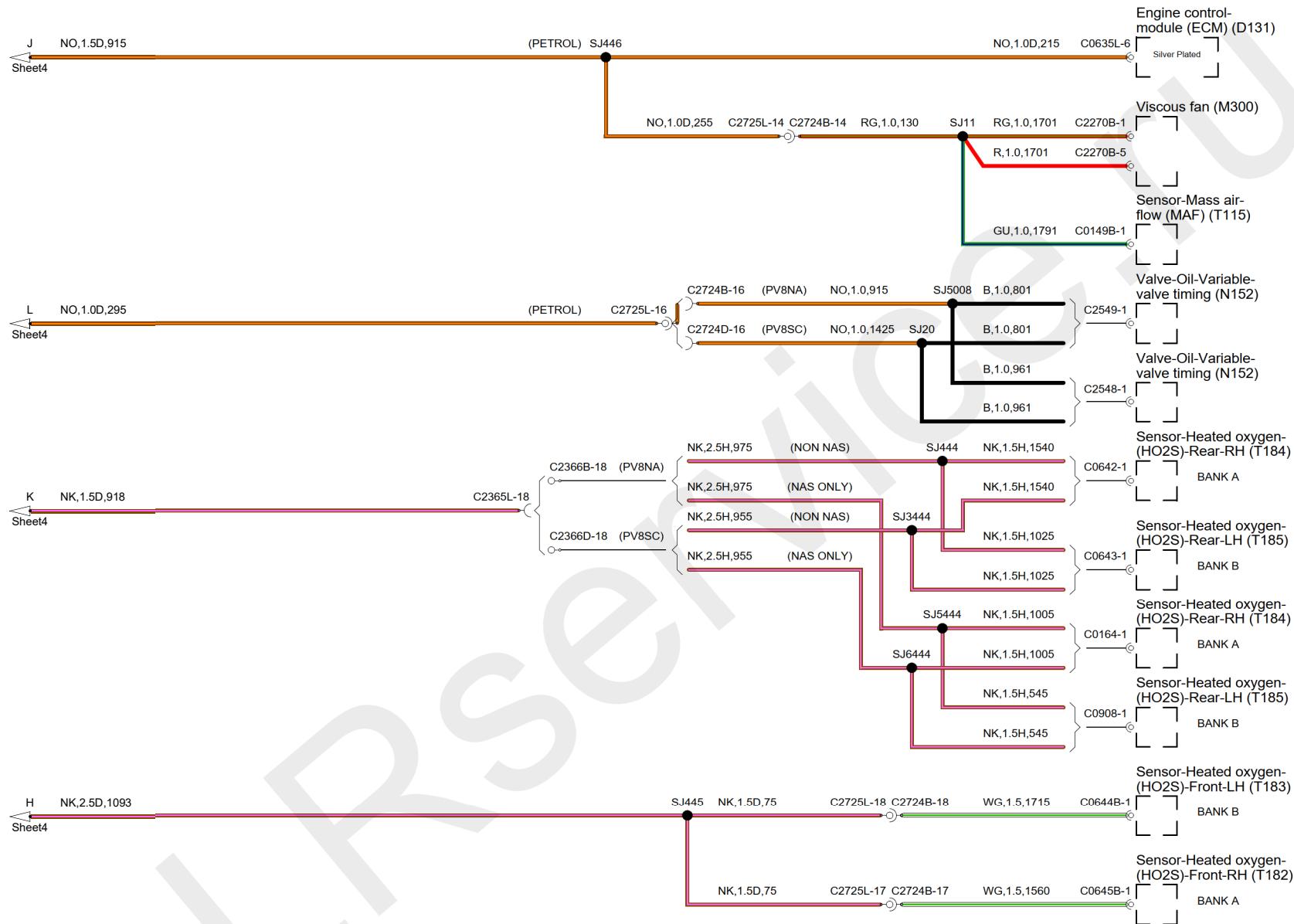


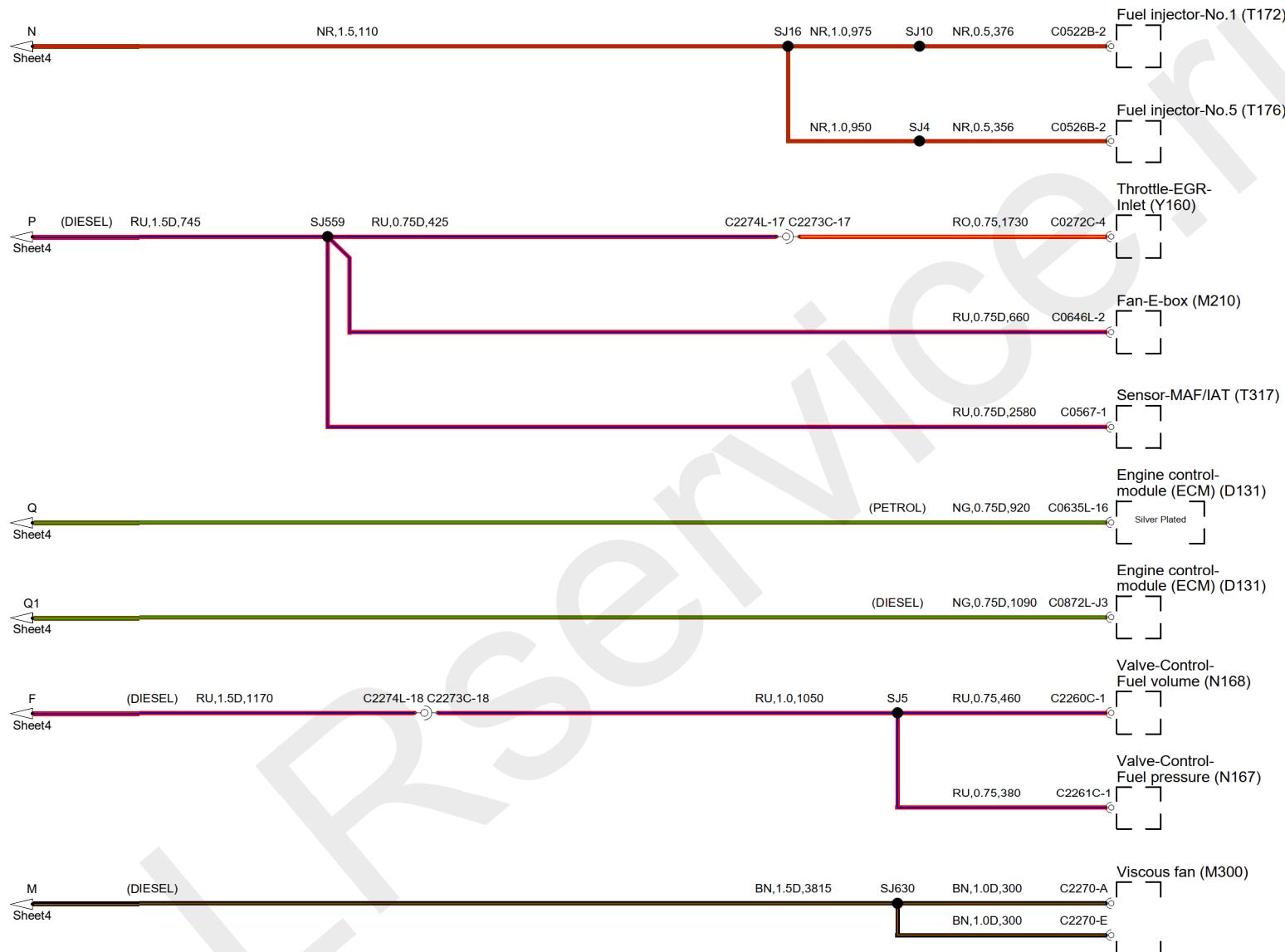


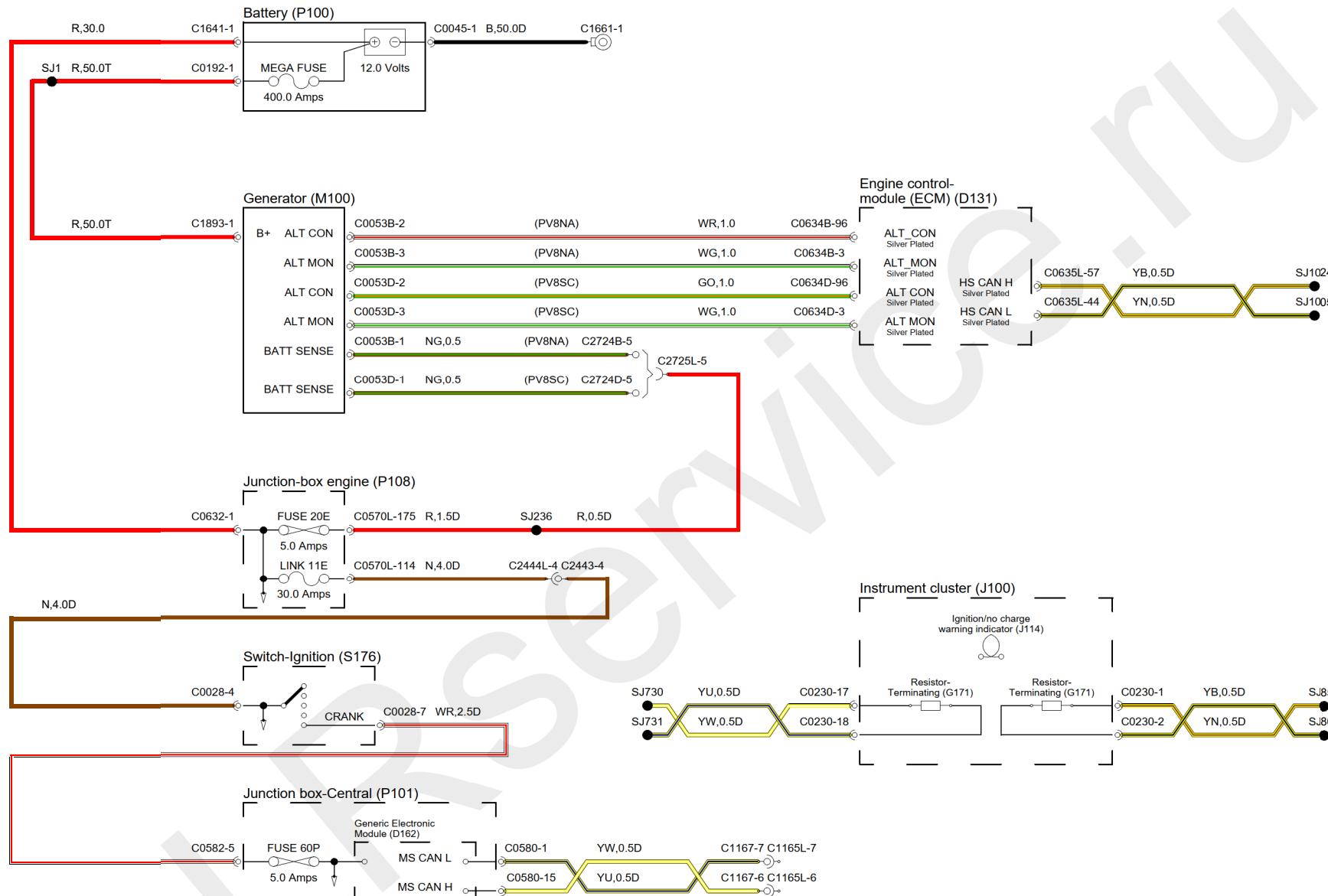


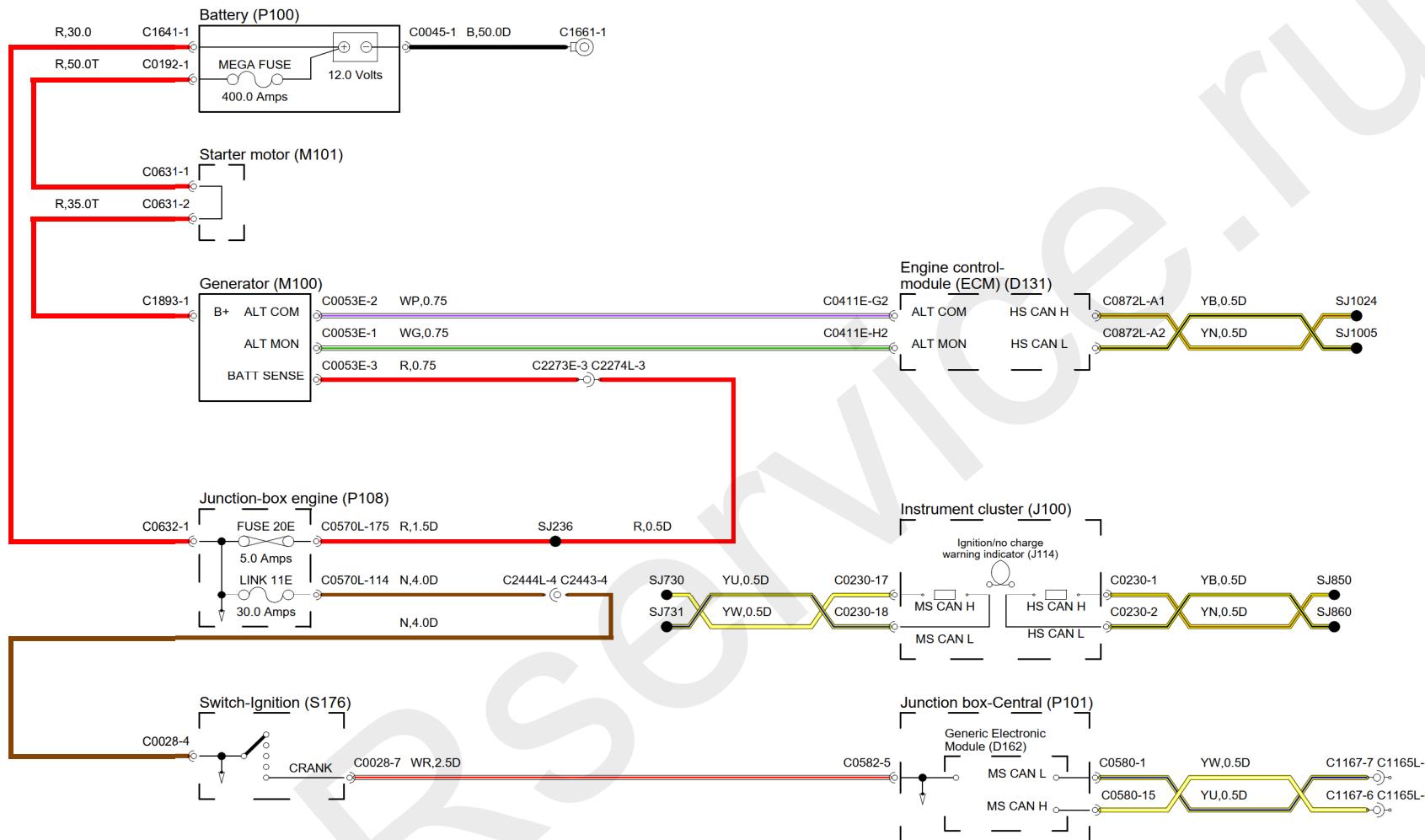


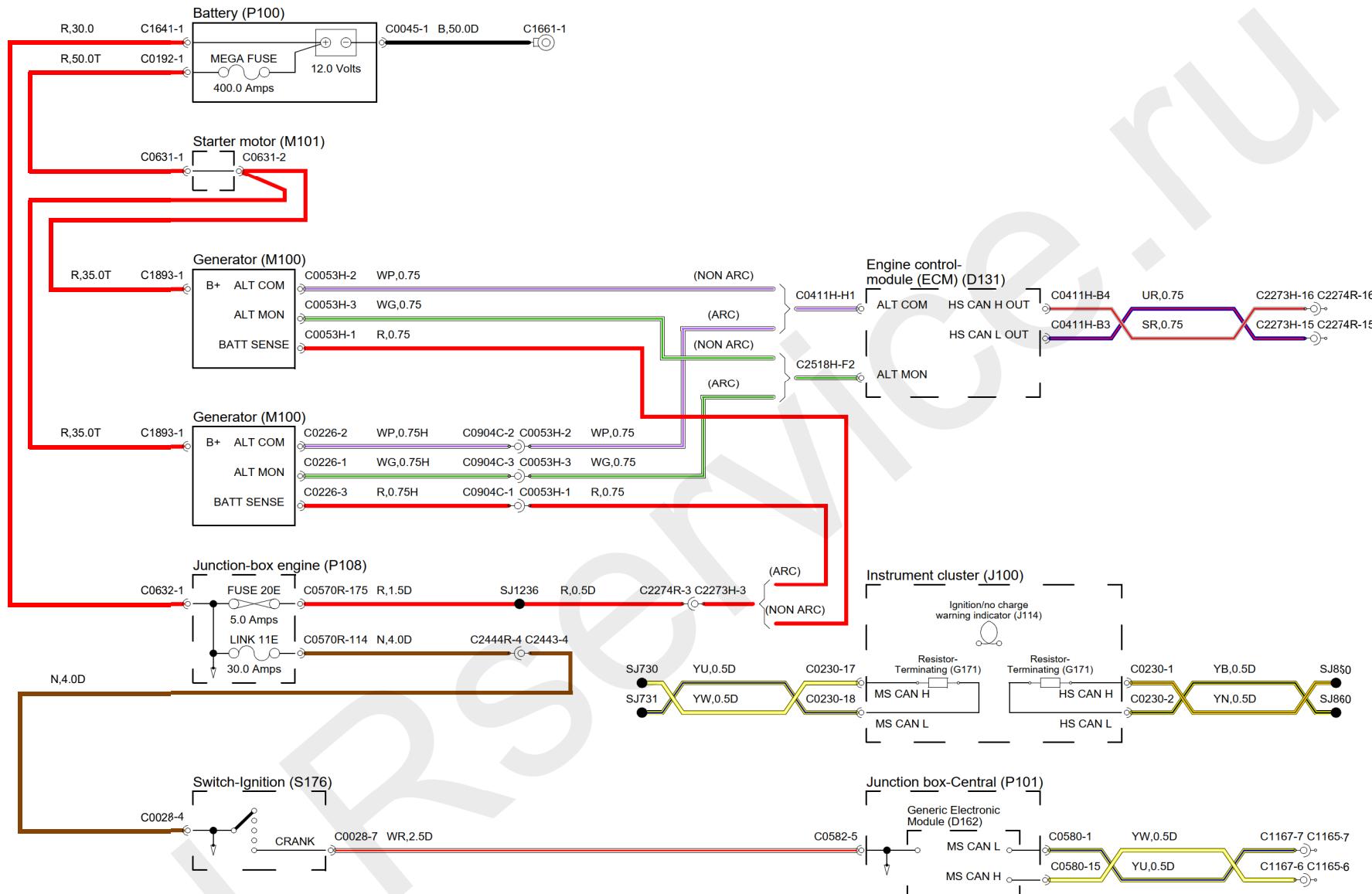


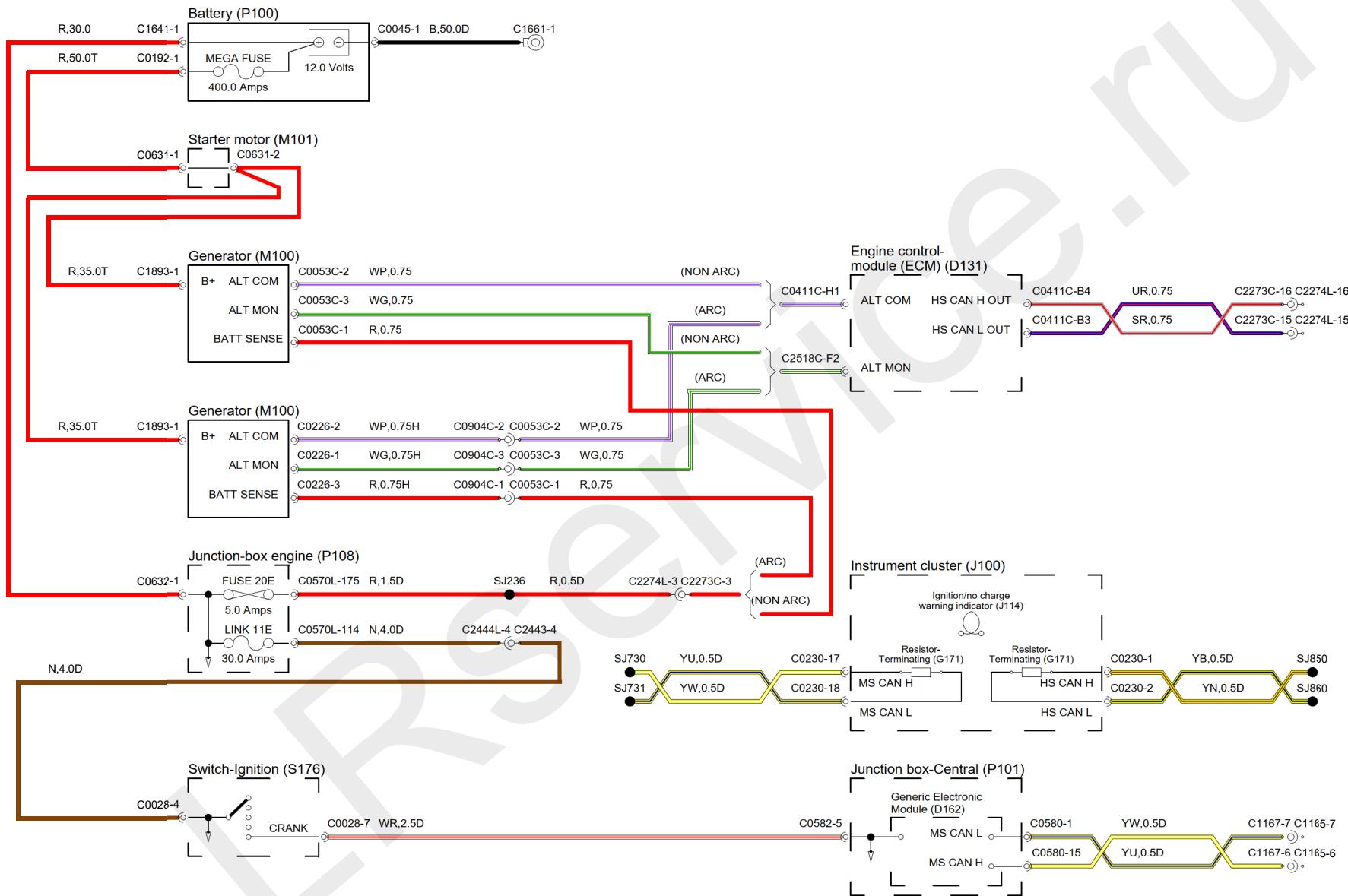


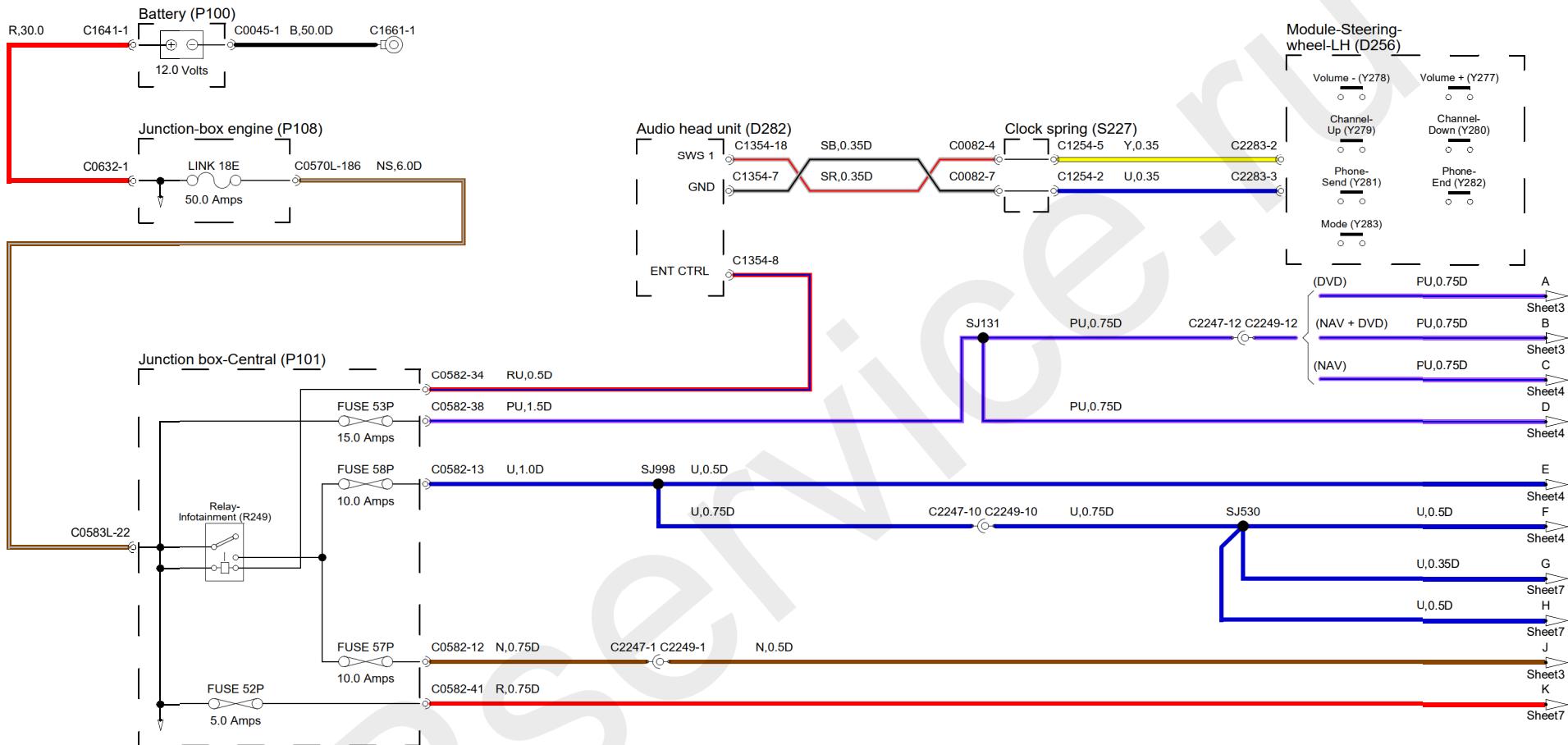


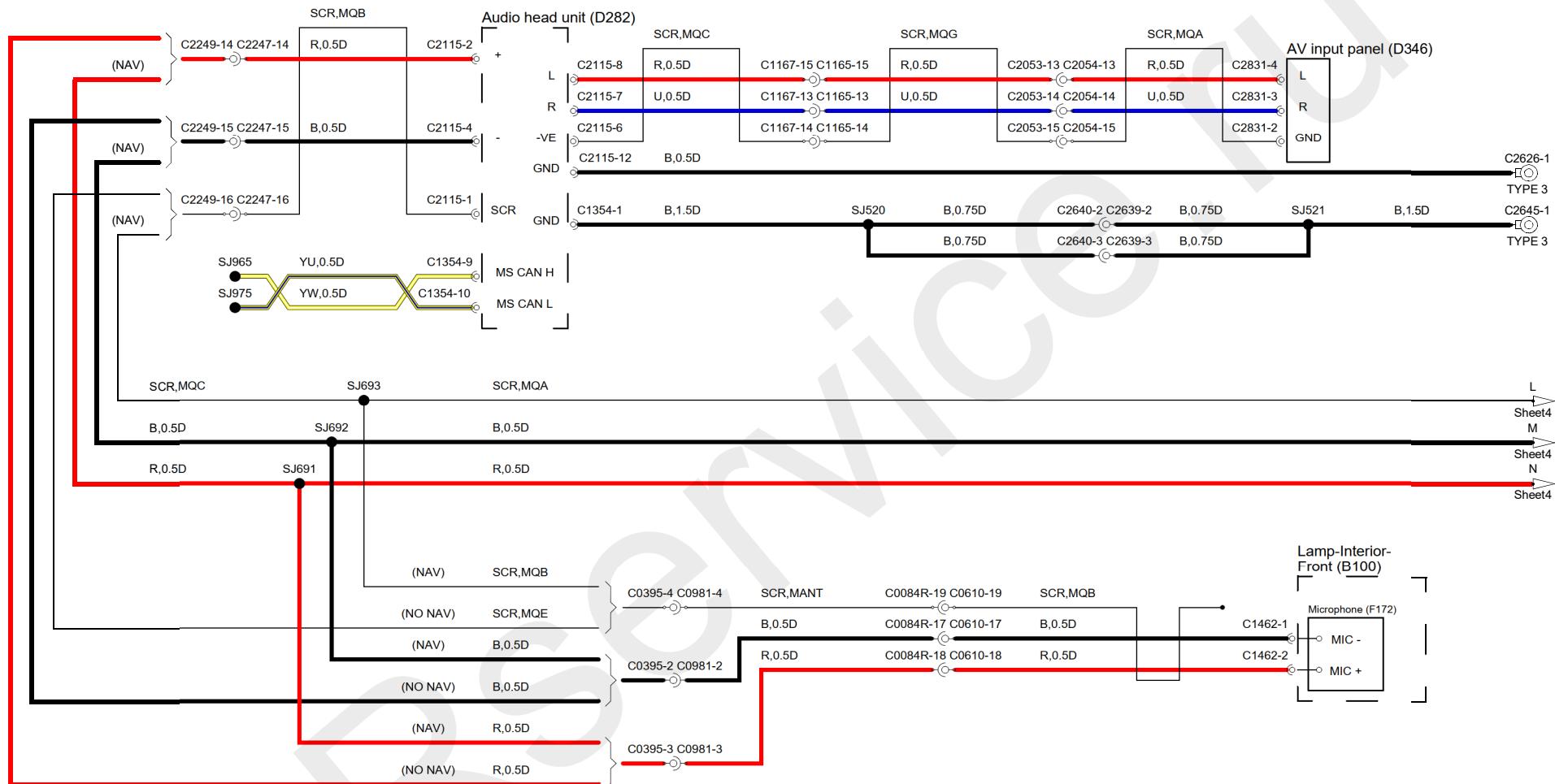


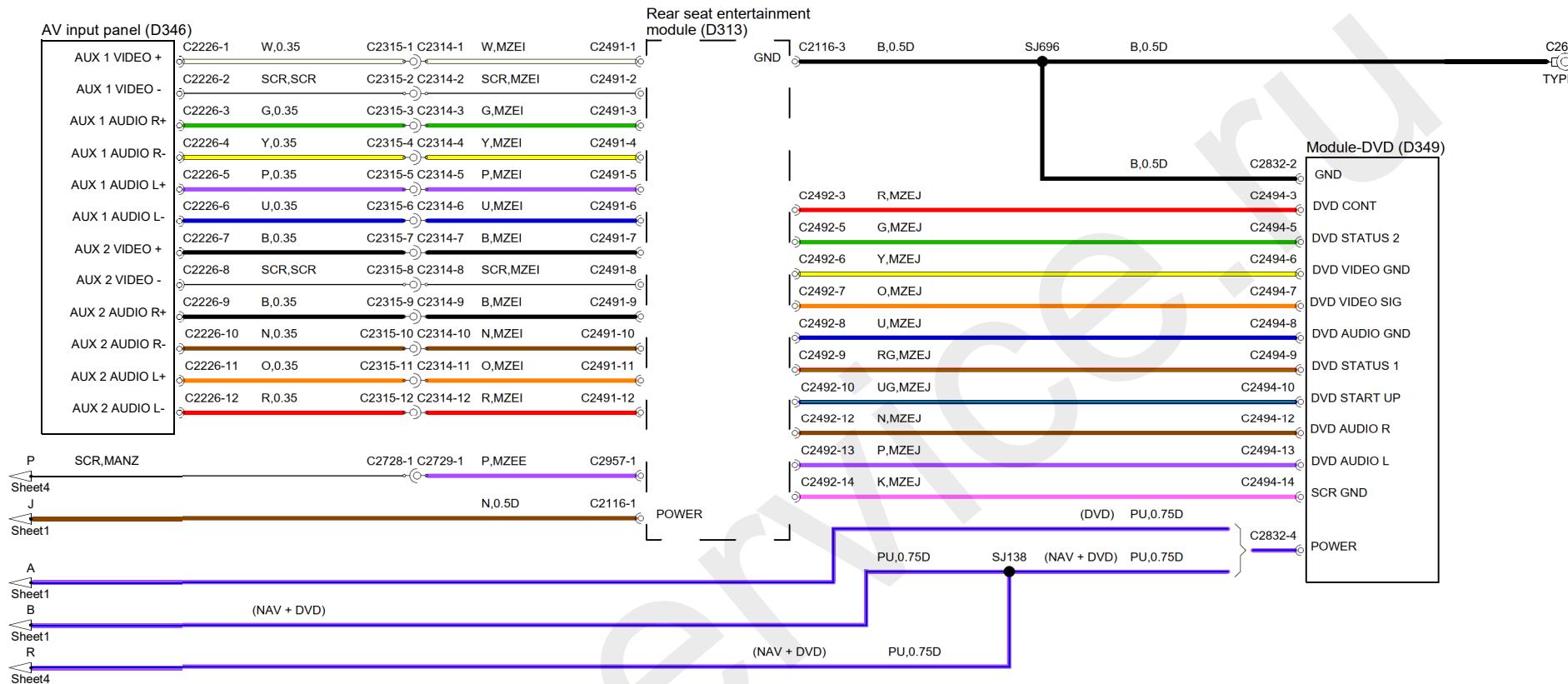


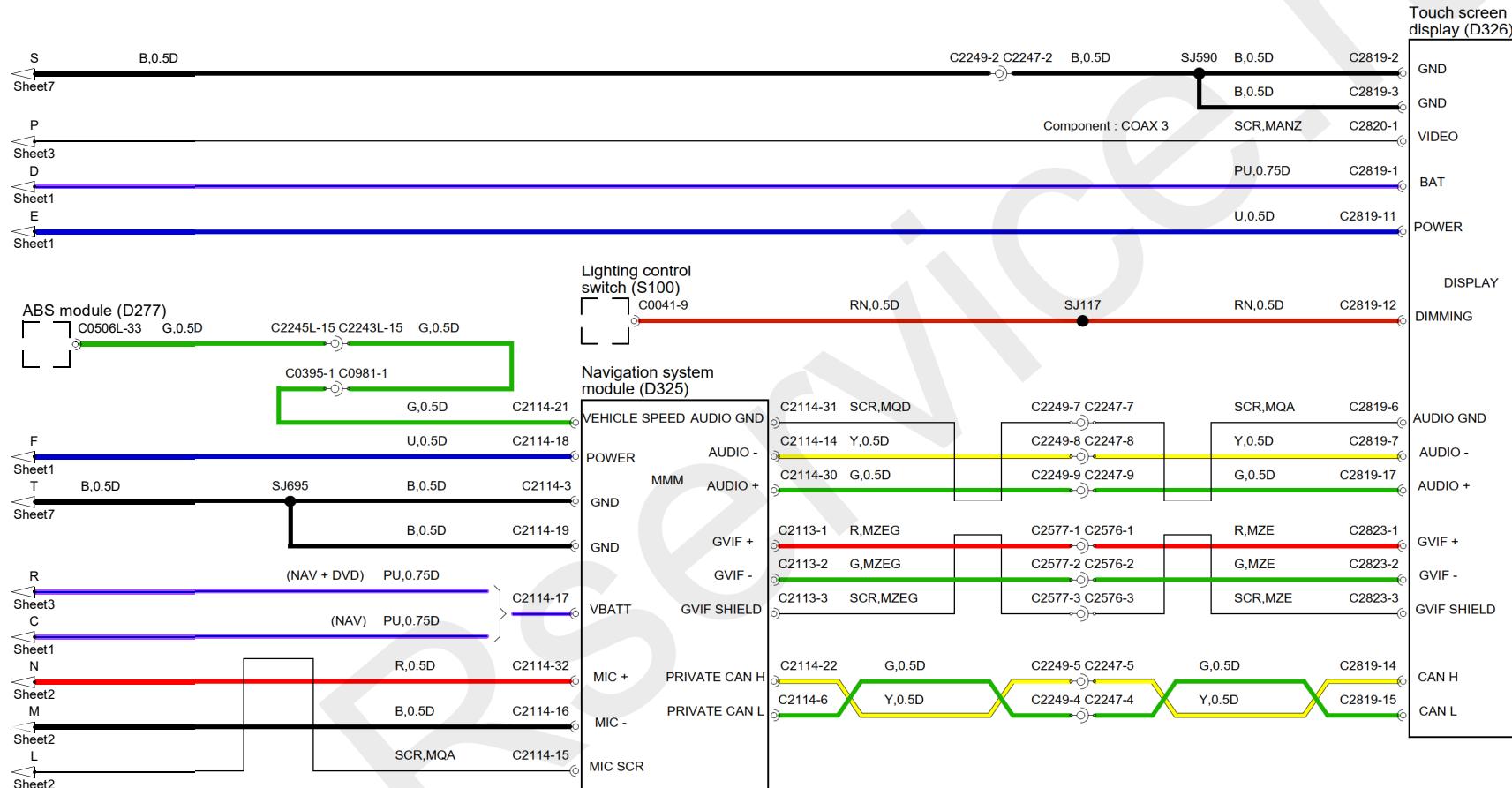


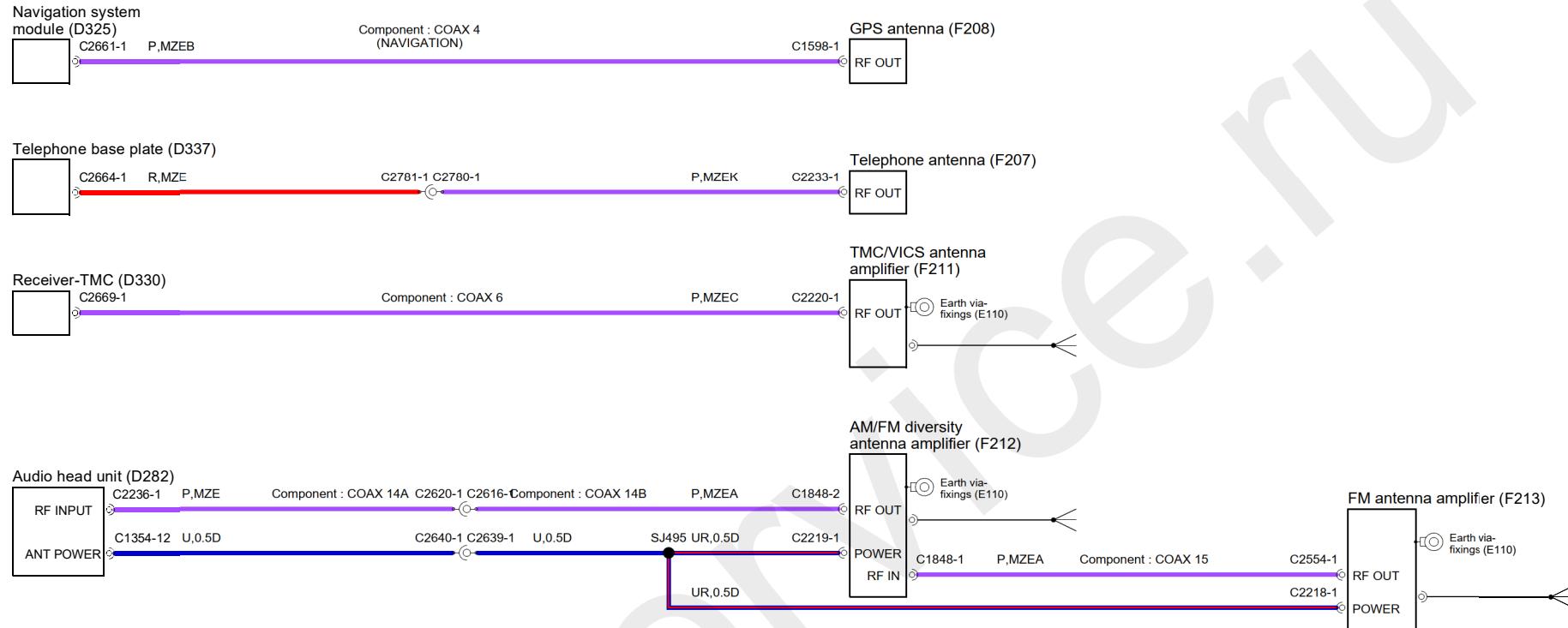


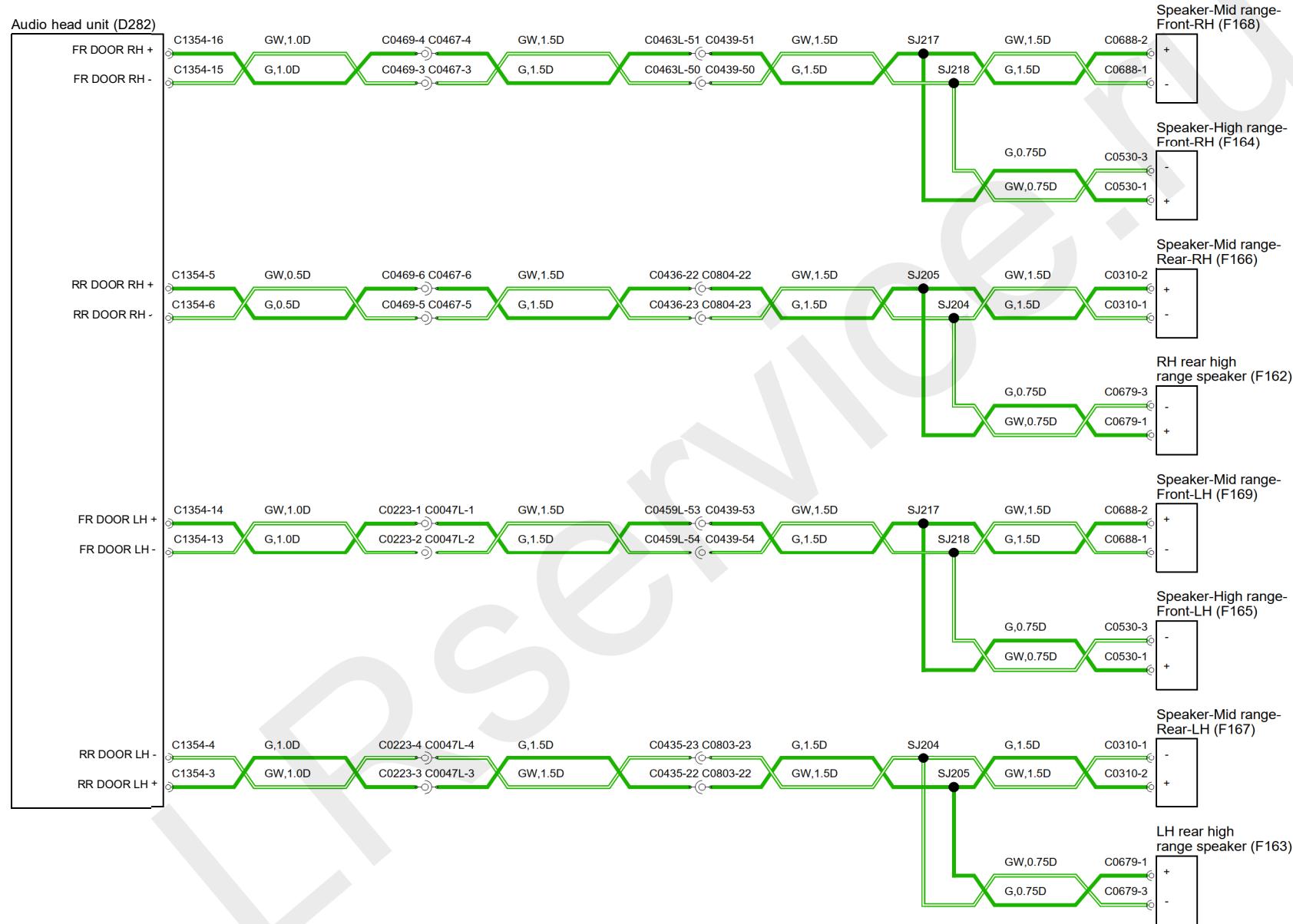


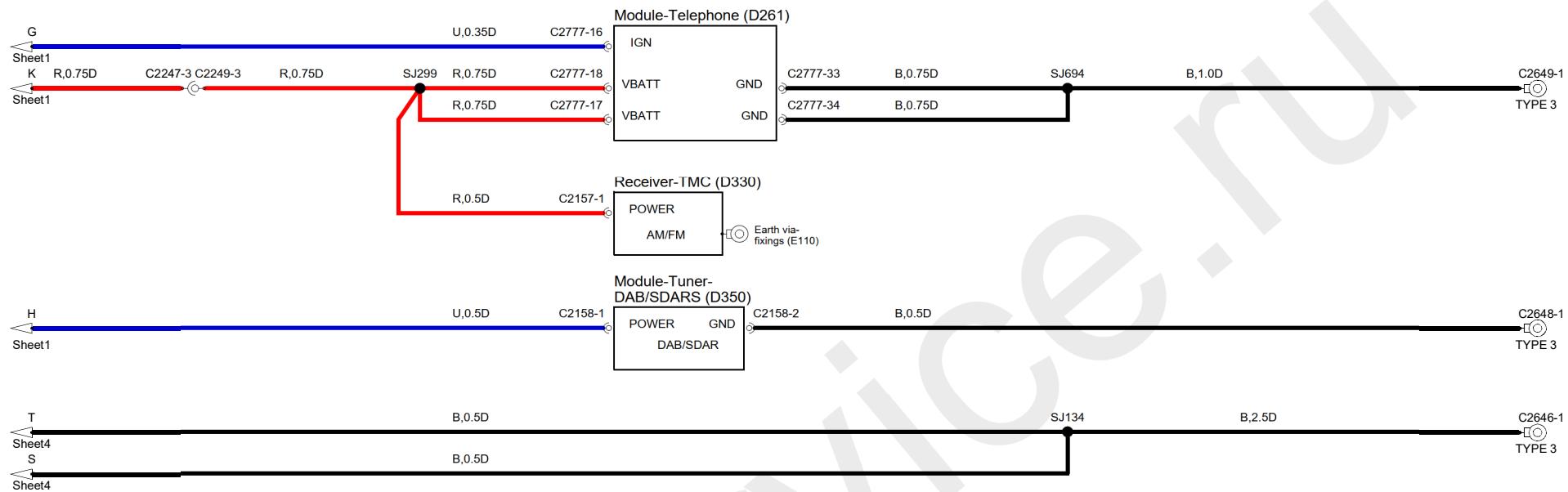


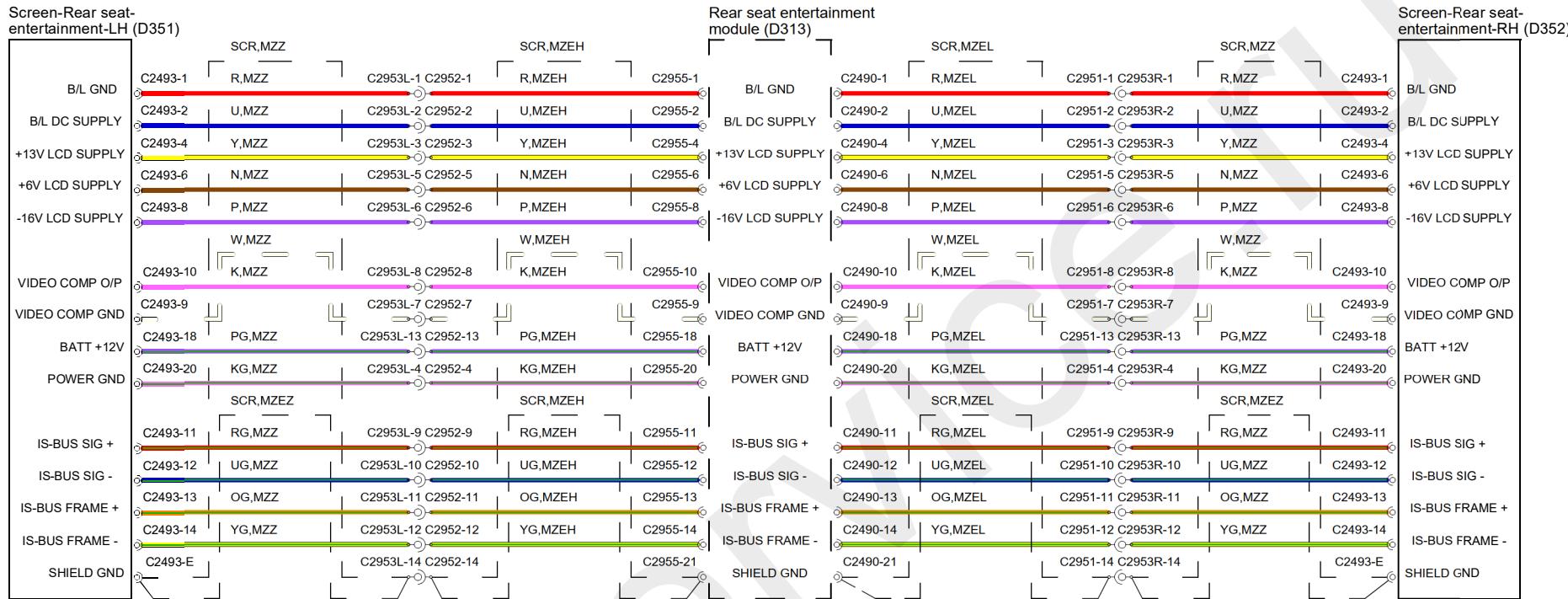


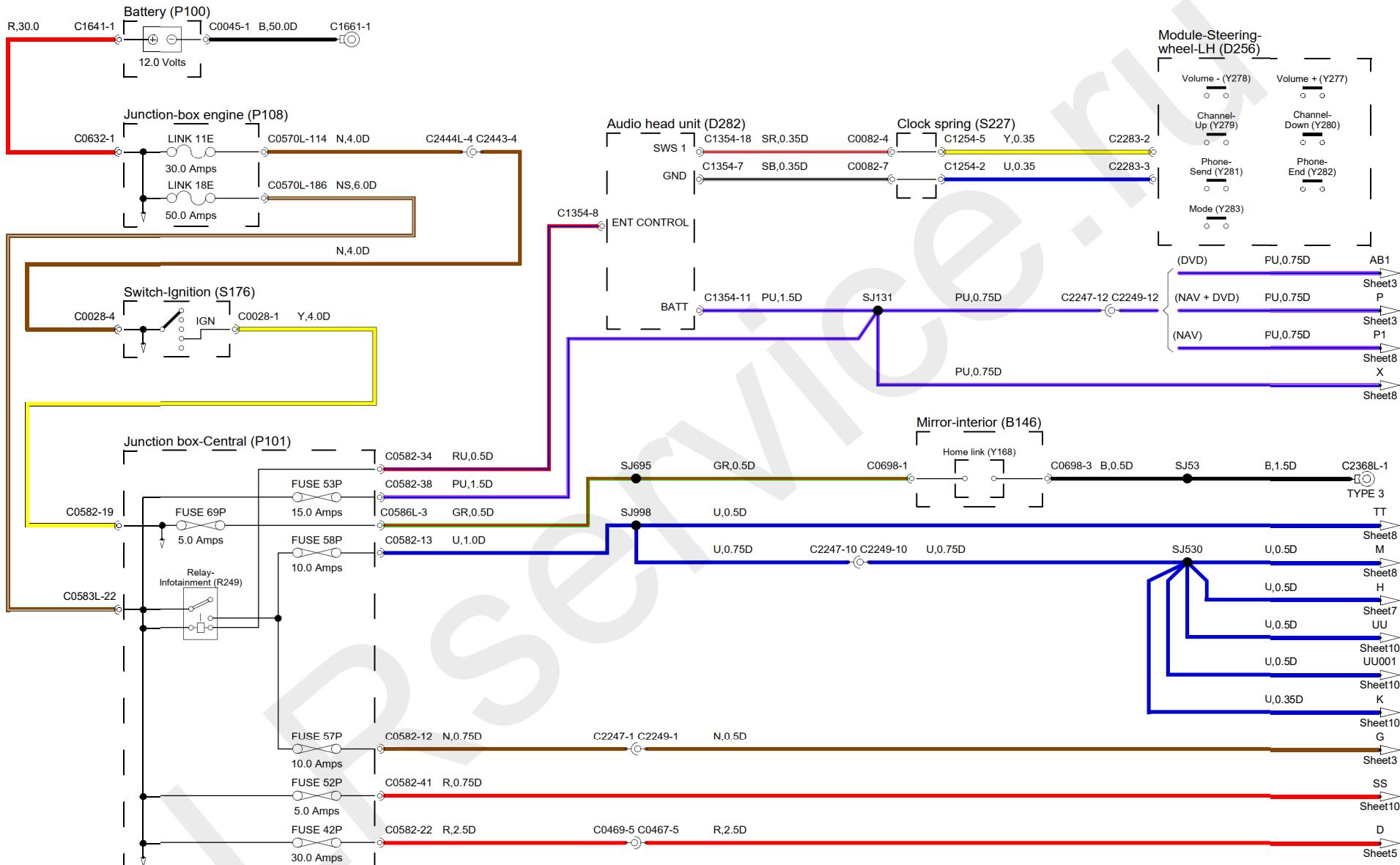


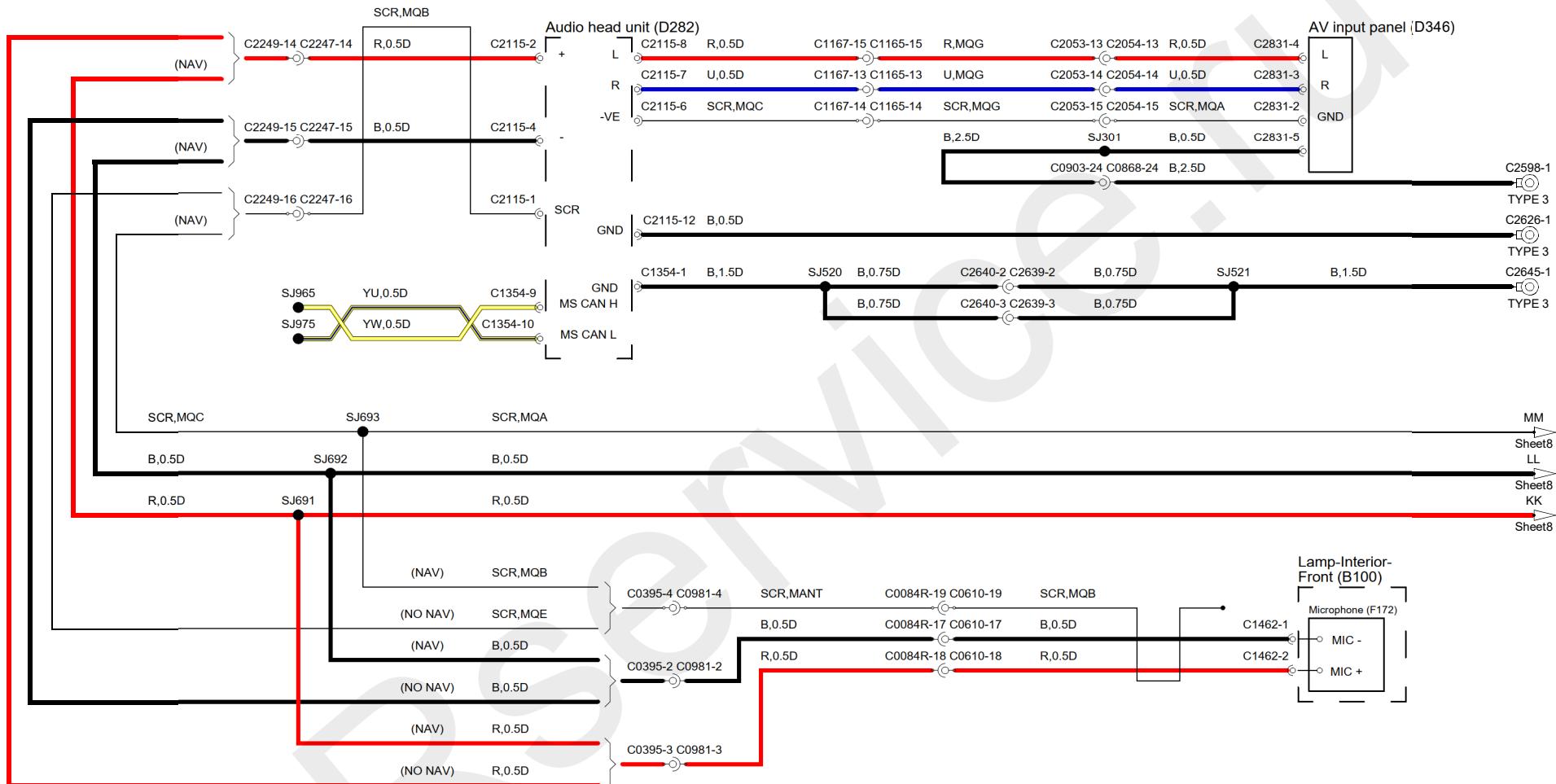


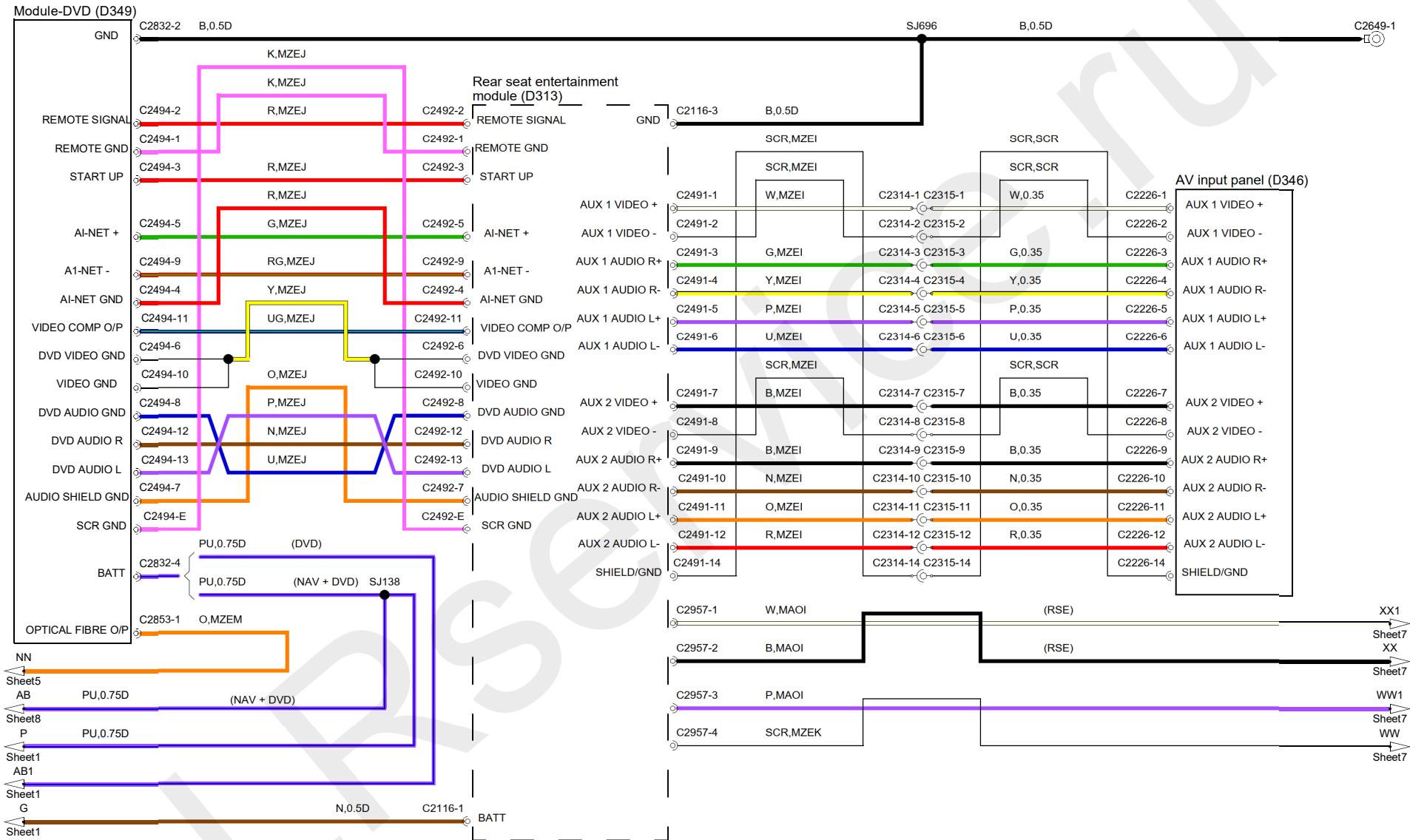






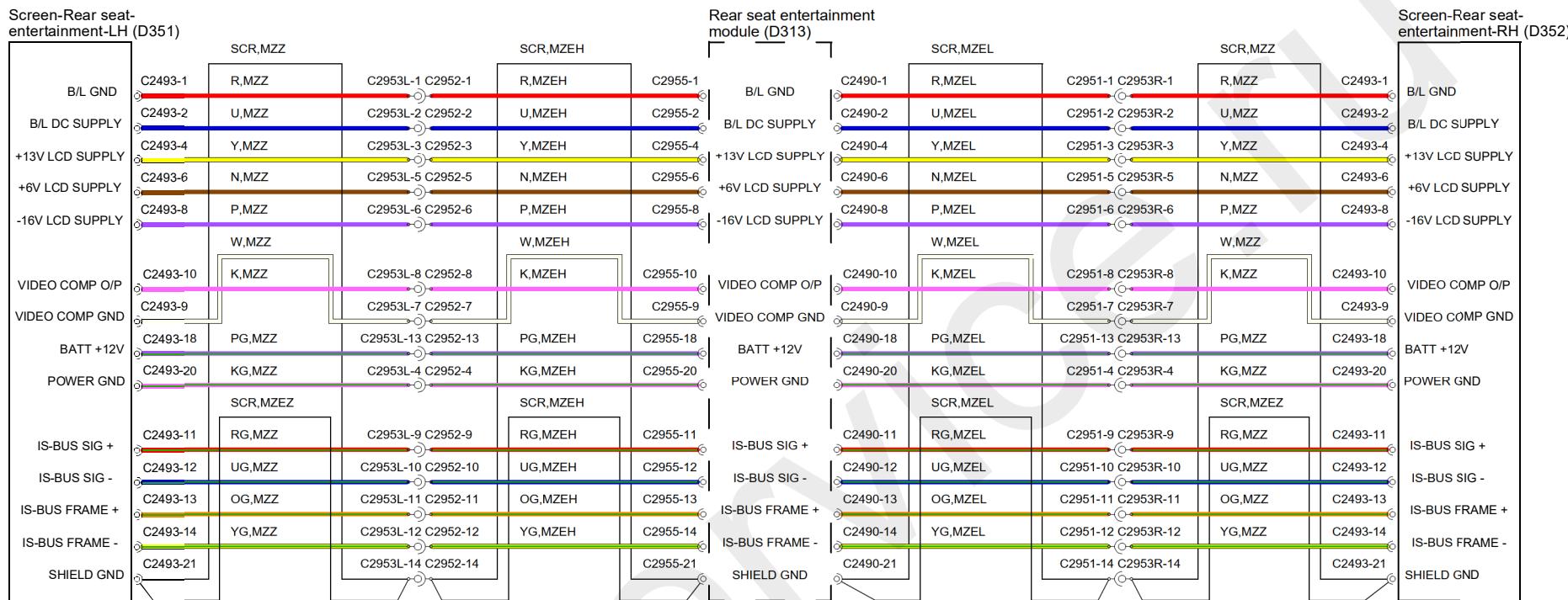


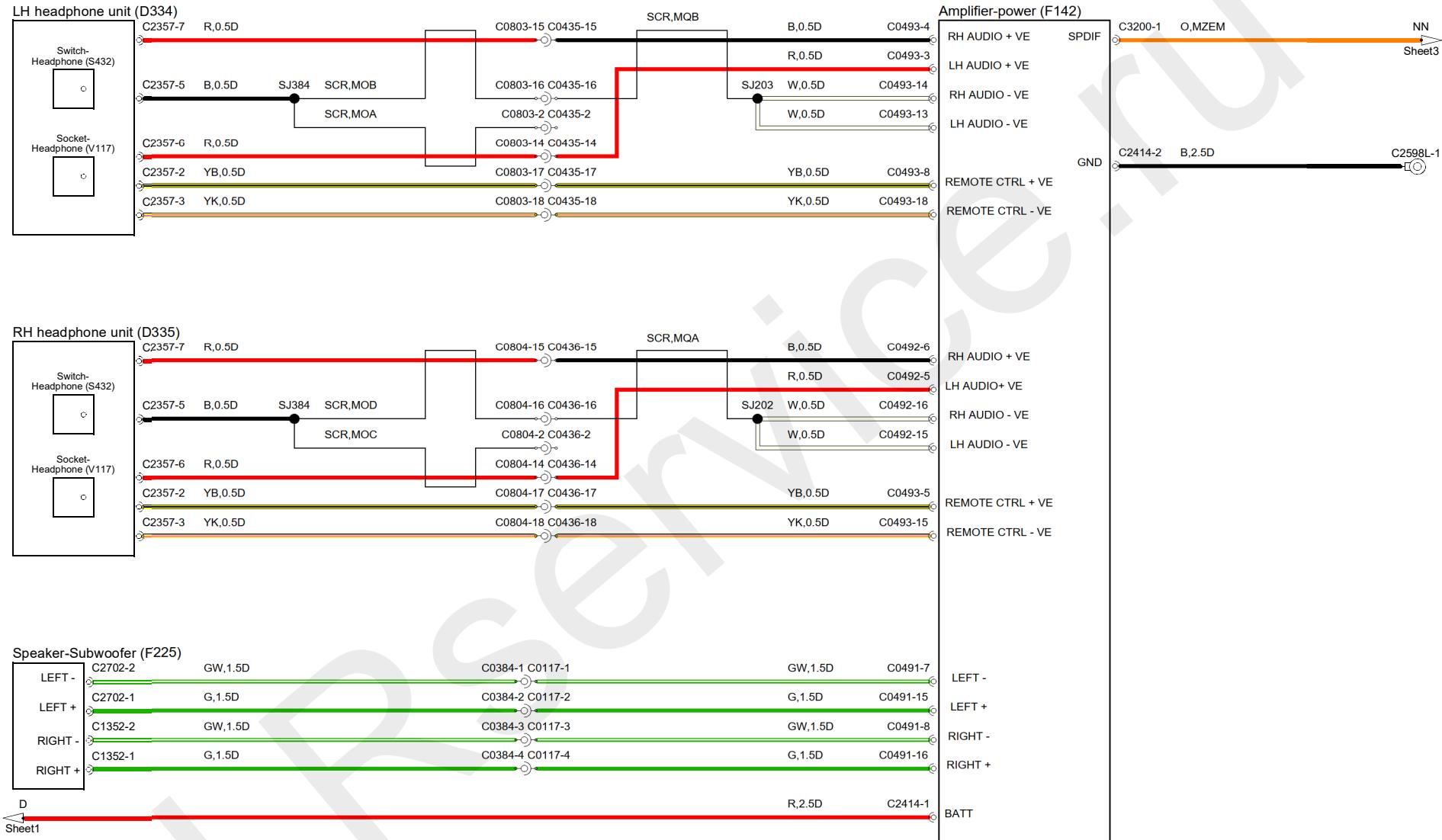


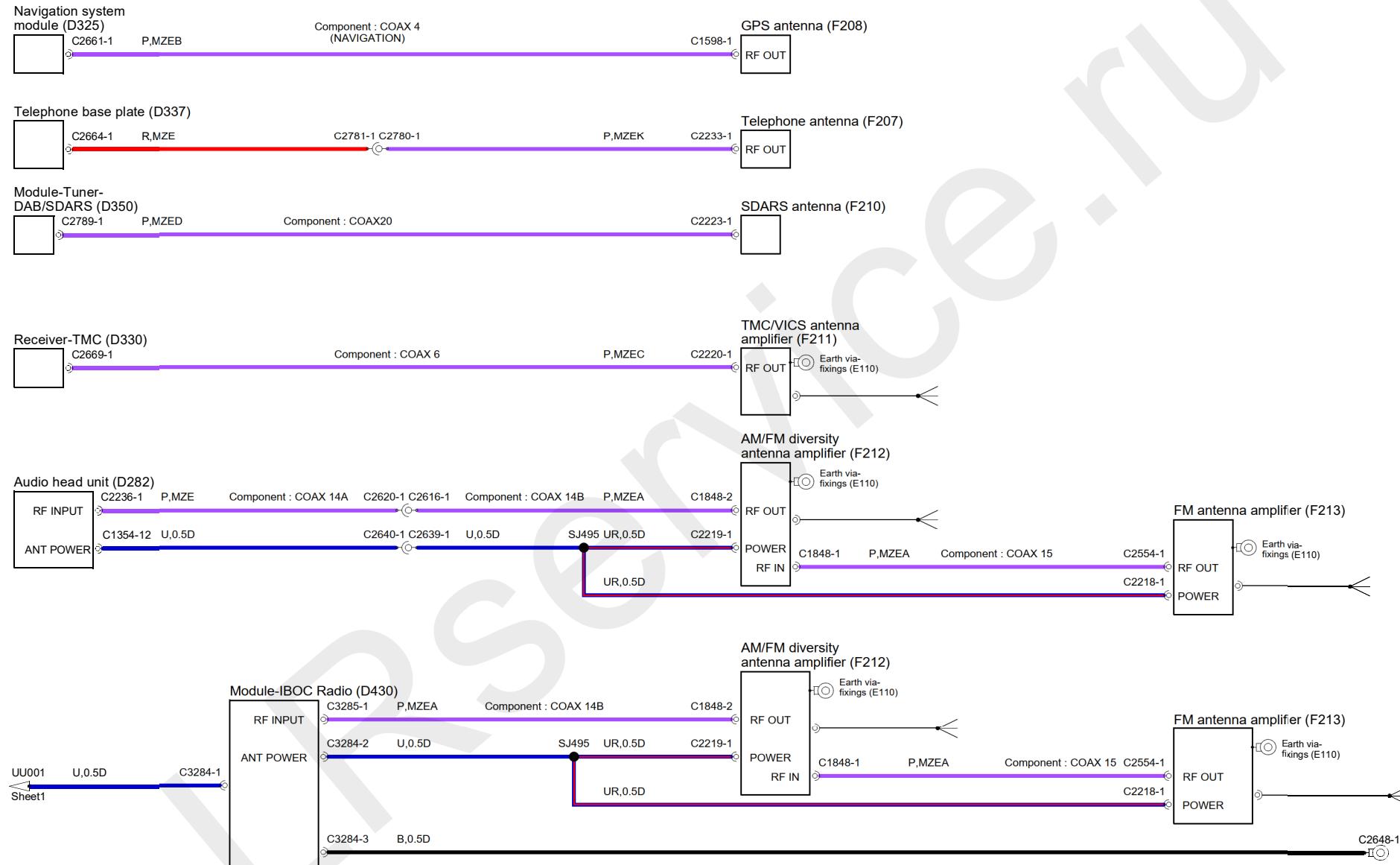


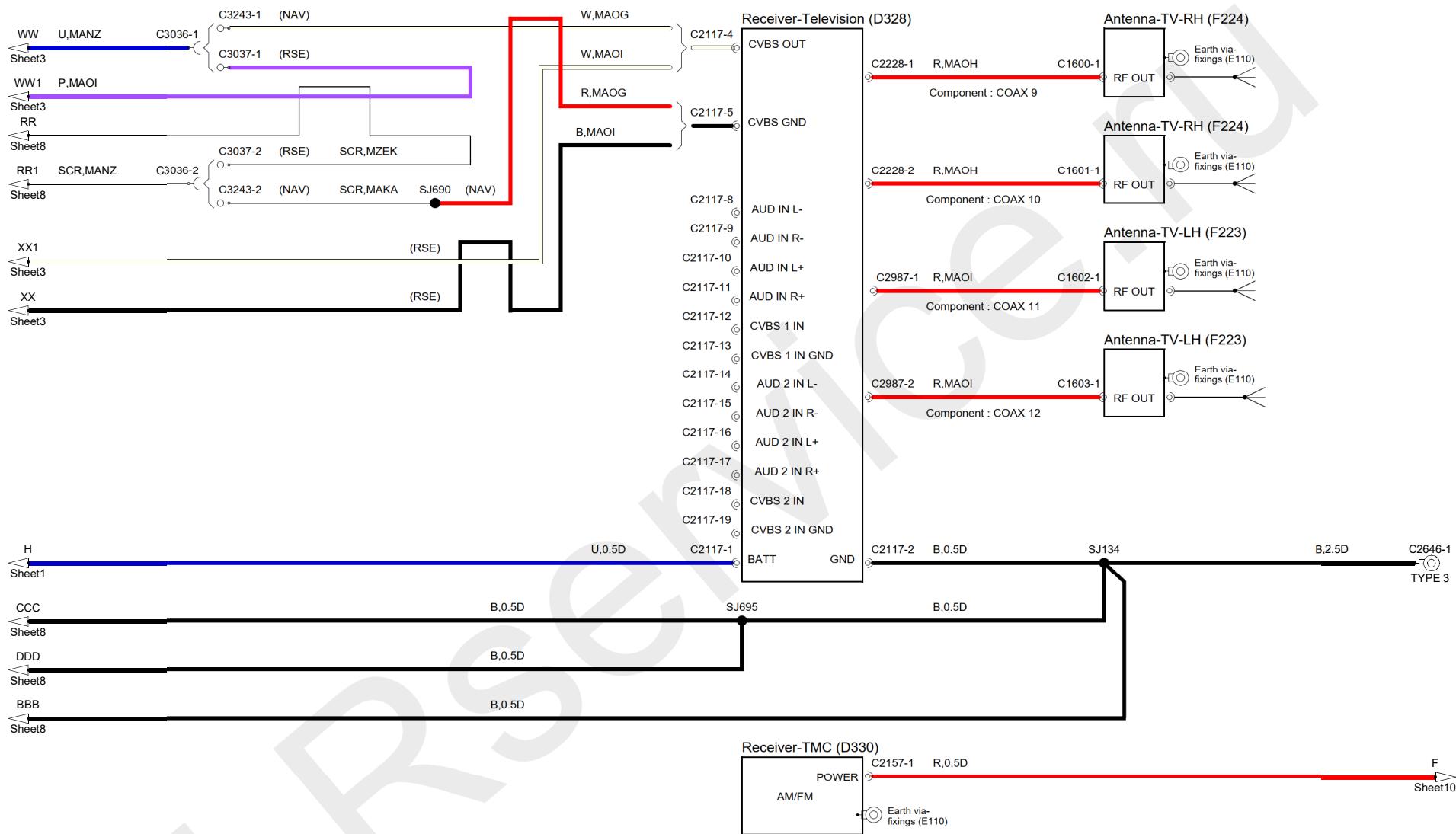
415-00 - INFORMATION AND ENTERTAINMENT SYSTEM

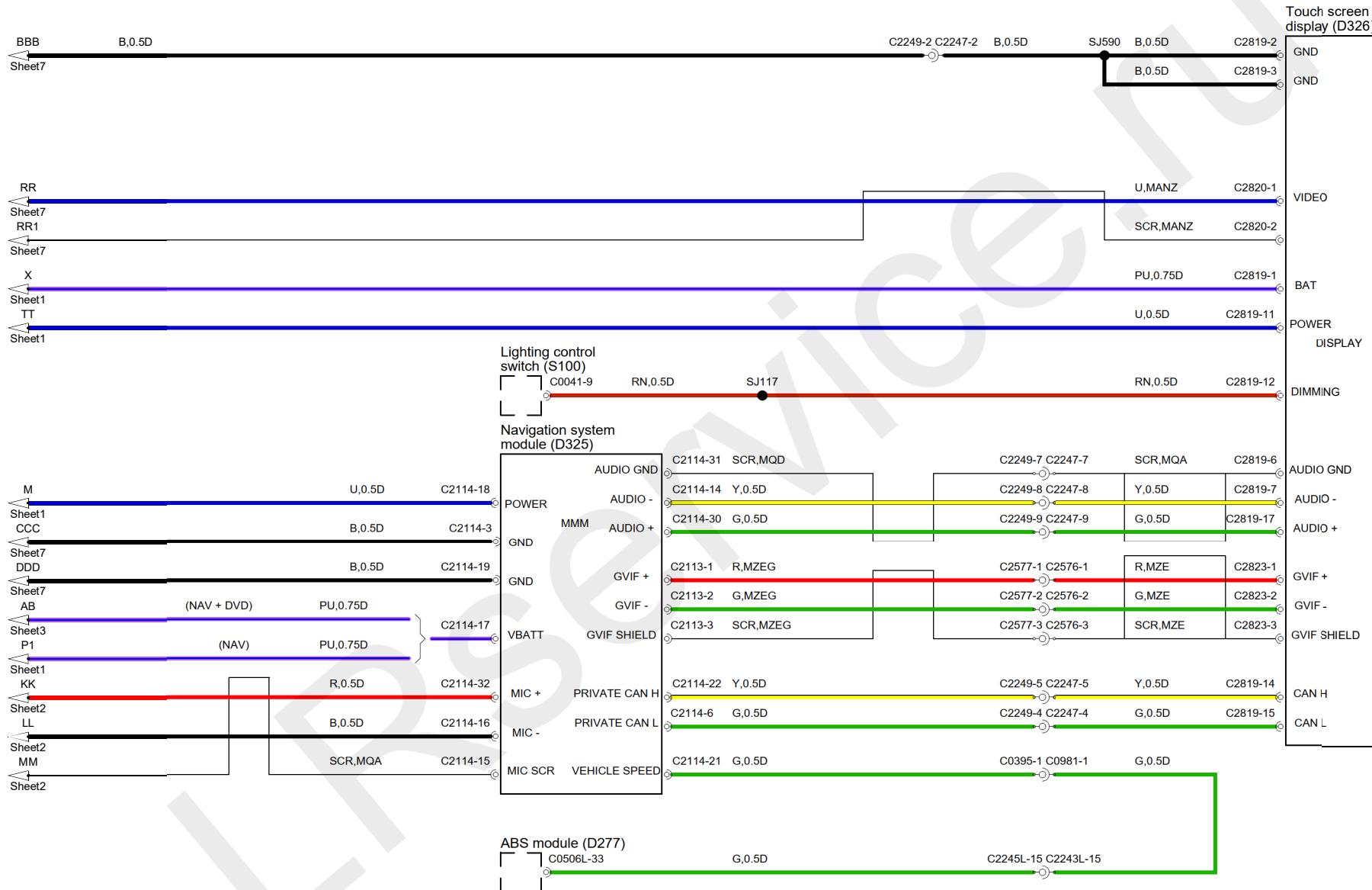
## High line - Harman Kardon

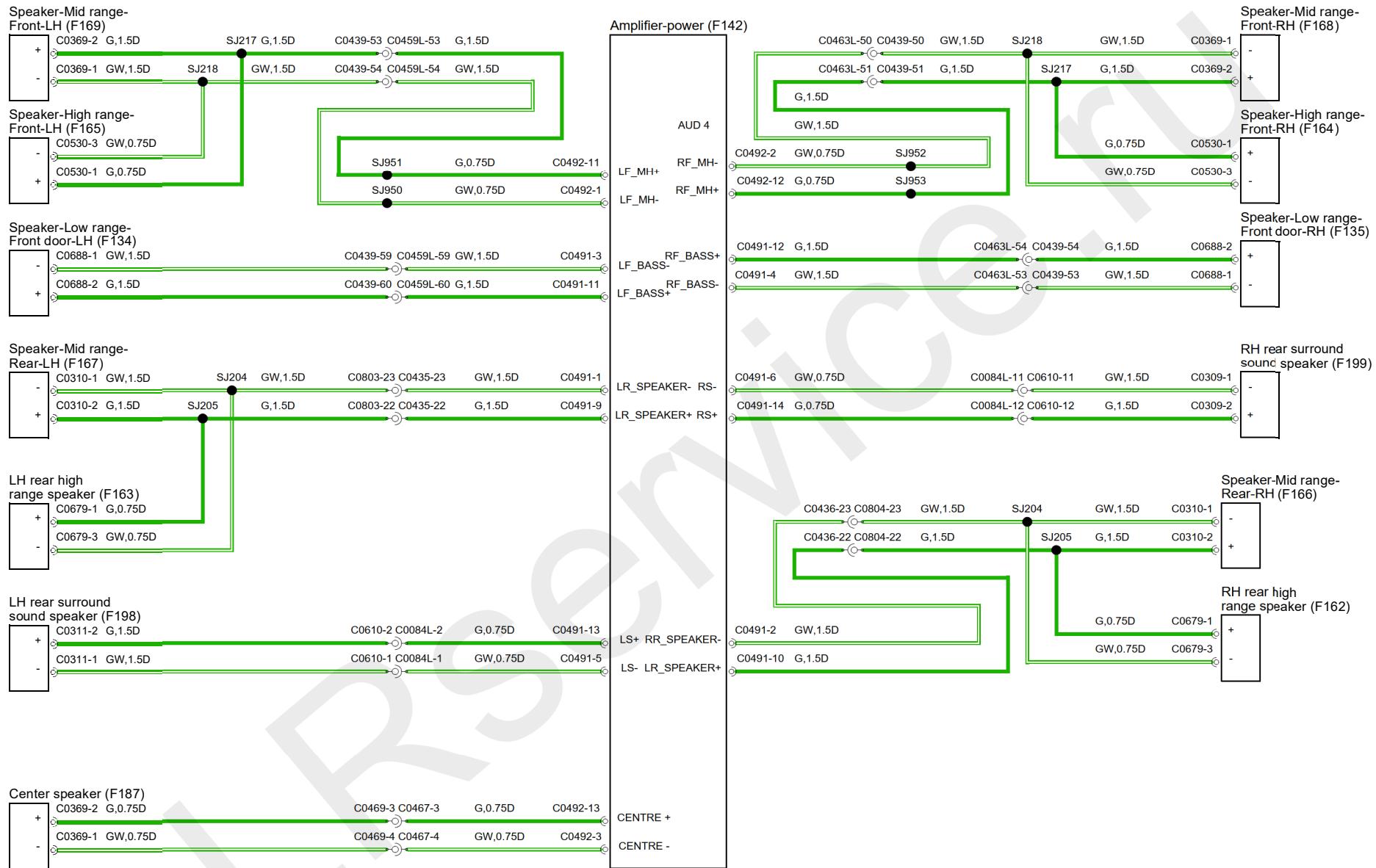


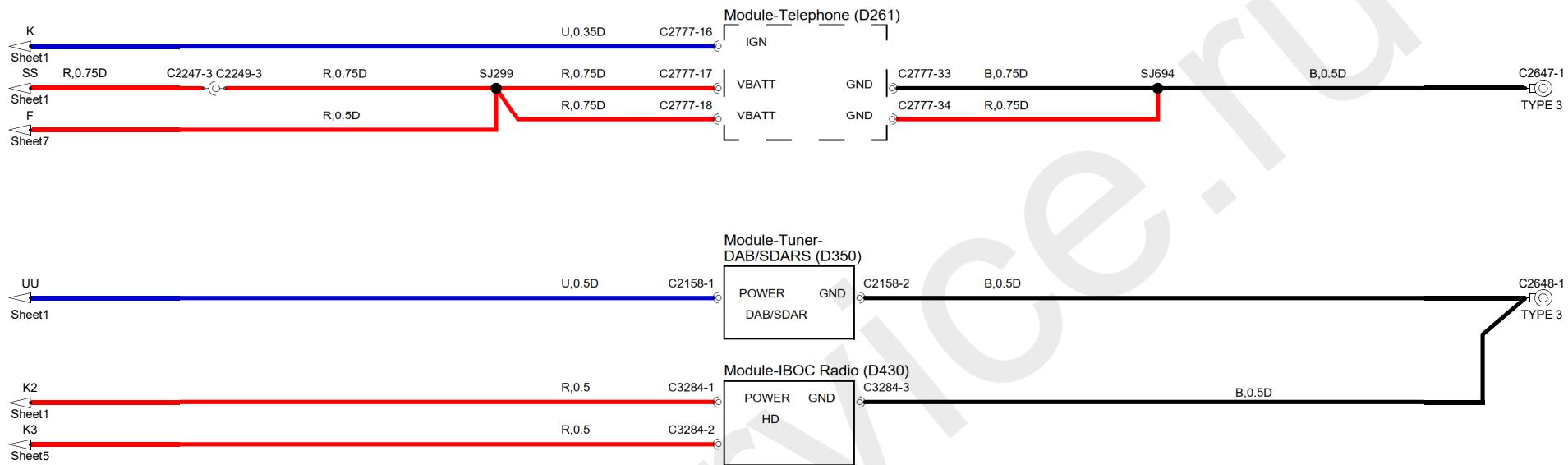


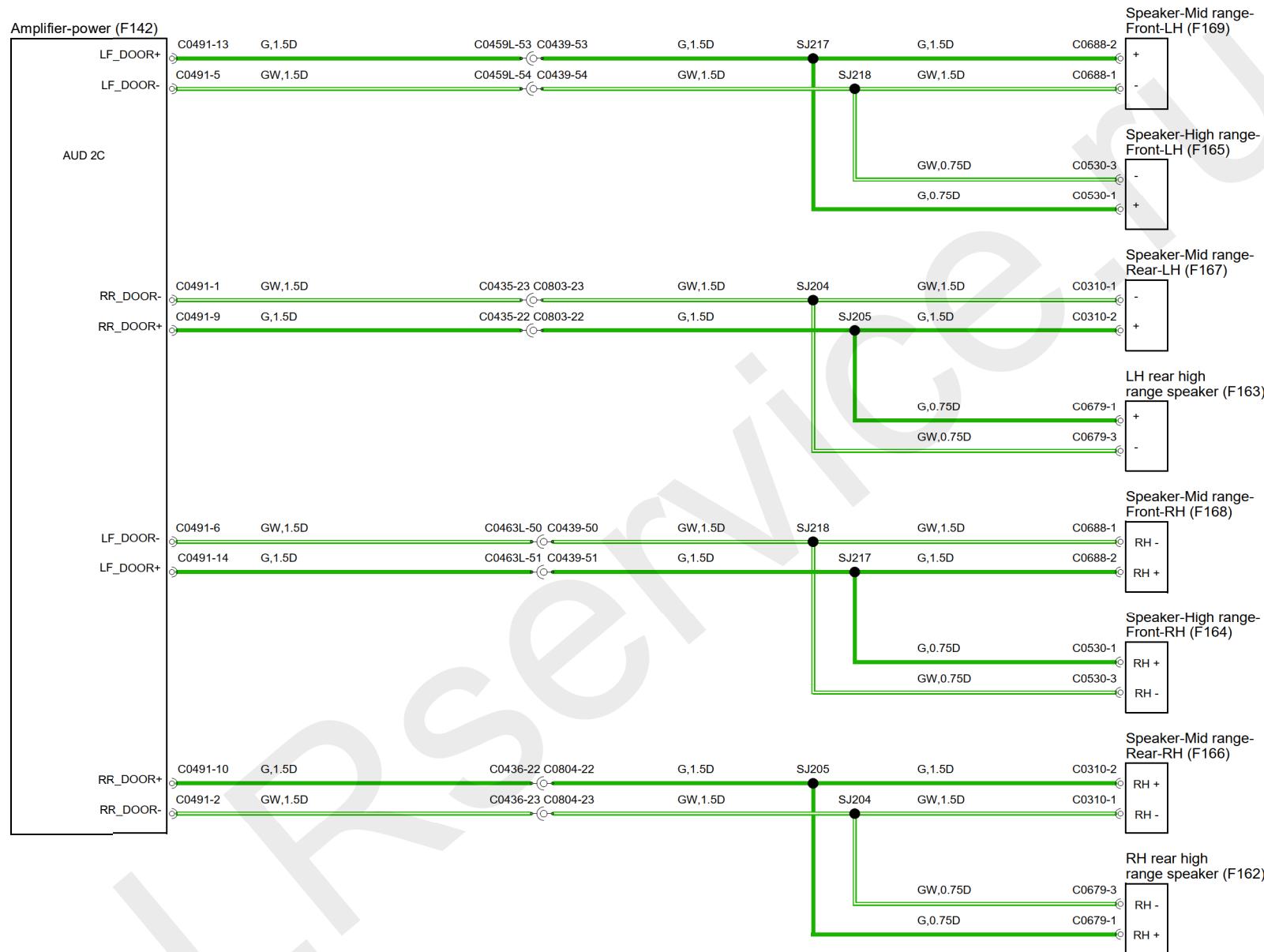


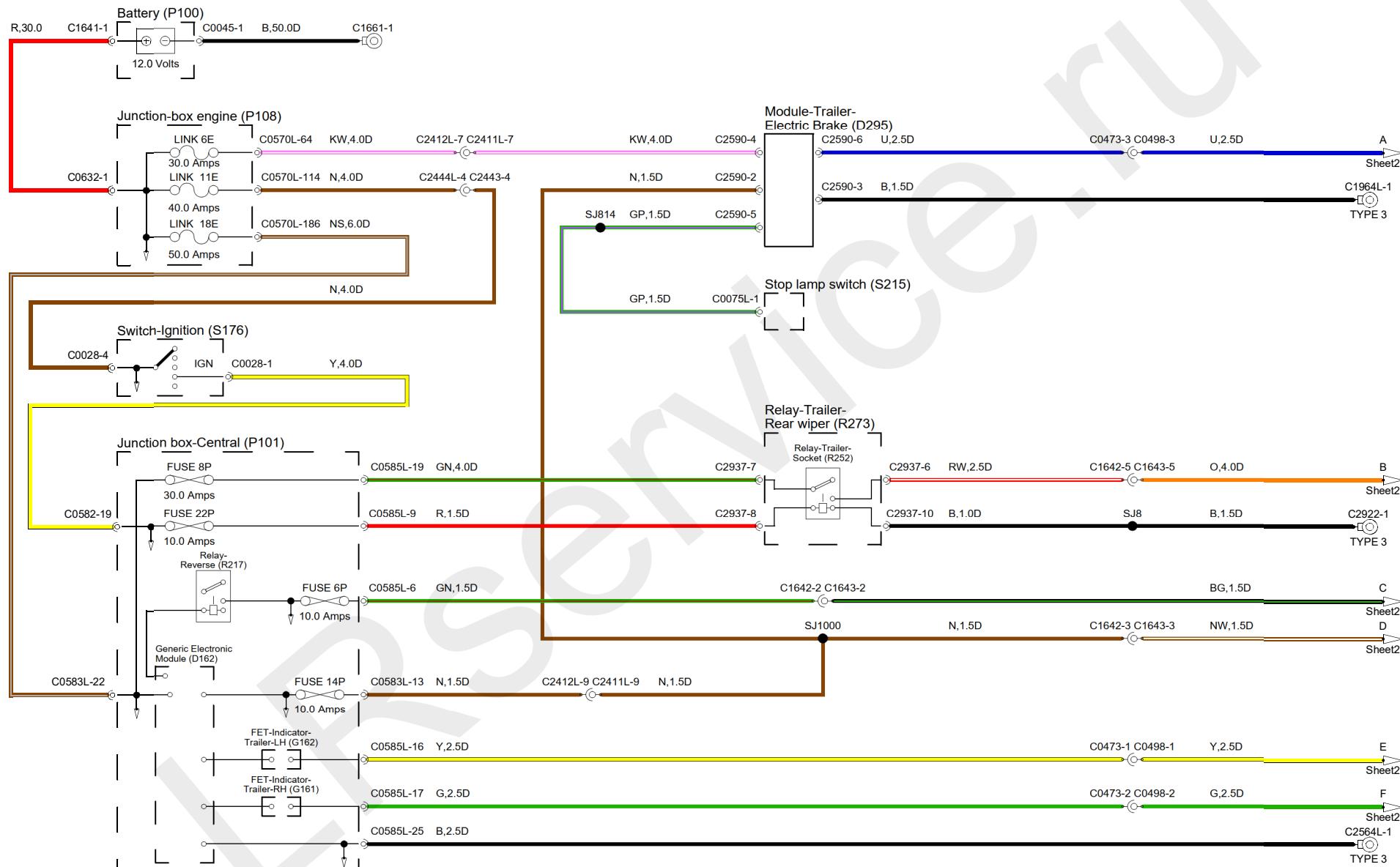


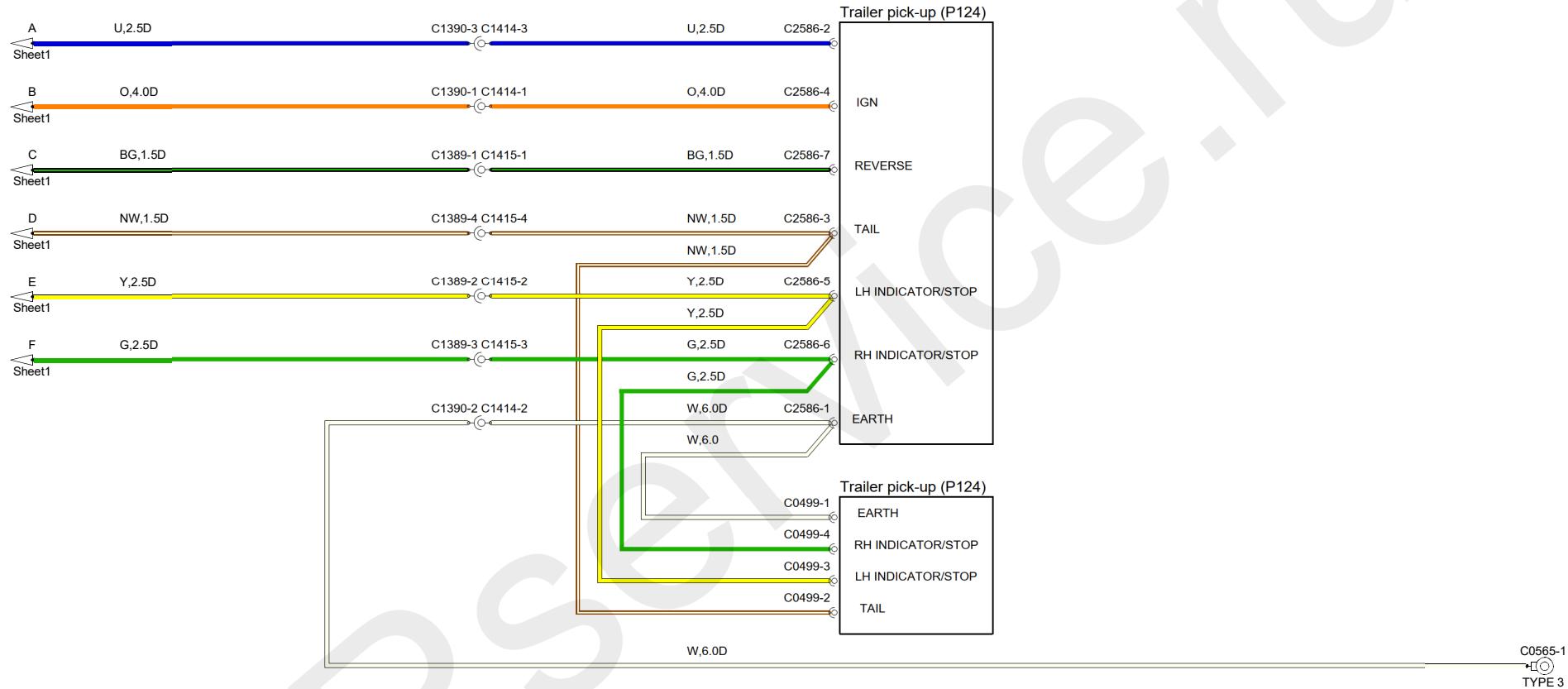


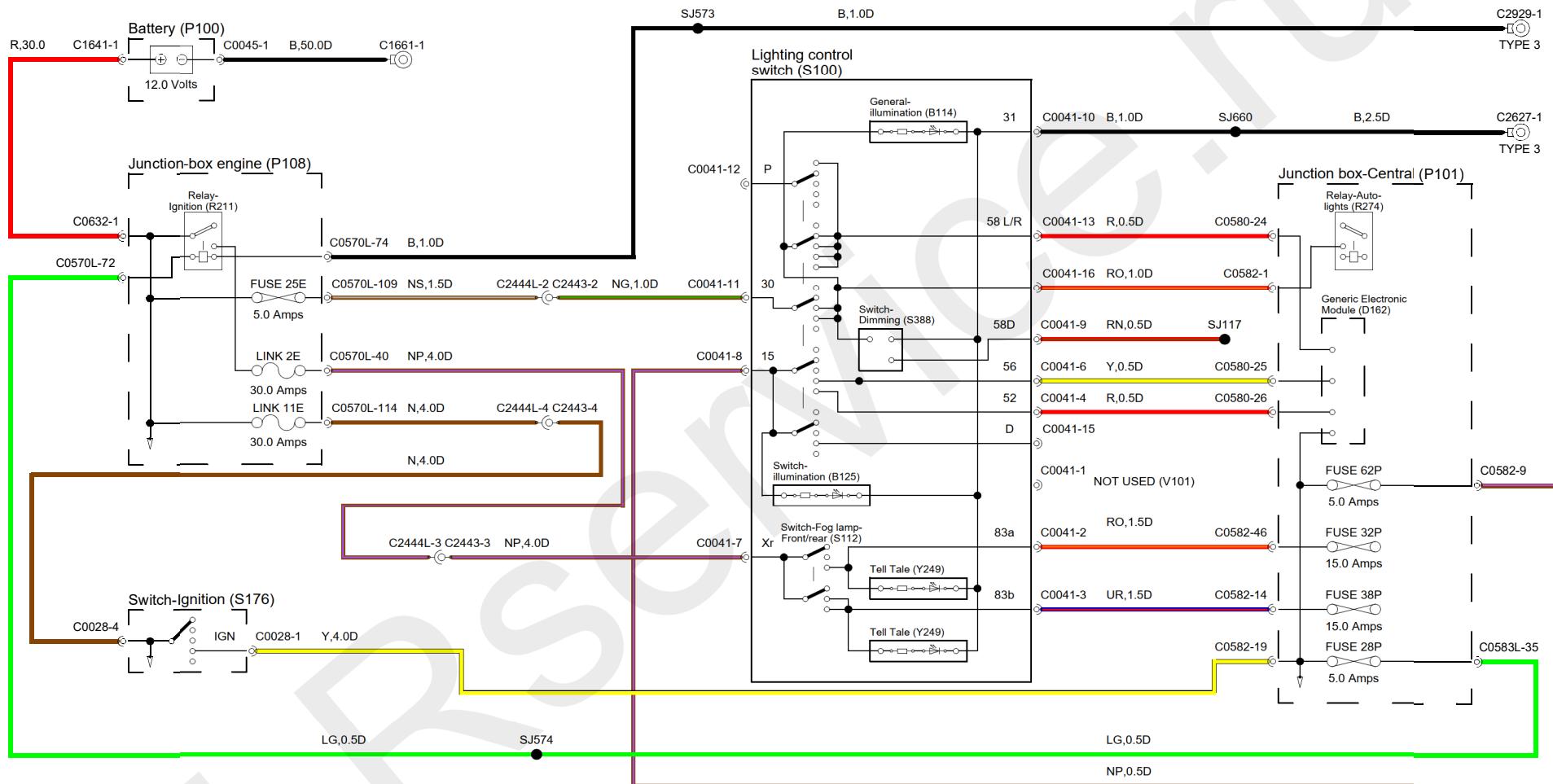


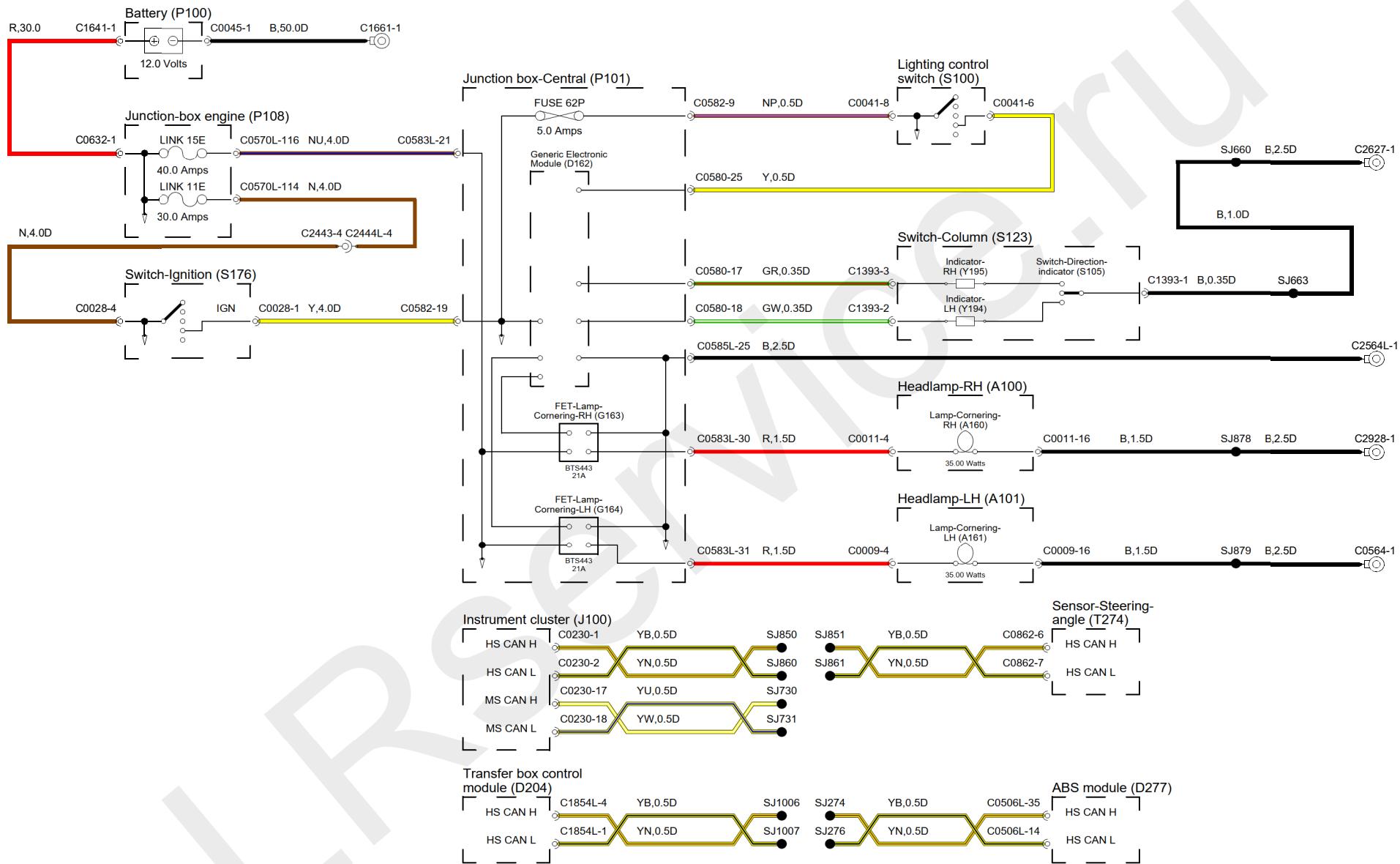


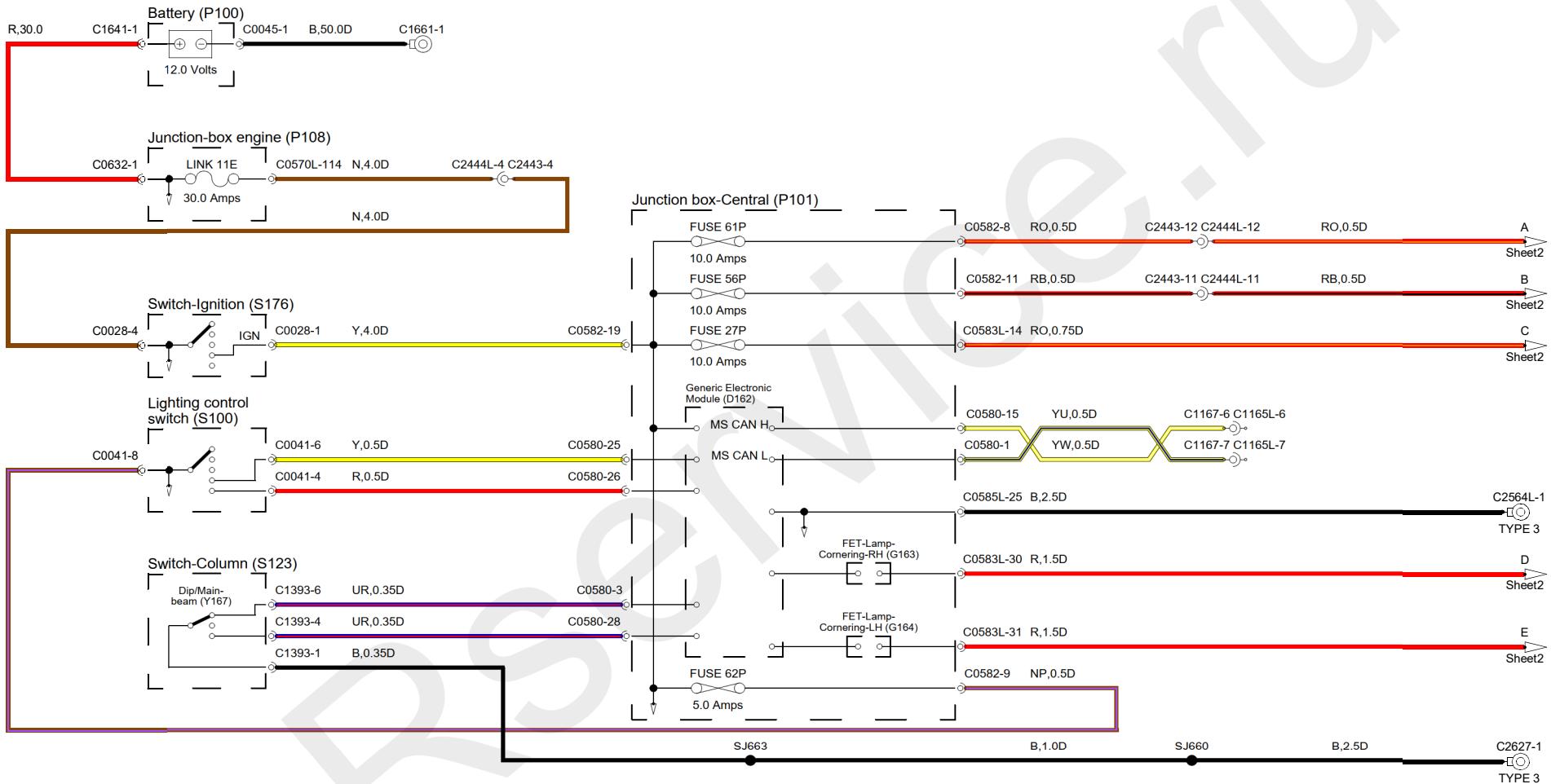


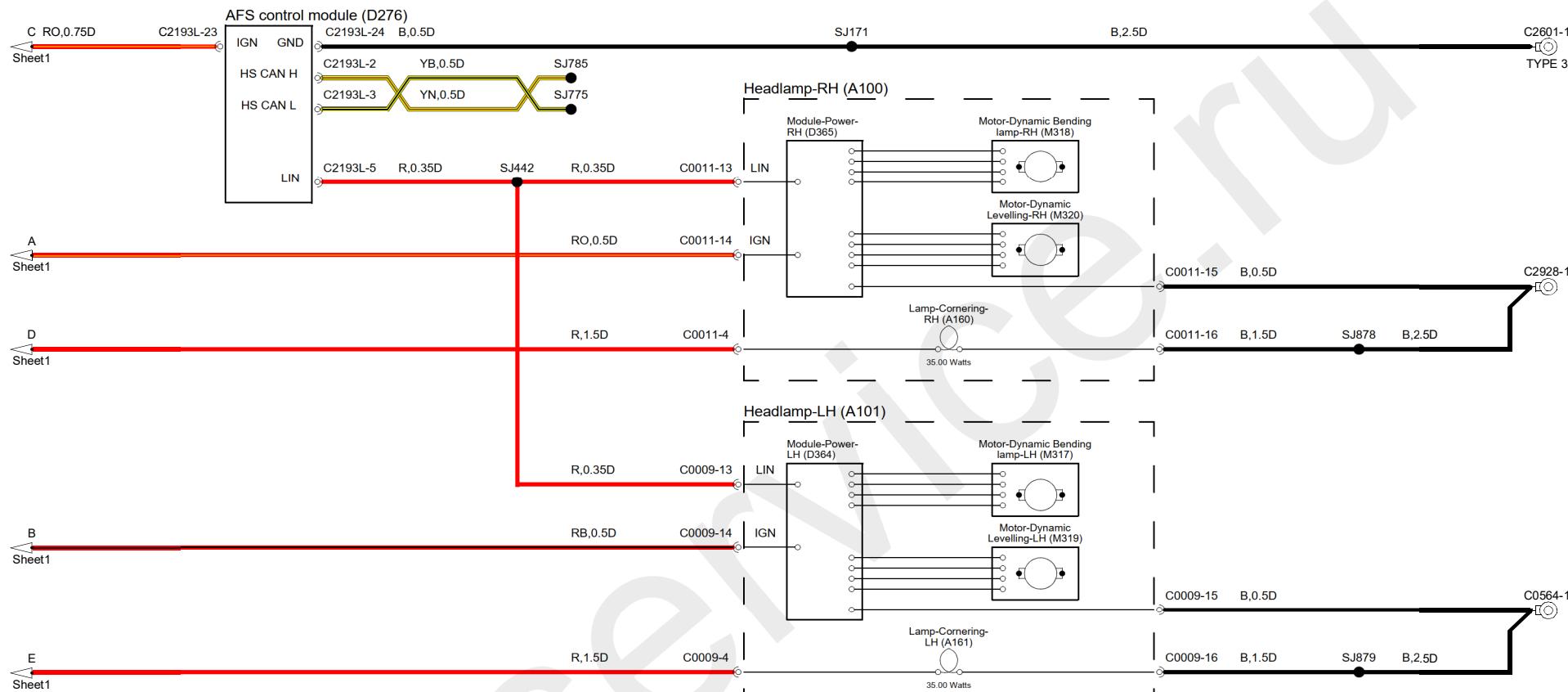


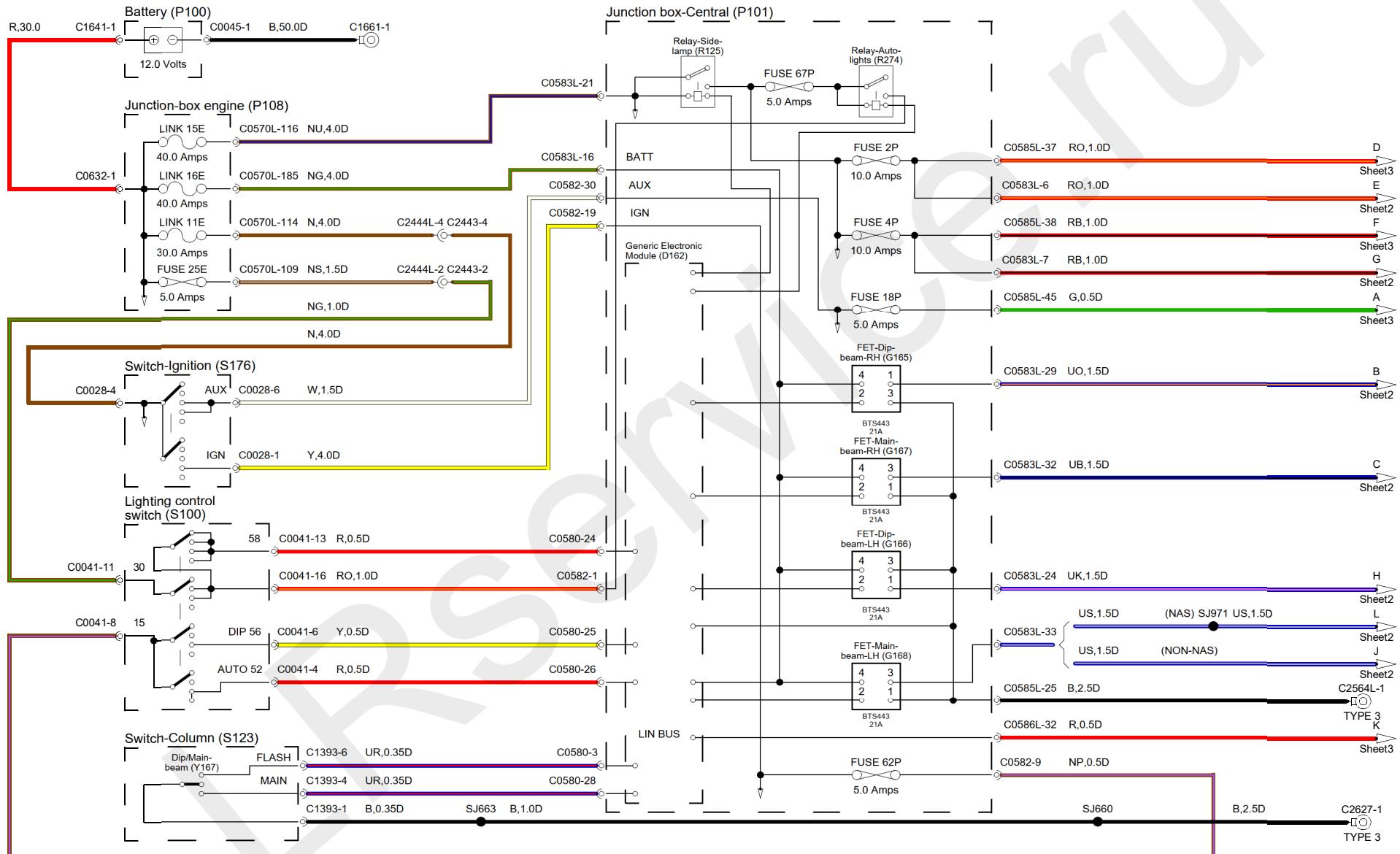


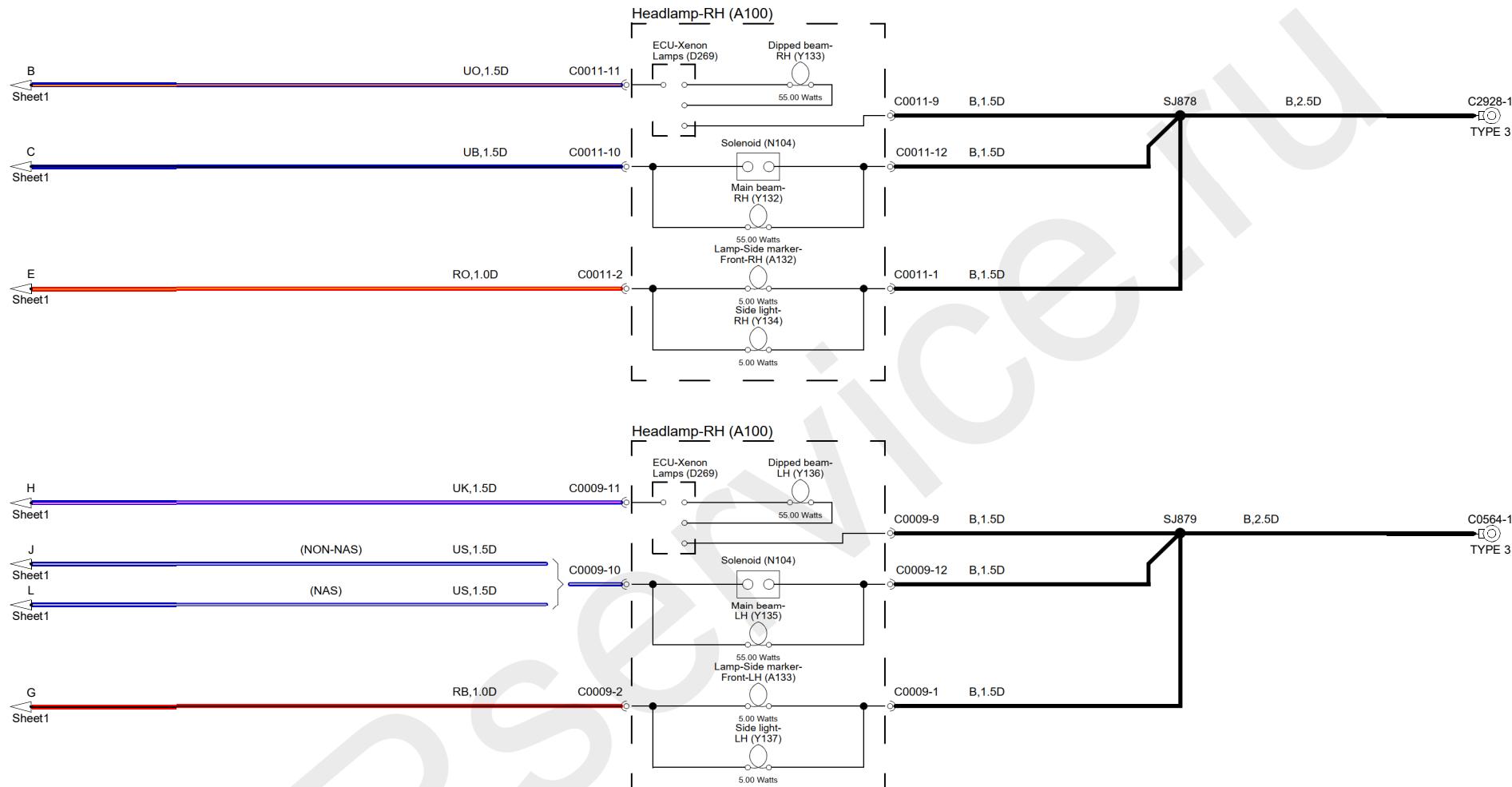


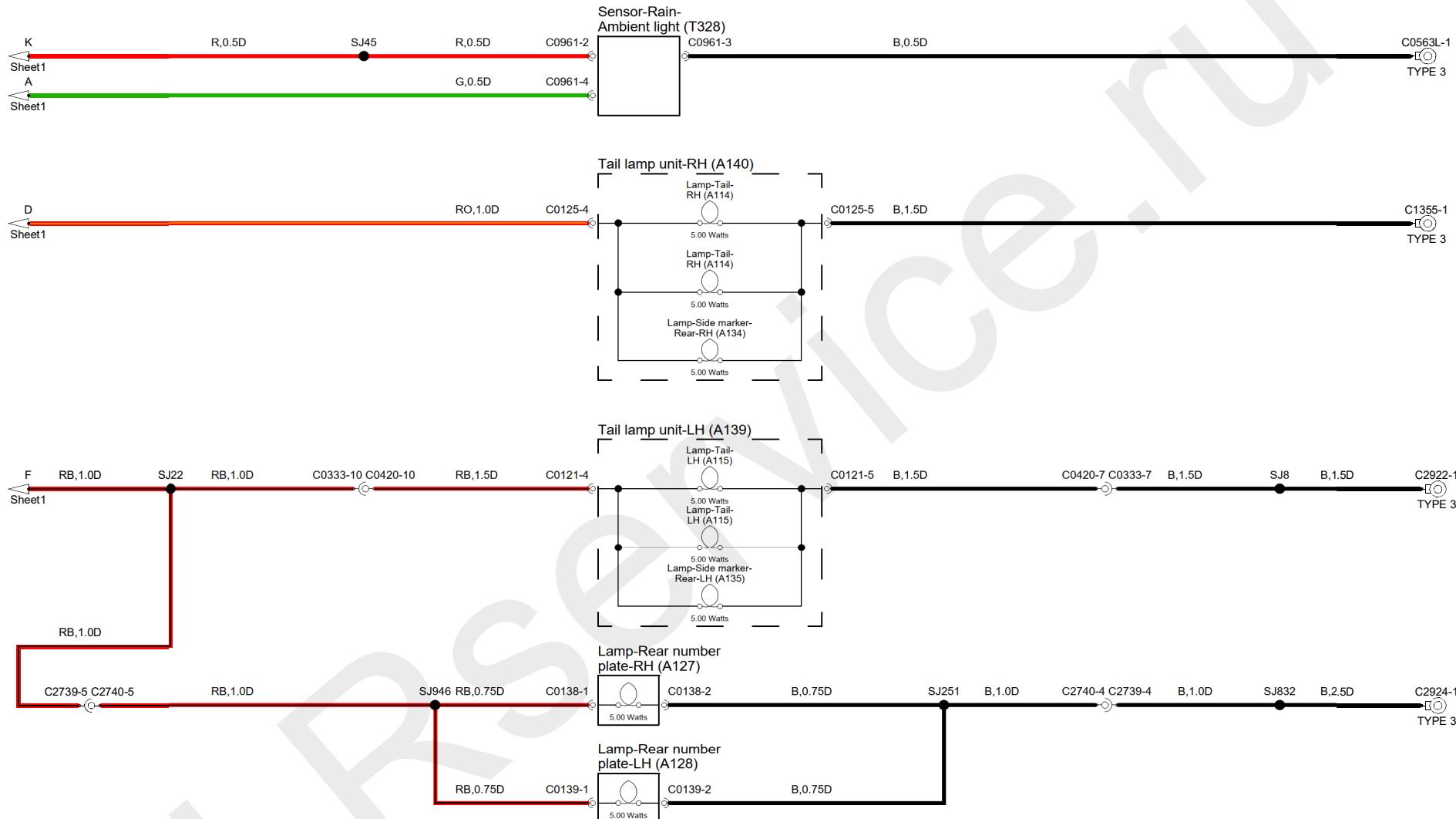


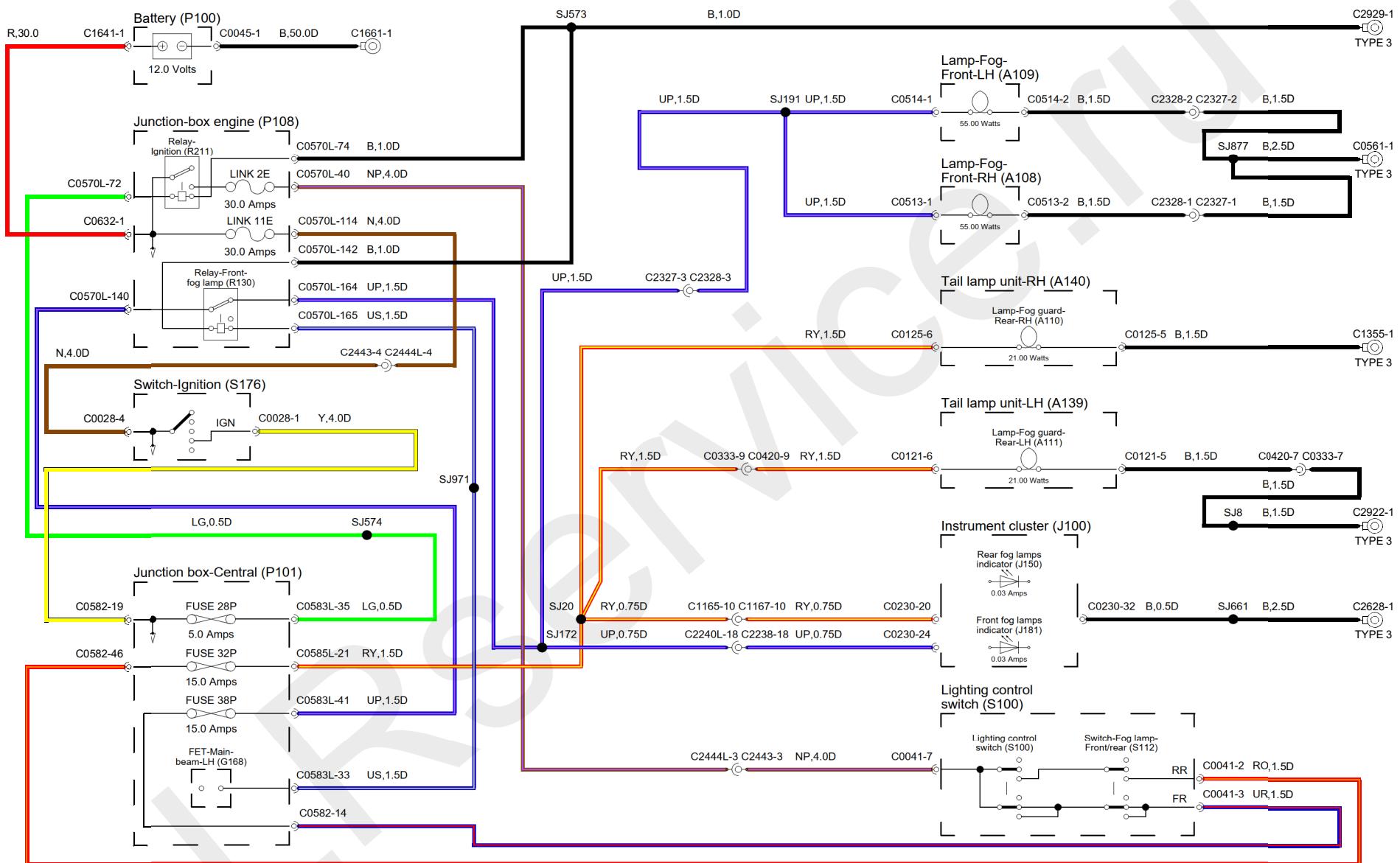


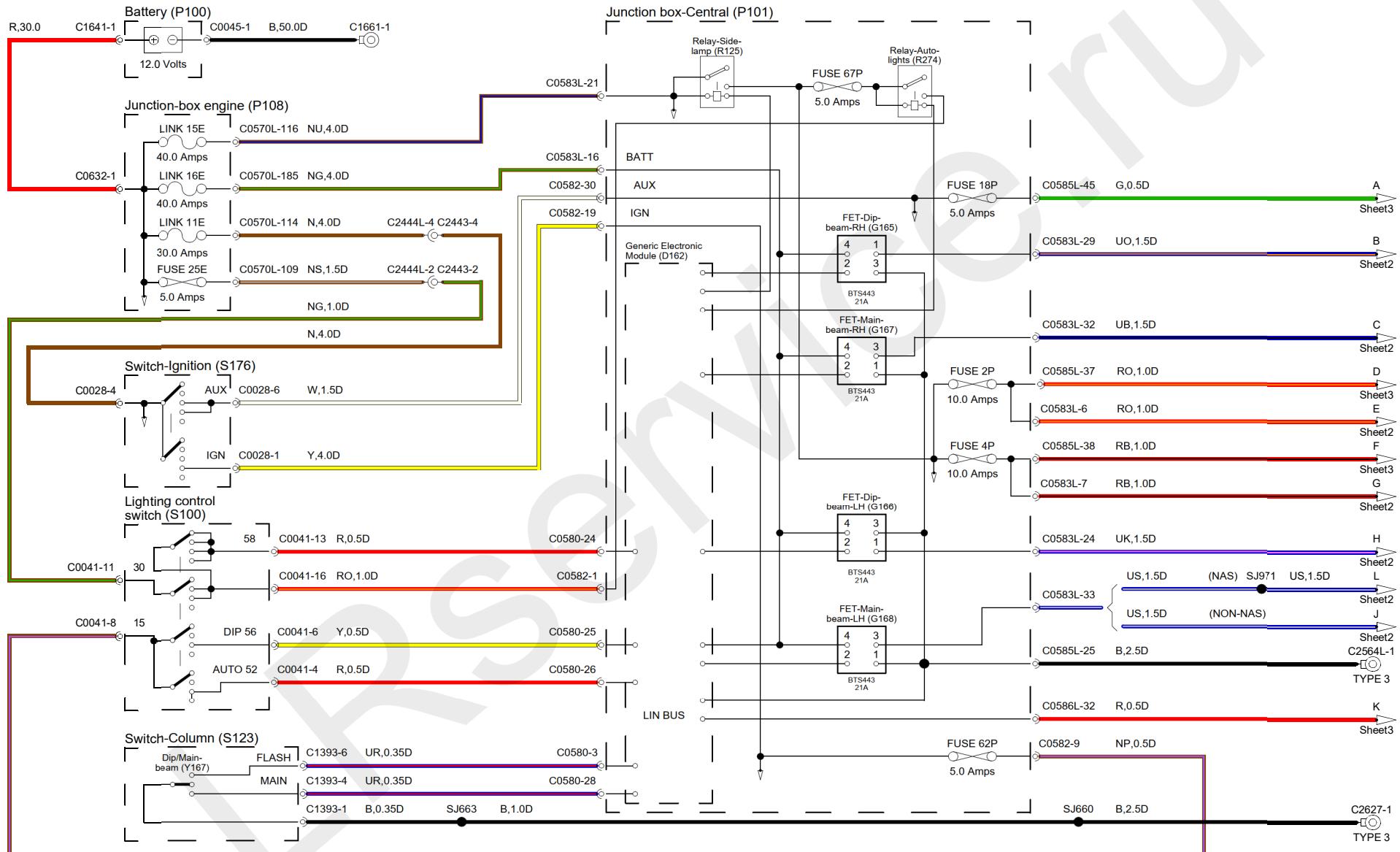


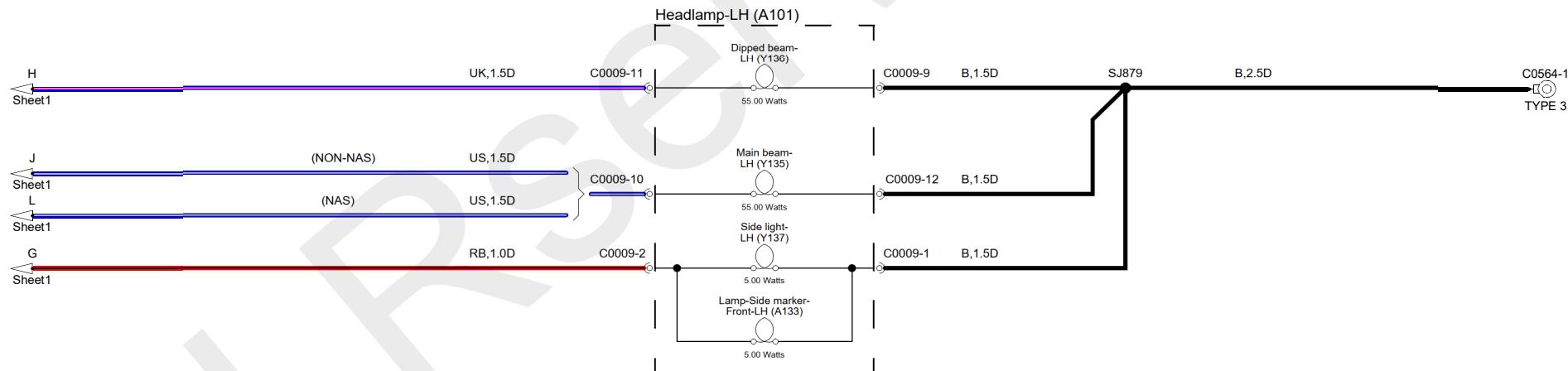
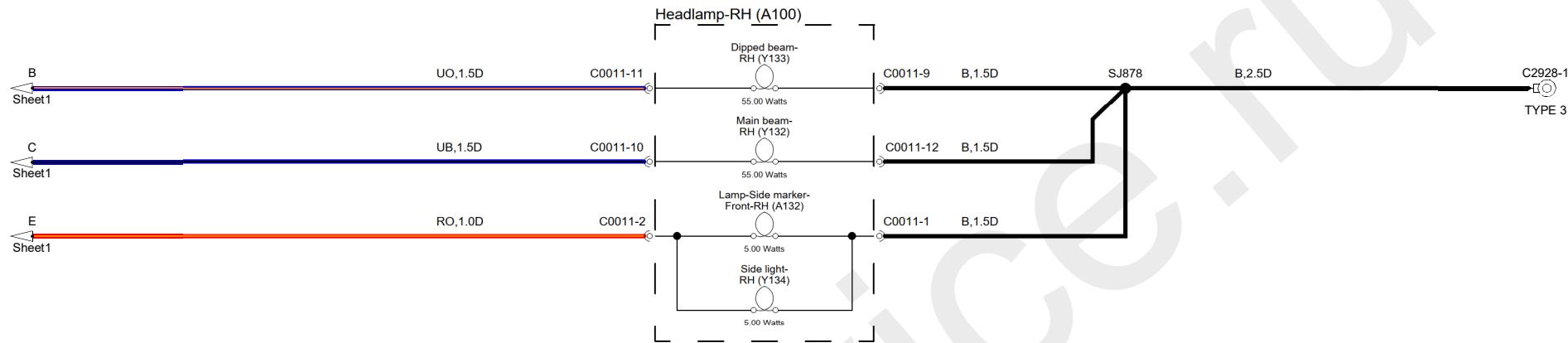


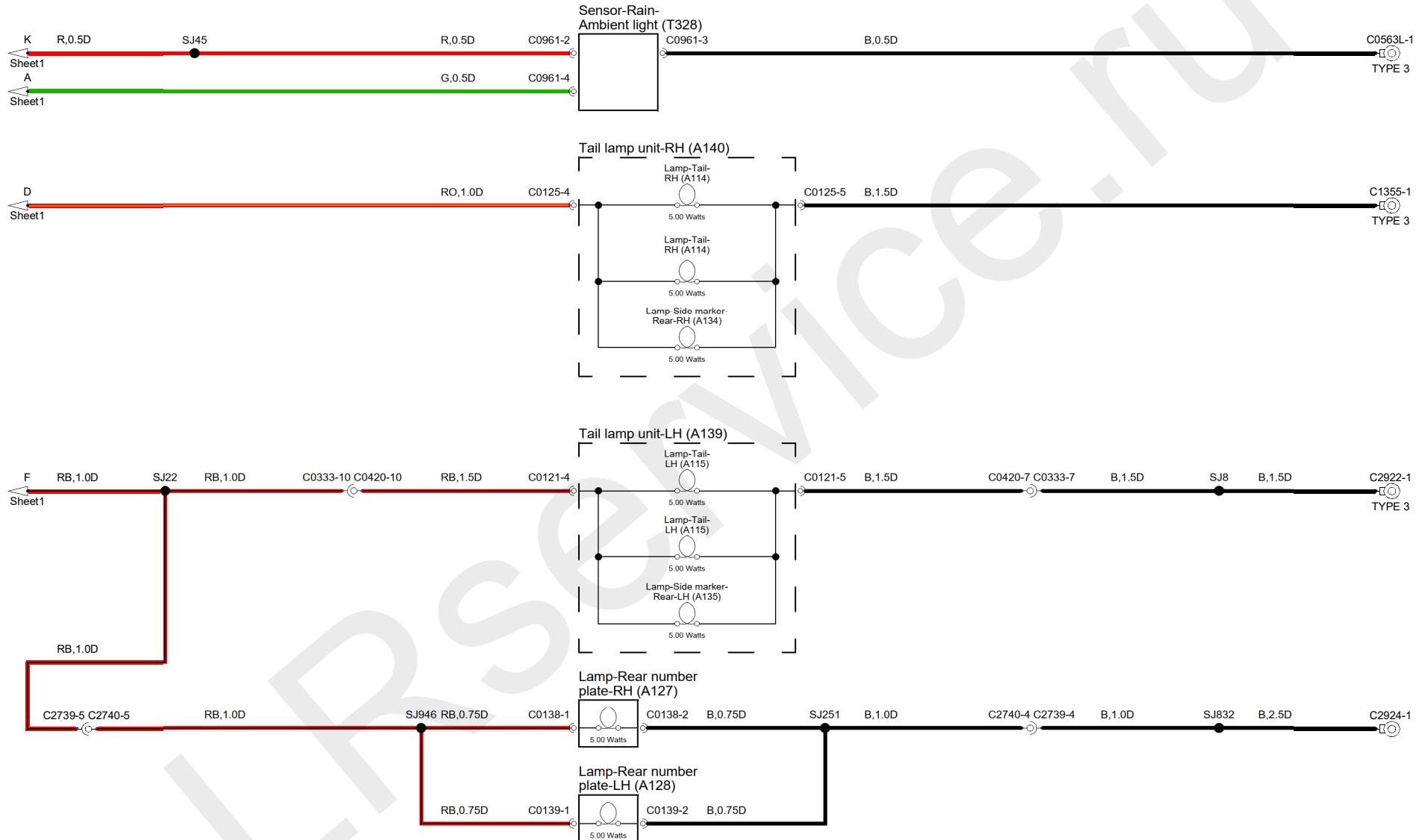


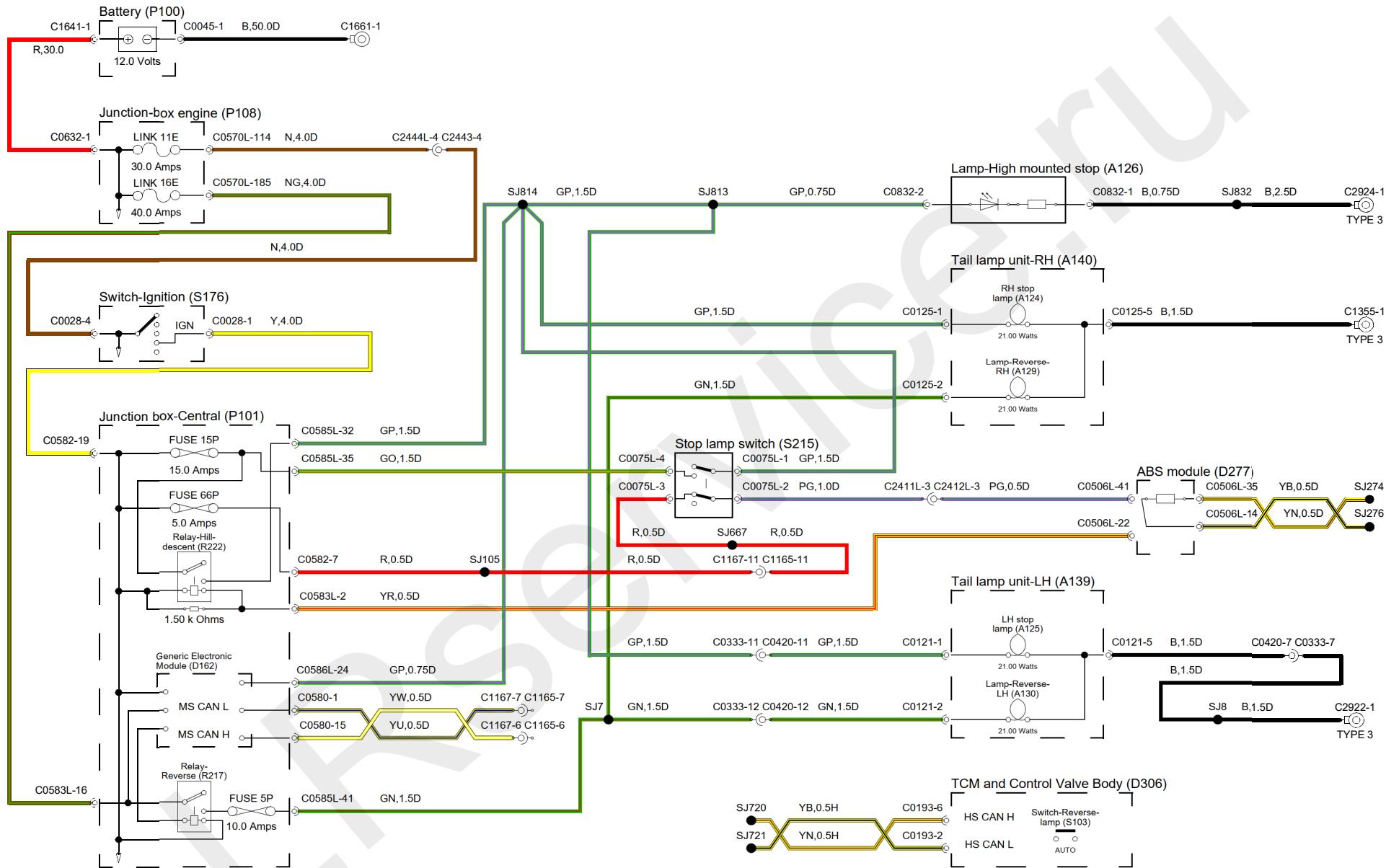


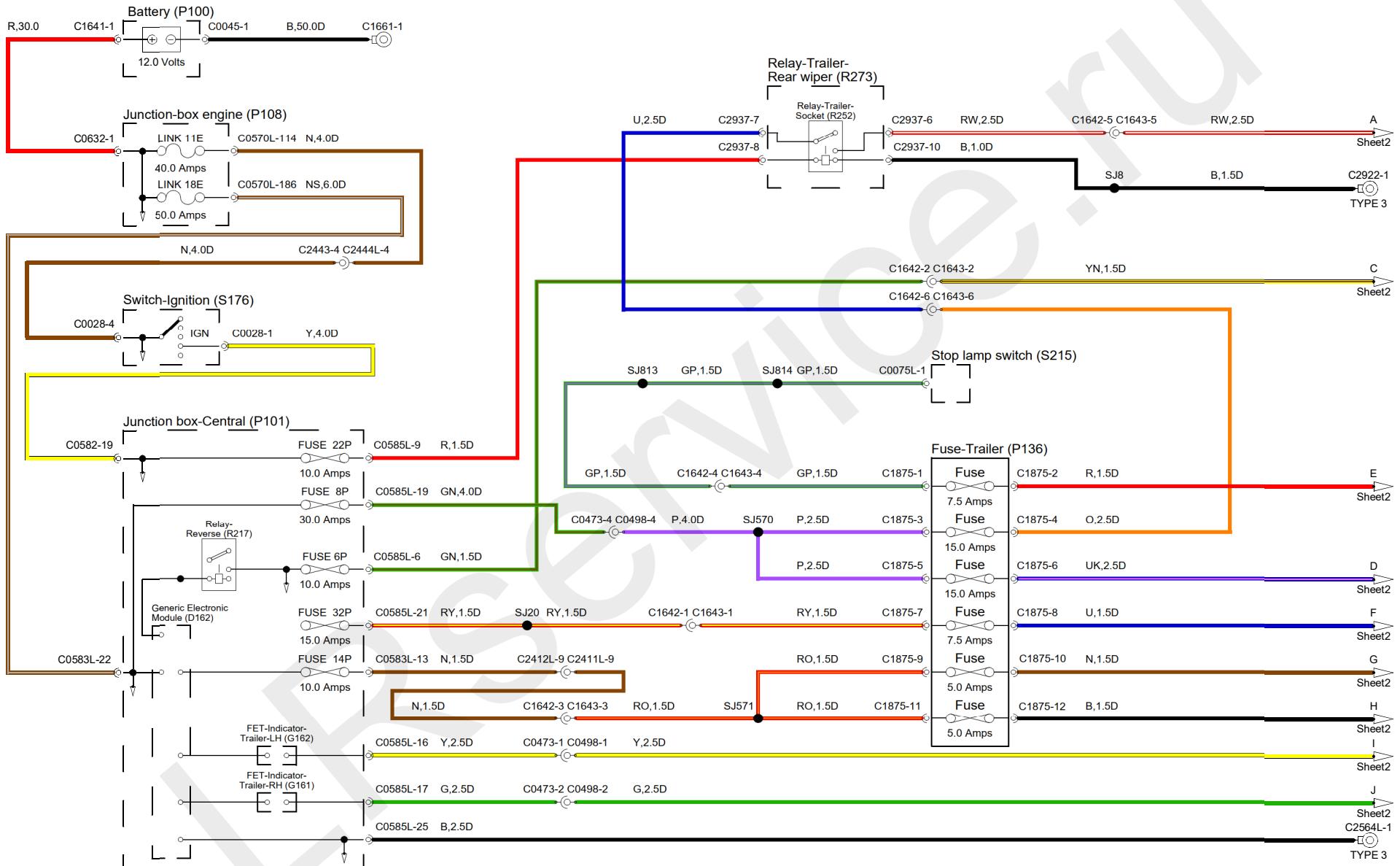


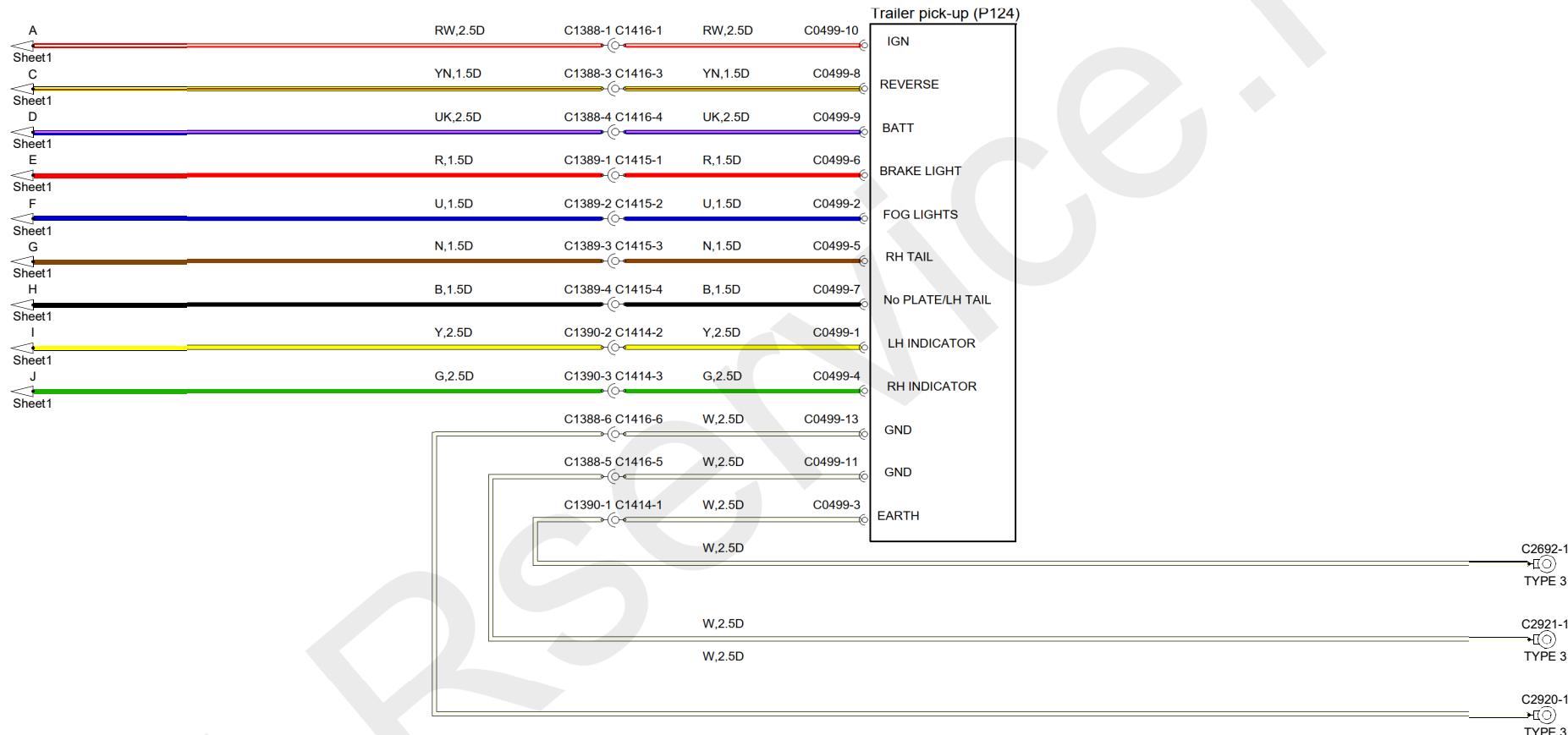


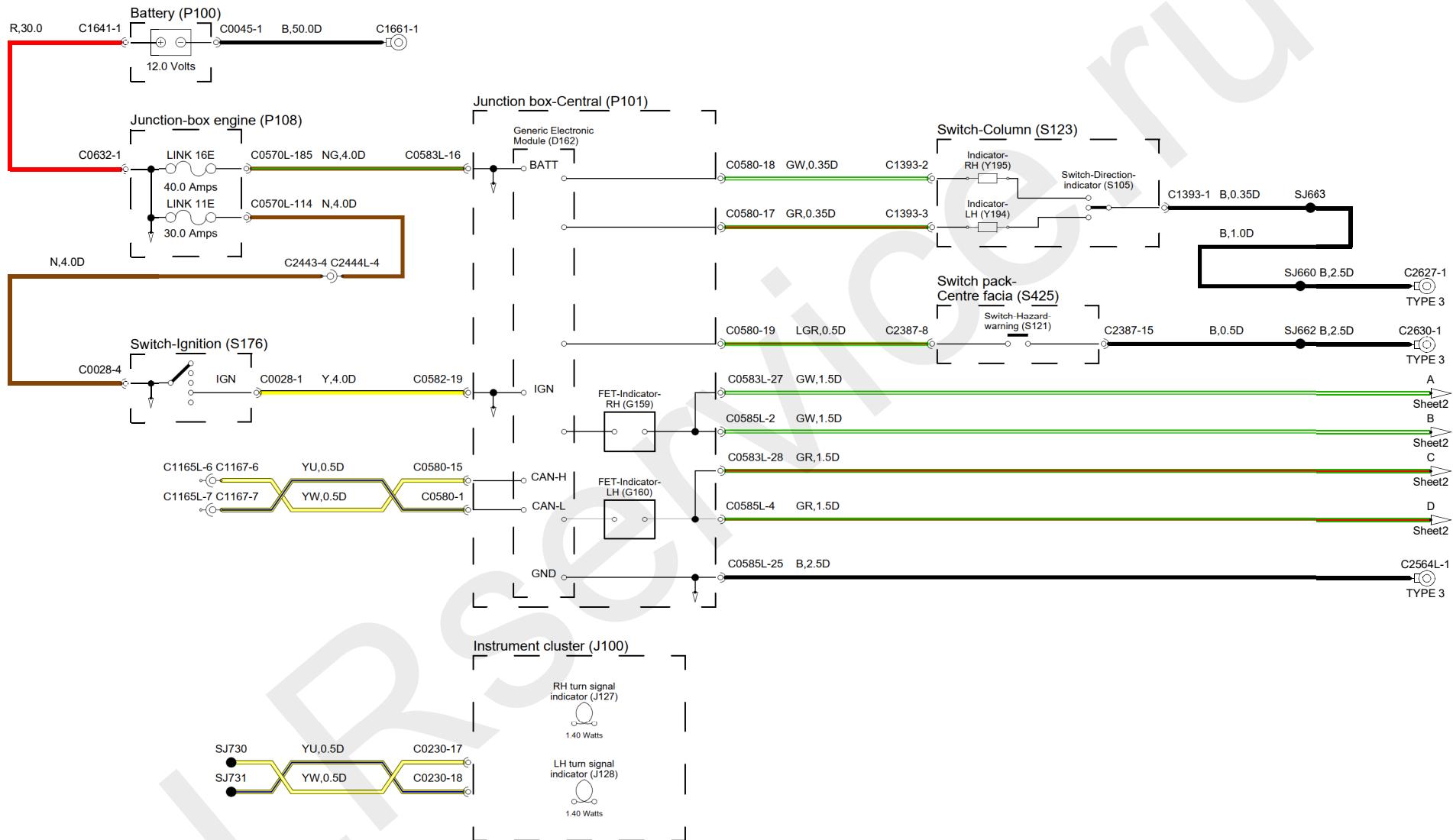


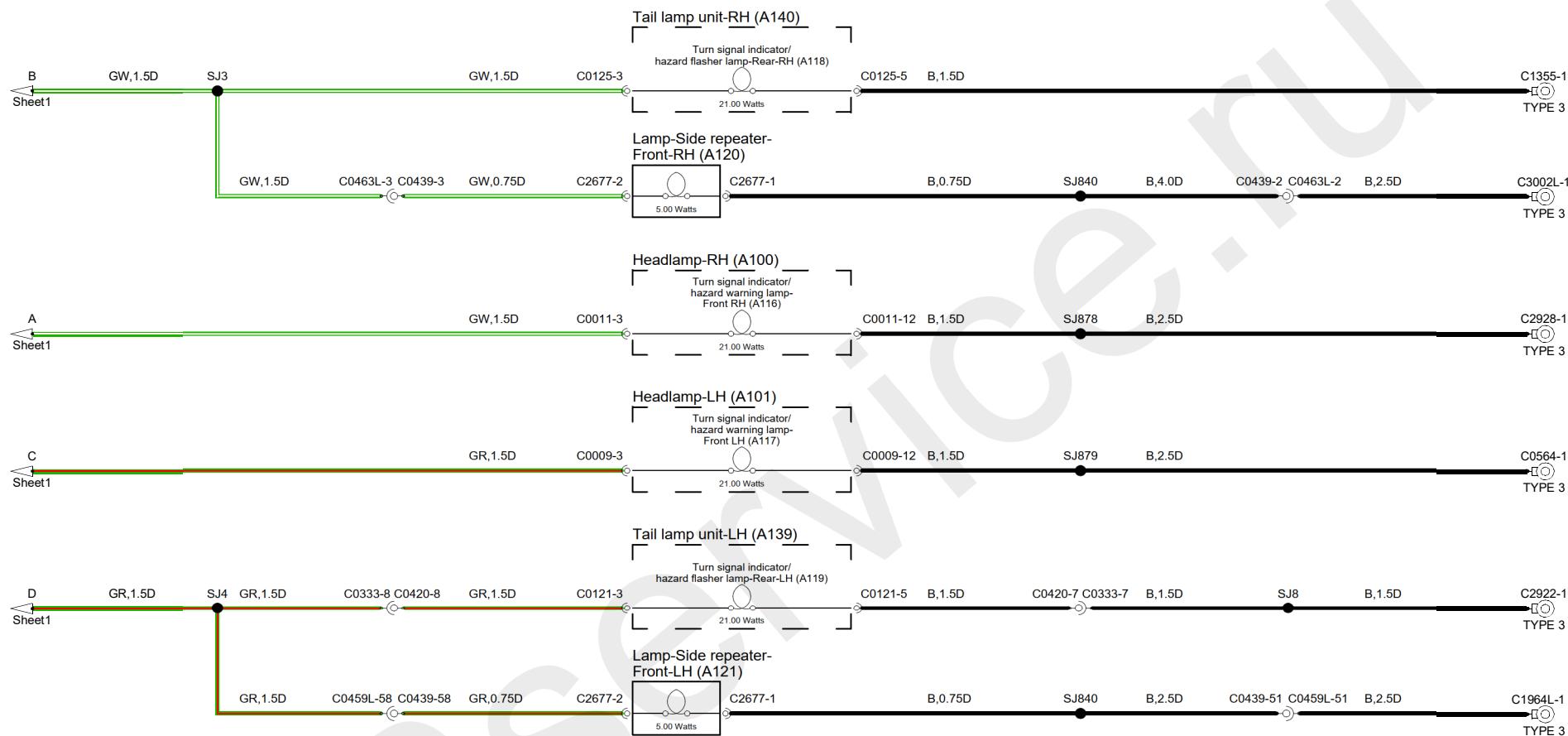


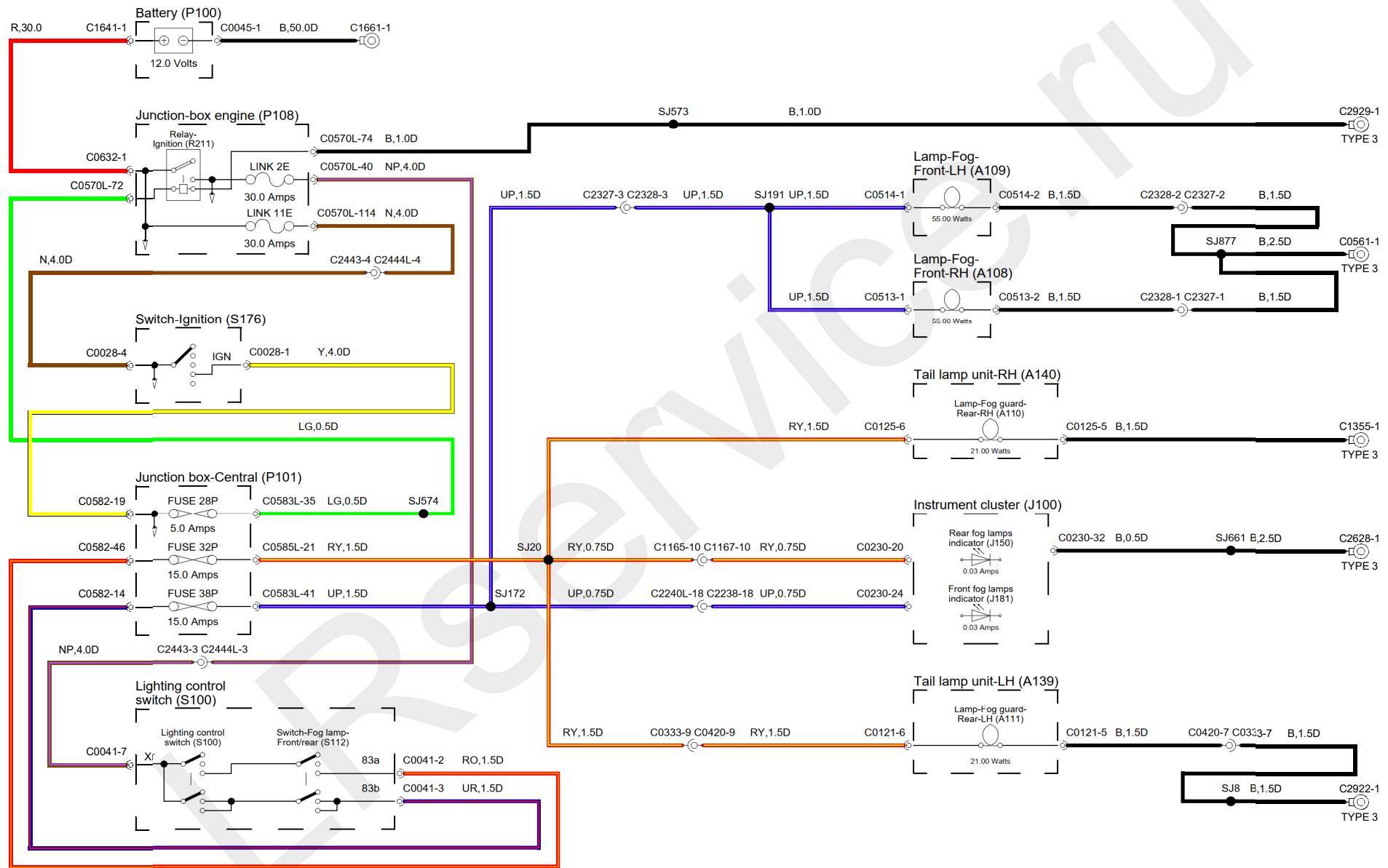




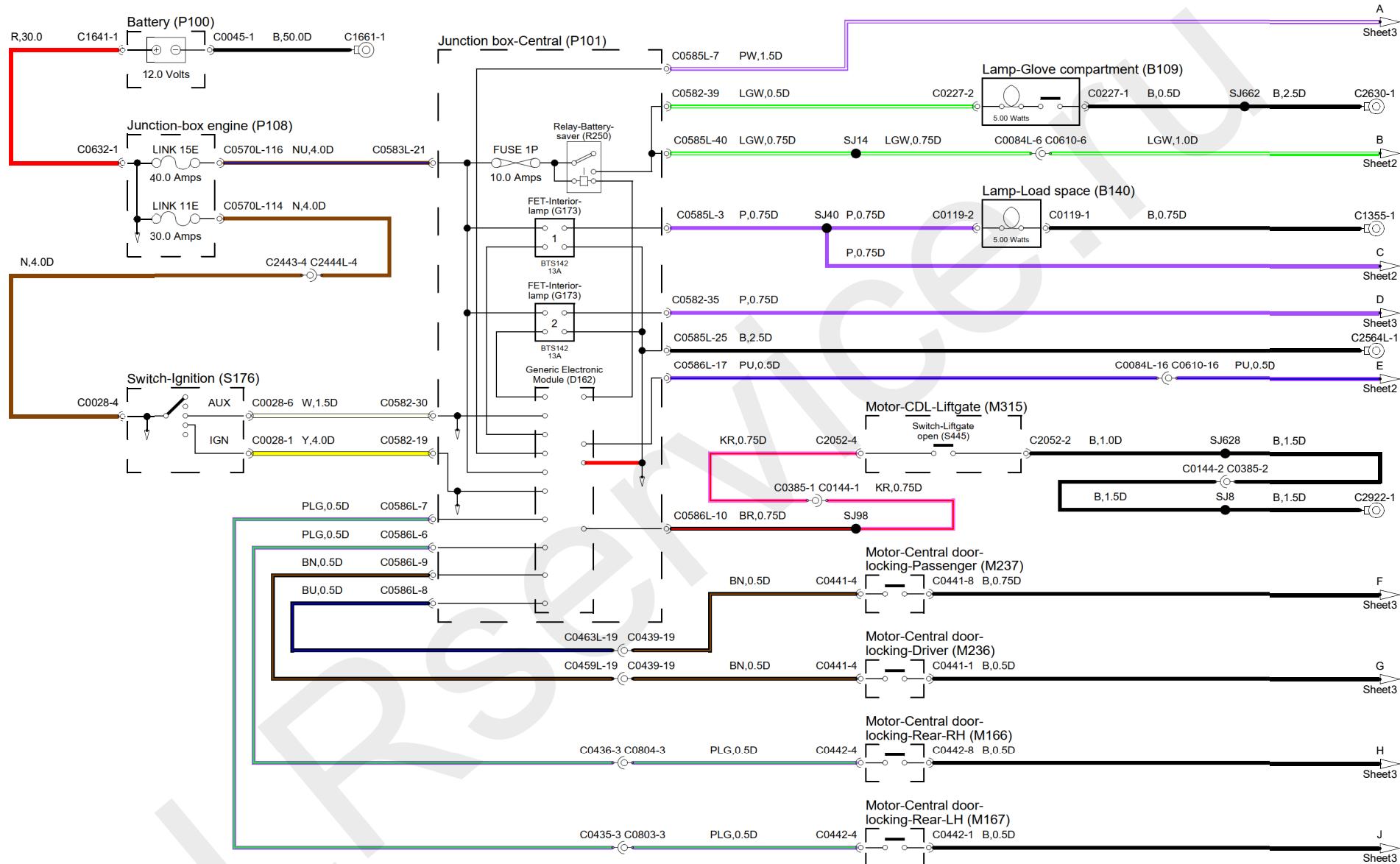




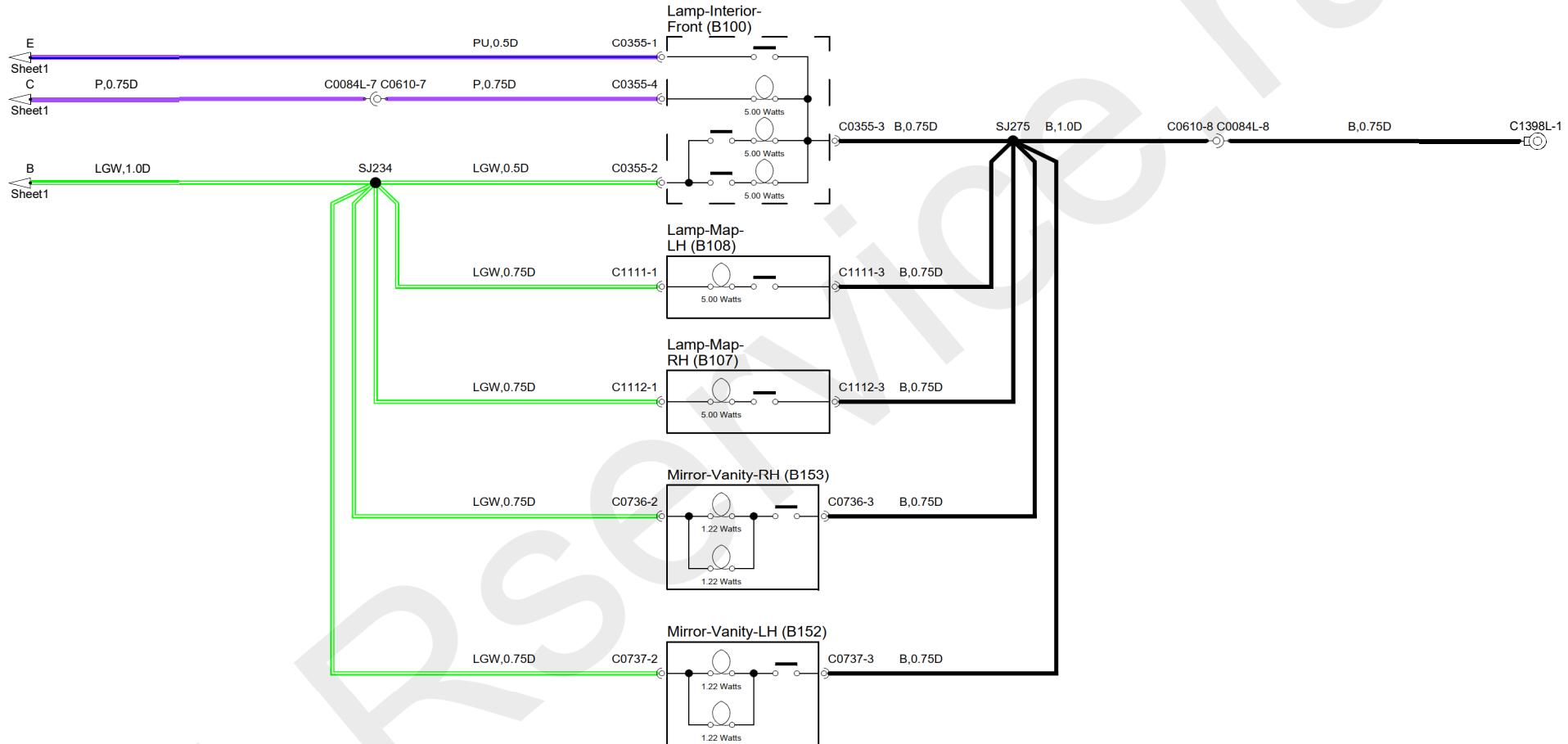




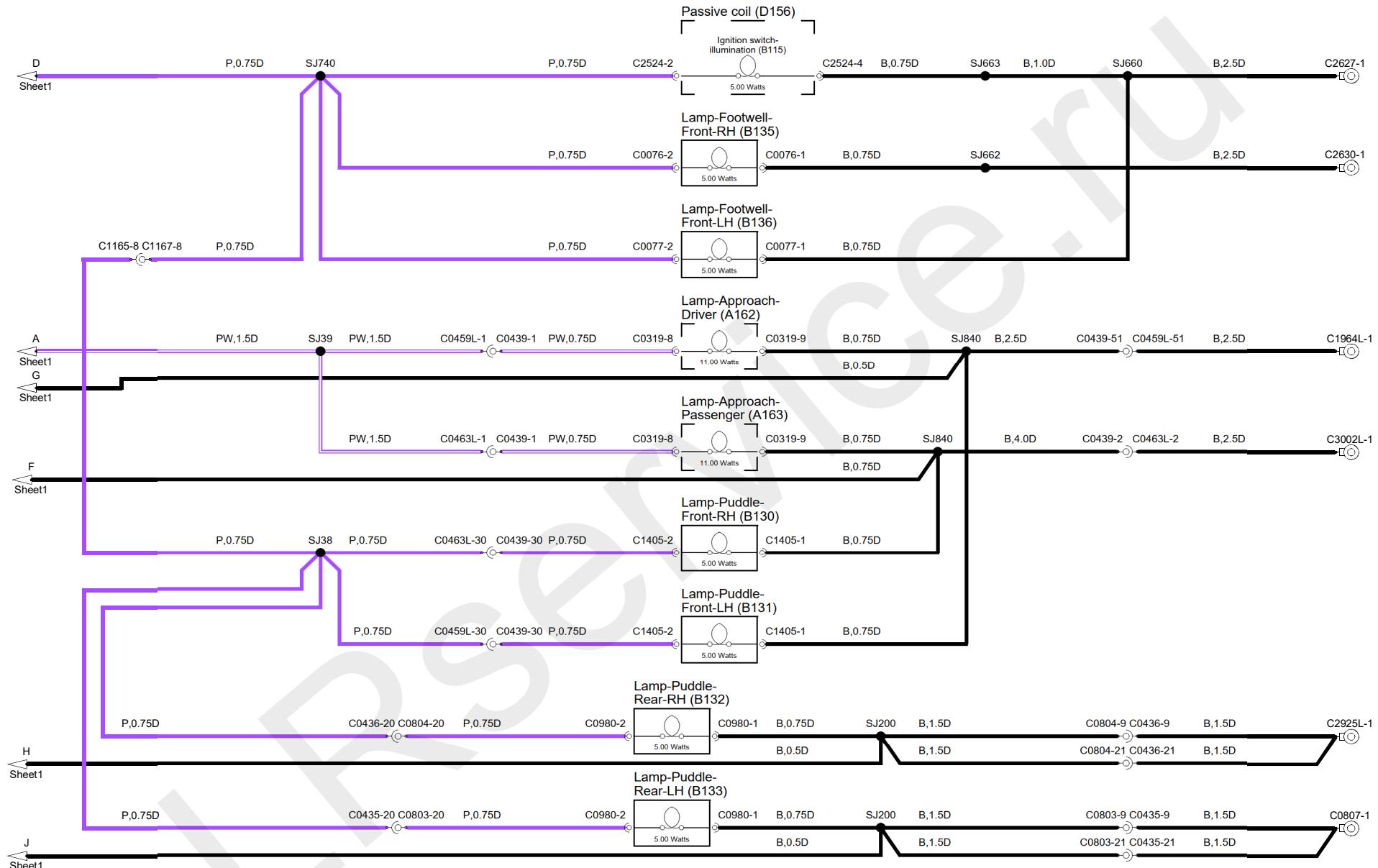
# 417-02 - INTERIOR LIGHTING

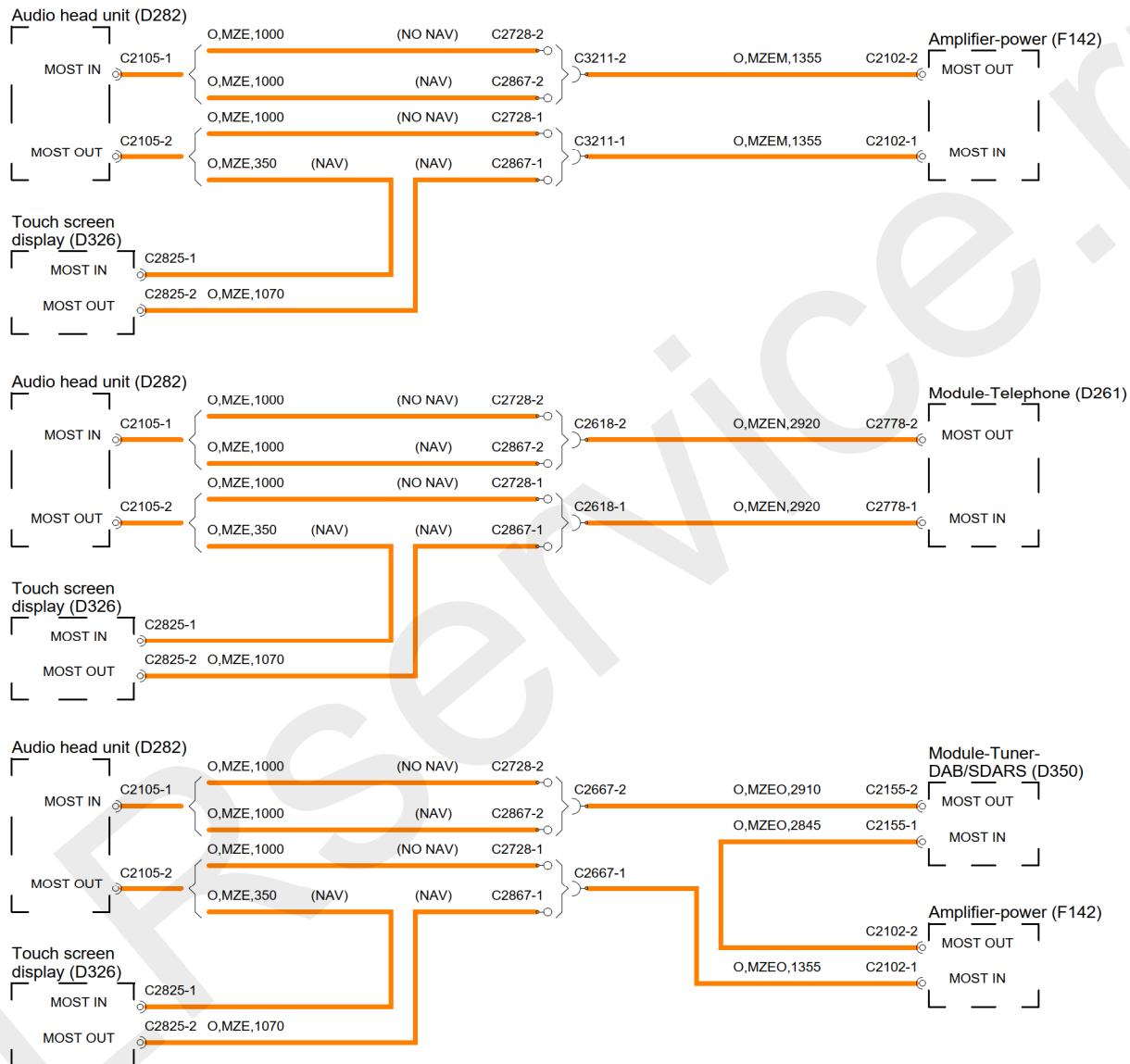


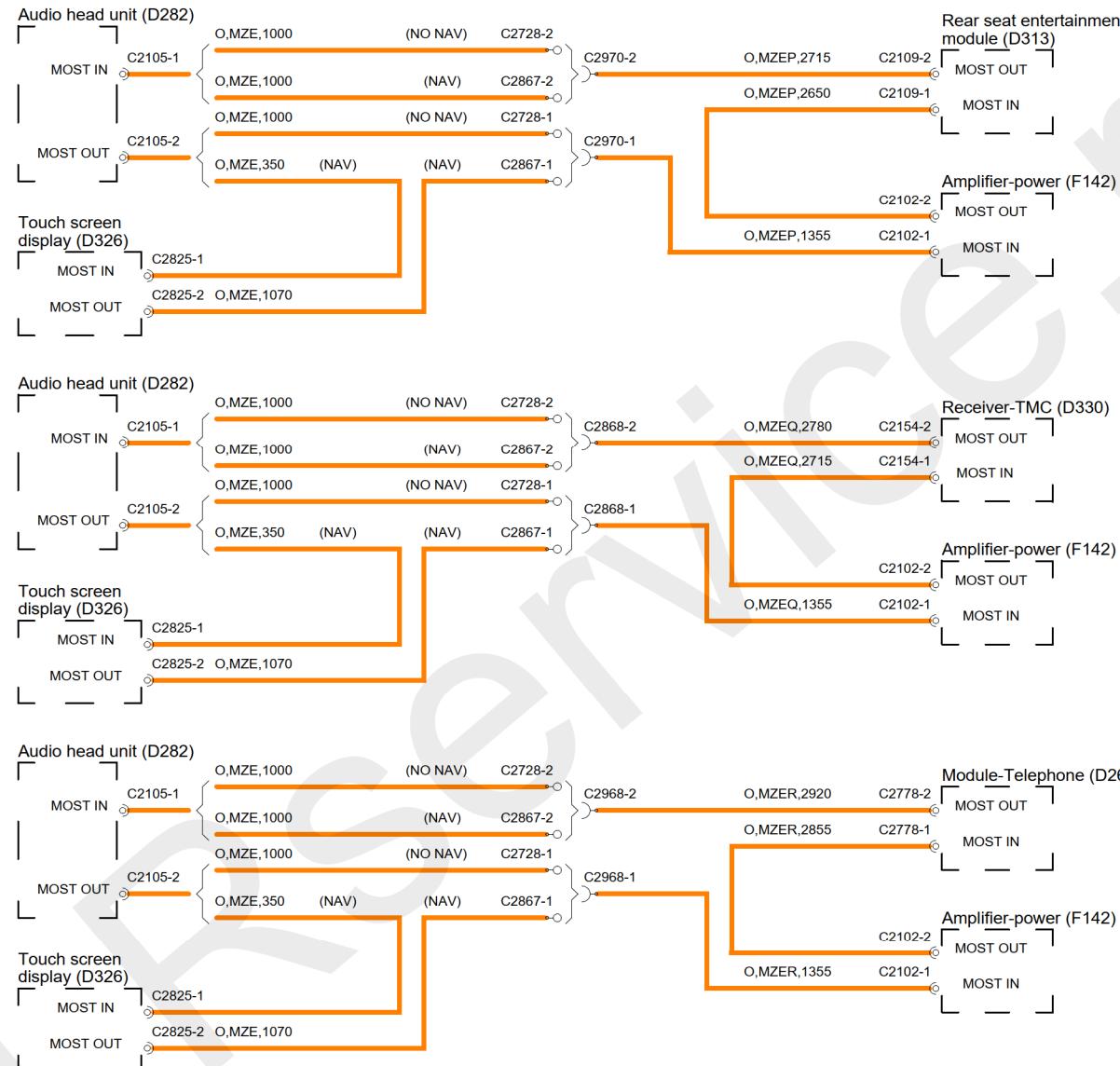
## 417-02 - INTERIOR LIGHTING

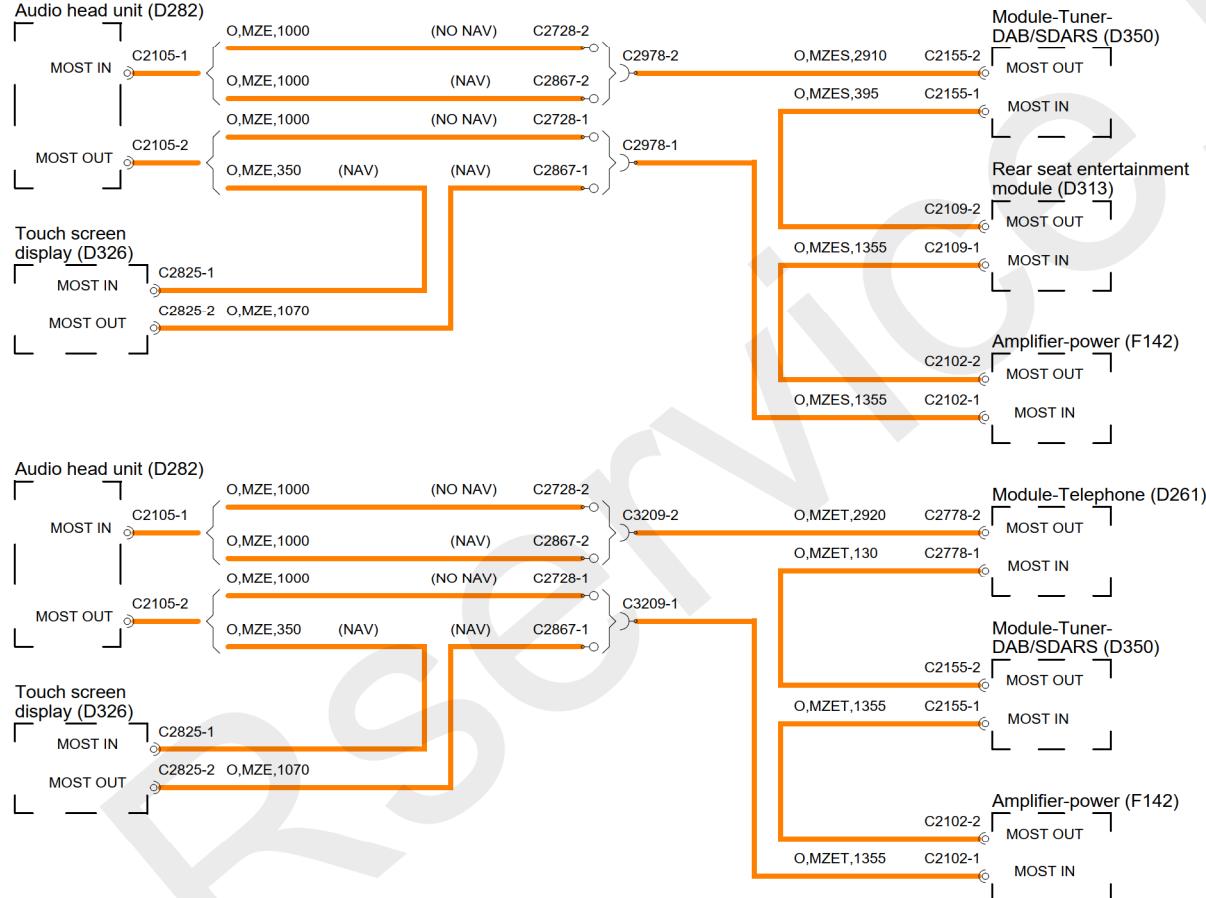


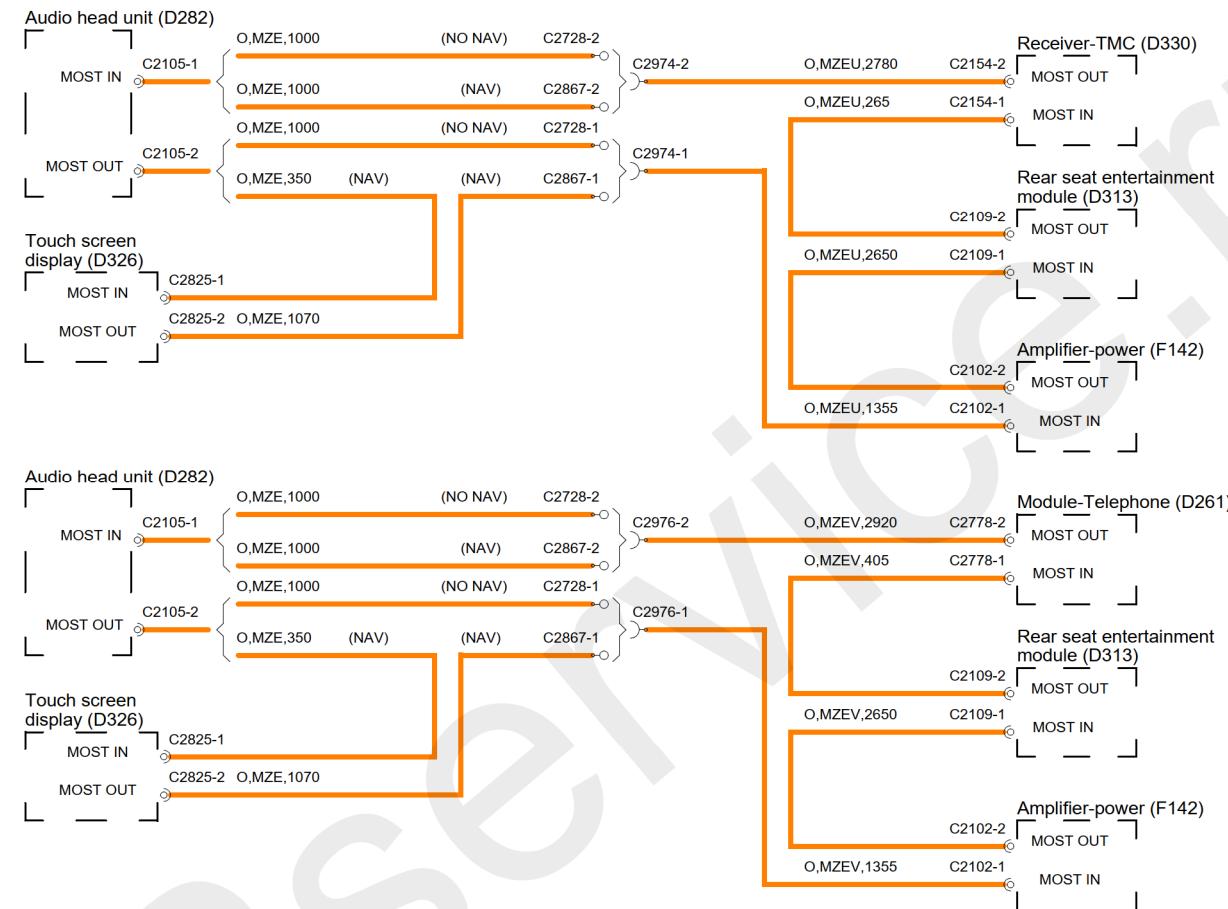
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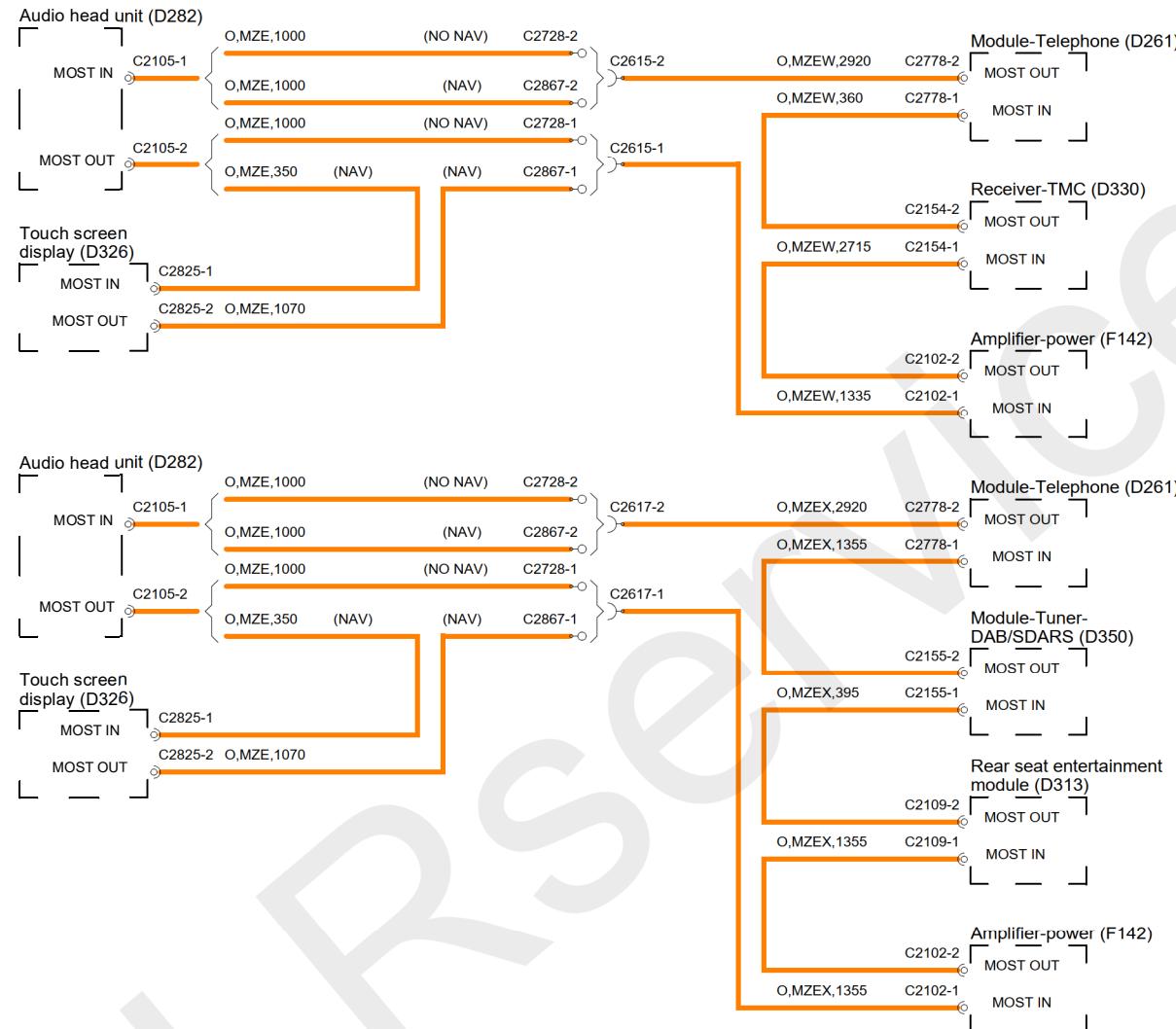


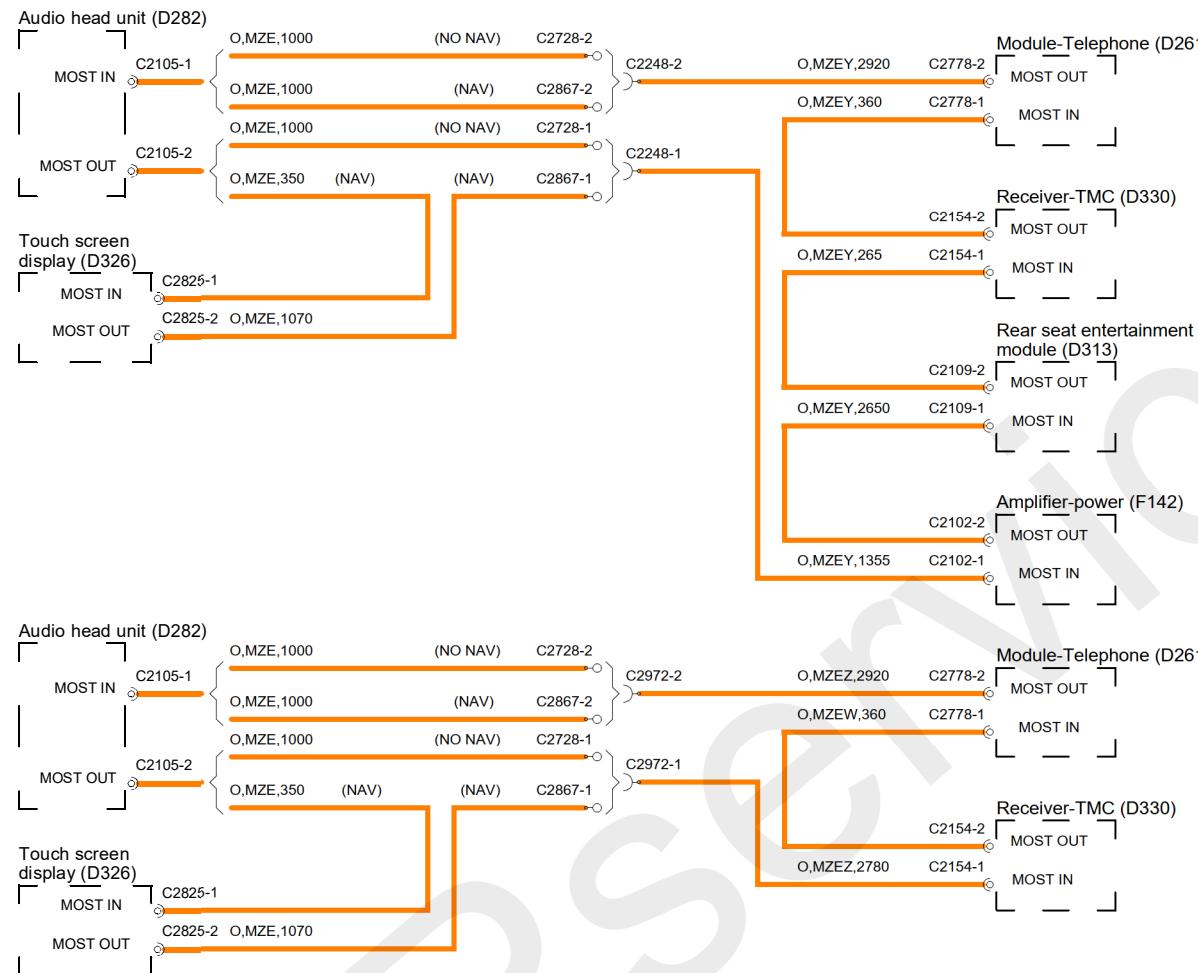


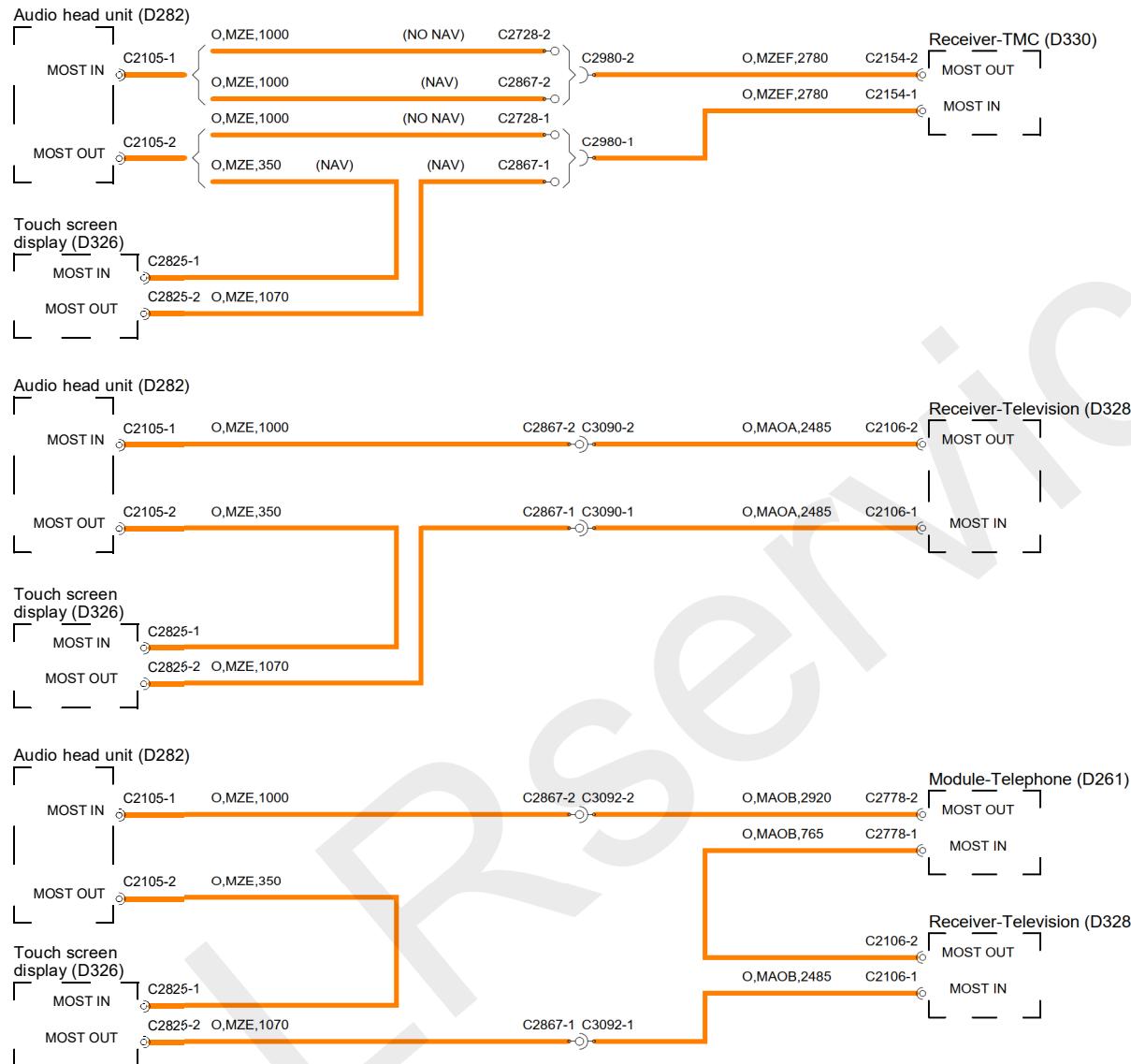


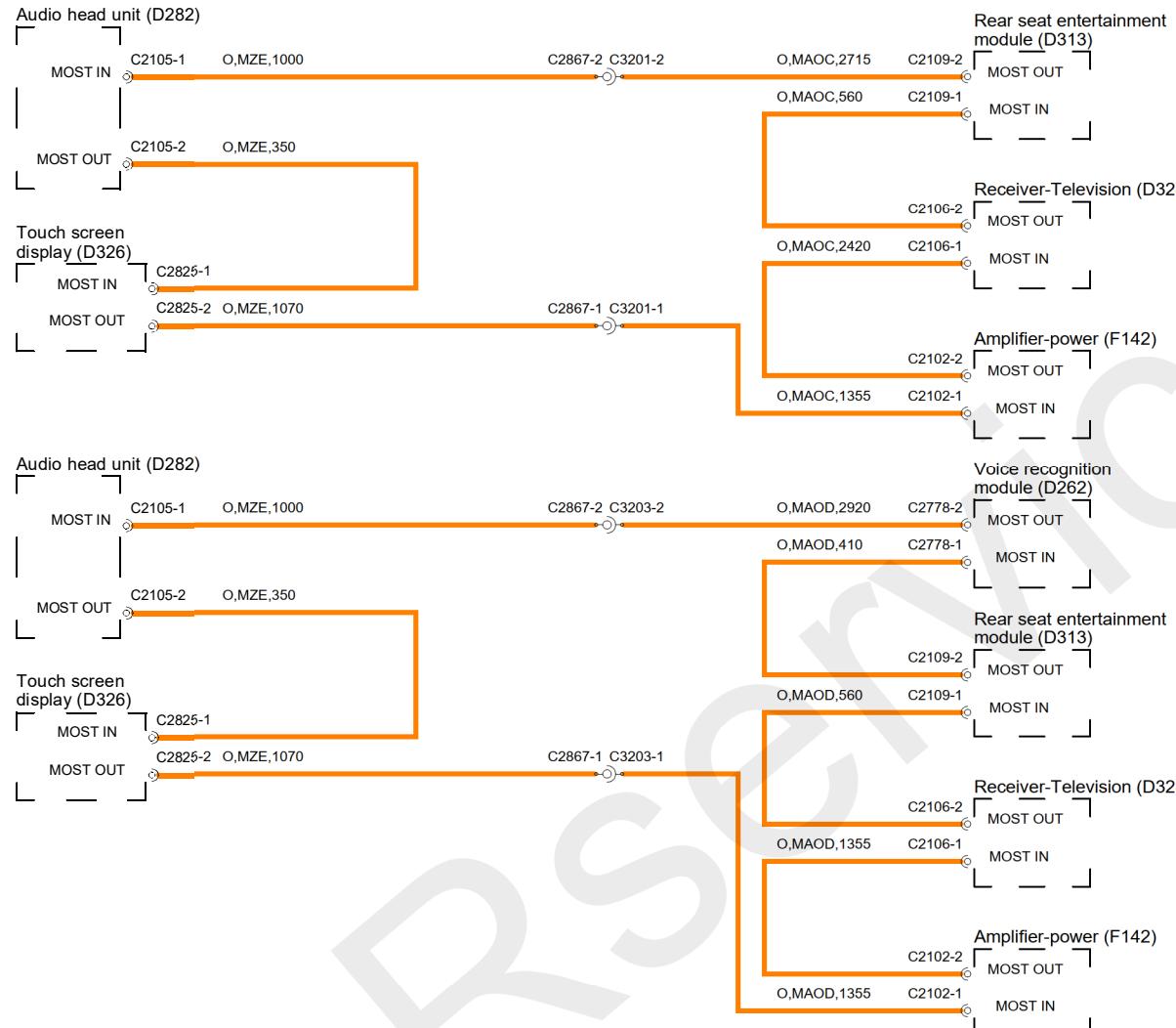


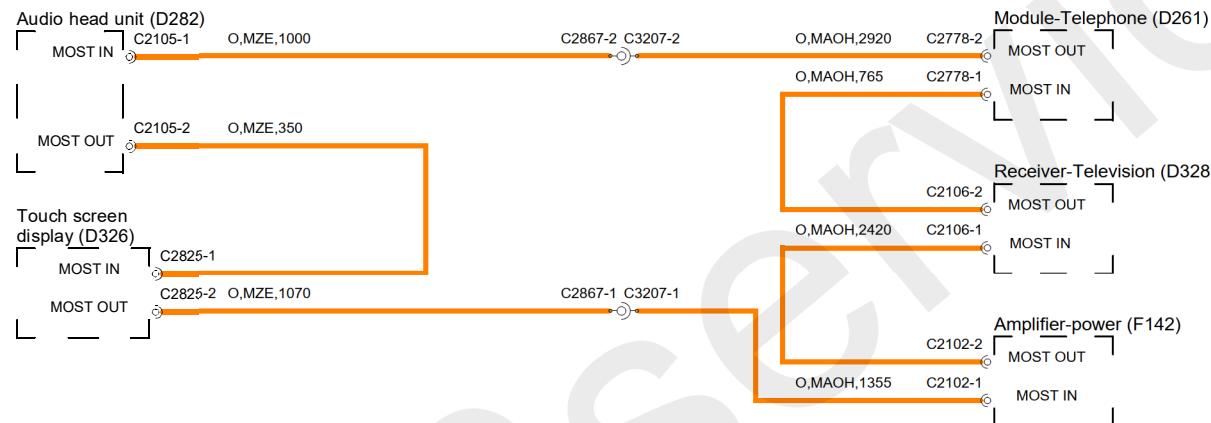
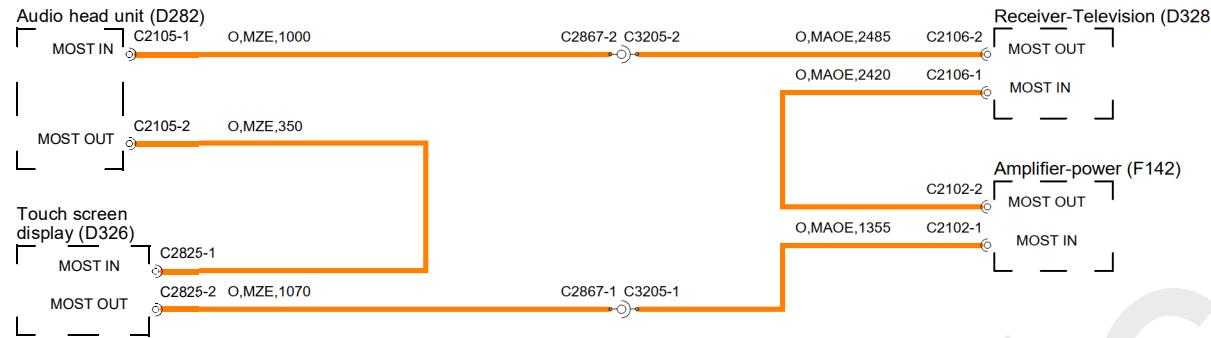


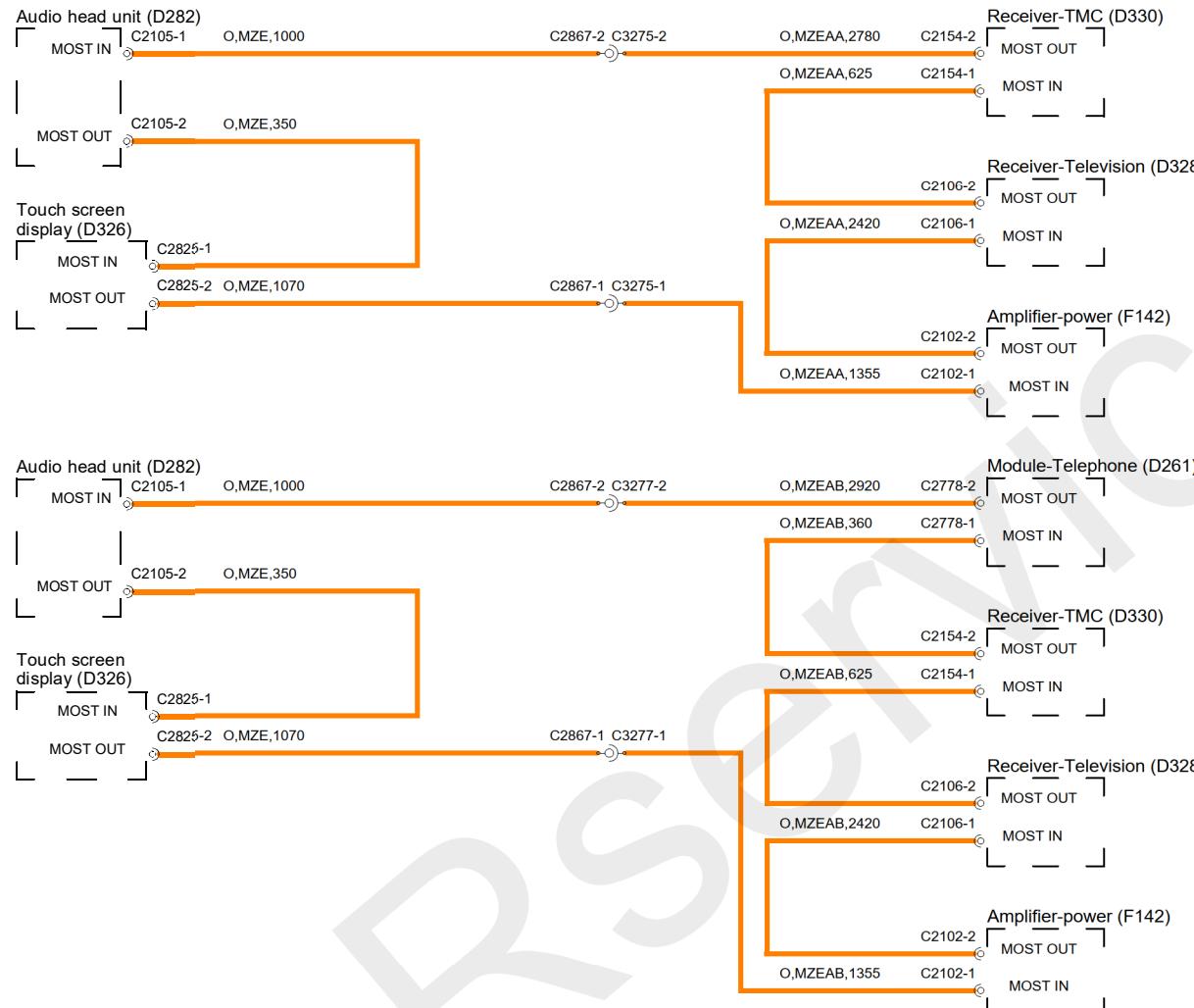


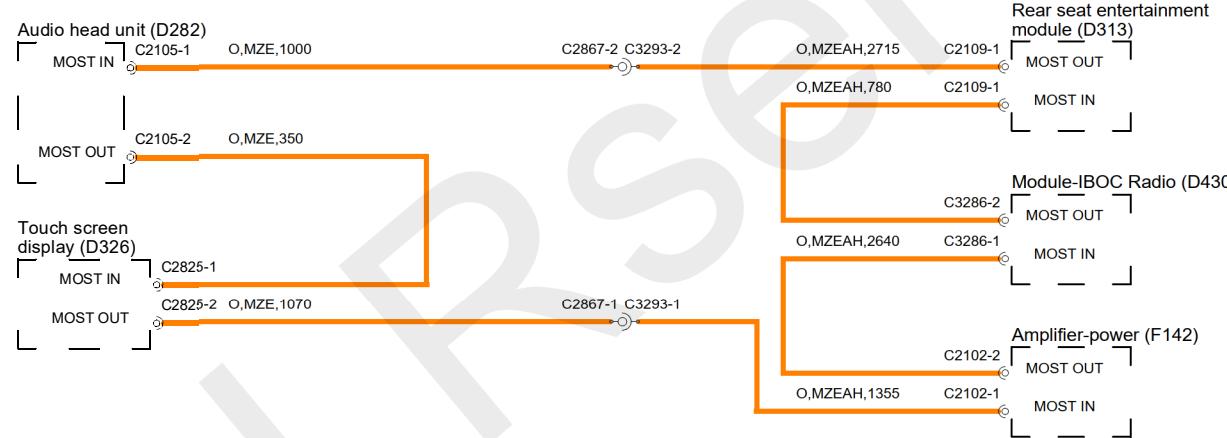
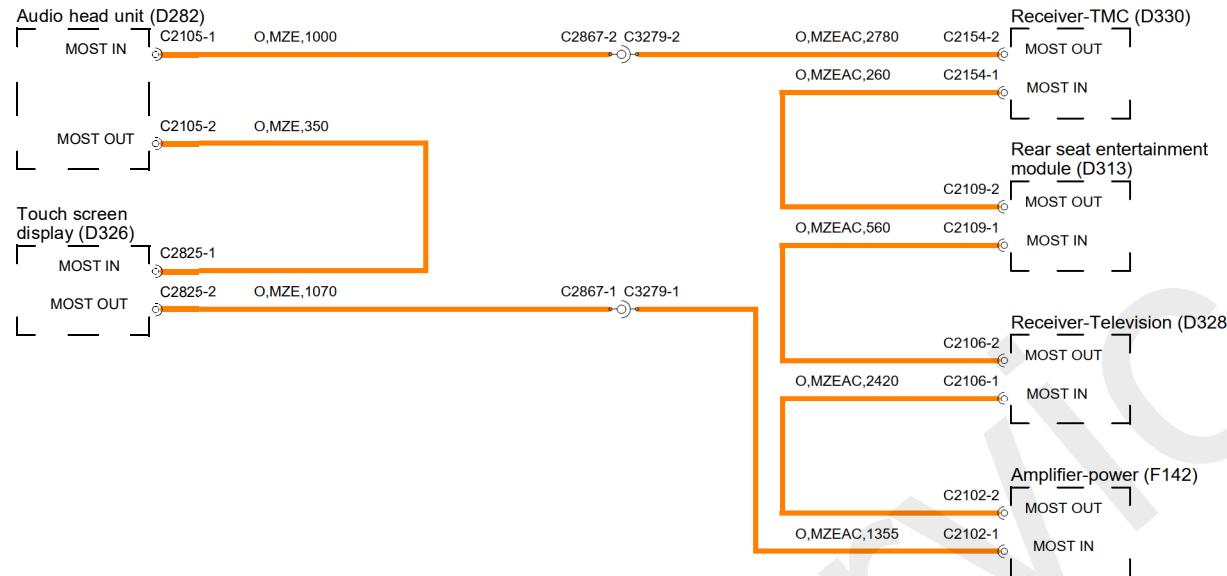


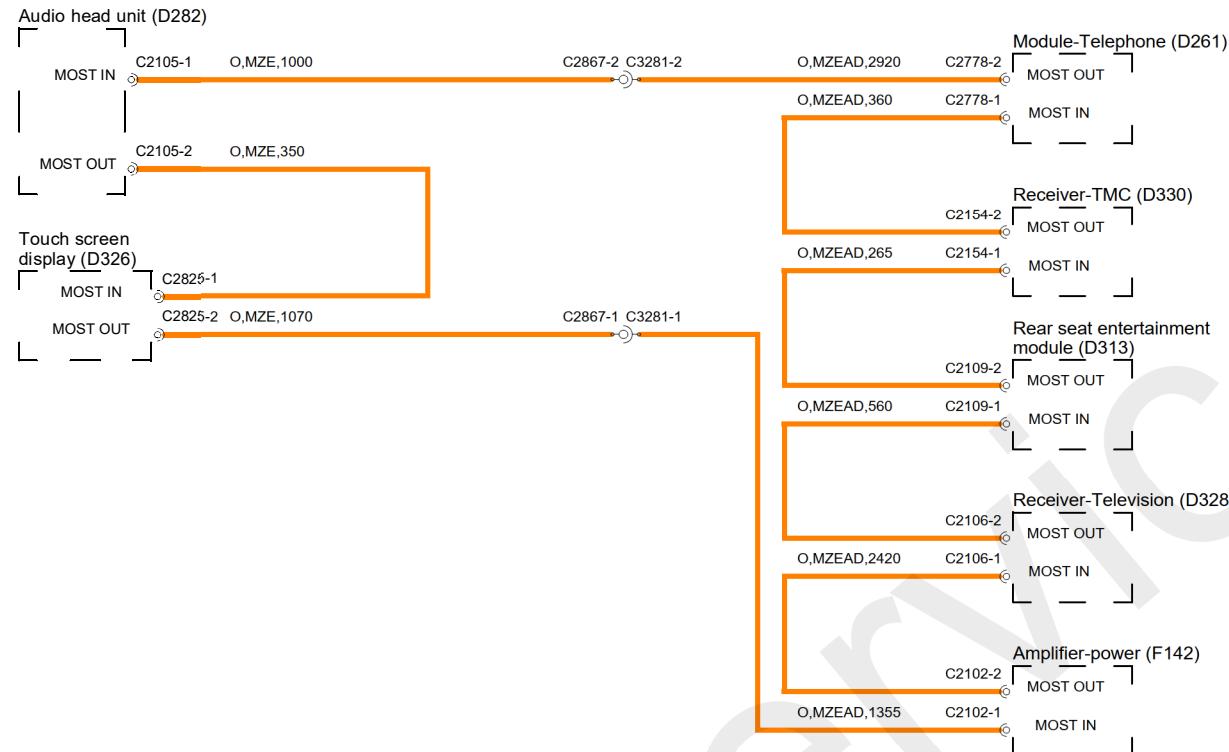


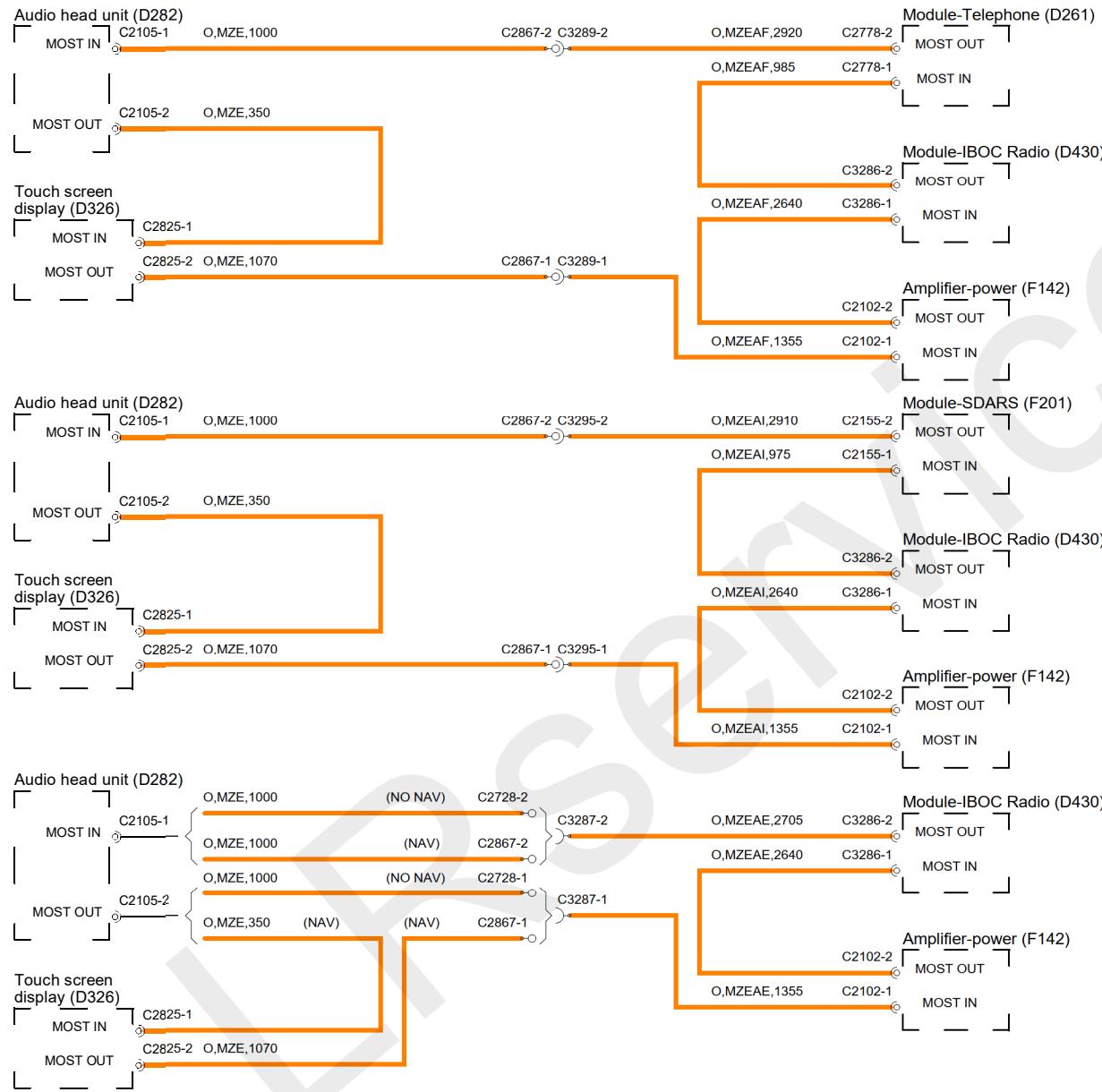


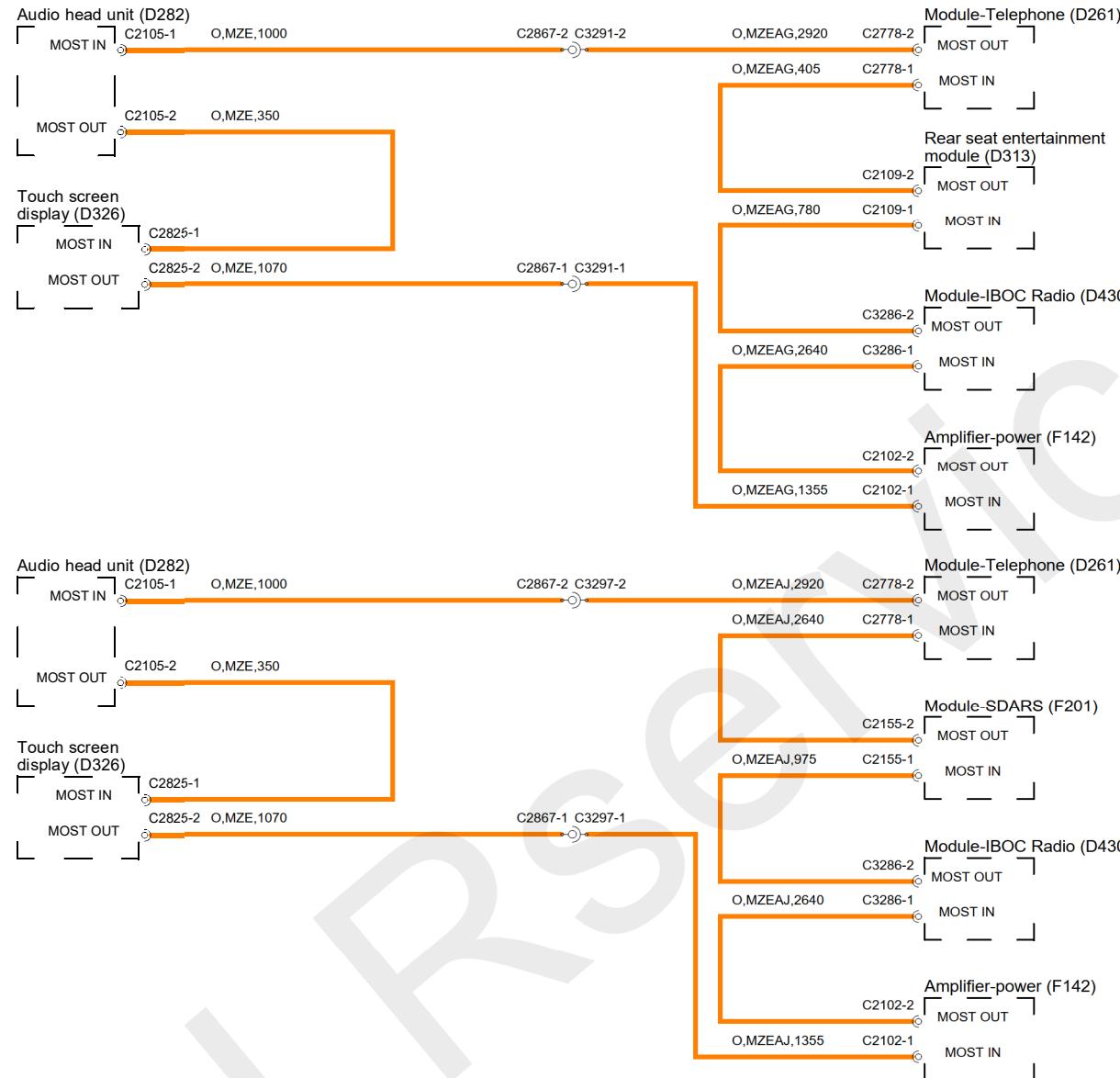


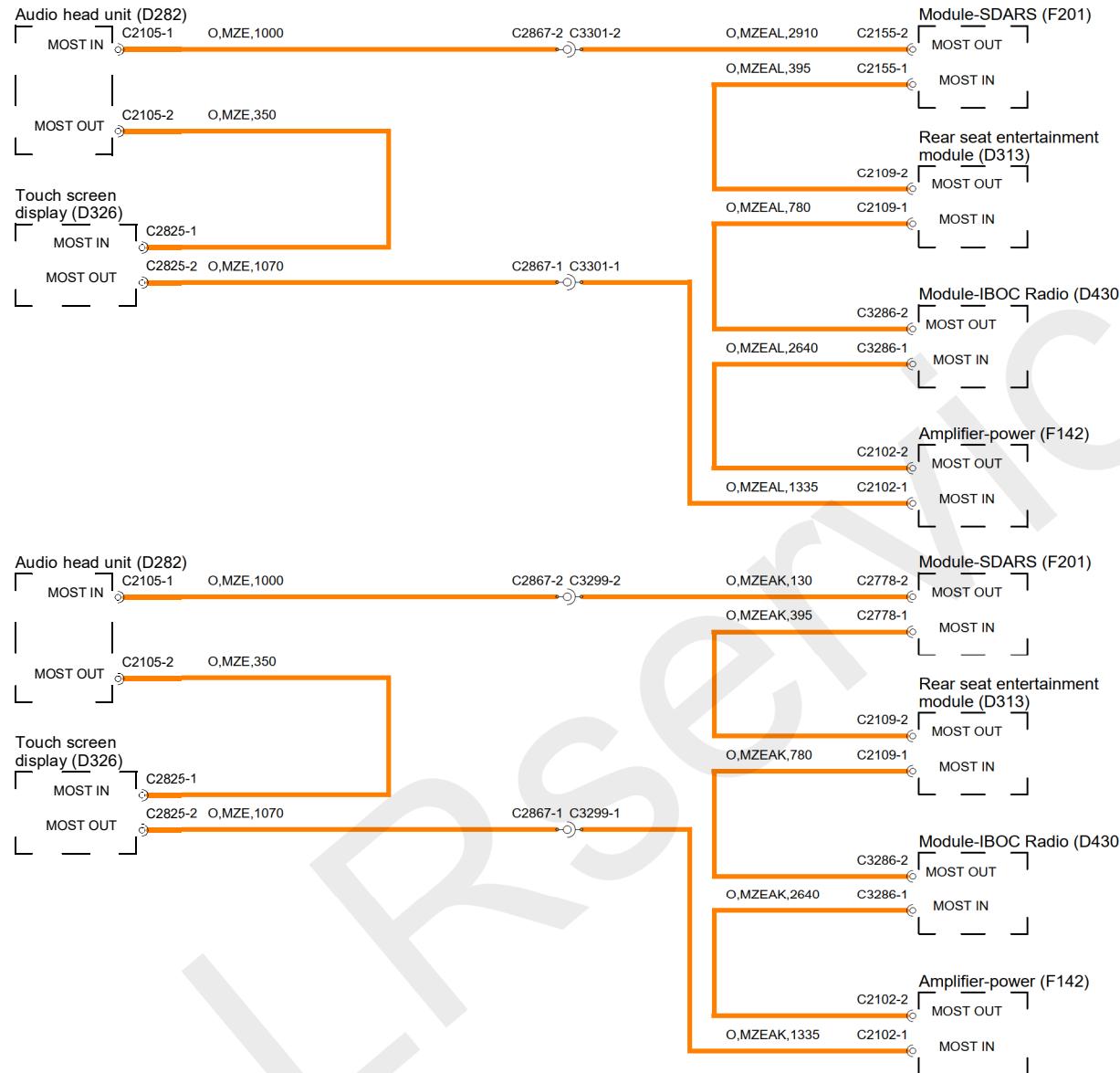


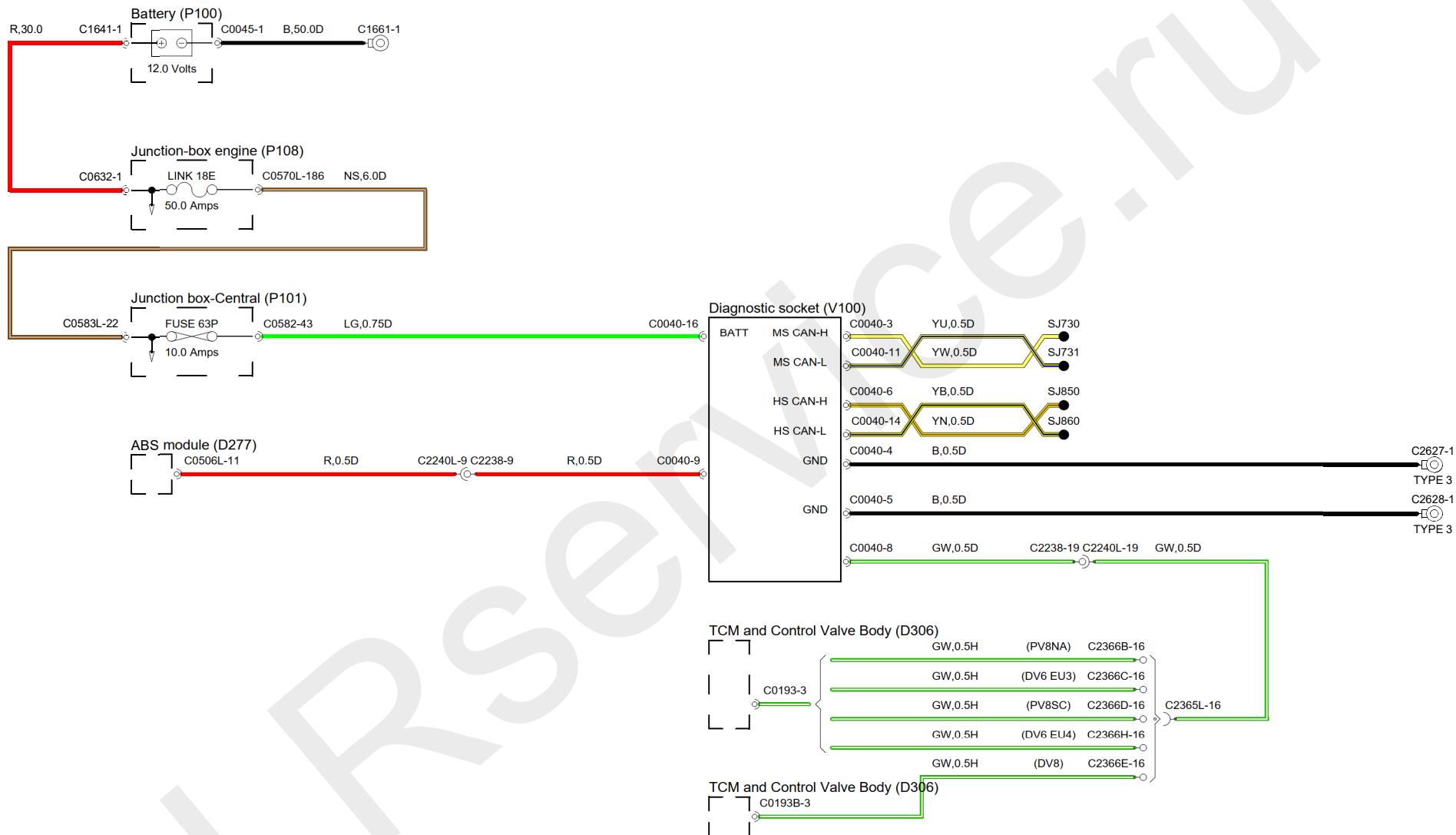


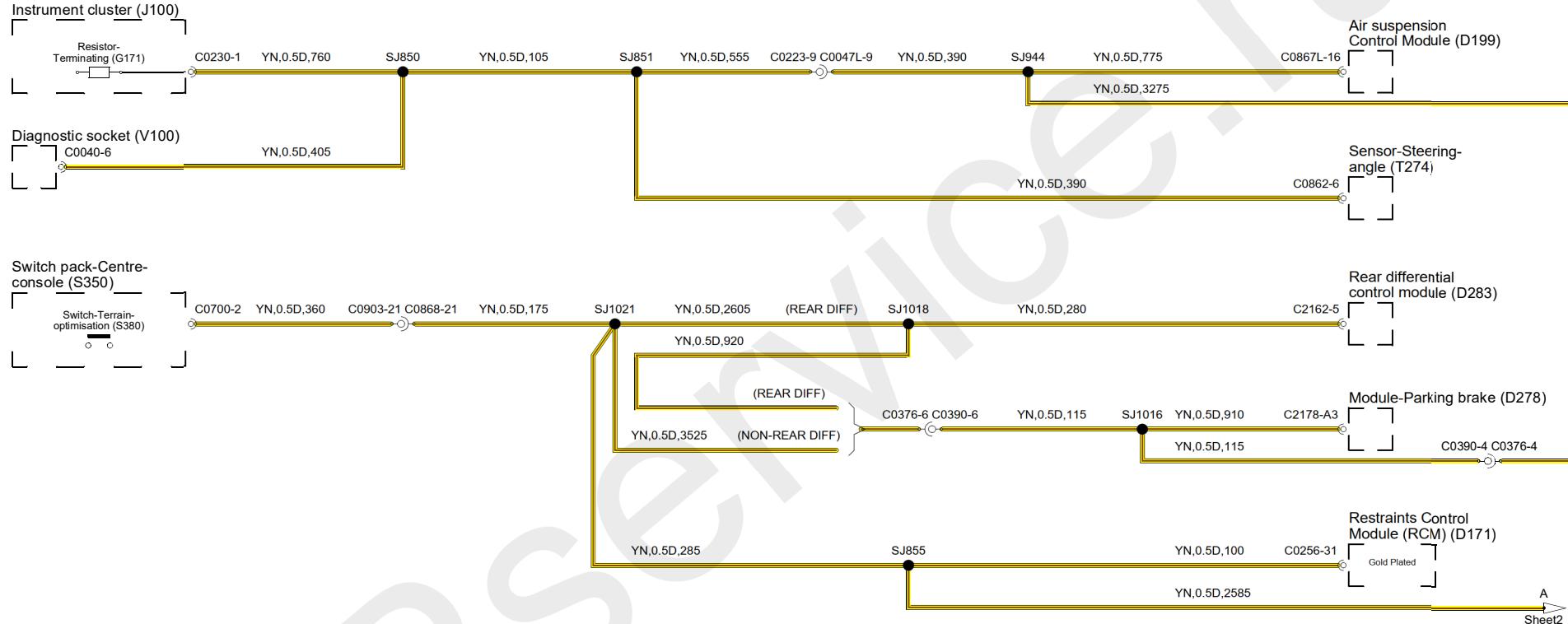


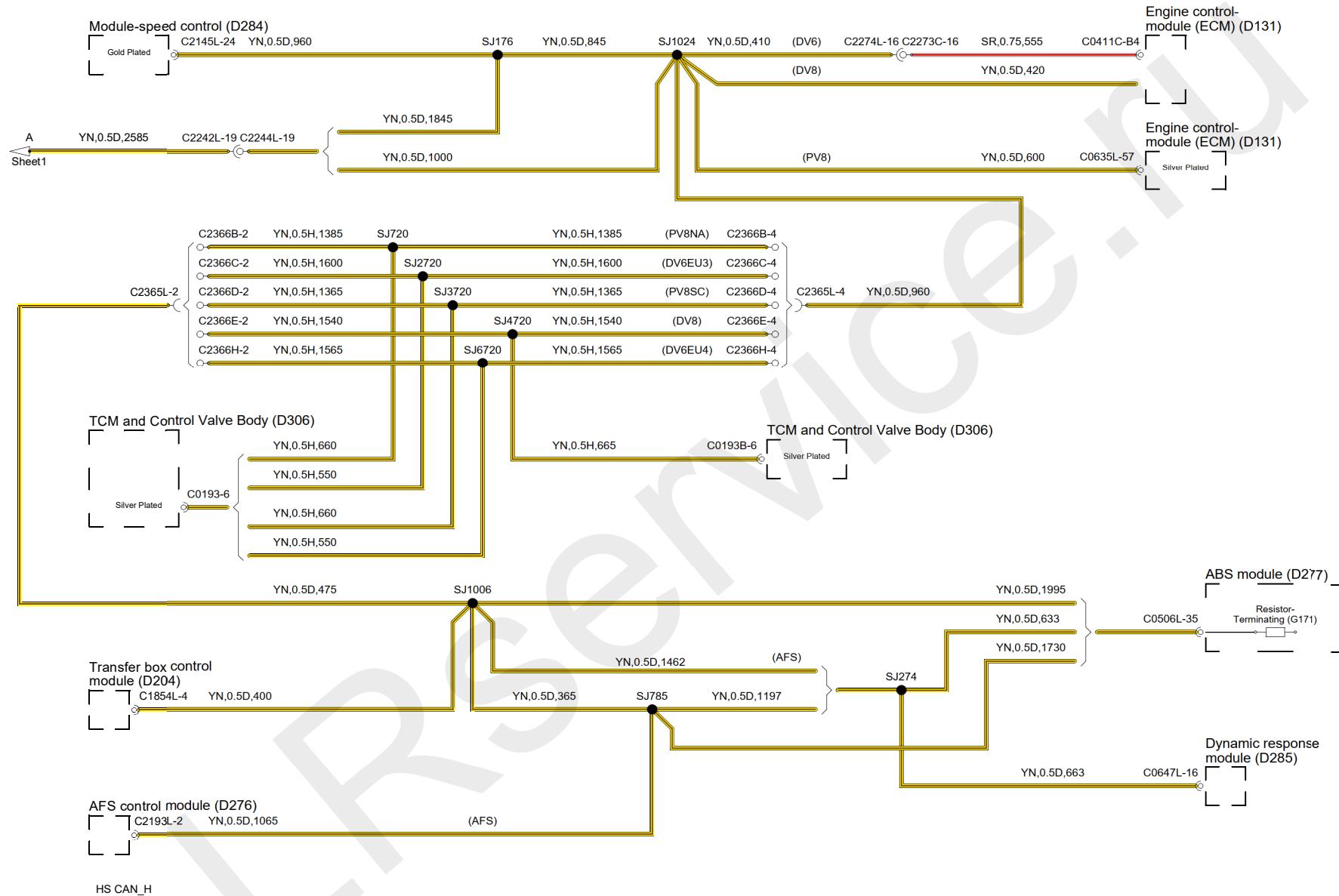


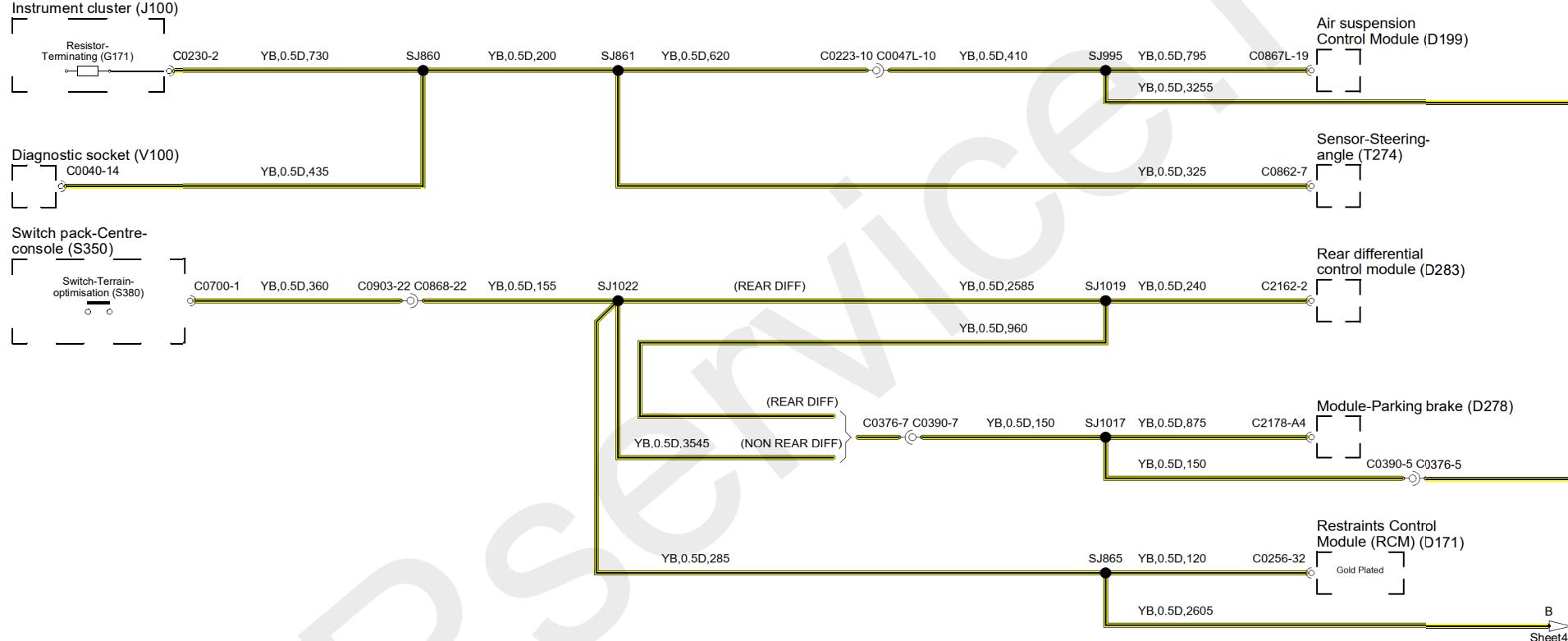


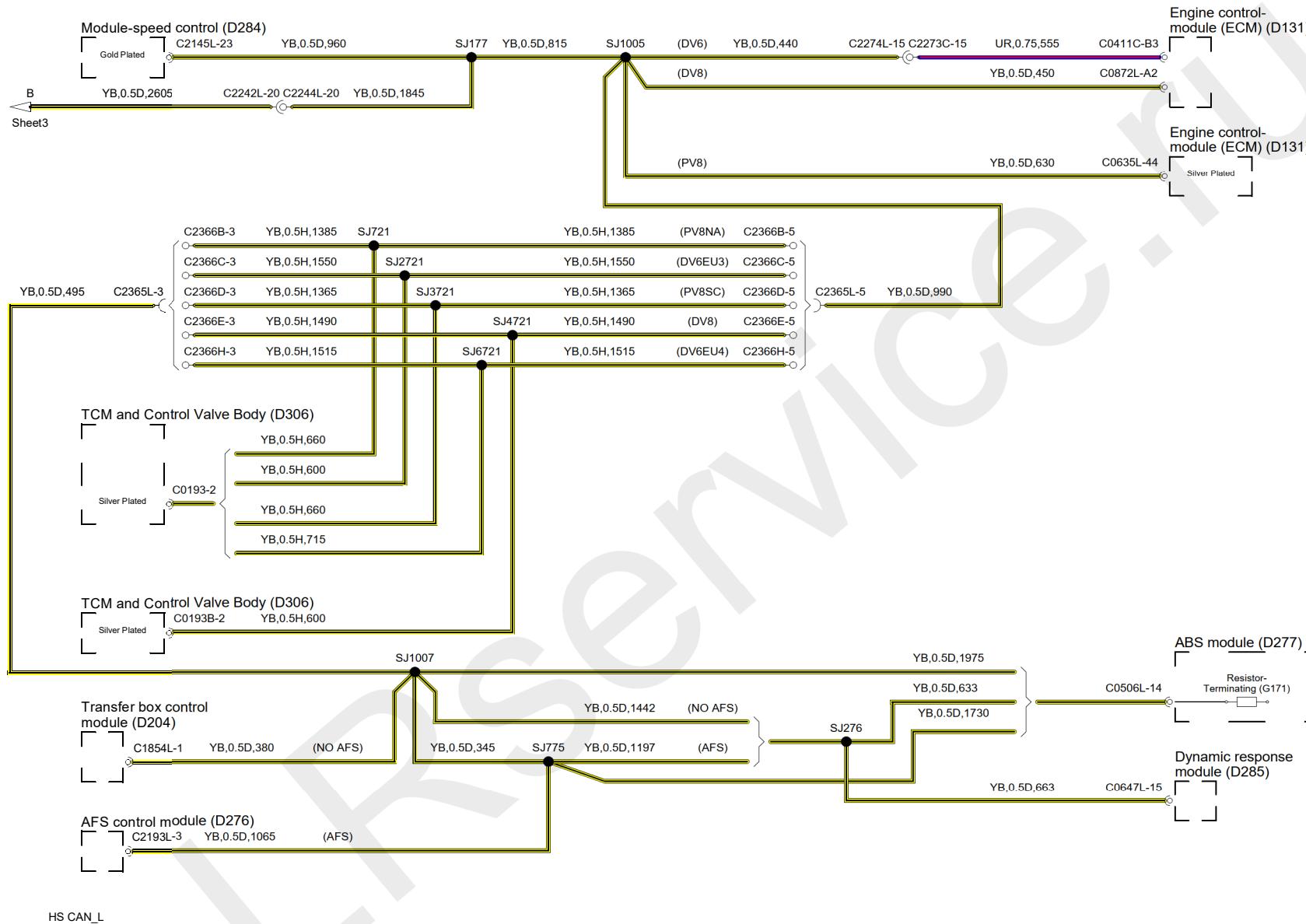


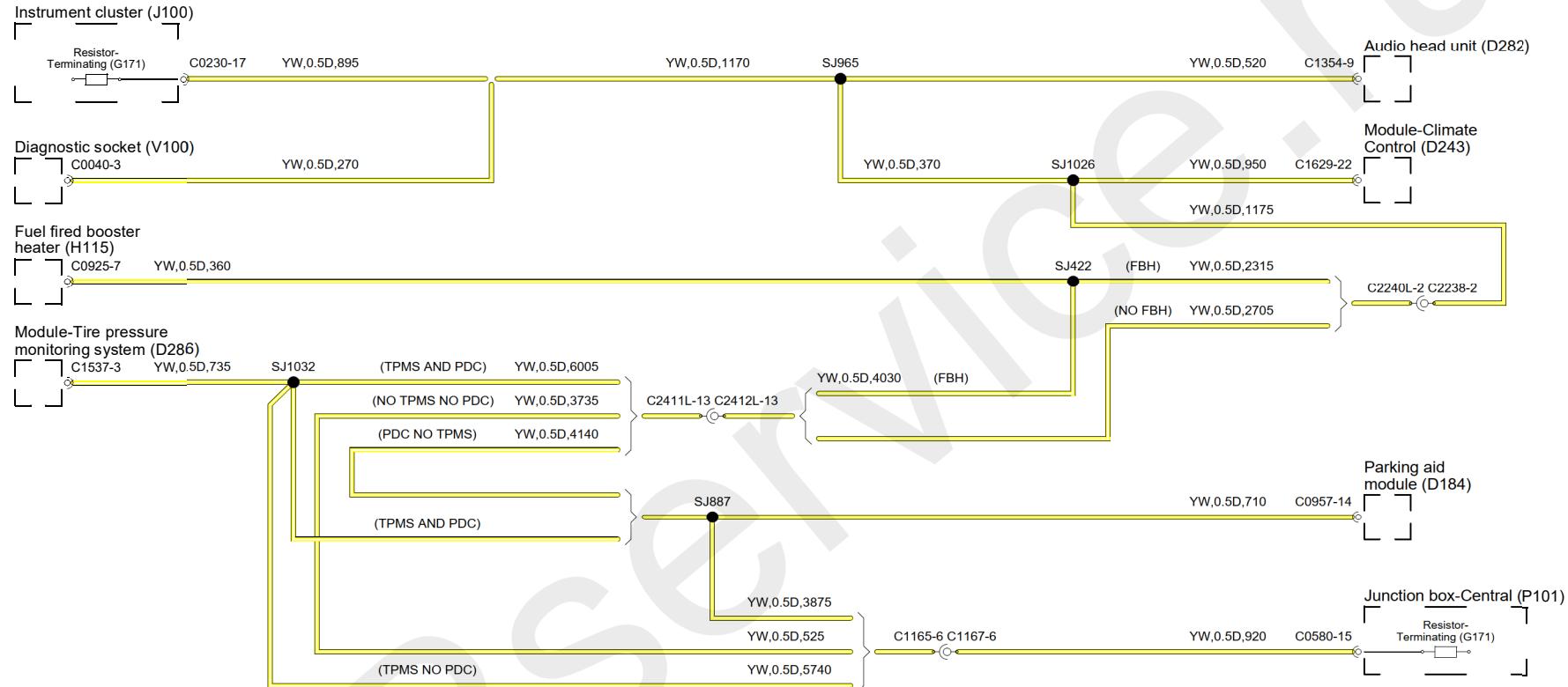


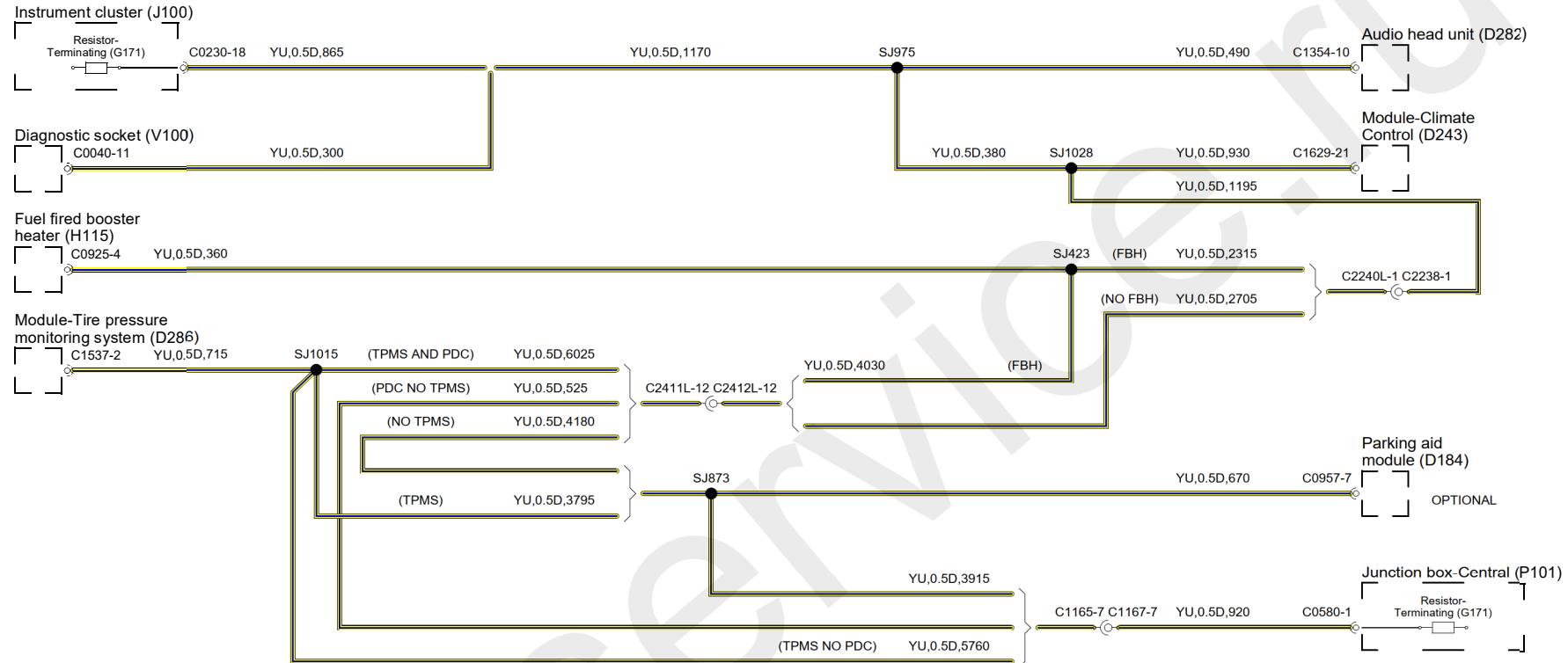


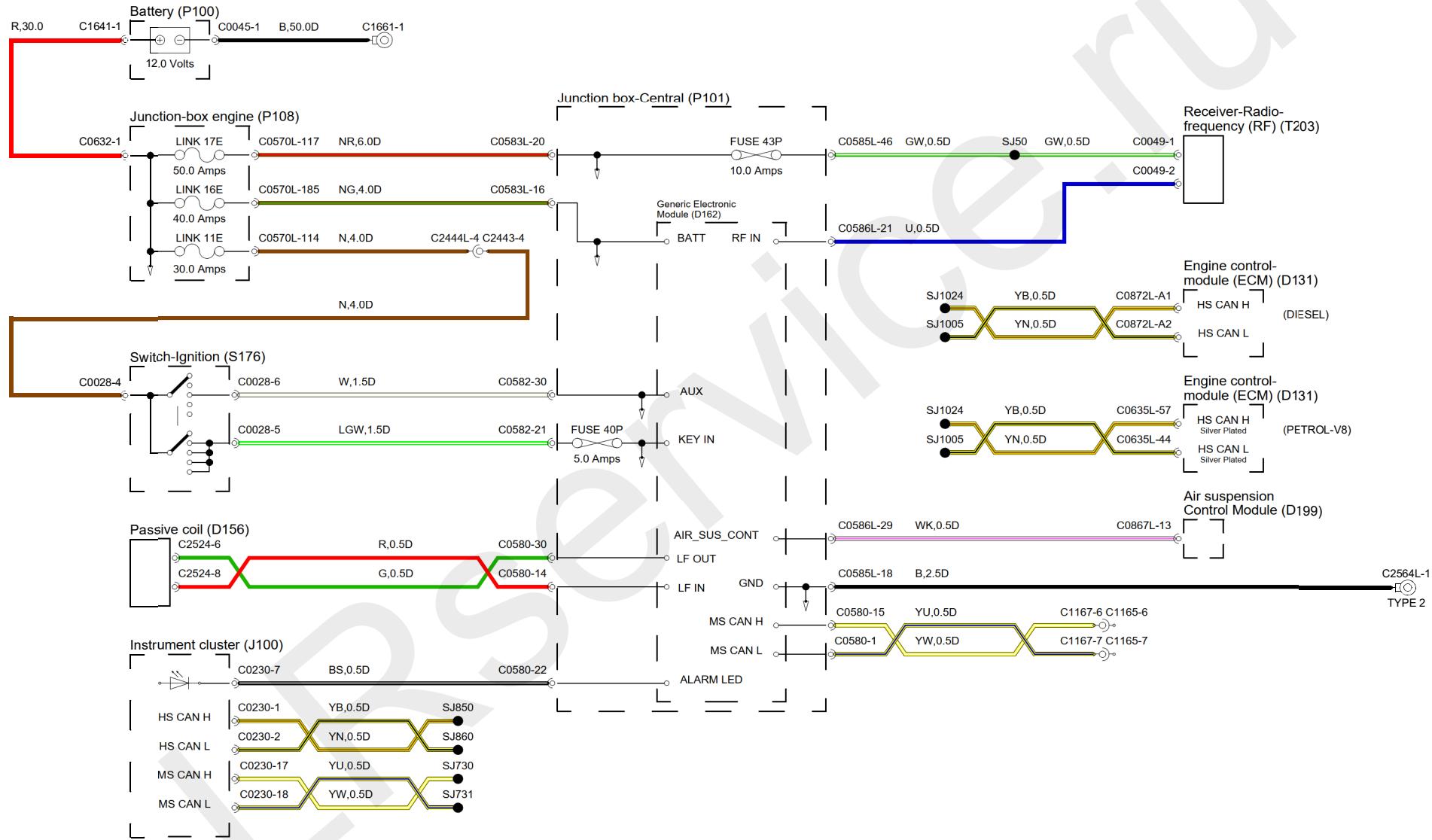


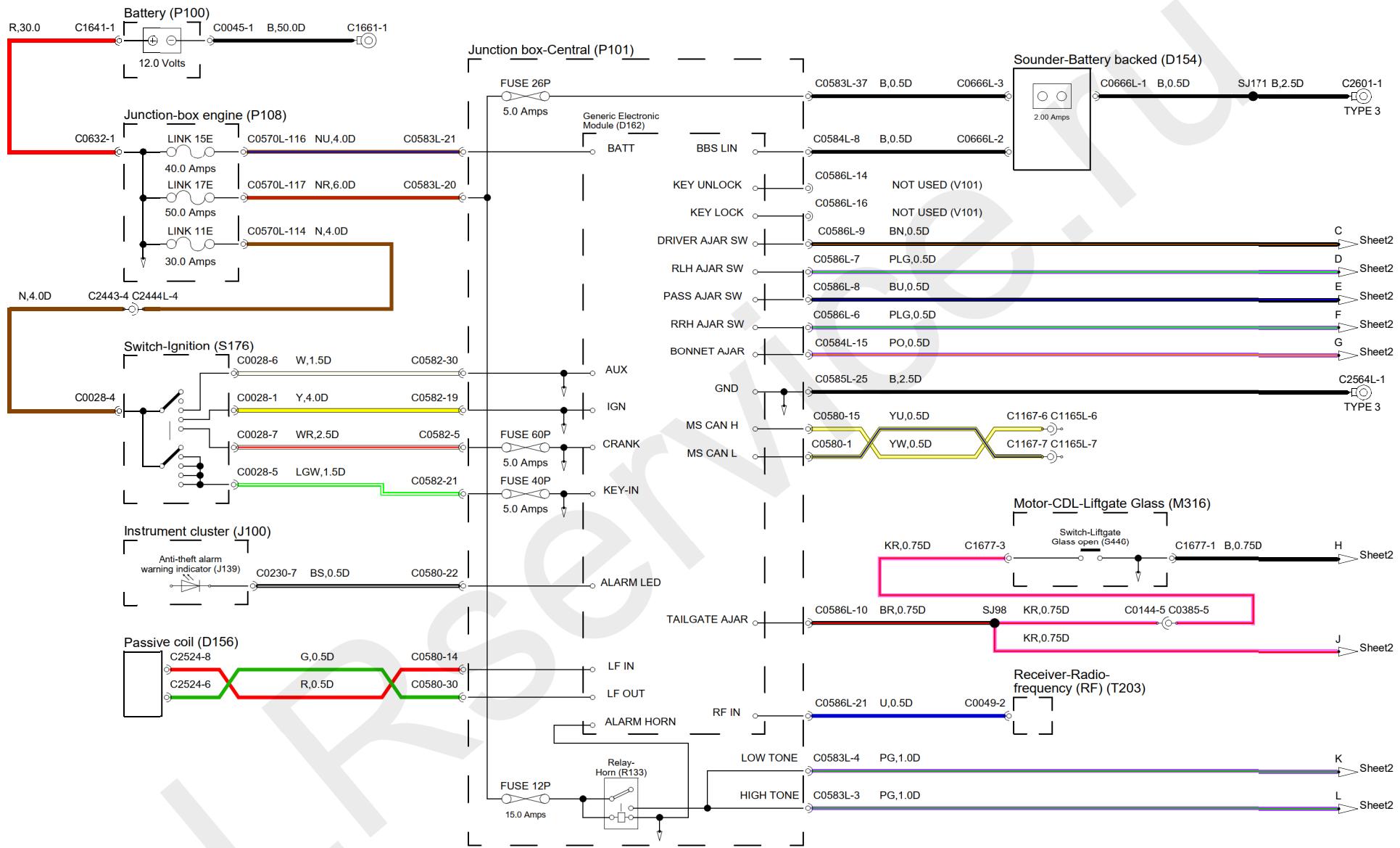


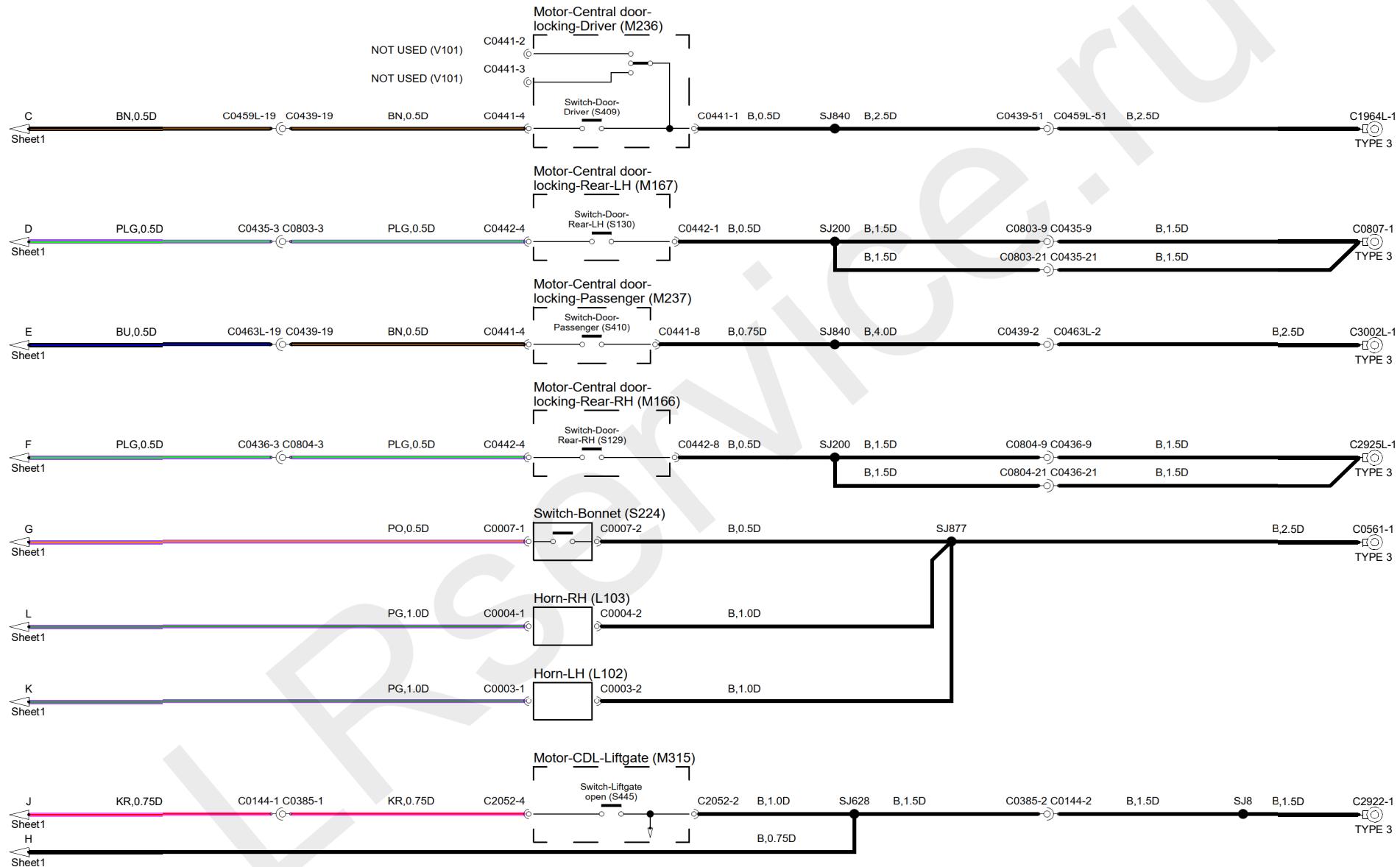


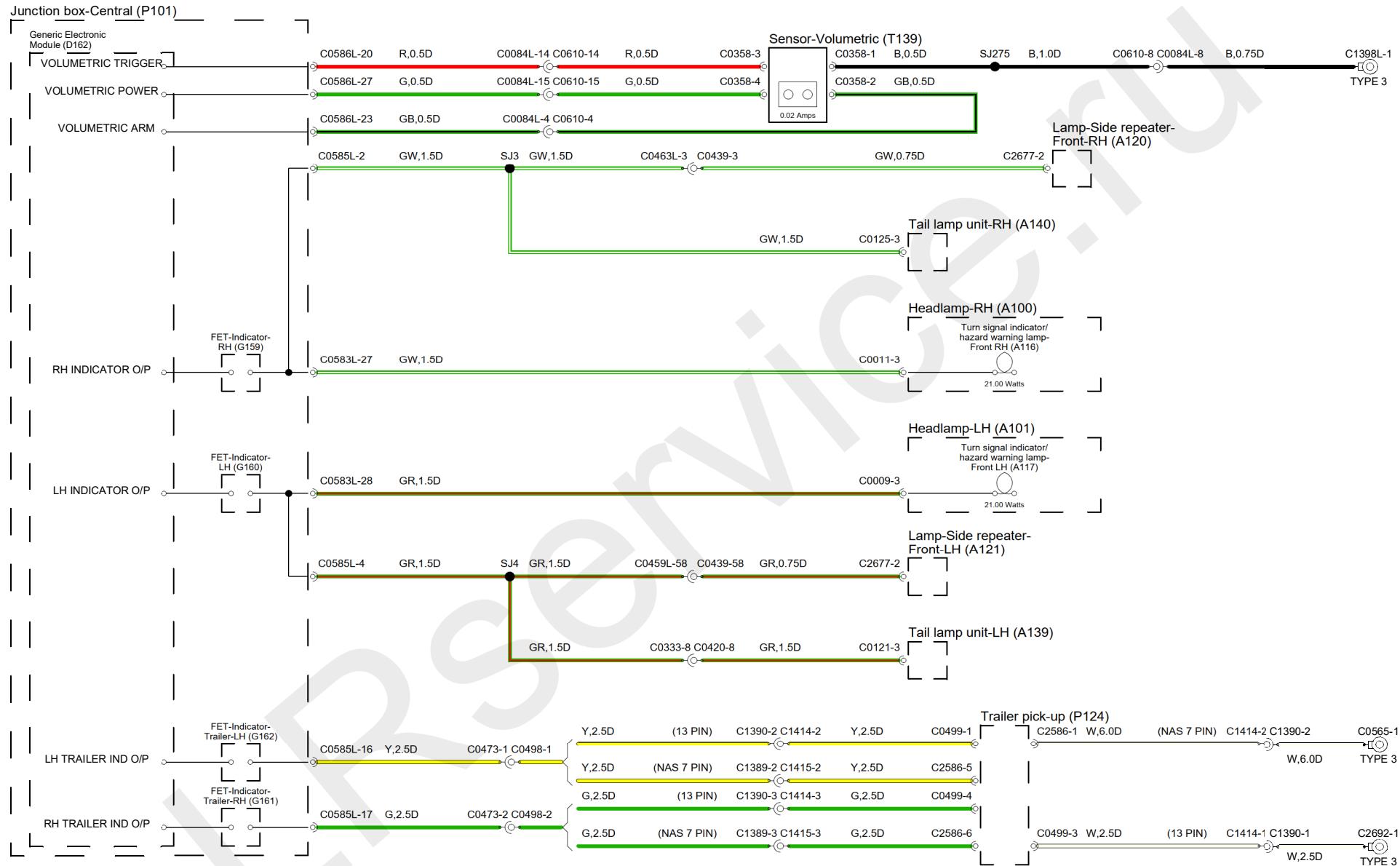


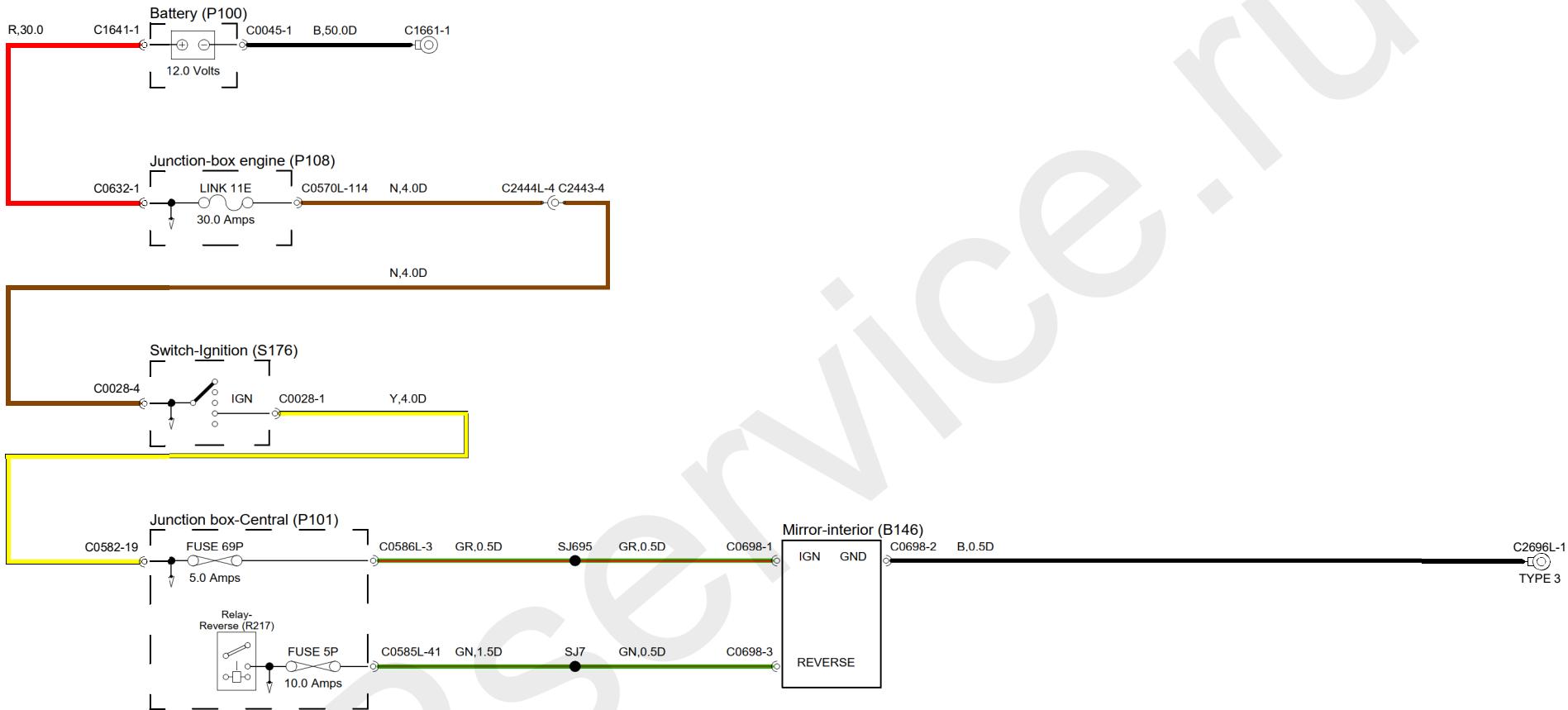


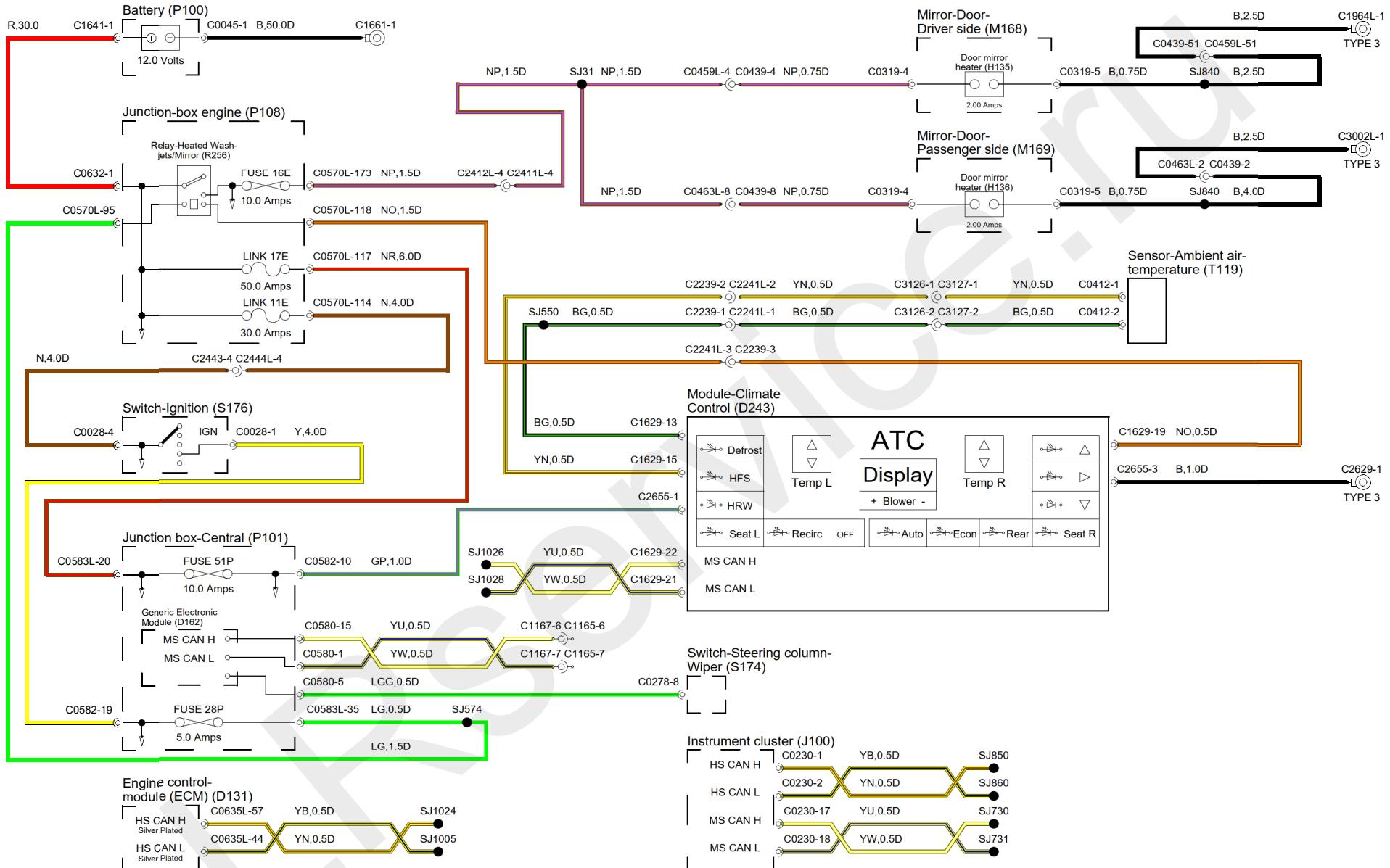


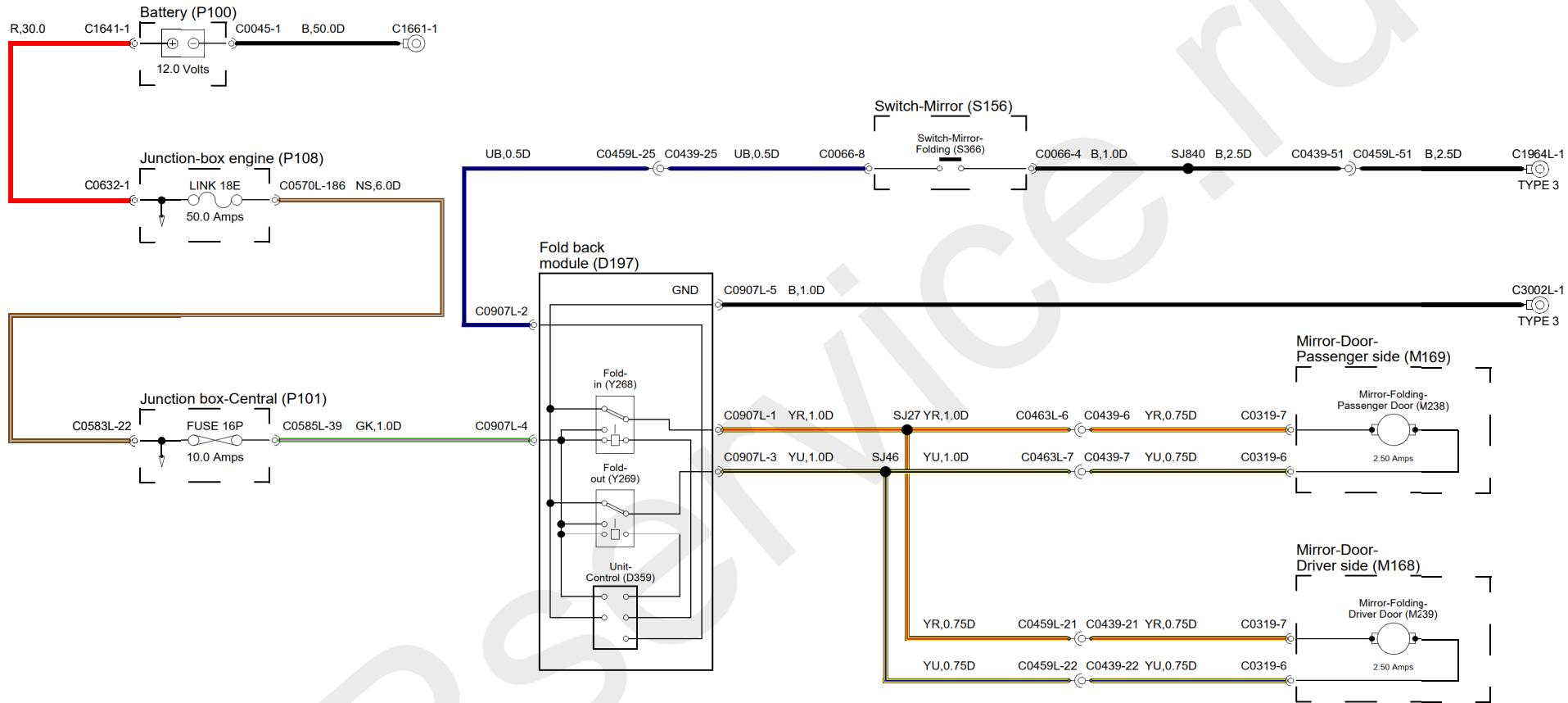


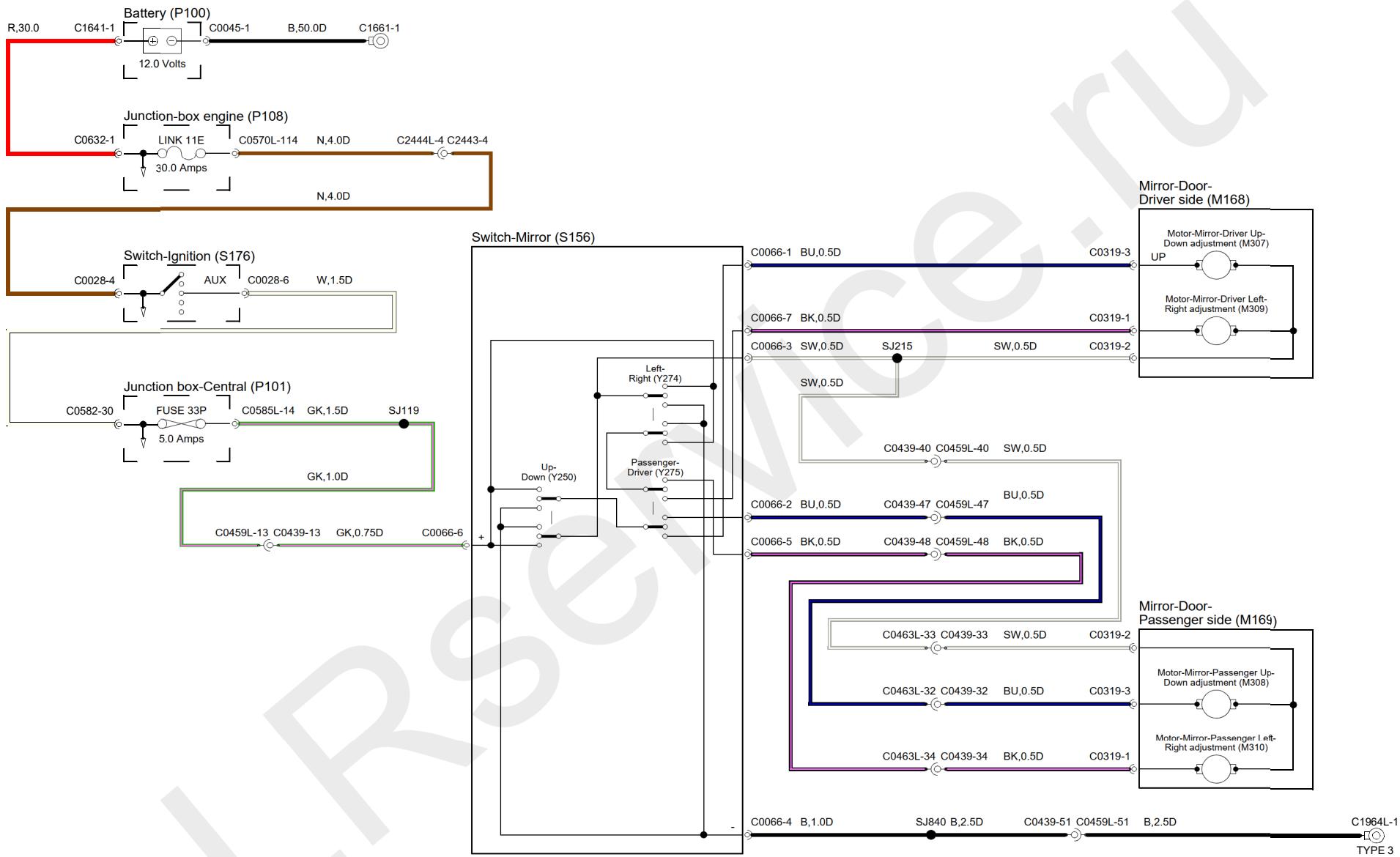


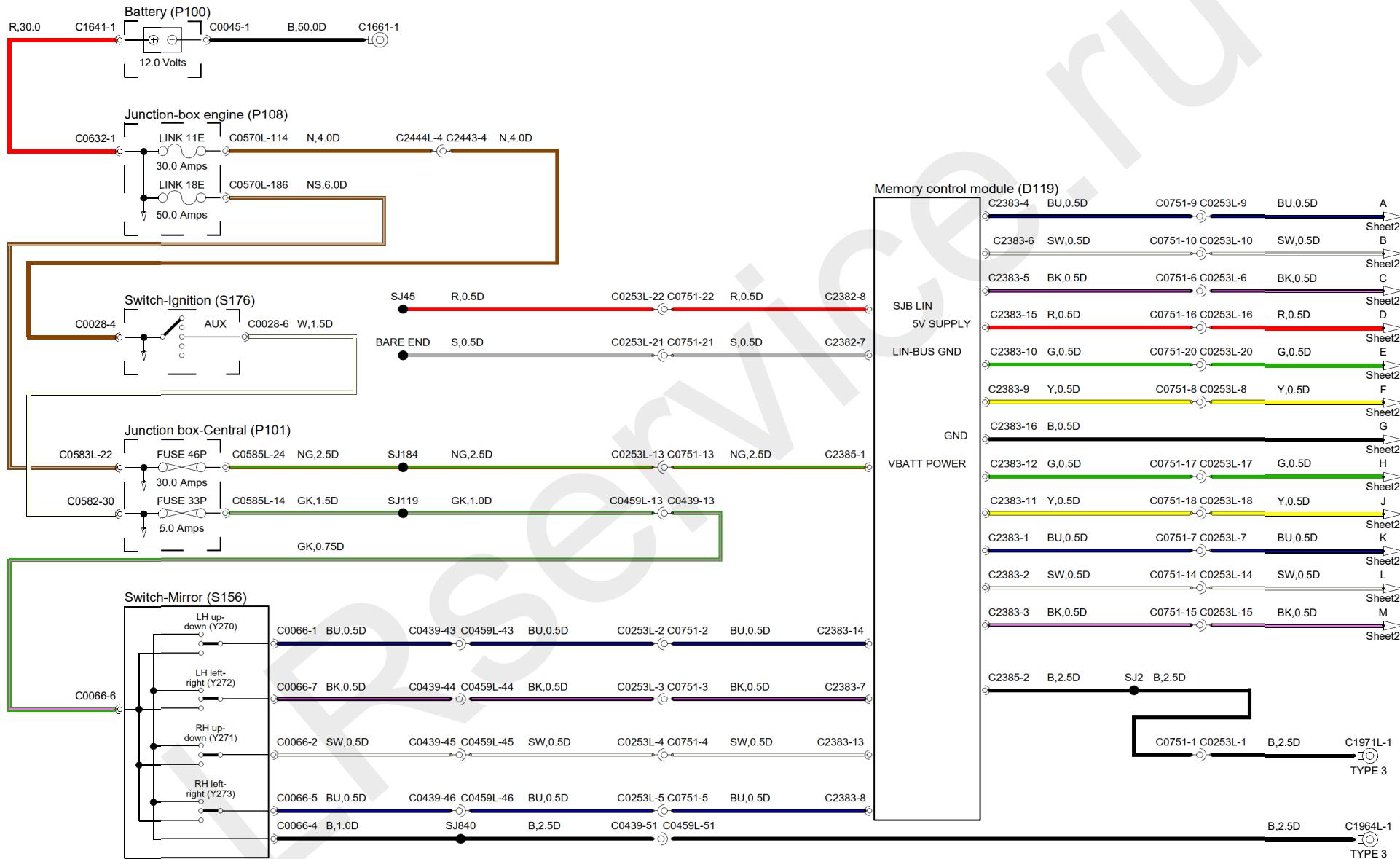


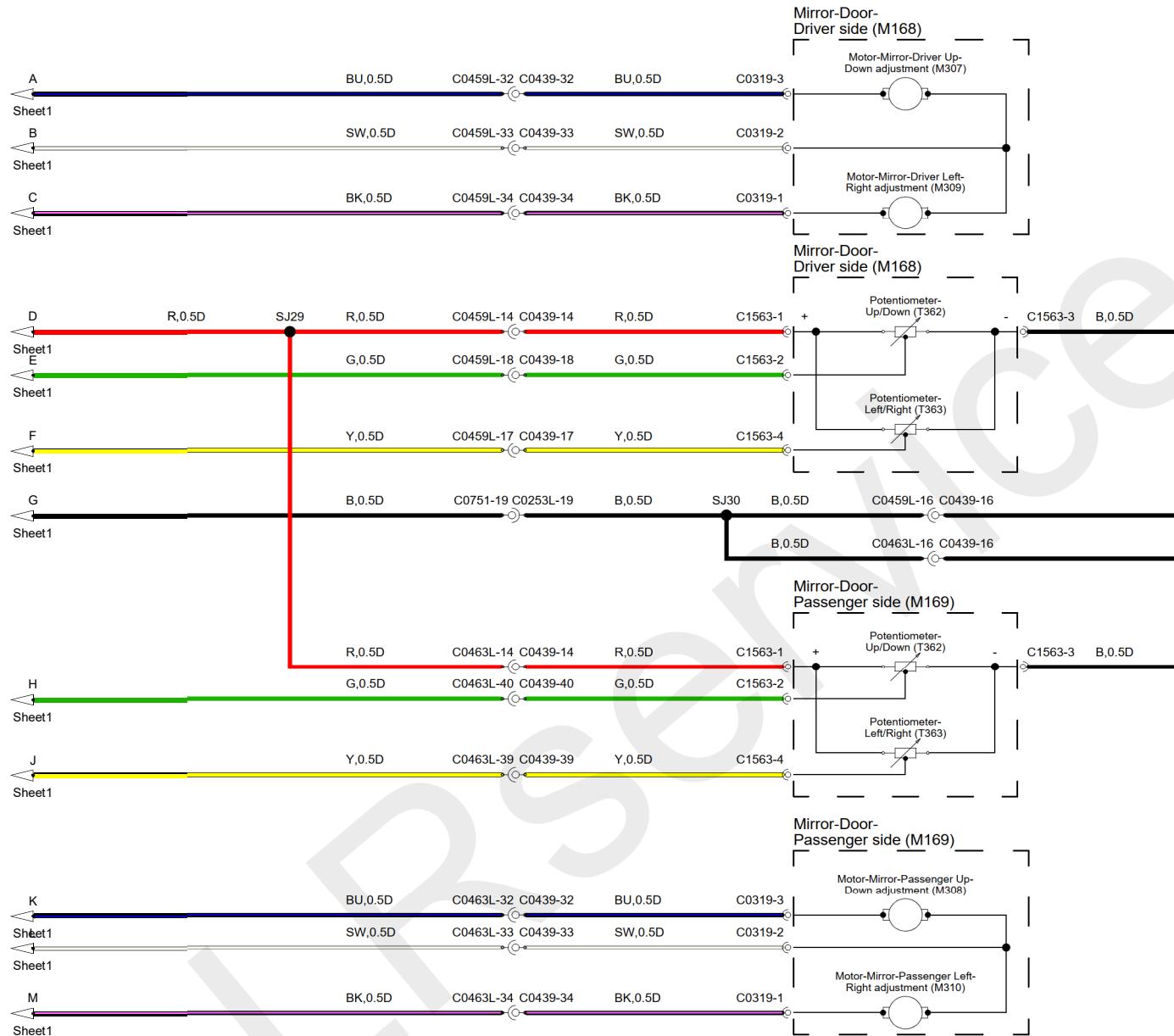


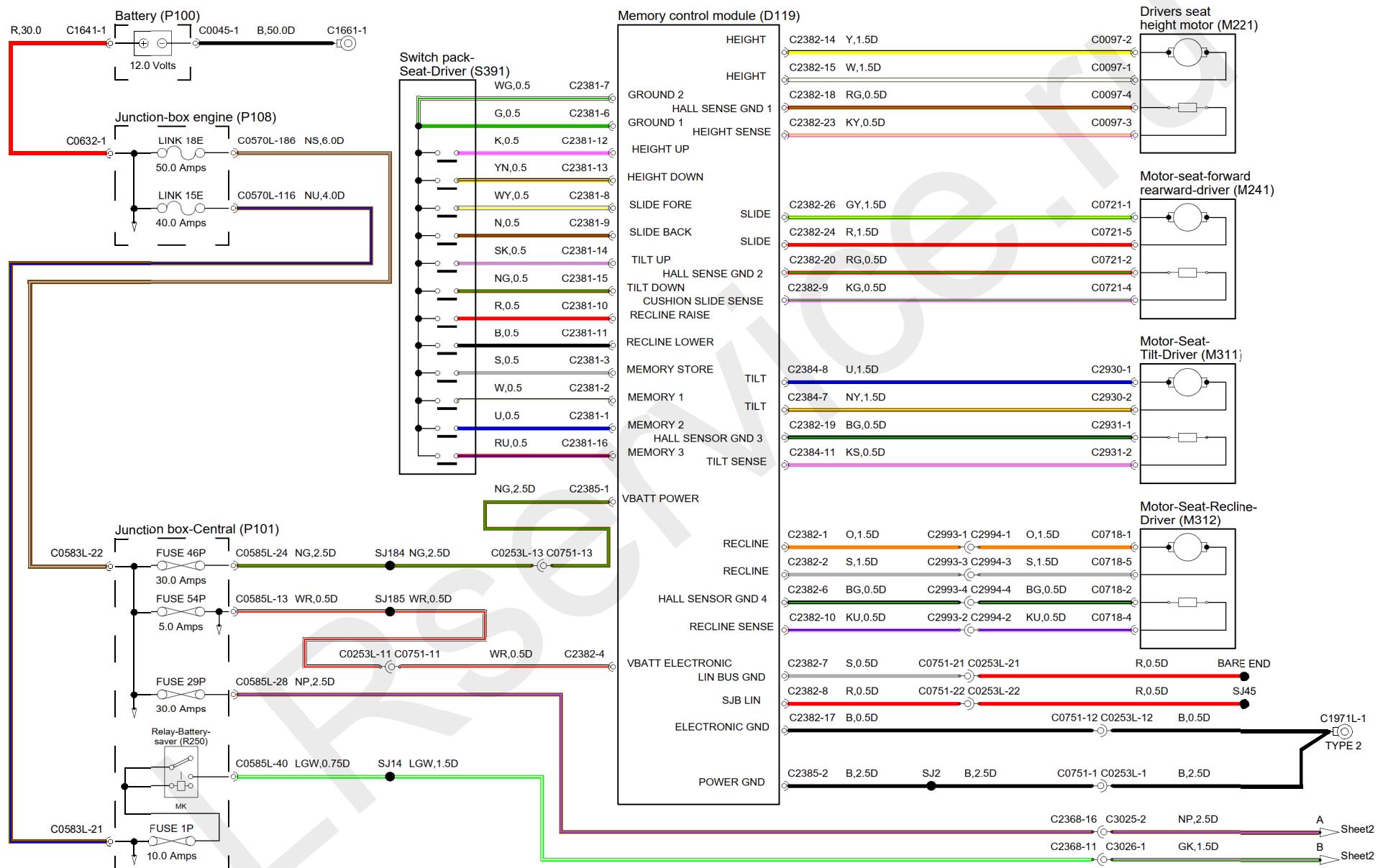


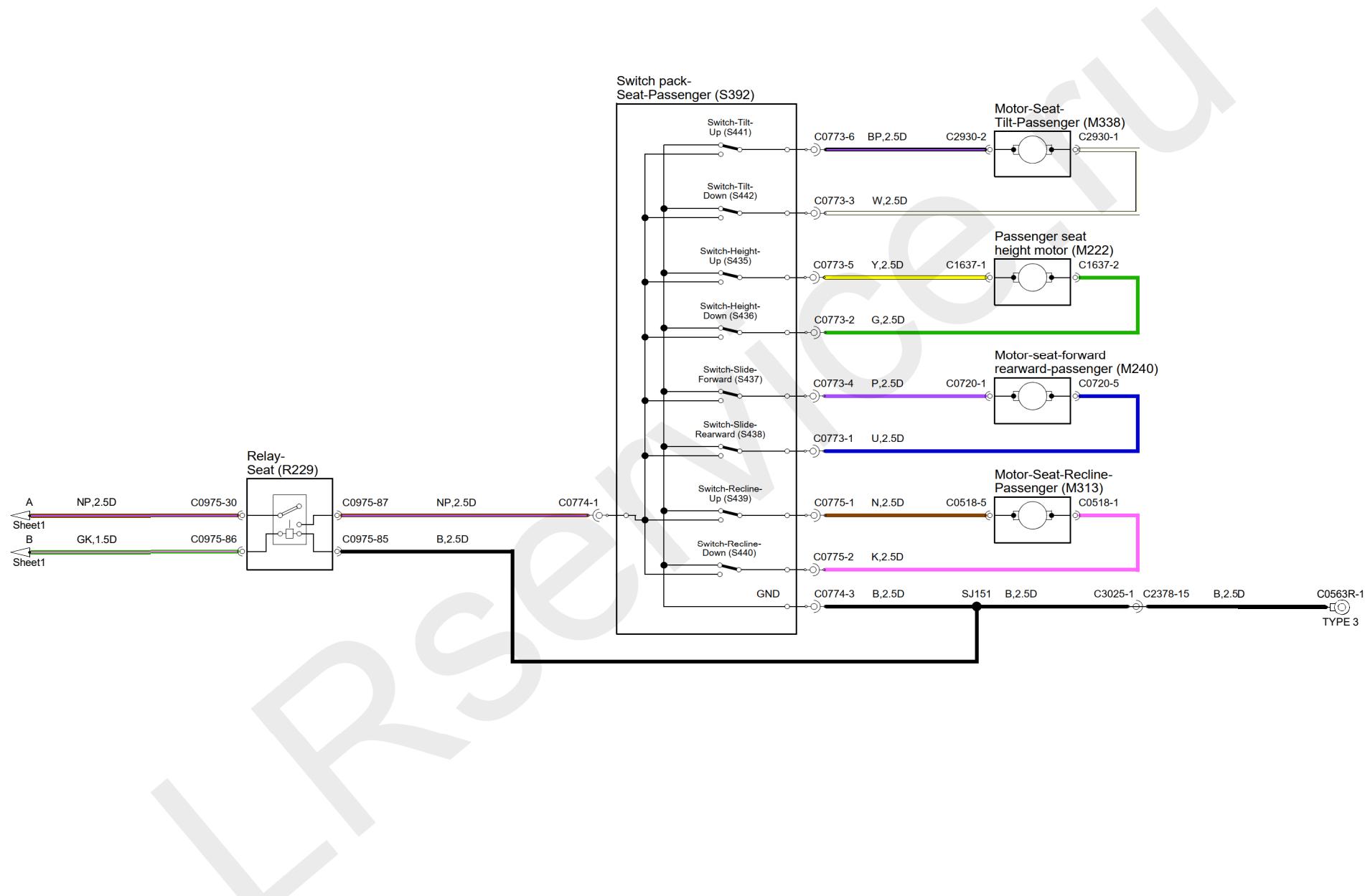


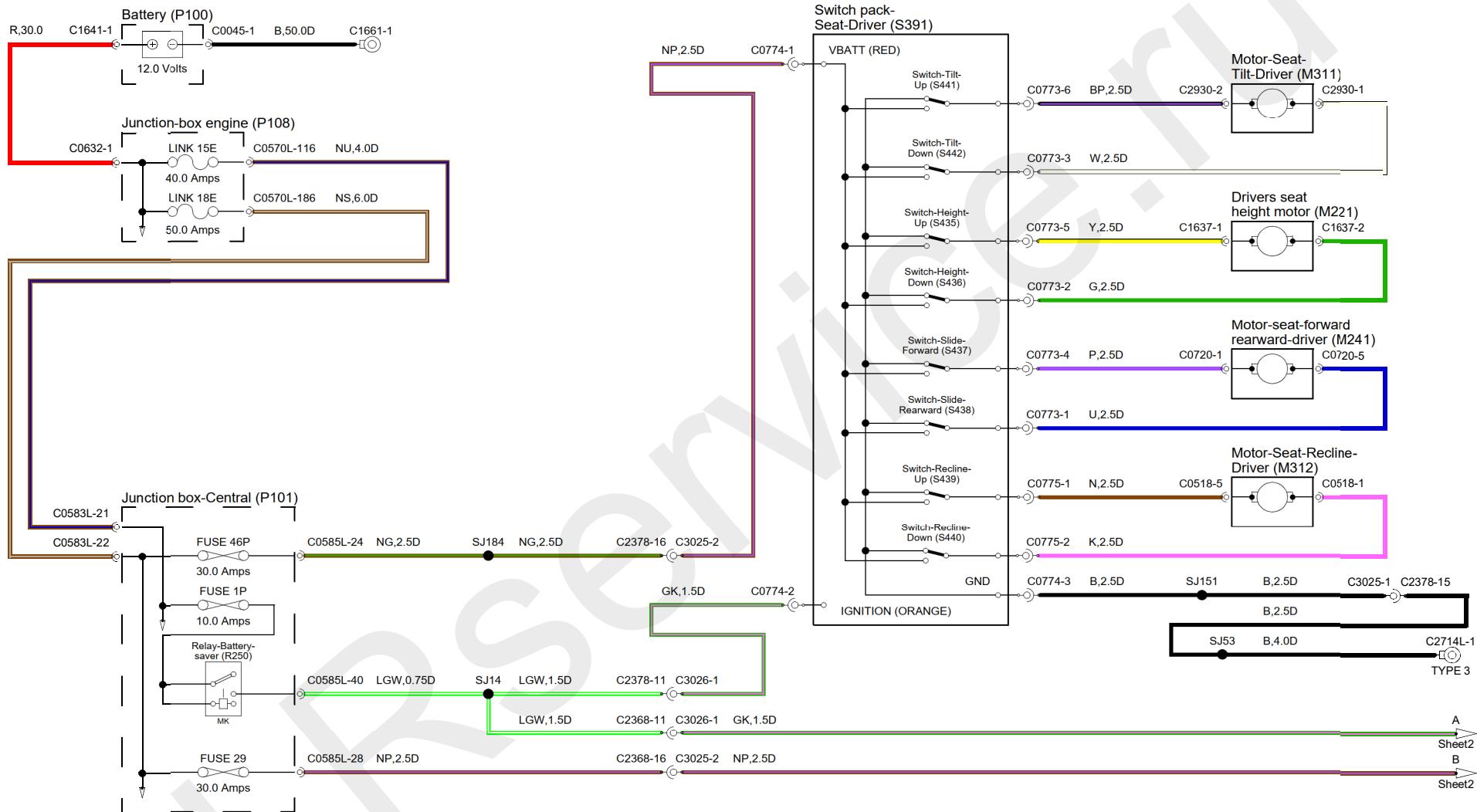


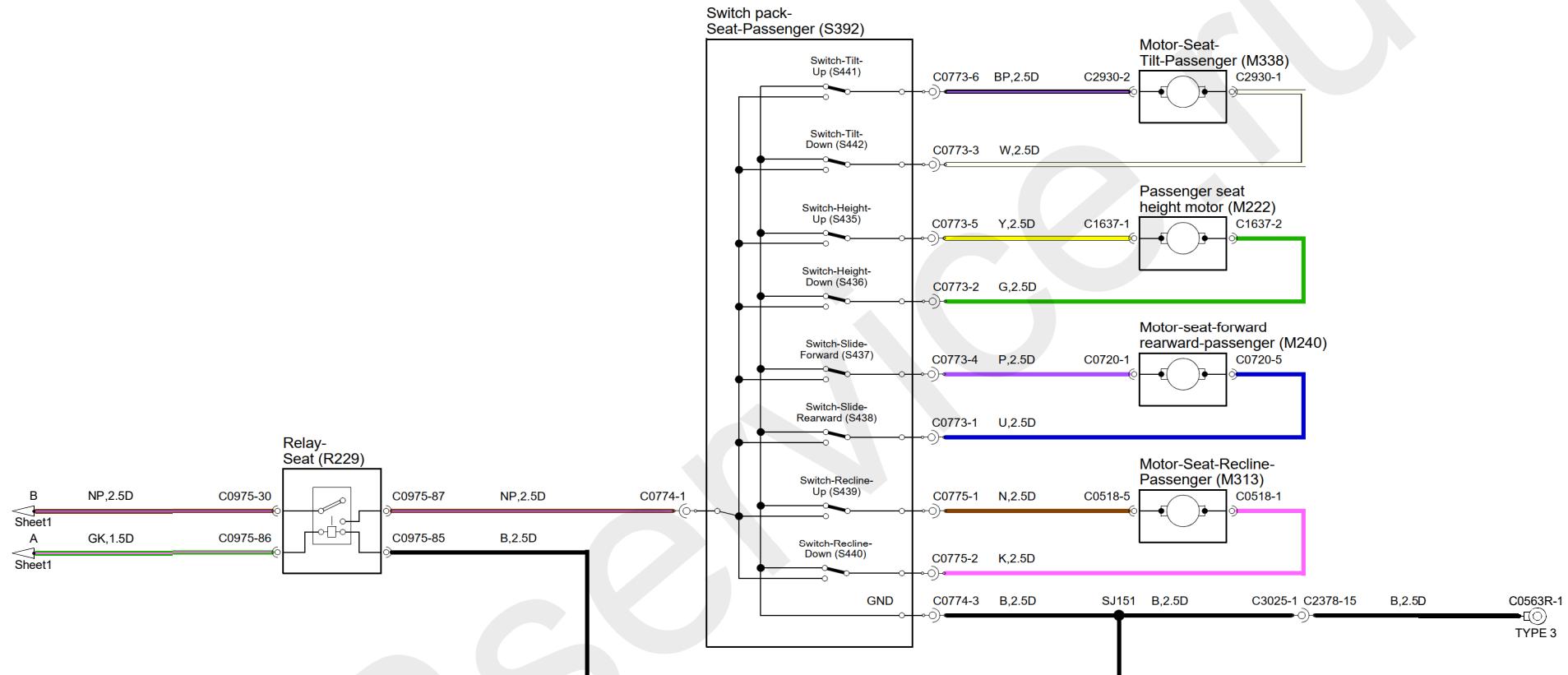


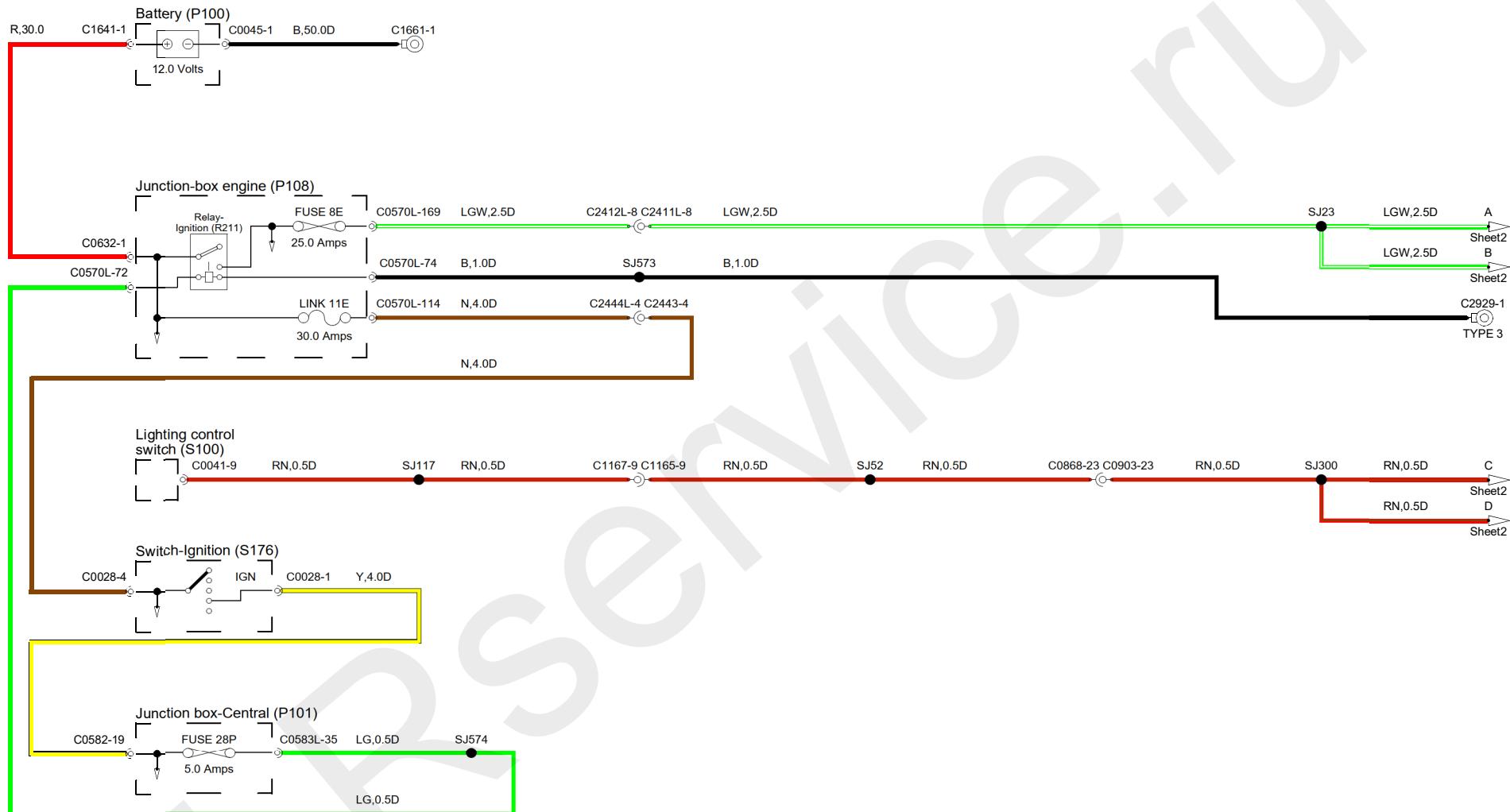


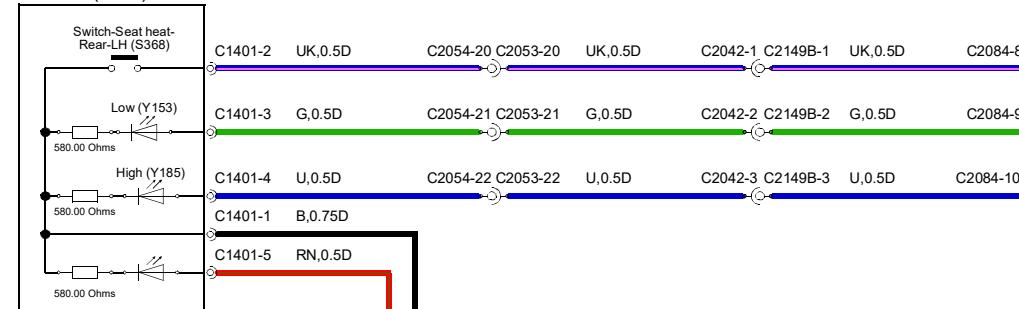
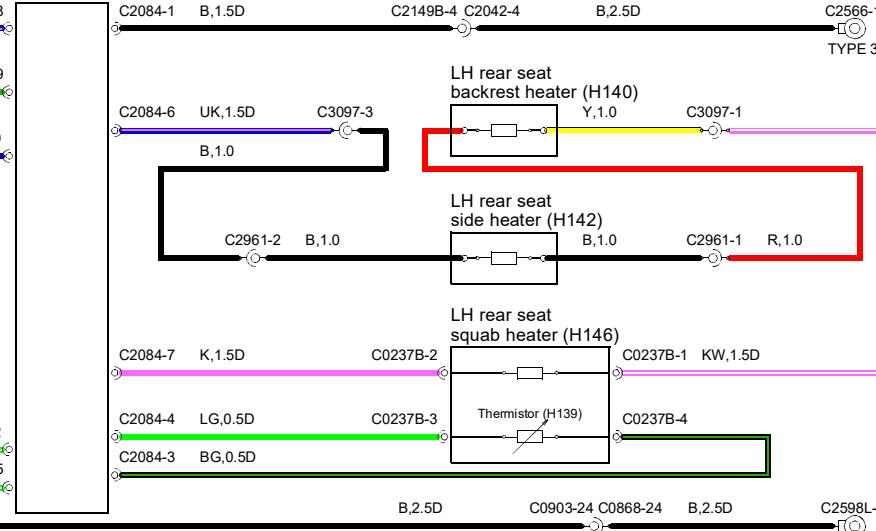
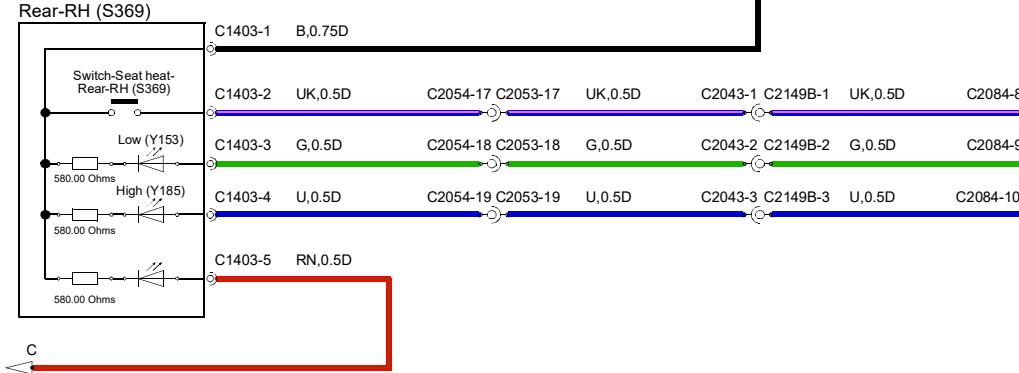
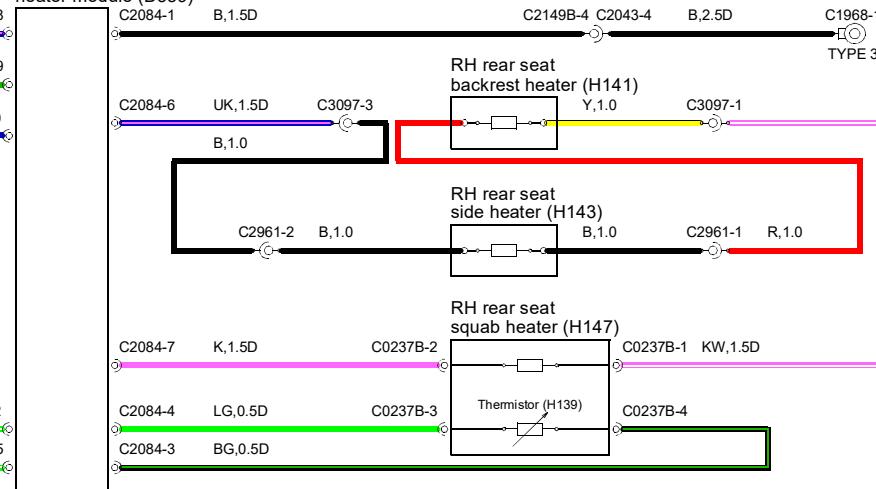






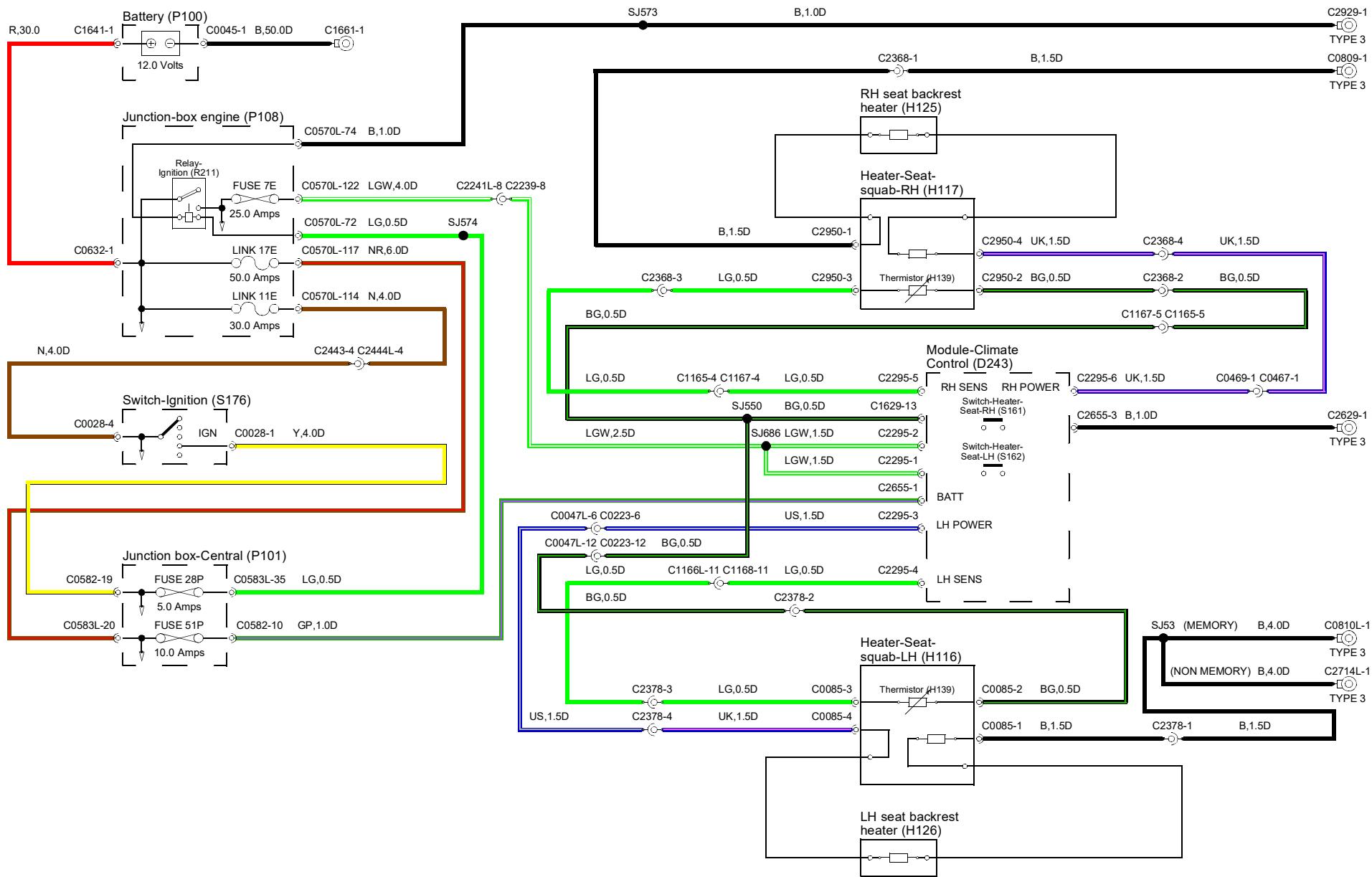


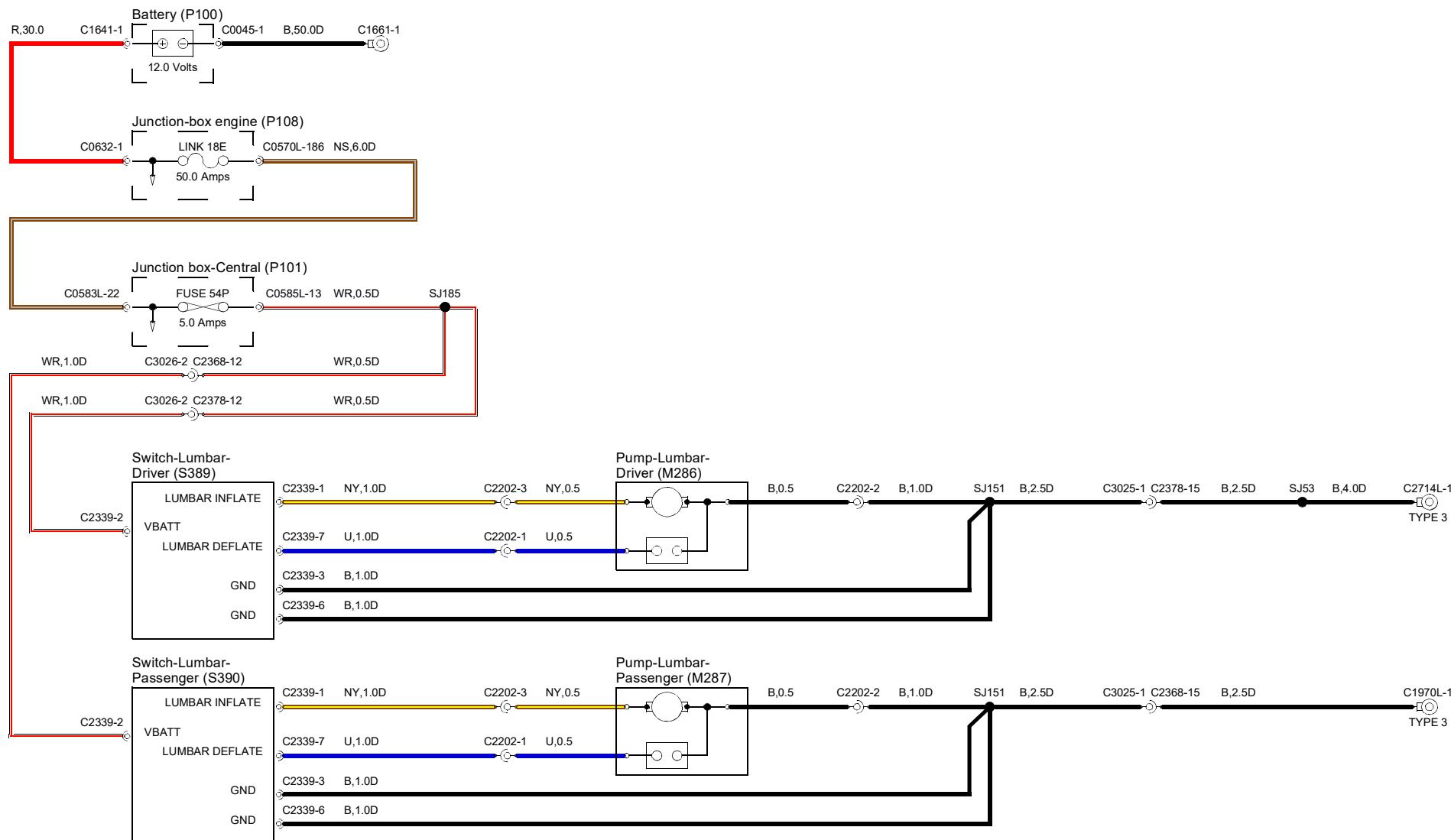


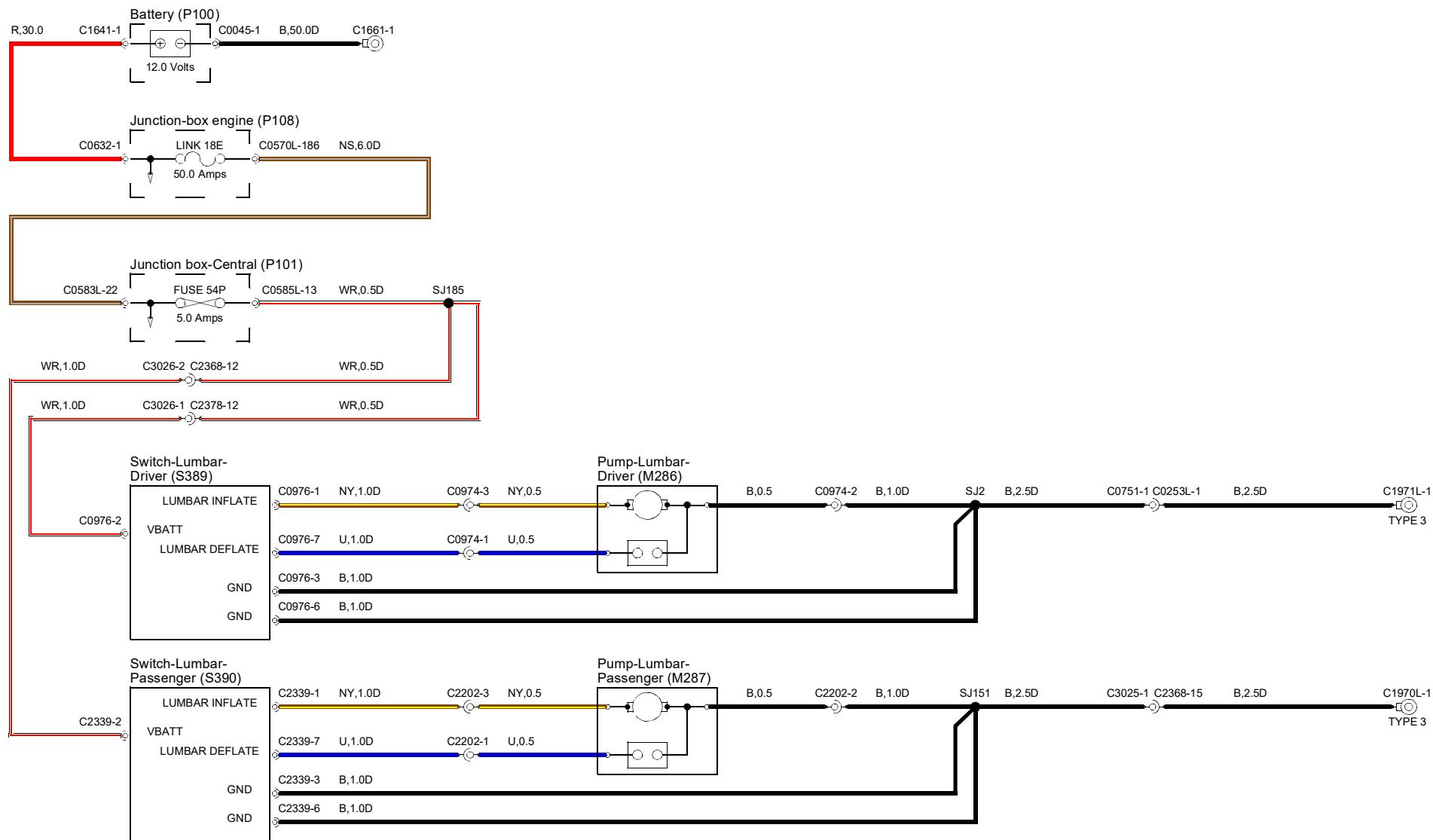
Switch-Seat heat-  
Rear-LH (S368)LH rear seat  
heater module (D338)Switch-Seat heat-  
Rear-RH (S369)RH rear seat  
heater module (D339)

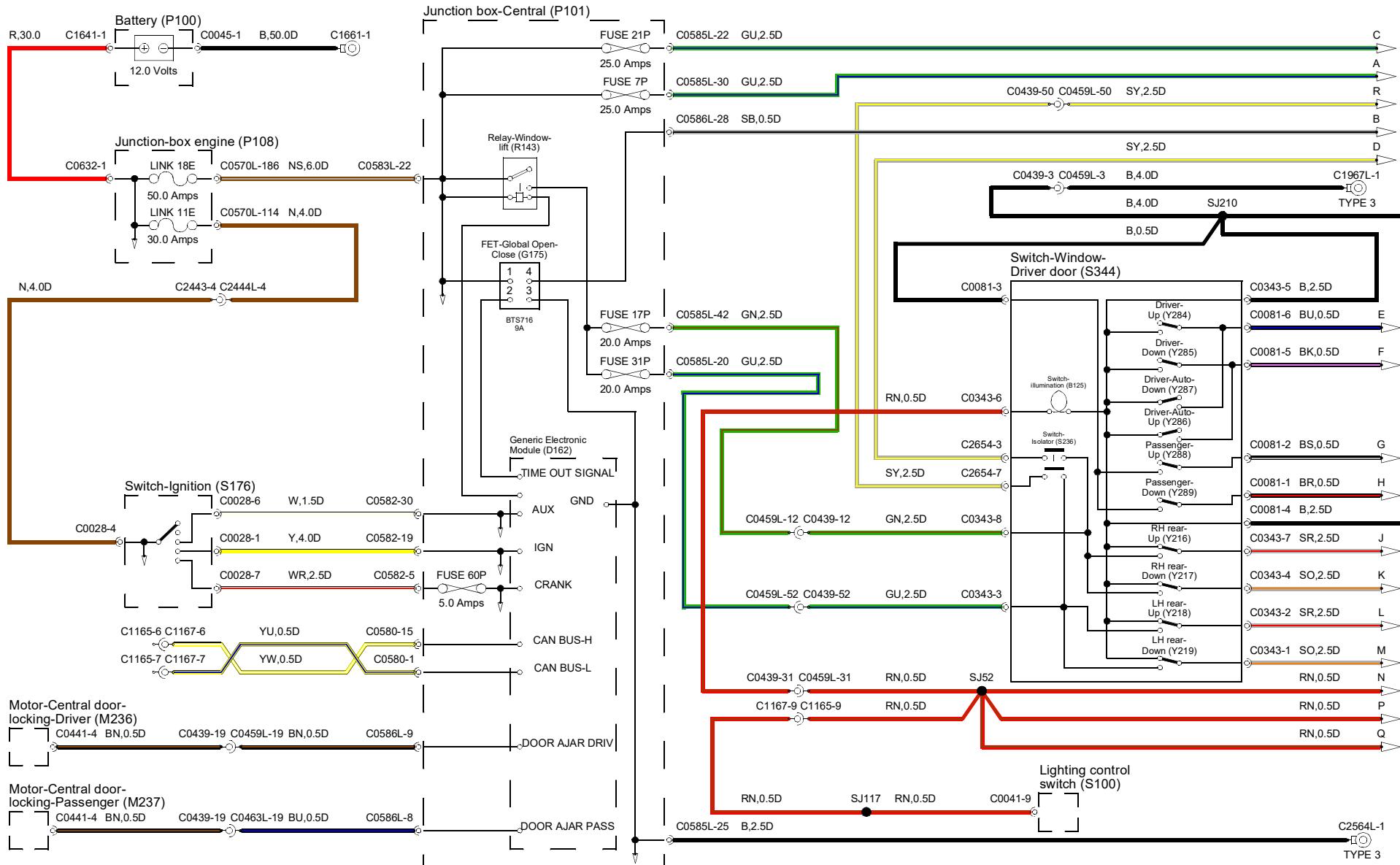
# 501-10 - SEATING

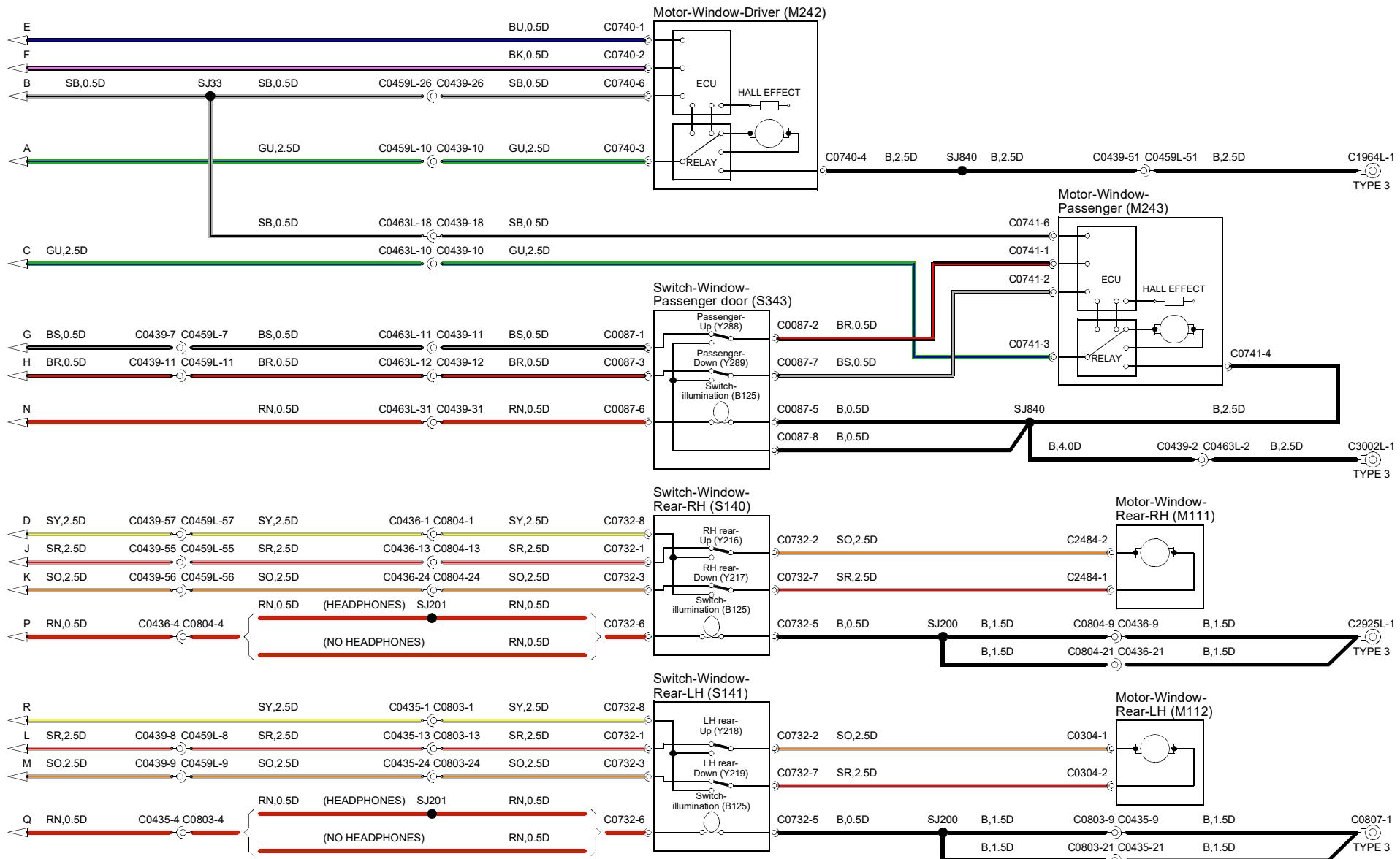
Heated - front

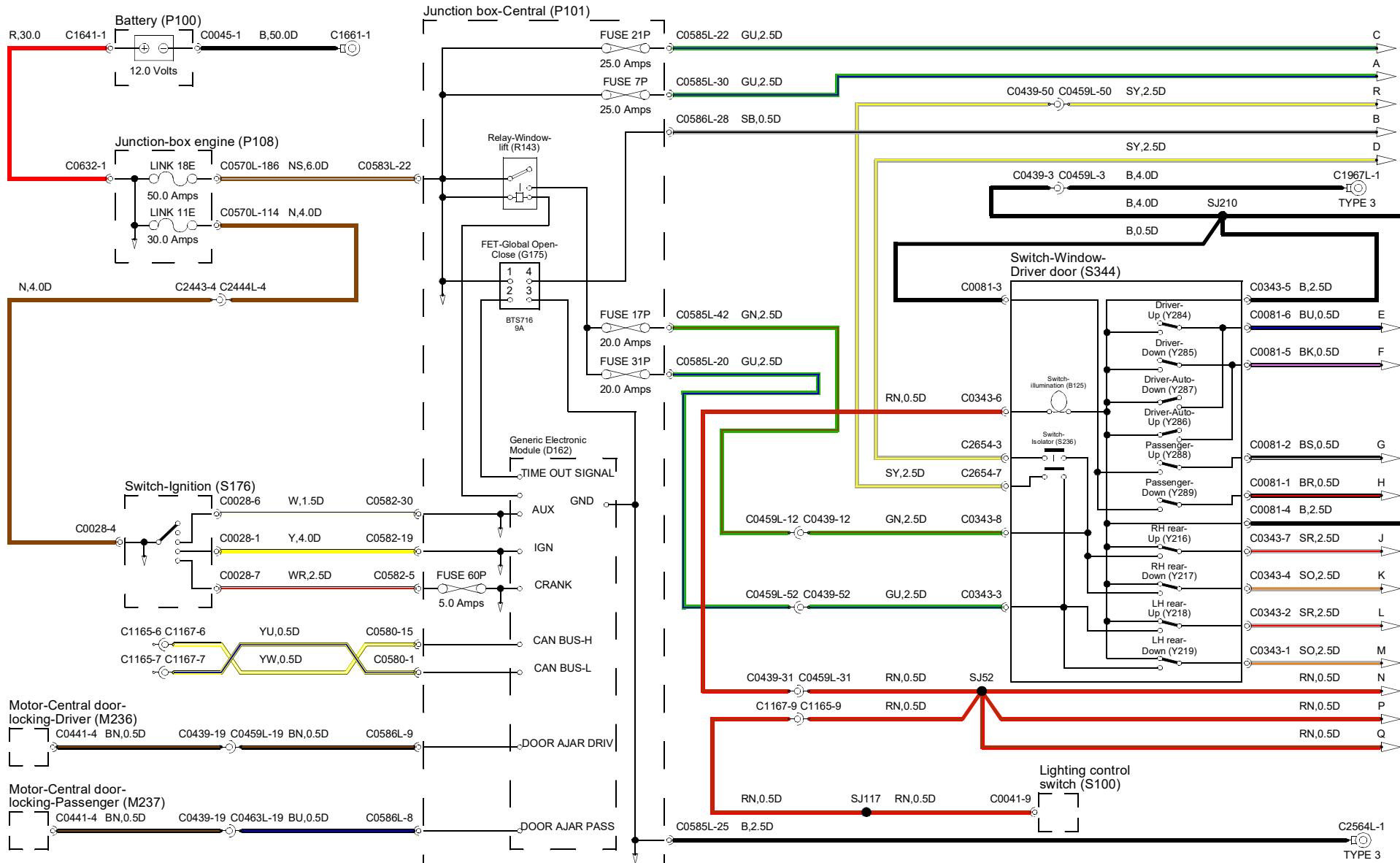


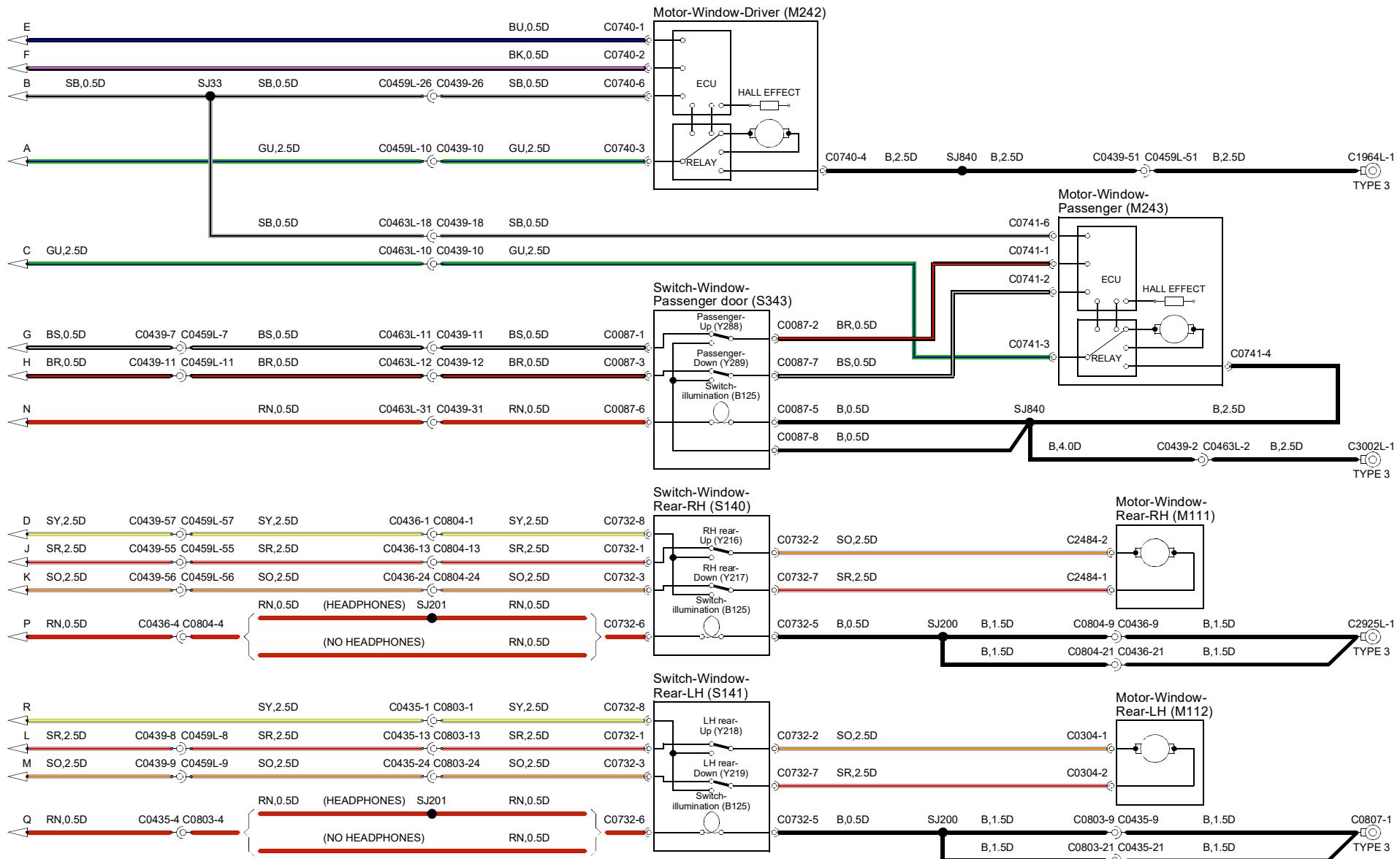


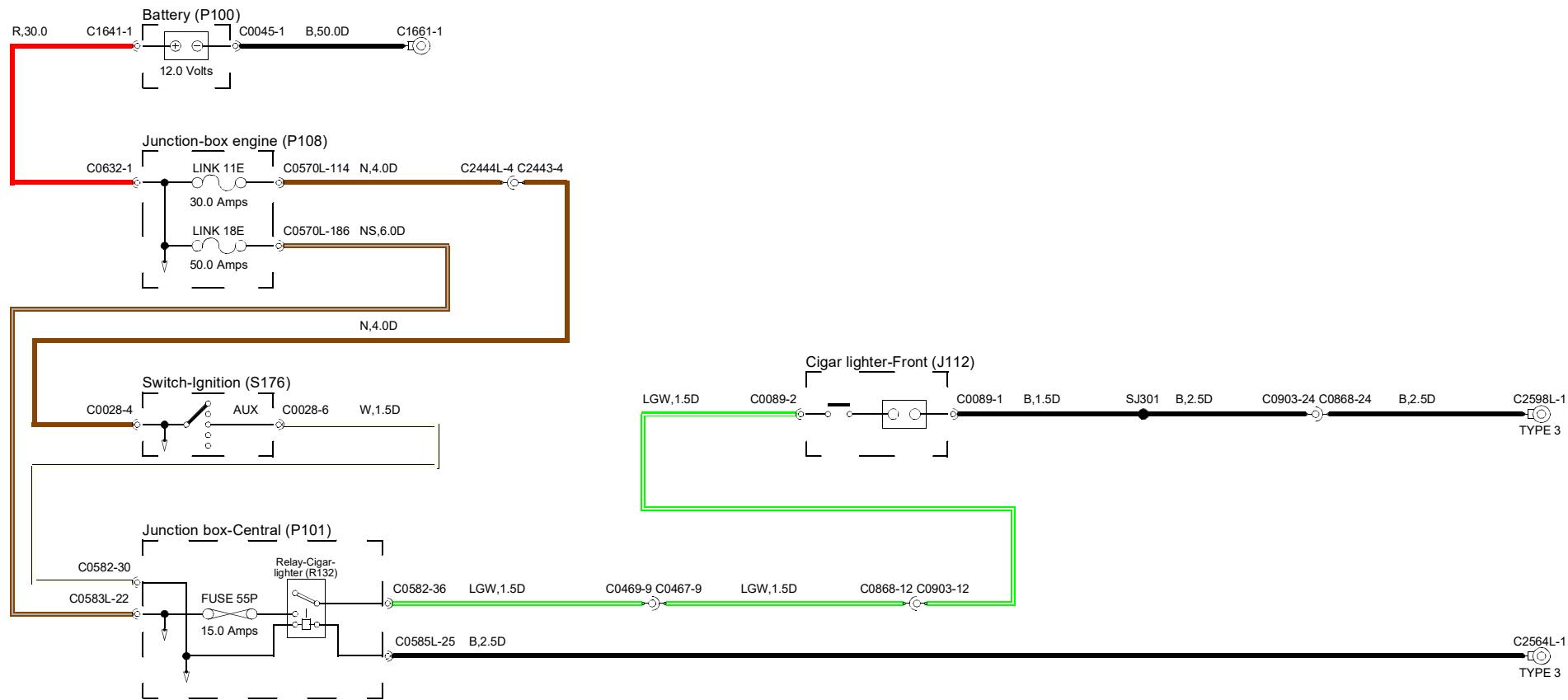




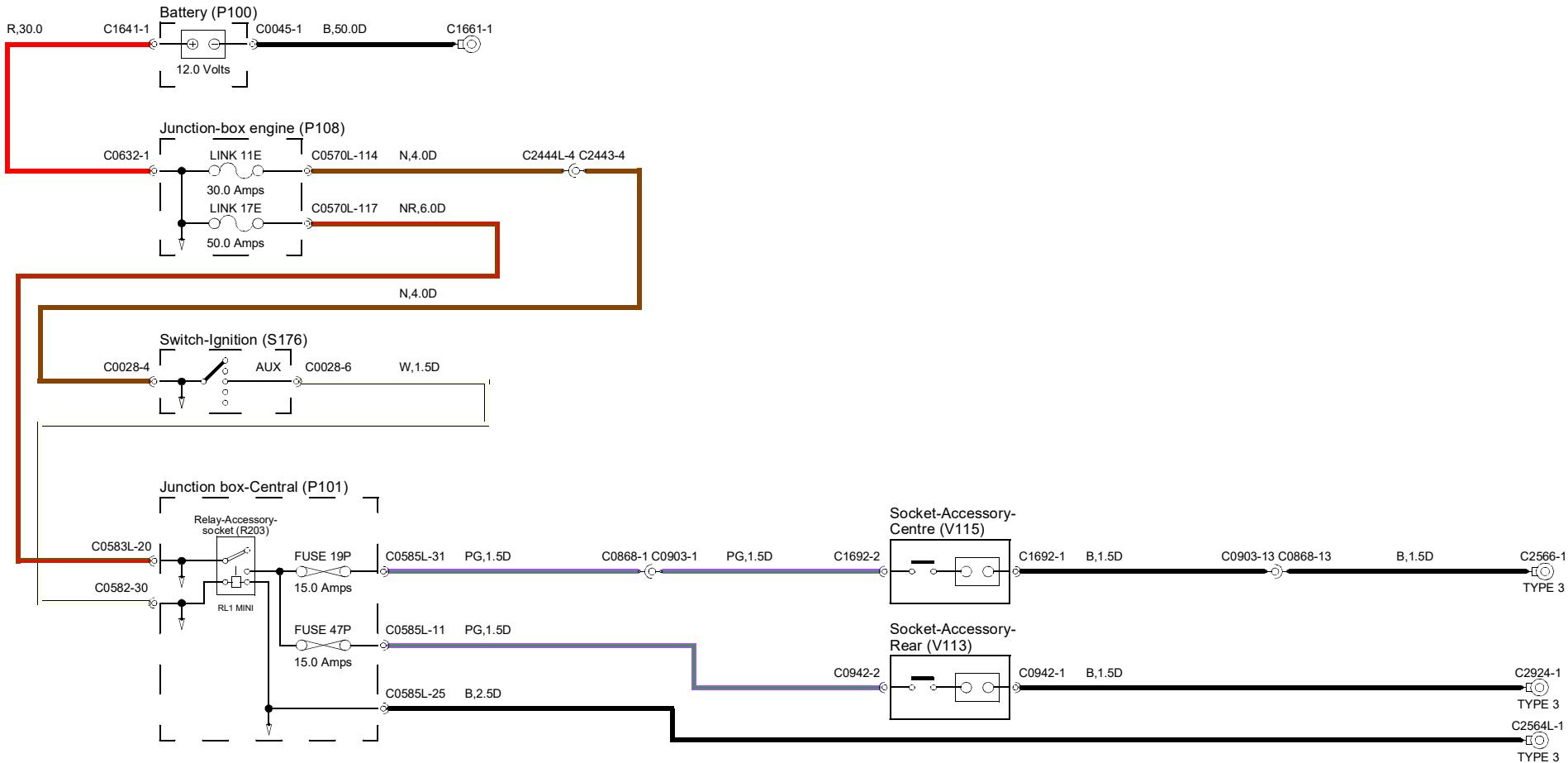


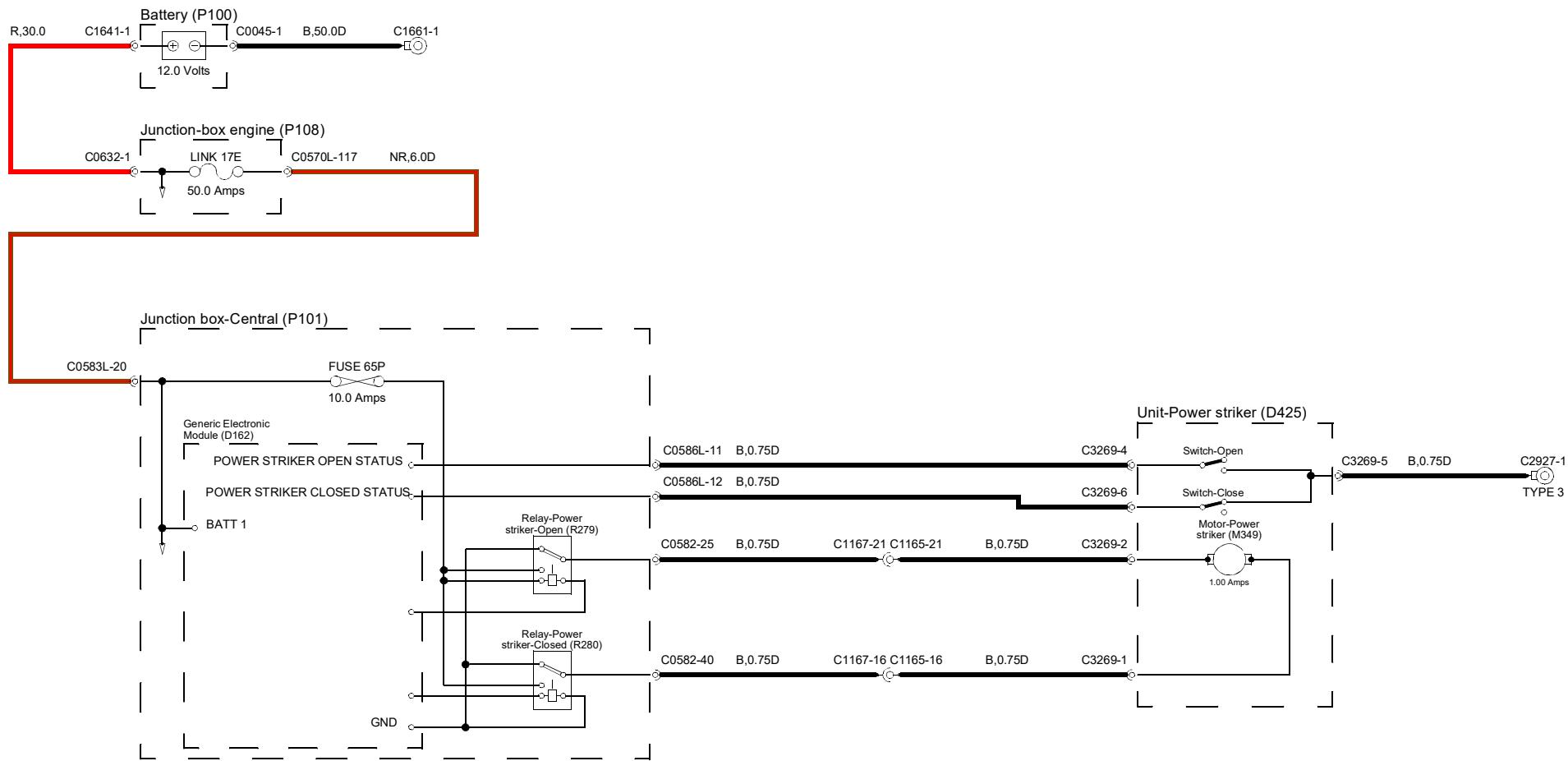


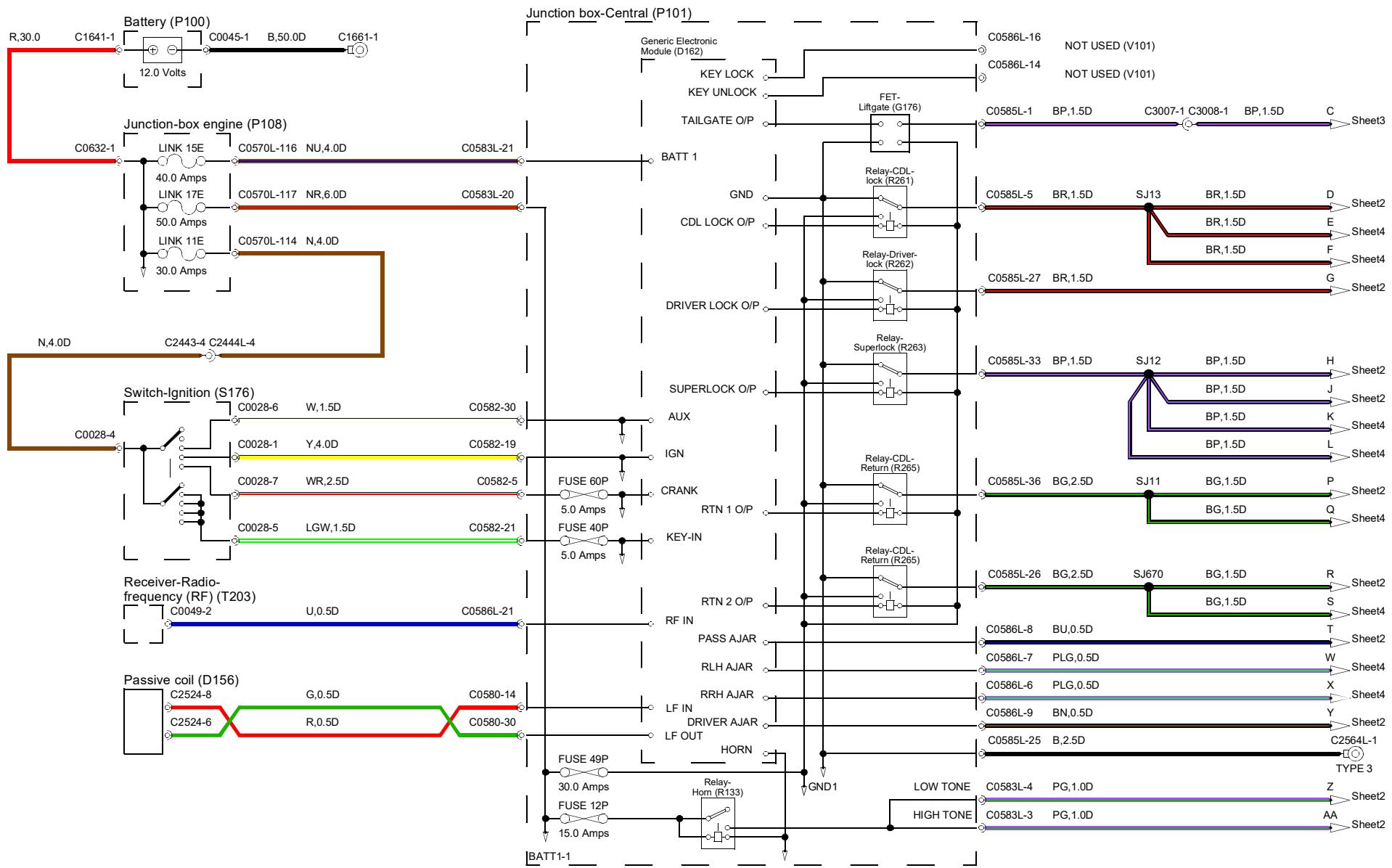


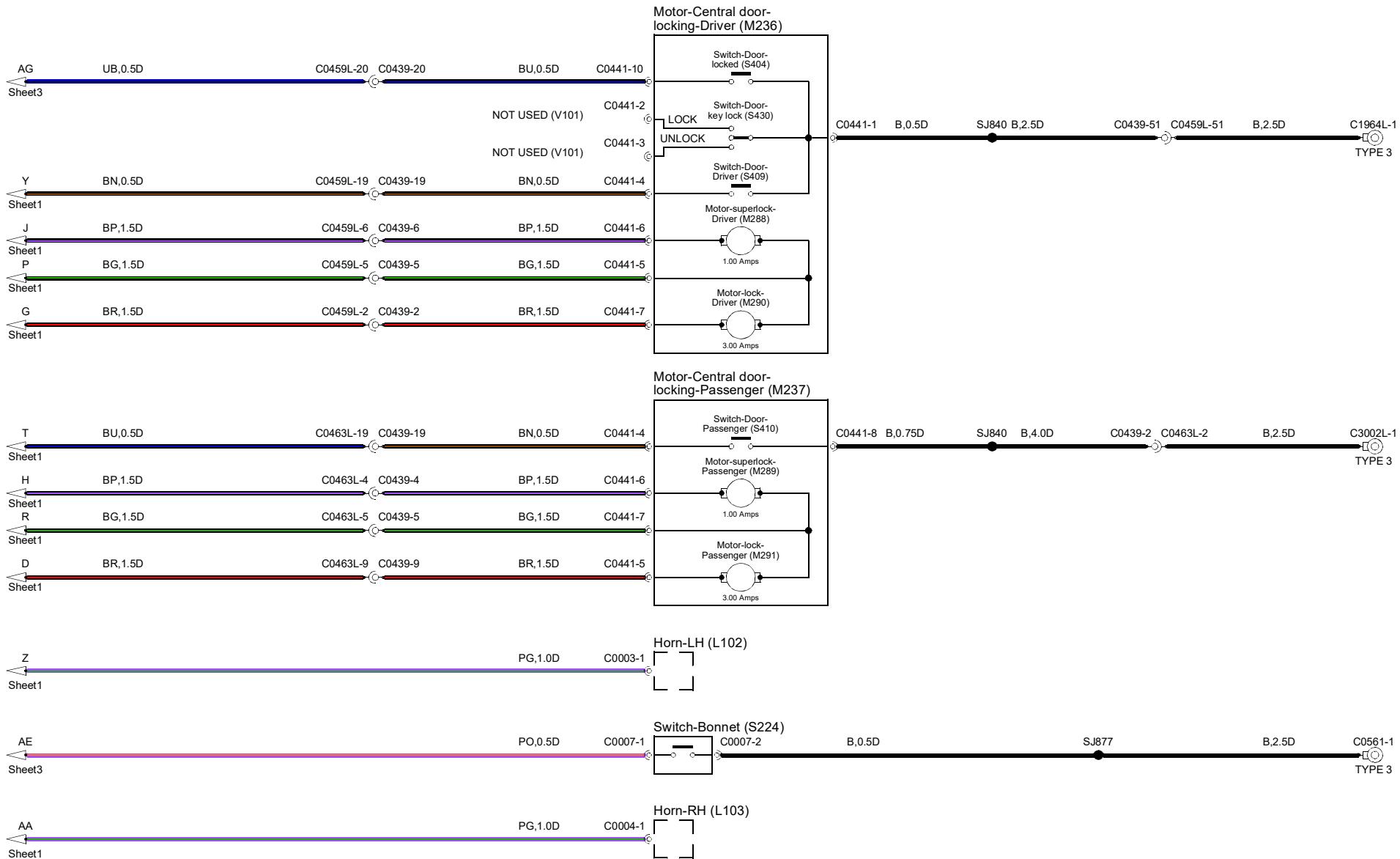


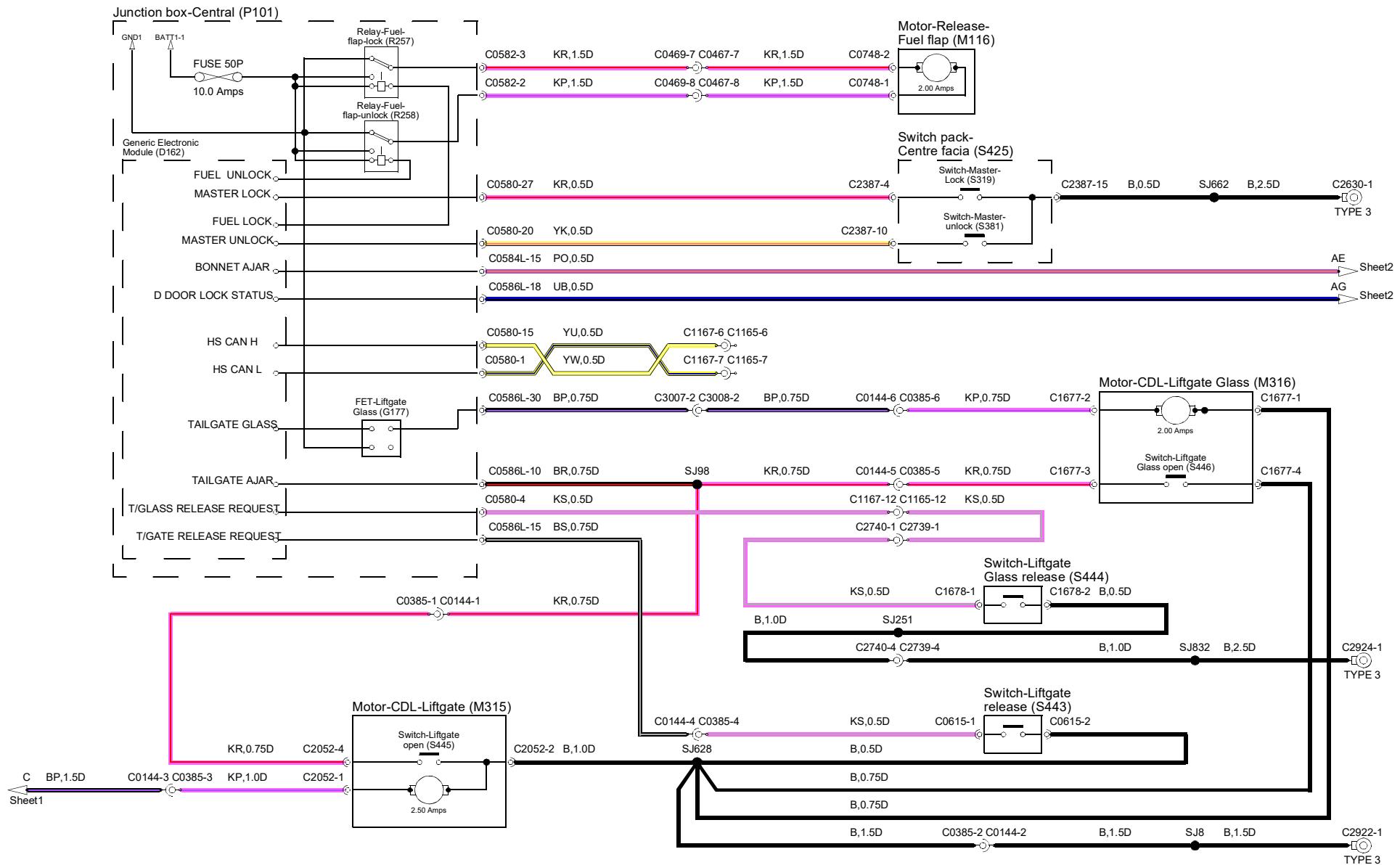
## 501-12 - INSTRUMENT PANEL AND CONSOLE

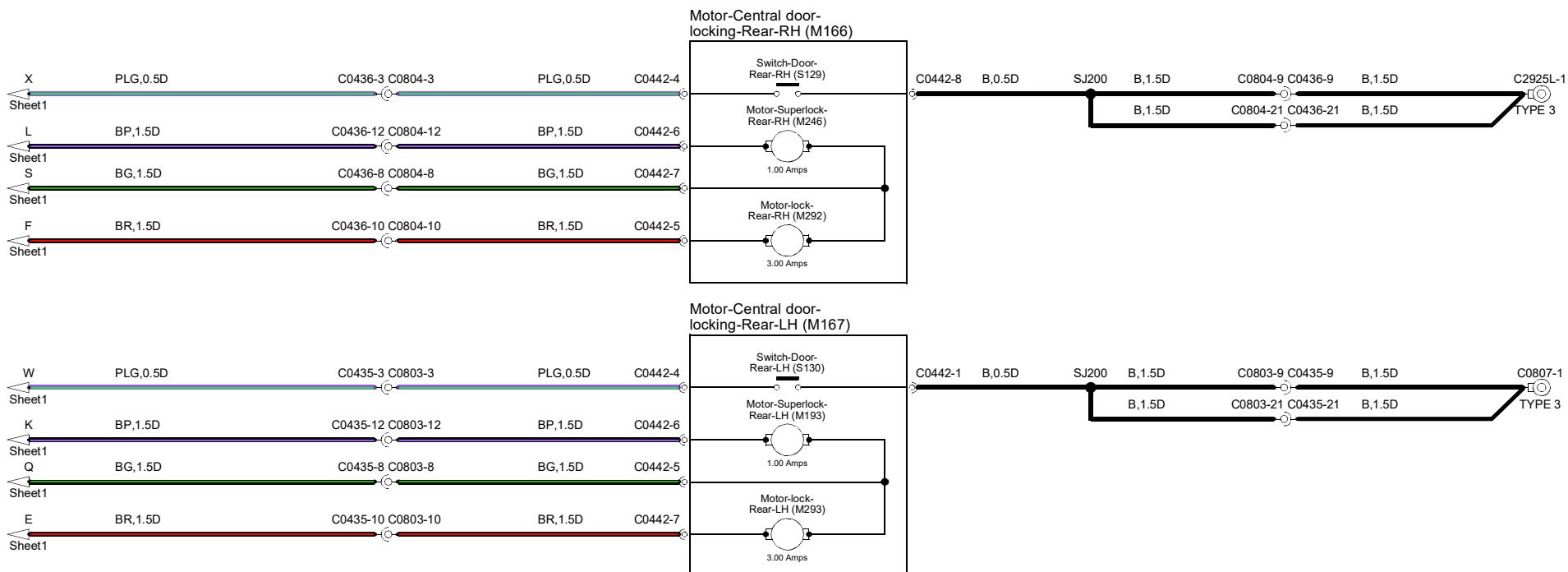


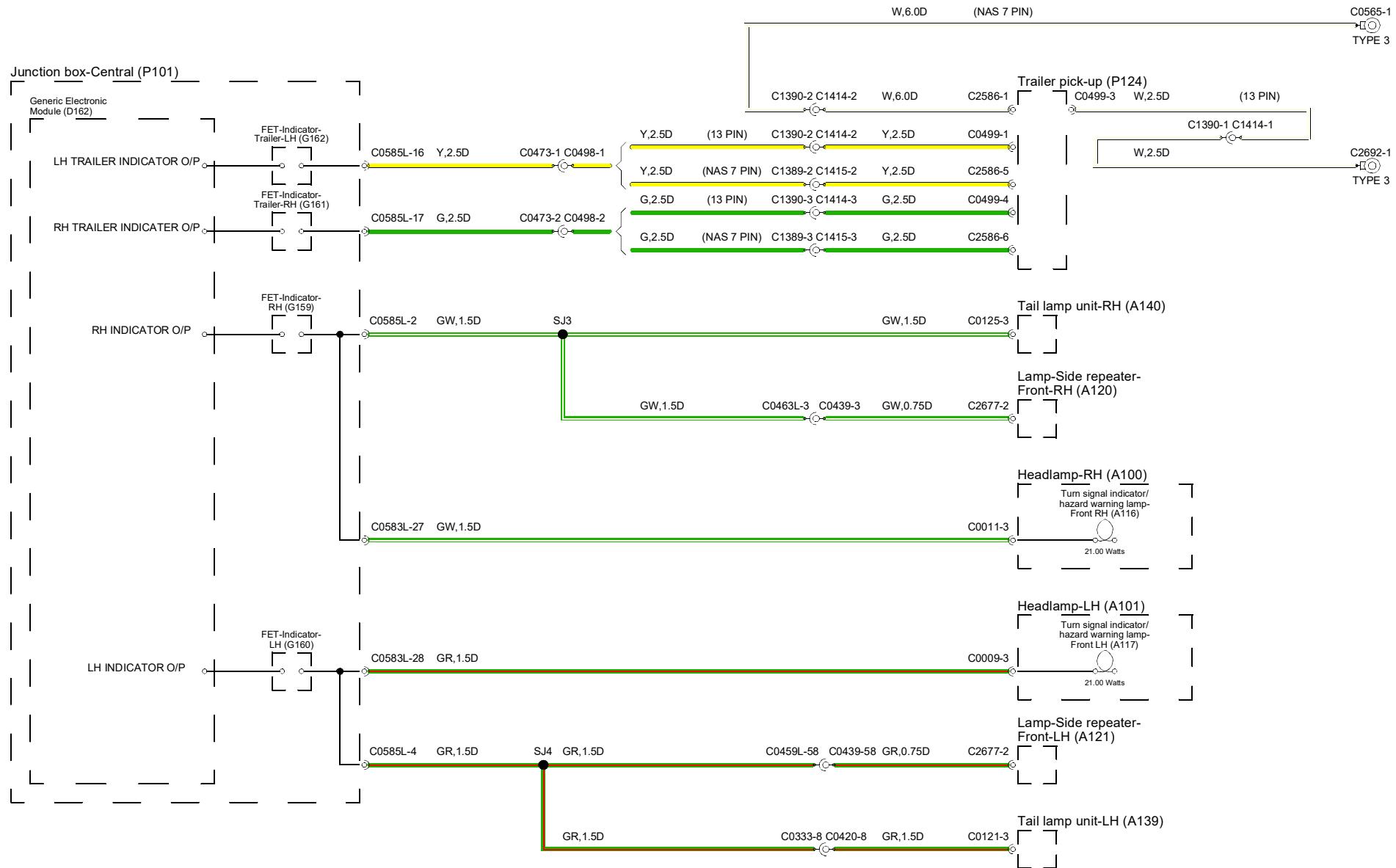


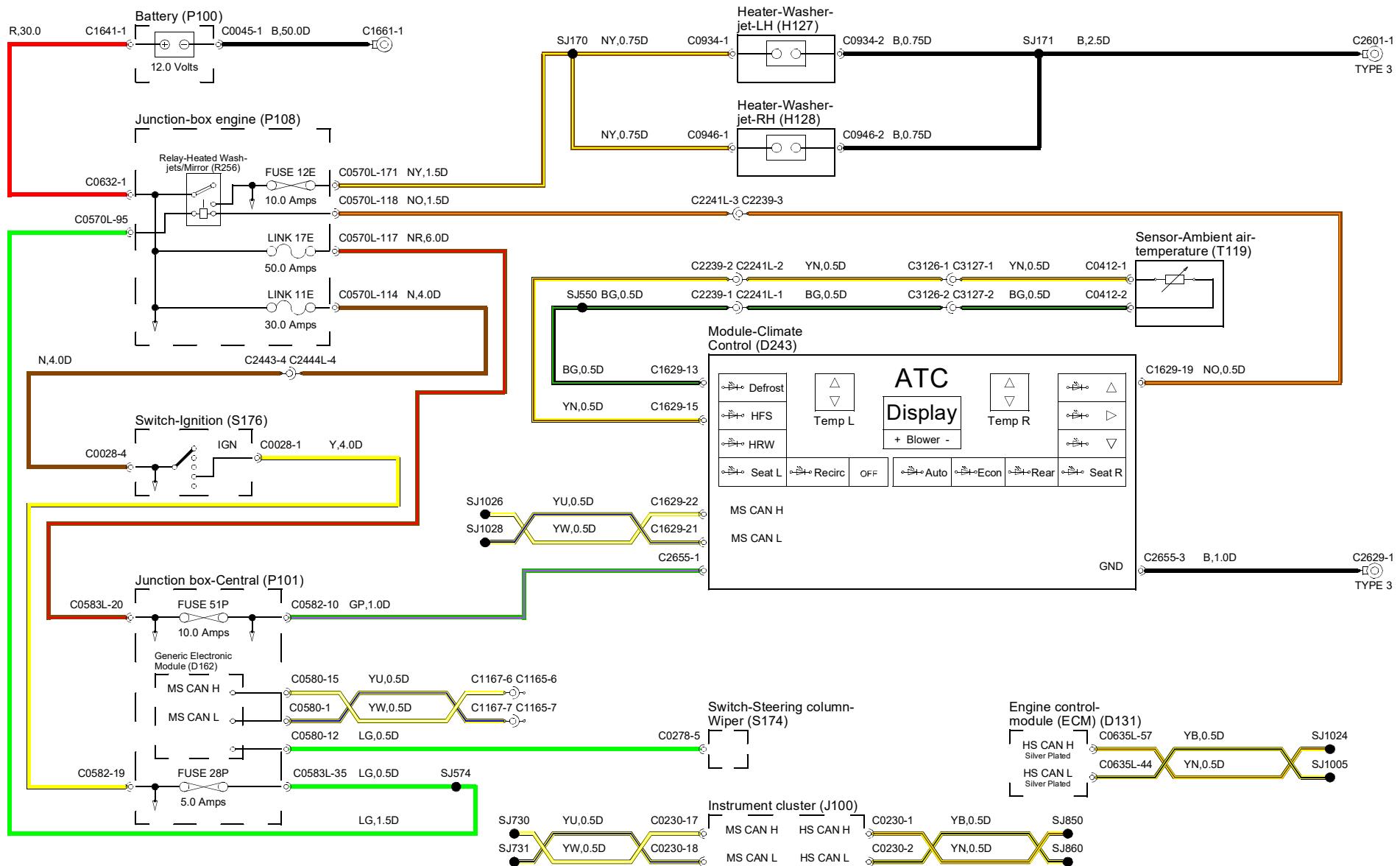


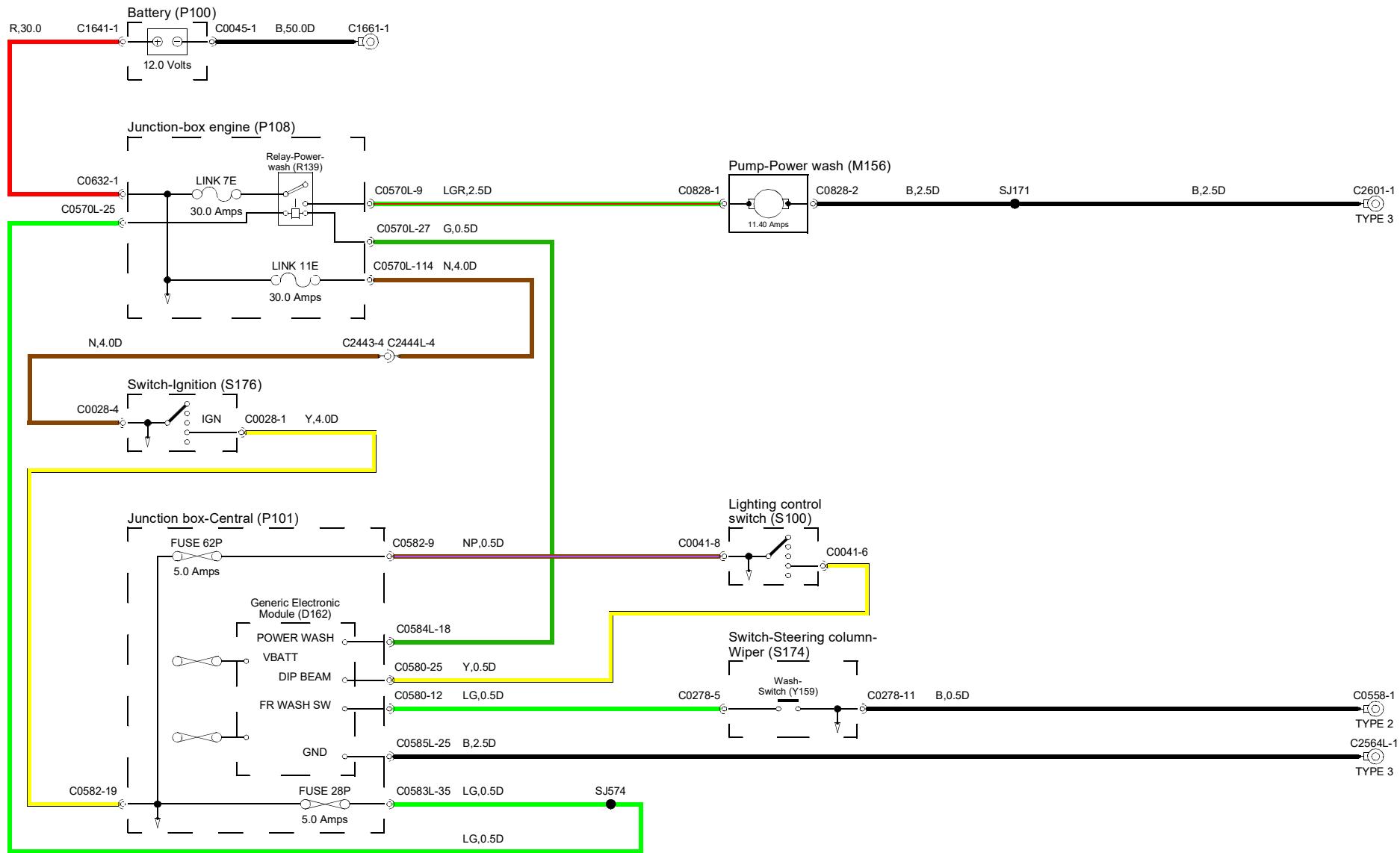


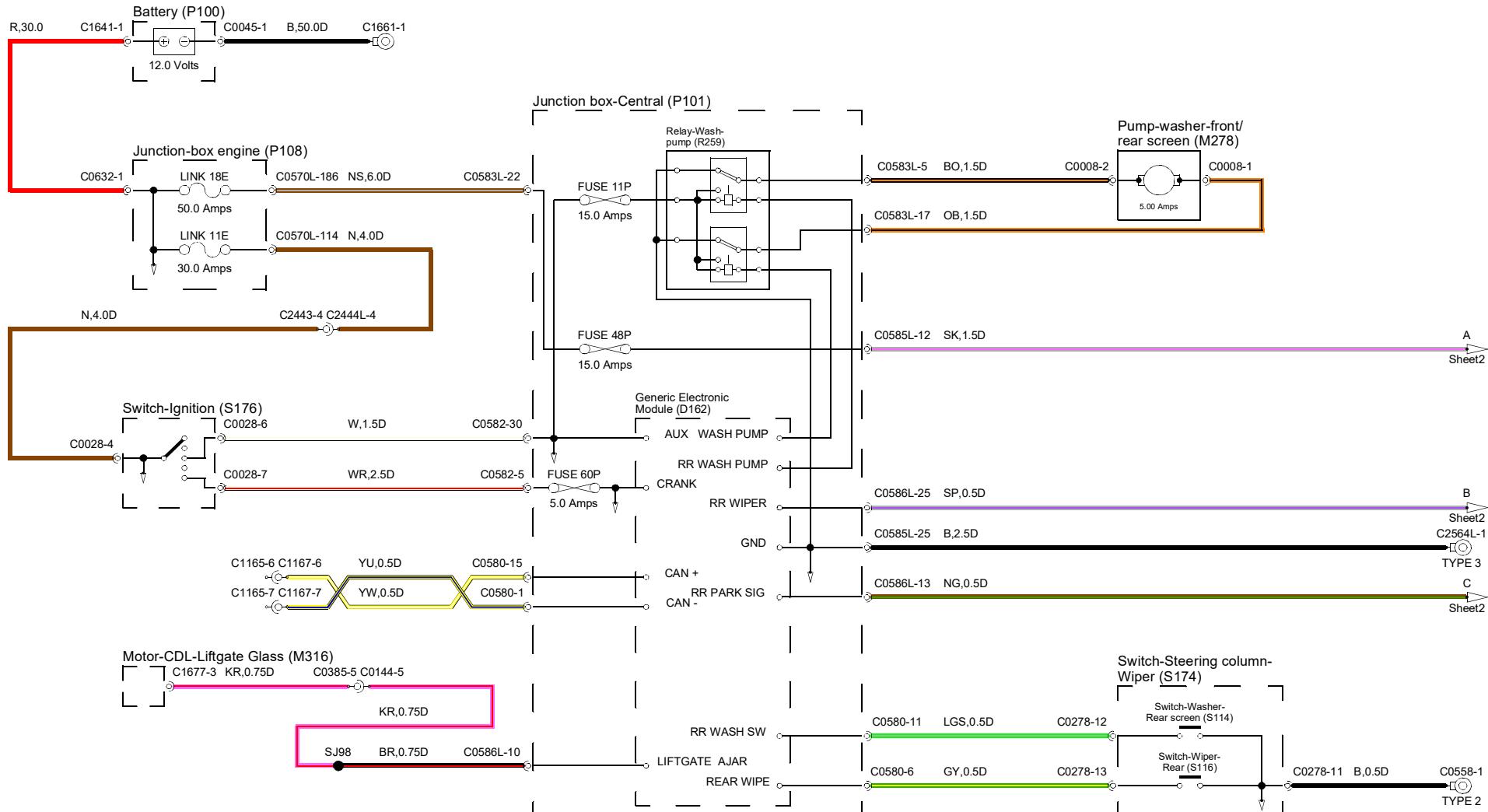


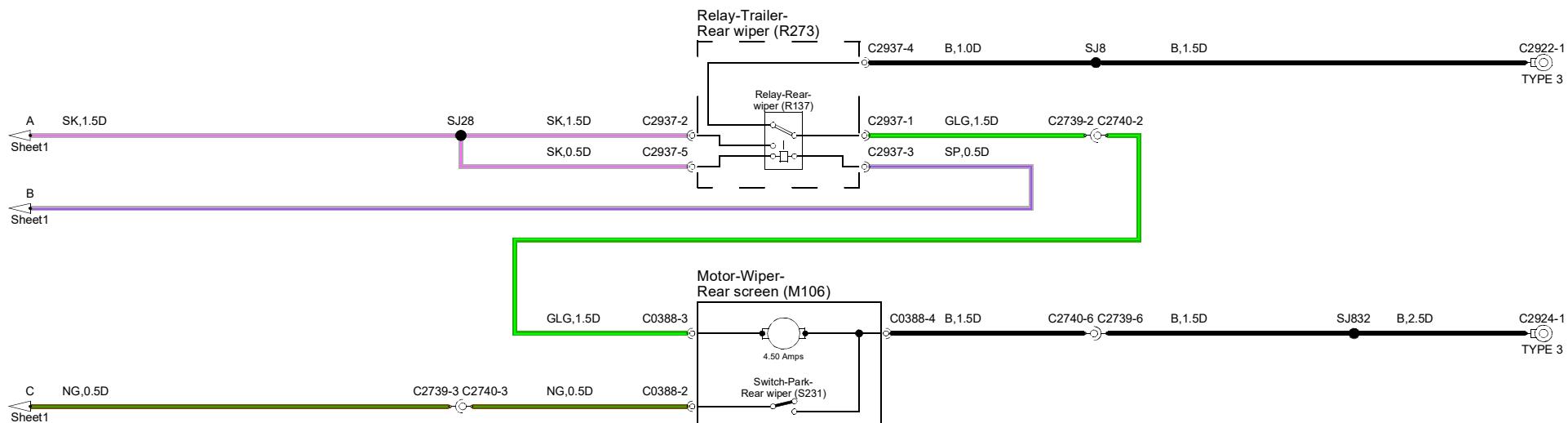


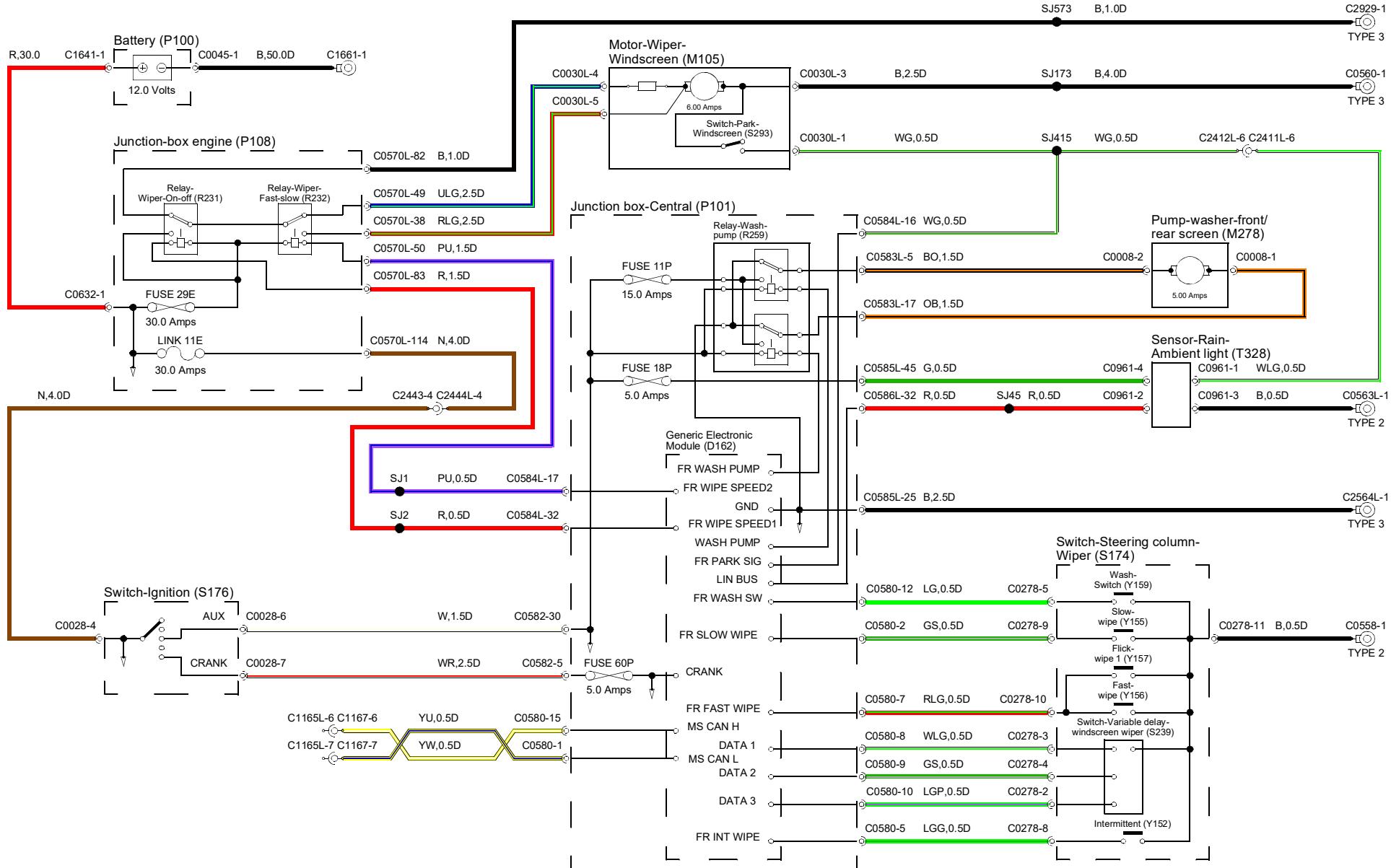












## 501-17 - ROOF OPENING PANEL

