



RANGE ROVER
2003MY

Electrical Circuit Diagrams

COLOUR CODES**DRAADKLEURCODES****CODICI COLORI DEI CAVI****CODES DES COULEURS DES FILS****CODIGOS DE COLORES DE LOS CABLES****KABELFARBCODES****CÓDIGOS DAS CORES DOS FIOS**

CODE	COLOUR	CODE	KLEUR	CODE	COULEUR	CODE	FARBE	CODICE	COLORE	CODIGO	COLOR	CÓDIGO	COR
B	BLACK	B	ZWART	B	NOIR	B	SCHWARZ	B	NERO	B	NEGRO	B	PRETO
G	GREEN	G	GROEN	G	VERT	G	GRÜN	G	VERDE	G	VERDE	G	VERDE
K	PINK	K	ROZE	K	ROSE	K	ROSA	K	ROSA	K	ROSA	K	ROSA
LG	LIGHT GREEN	LG	LIJCHTGROEN	LG	VERT CLAIR	LG	HELLGRÜN	LG	VERDE CHIARO	LG	VERDE CLARO	LG	VERDE CLARO
N	BROWN	N	BRUIN	N	BRUN	N	BRAUN	N	MARRONE	N	MARRON	N	CASTANHO
O	ORANGE	O	ORANJE	O	ORANGE	O	ORANGE	O	ARANCIONE	O	NARANJA	O	LARANJA
P	PURPLE	P	PAARS	P	VIOLET	P	LILA	P	PORPORA	P	PURPURA	P	ROXO
R	RED	R	ROOD	R	ROUGE	R	ROT	R	ROSSO	R	ROJO	R	VERMELHO
S	SLATE (grey)	S	LEIGRIJS	S	GRIS	S	GRAU	S	ARDESIA (grigio)	S	PIZARRO (gris)	S	CINZENTO
T	TRANSPARENT	T	TRANSPARANT	T	TRANSPARENT	T	TRANSPARENT	T	TRASPARENTE	T	TRANSPARENTE	T	TRANSPARENTE
U	BLUE	U	BLAUW	U	BLEU	U	BLAU	U	BLU	U	AZUL	U	AZUL
W	WHITE	W	WIT	W	BLANC	W	WEISS	W	BIANCO	W	BLANCO	W	BRANCO
Y	YELLOW	Y	GEEL	Y	JAUNE	Y	GELB	Y	GIALLO	Y	AMARILLO	Y	AMARELO

CONTENTS

1 POWER DISTRIBUTION	8	9 STEERING WHEEL	62
Engine Compartment Fuse Box - V8	8	Adjustable	62
Passenger Compartment Fuse Box	10	Adjustable - Memory	64
Rear Fuse Box	16	Heated	66
2 EARTH DISTRIBUTION	18	9 STEERING	68
3 ANTI-THEFT ALARM	28	10 DIAGNOSTIC SOCKET	70
3 ENGINE IMMOBILISATION	30	11 BODY CONTROL UNIT	72
V8	30	15 CHARGING AND STARTING	76
4 CENTRAL DOOR LOCKING	32	V8	76
5 WINDOWS	34	20 ENGINE MANAGEMENT SYSTEM	78
Front	34	V8	78
Rear	36	20 FUEL PUMP	84
6 SUNROOF	38	20 SECONDARY AIR INJECTION	86
7 DOOR MIRRORS	40	22 COOLING FANS	88
Memory	42	31 CRUISE CONTROL	90
Folding	44	32 ELECTRONIC AUTOMATIC TRANSMISSION	92
7 INTERIOR MIRROR	46	ZF	92
8 SEATS	48	34 AIR SUSPENSION	94
Front	48	35 ANTI-LOCK BRAKING SYSTEM (ABS)	96
Memory	50	36 SUPPLEMENTARY RESTRAINT SYSTEM (SRS)	98
Memory - Contour	52		
Lumbar Support - Electric	54		
Lumbar Support - Manual	56		
Heated - Front	58		
Heated - Rear	60		
		38 AIR TEMPERATURE CONTROL (ATC)	100
		Low-Line	100
		High Line	102
		Rear	104
		39 FUEL BURNING HEATER	106
		V8	106
		40 HEATED FRONT SCREEN	108
		40 HEATED REAR SCREEN	110
		42 WIPERS AND WASHERS	112
		Front	112
		Rear	114
		Heated	116
		Headlamps	118
		43 EXTERIOR LAMPS	120
		Head, side and tail lamps	120
		Head, side and tail lamps - Xenon	122
		Headlamp levelling - Automatic	124
		Direction indicator lamps\hazard warning	126
		Brake and reverse lamps	128
		Fog lamps - Front	130
		Fog lamps - Rear	132
		44 INTERIOR LAMPS	134
		46 INTERIOR ILLUMINATION	138
		47 INSTRUMENTS	144
		47 ROTARY COUPLER	148

CONTENTS

48 CLOCK	150
48 HORN (S)	152
49 ACCESSORY SOCKET	154
49 CIGAR LIGHTER	156
50 AUDIO SYSTEMS	158
Amplifier	160
Digital Signal Processor	162
Logic 7	164
CD Player	168
55 NAVIGATION SYSTEMS	170
NAS	170
60 HEADER JOINTS	172
65 SPLICES AND CENTRE TAPS	176
70 COMMUNICATION DATA BUSES	190
CAN Bus	190
K Bus, I Bus	192
73 TYRE PRESSURE MONITORING	194
75 PARK DISTANCE CONTROL (PDC)	196
76 TELECOMMUNICATION SYSTEMS	198
Voice Recognition	198
80 TRAILER SOCKET	200
NAS	200

CONTENTS

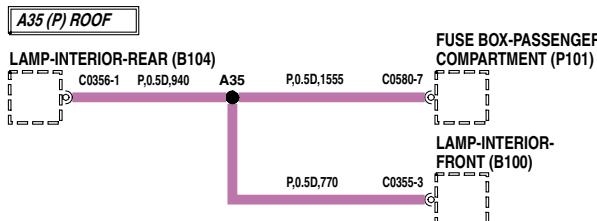
HOW TO USE THE CIRCUIT DIAGRAMS

All of the information in this publication is intended for use in conjunction with the Electrical Library, which can be found on RAVE.

The circuit diagrams are presented with Power and Earth distribution first, followed by individual circuits for each electrical system on the vehicle.

Power Distribution

The Power Distribution diagram shows the connections from the battery to the engine, passenger, and where applicable, rear fuse box. It also shows the internal circuitry of the fuse boxes.



M86 5963

The fuse box details are followed by independent functionally specific circuits and then a splices and centre taps section outlining the way in which internal harness splices and centre taps distribute power in the harnesses. This information should be used during diagnosis of electrical faults to check for symptoms in associated circuits and narrow down the search area.

Earth Distribution

The earth distribution section comprises a number of Headers and Splices circuits. These are used in a similar manner to those in Power Distribution; to narrow the search area by checking for fault symptoms in associated circuits.

Splices and centre taps

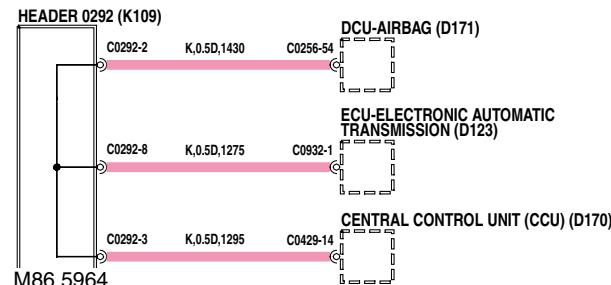
Header and splice tables present the joint(s) and wiring up to the first component. Splices are identified by a number with an alphabetical prefix and the wire colour.

The splice information shown on individual system circuits is not complete. Always refer to the splices circuit for complete information on each splice.

Wire length (Power & Earth Distribution only)

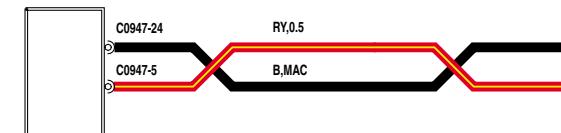
The length of the wire is shown in millimetres. This can be used to locate internal harness splices; look for the shortest wire between the joint and connector. For example, it can be seen that C0580-7 is 1555mm from joint A35.

Connectors



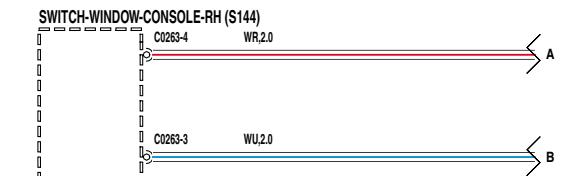
Header joints are identified by their corresponding connector number with a numbered suffix to indicate the pin-out detail of the wire, i.e. C0292-1 identifies connector 292, pin number 1. Wire insulation colour is identified in the normal way. Where wires have a predominant colour with a secondary colour tracer, the main colour is identified first, i.e. LGS - Light Green with a Slate tracer.

Line Types



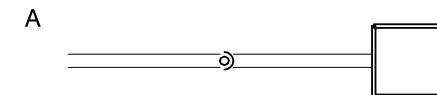
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This denotes the wires are a twisted pair.



M86 5968

These page break symbols indicate the circuit continues on later pages.



86M4230A

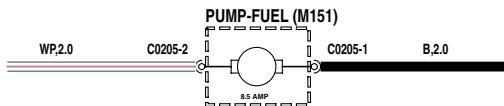
The cup and ball symbol indicates the male and female halves of connector.

A. Plug on lead (Flylead) wired directly to the component.

B. Connector plugs directly into component.

HOW TO USE THE CIRCUIT DIAGRAMS

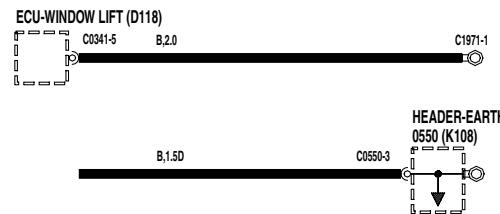
Components



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The name or description of the component is shown. A dotted outline indicates that the component is not shown in its entirety.

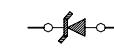
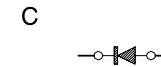
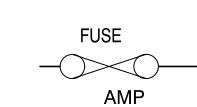
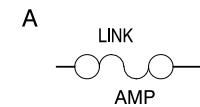
Earth points



M86 5966

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

Fuses and Diodes

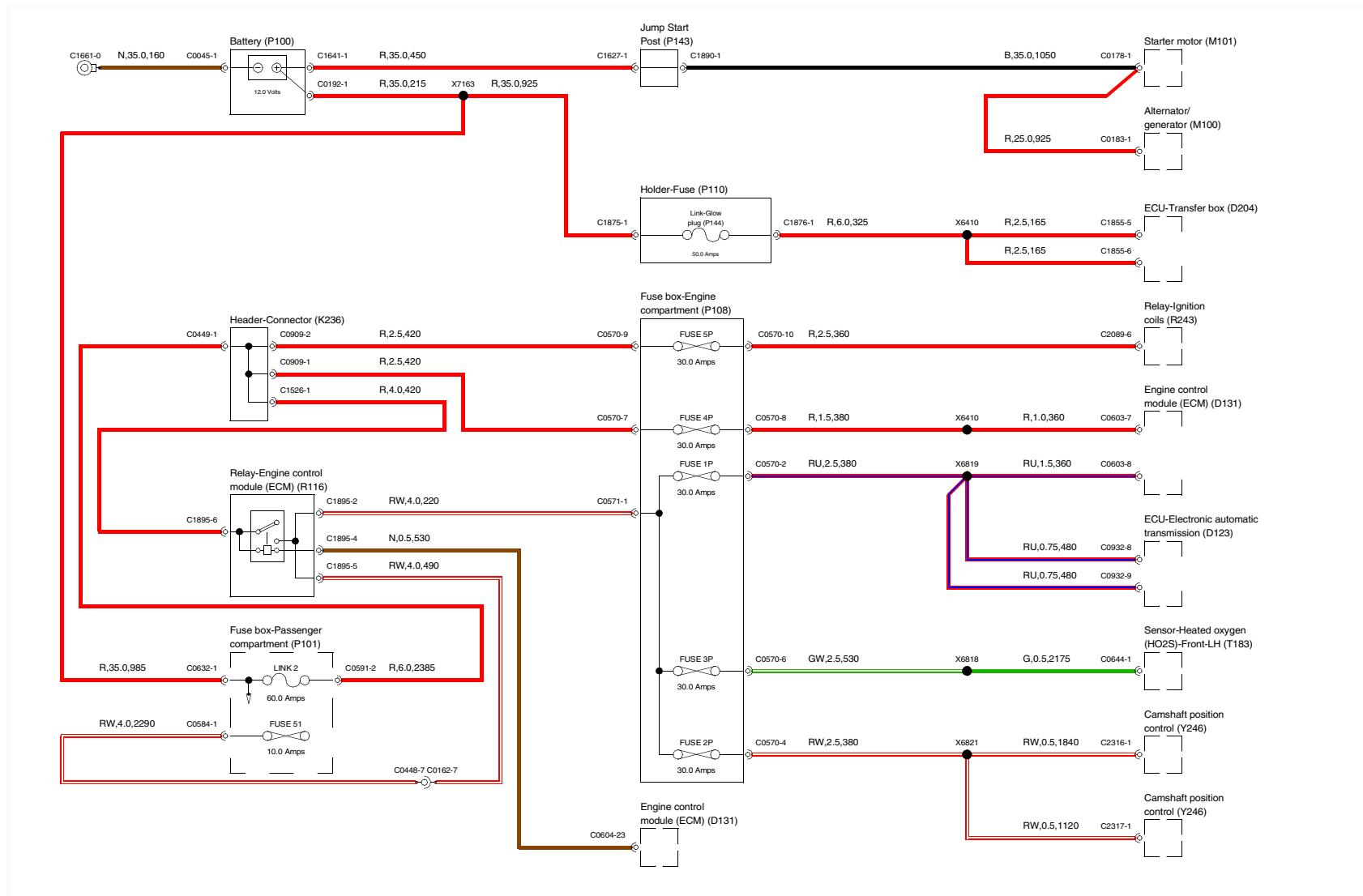


Fusible links (A) and current rated fuses (B) are identified as shown.

The direction of the arrow in a Diode symbol (C) indicates the direction of current flow. The Zener diode (D) - prevents current flow until a precise voltage is reached.

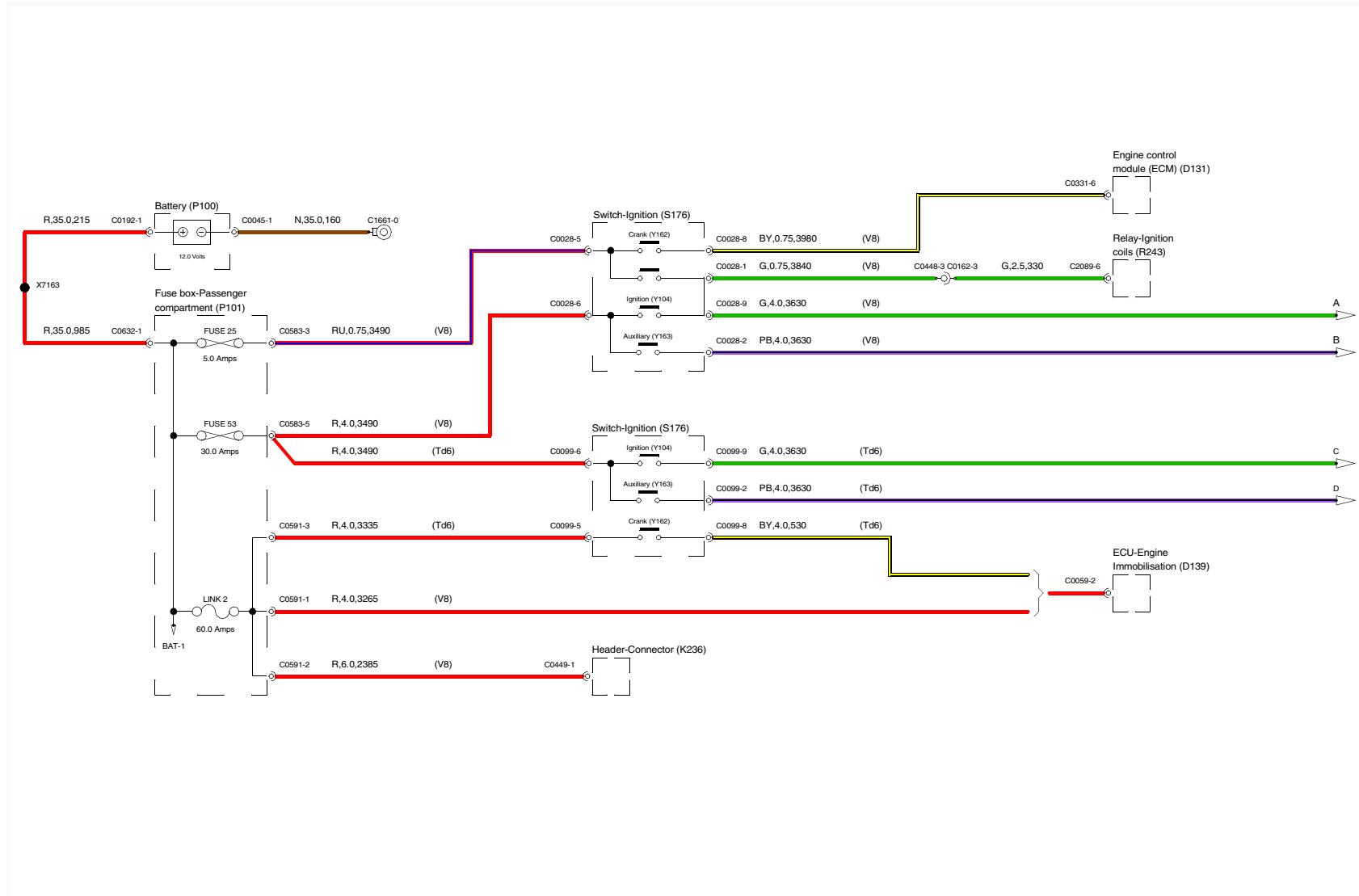
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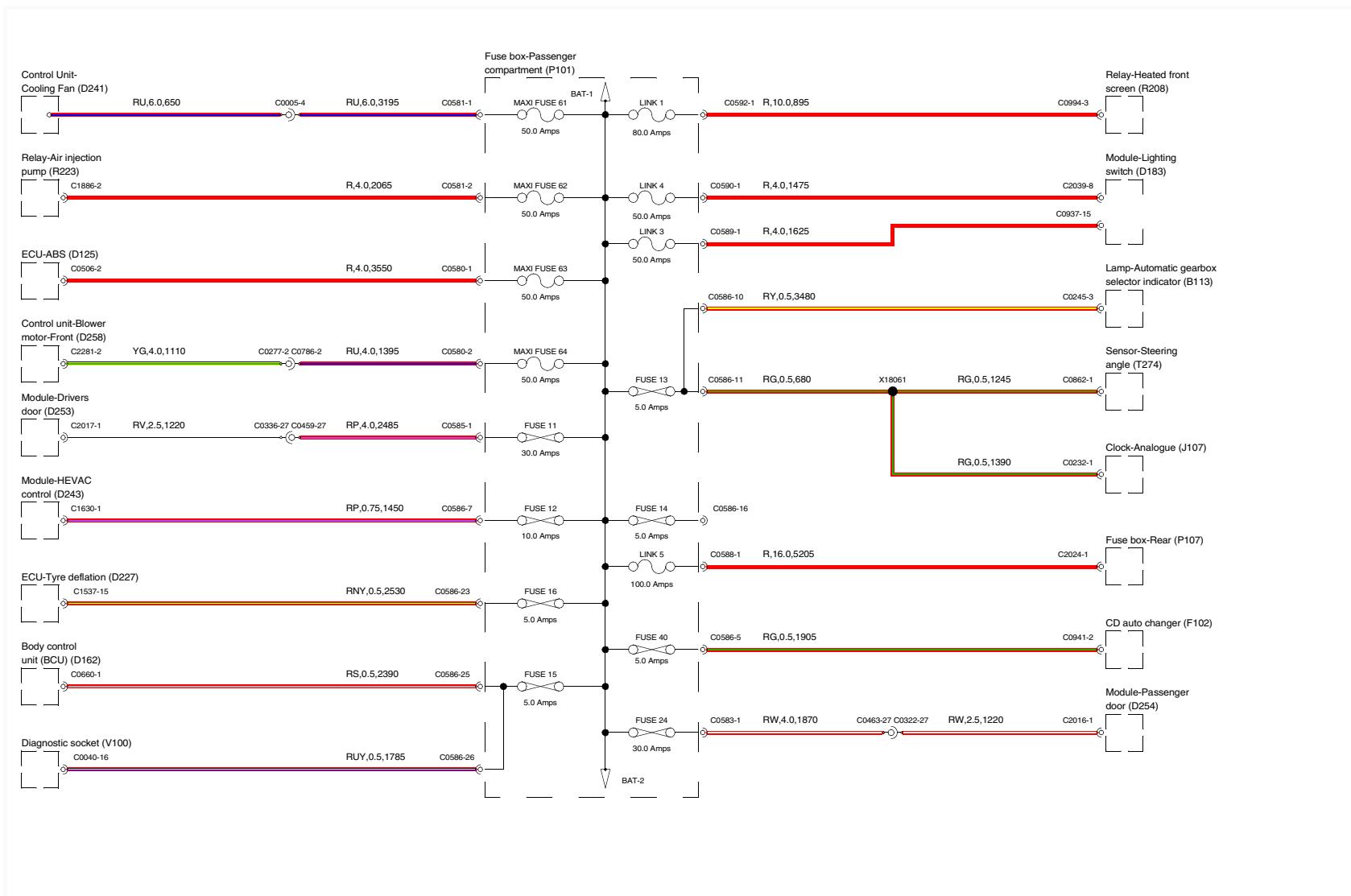
Engine Compartment Fuse Box - V8



1 POWER DISTRIBUTION

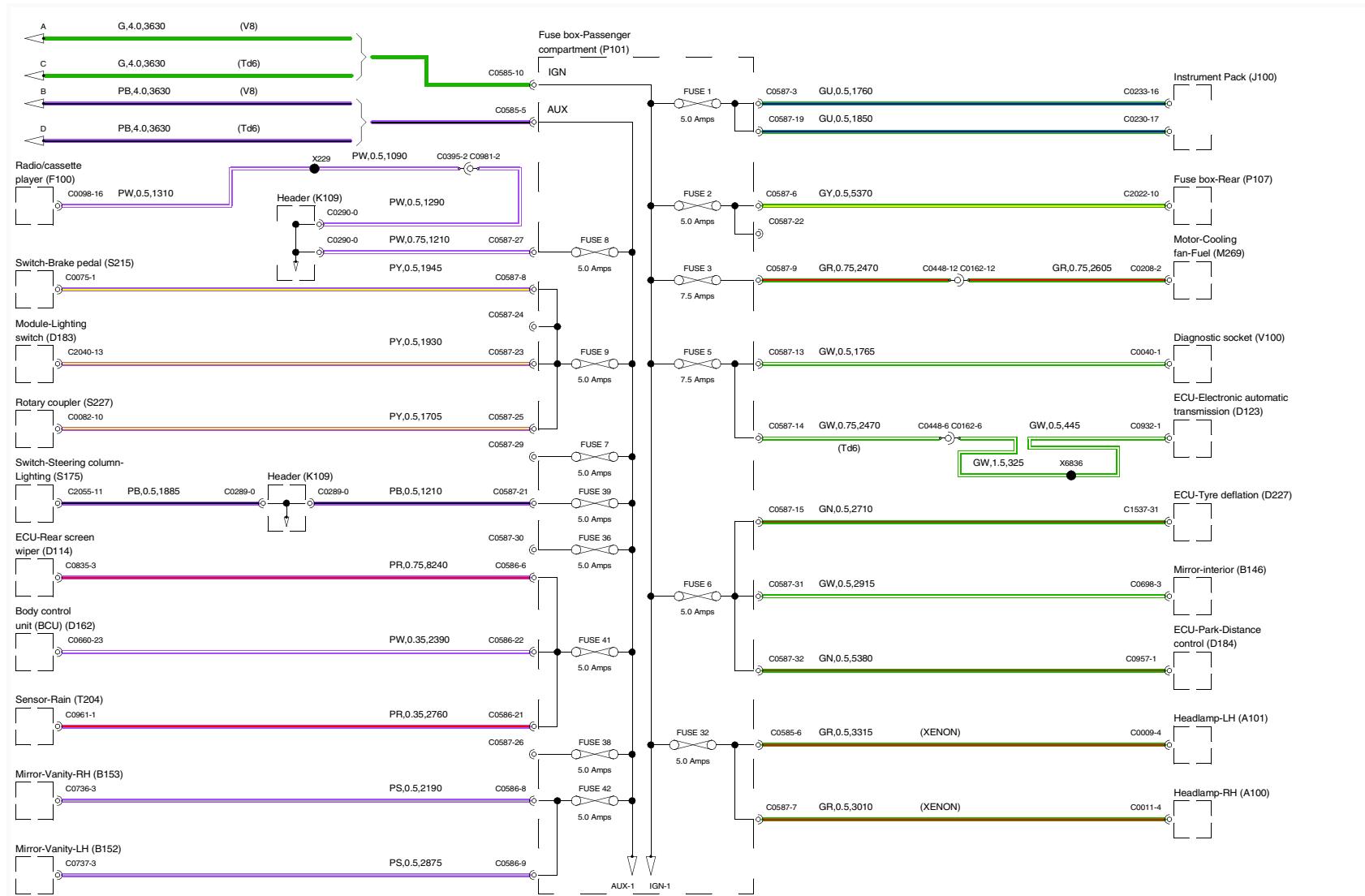
Passenger Compartment Fuse Box

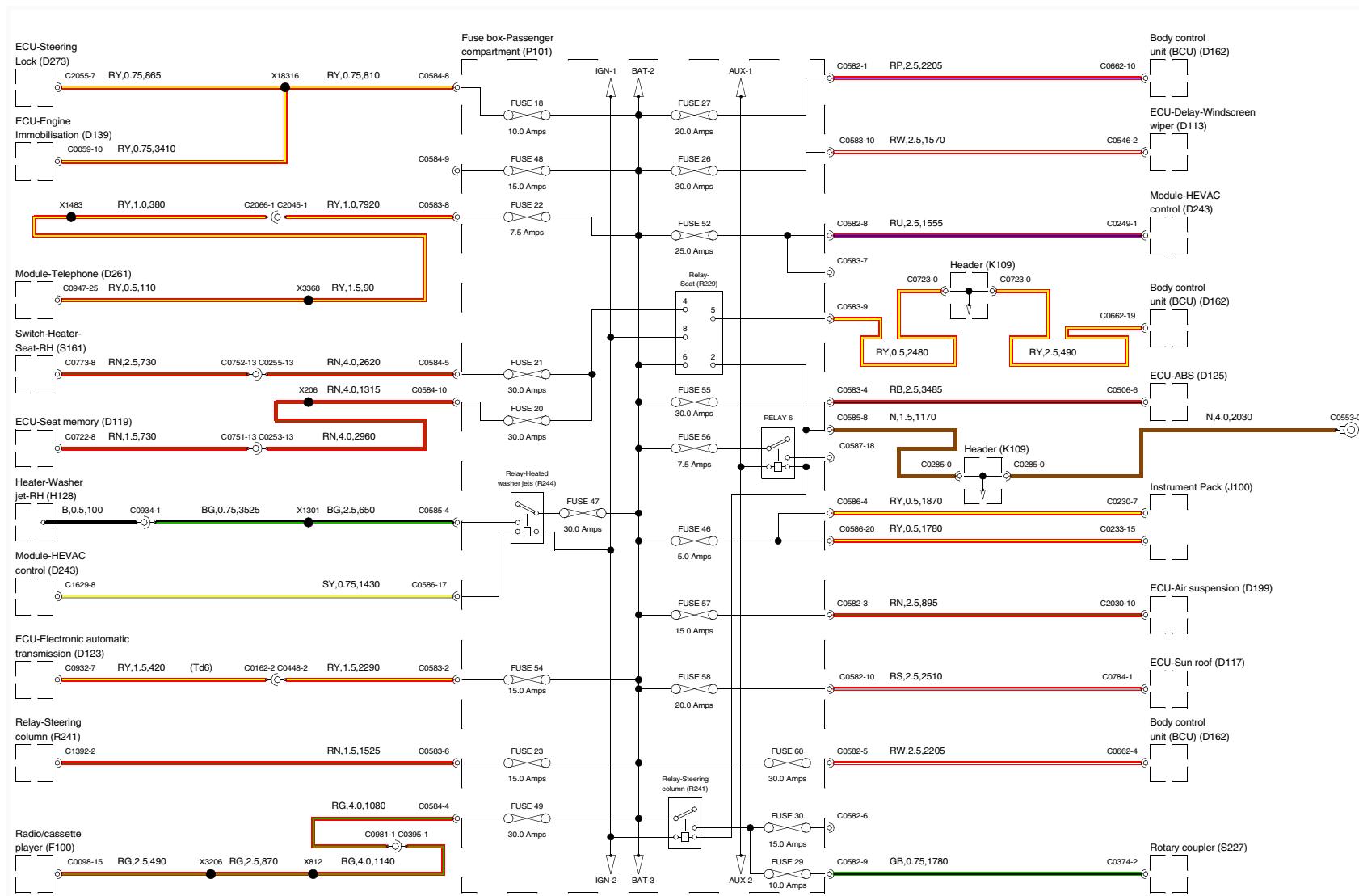




1 POWER DISTRIBUTION

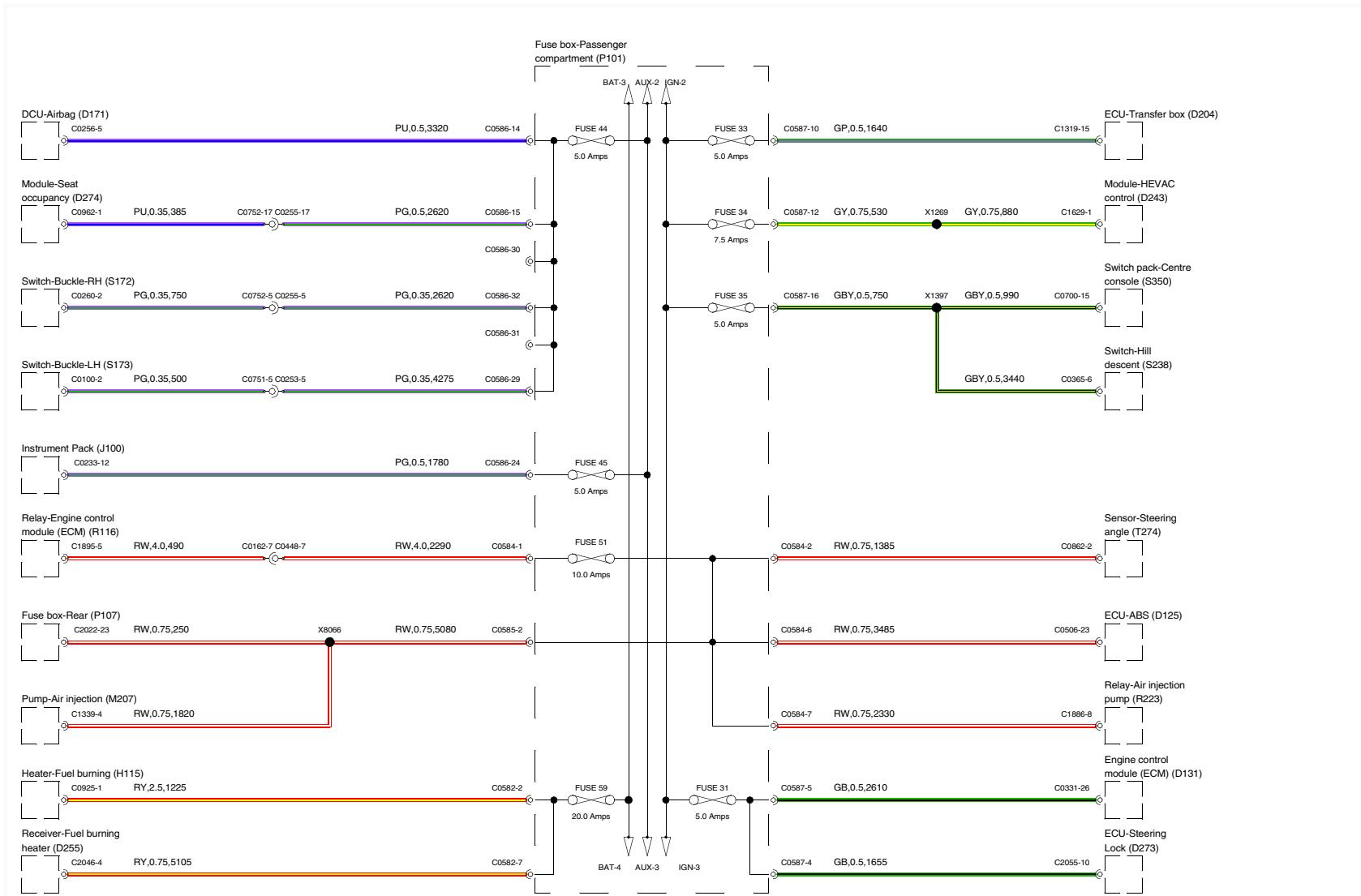
Passenger Compartment Fuse Box

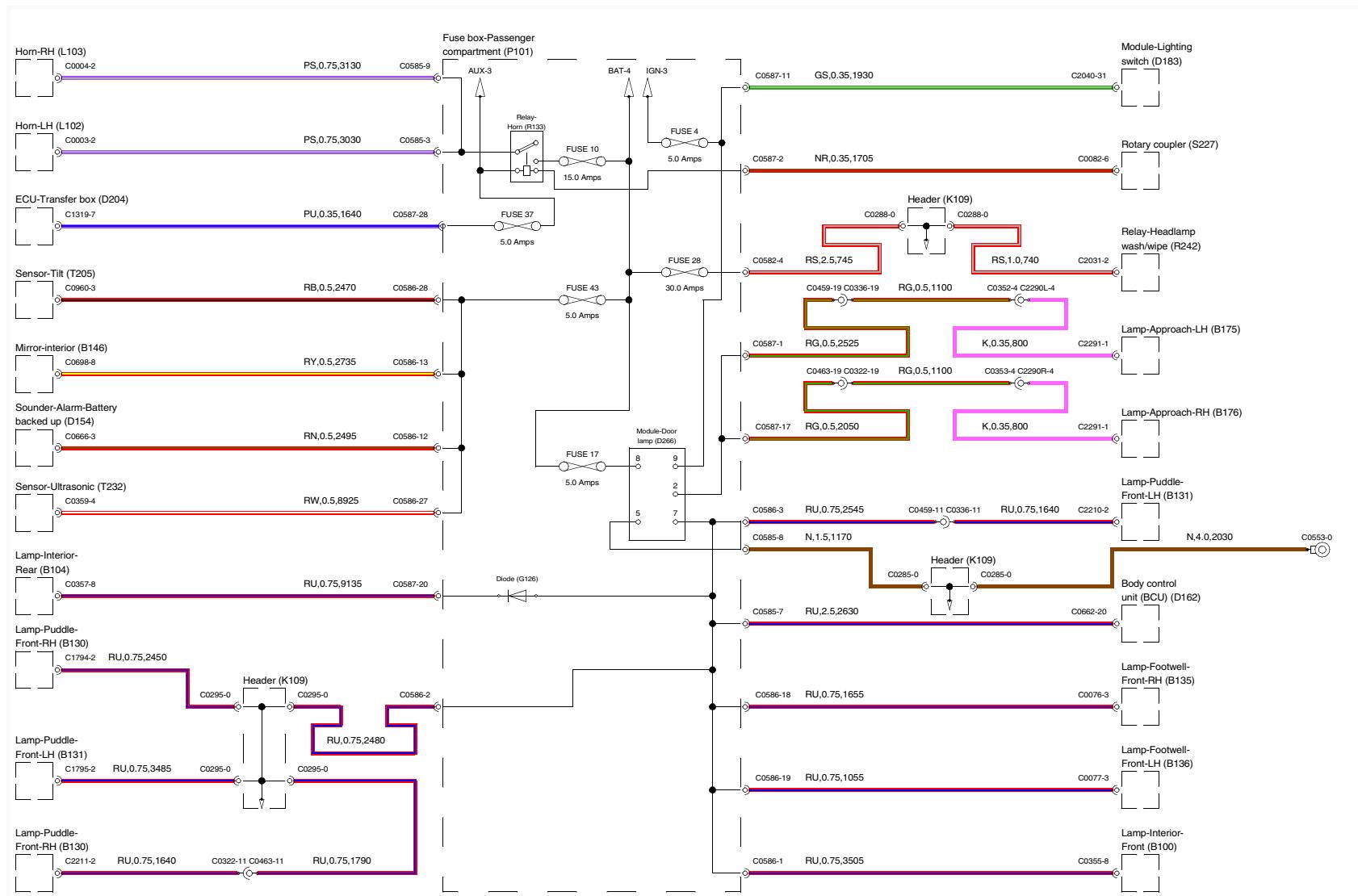




1 POWER DISTRIBUTION

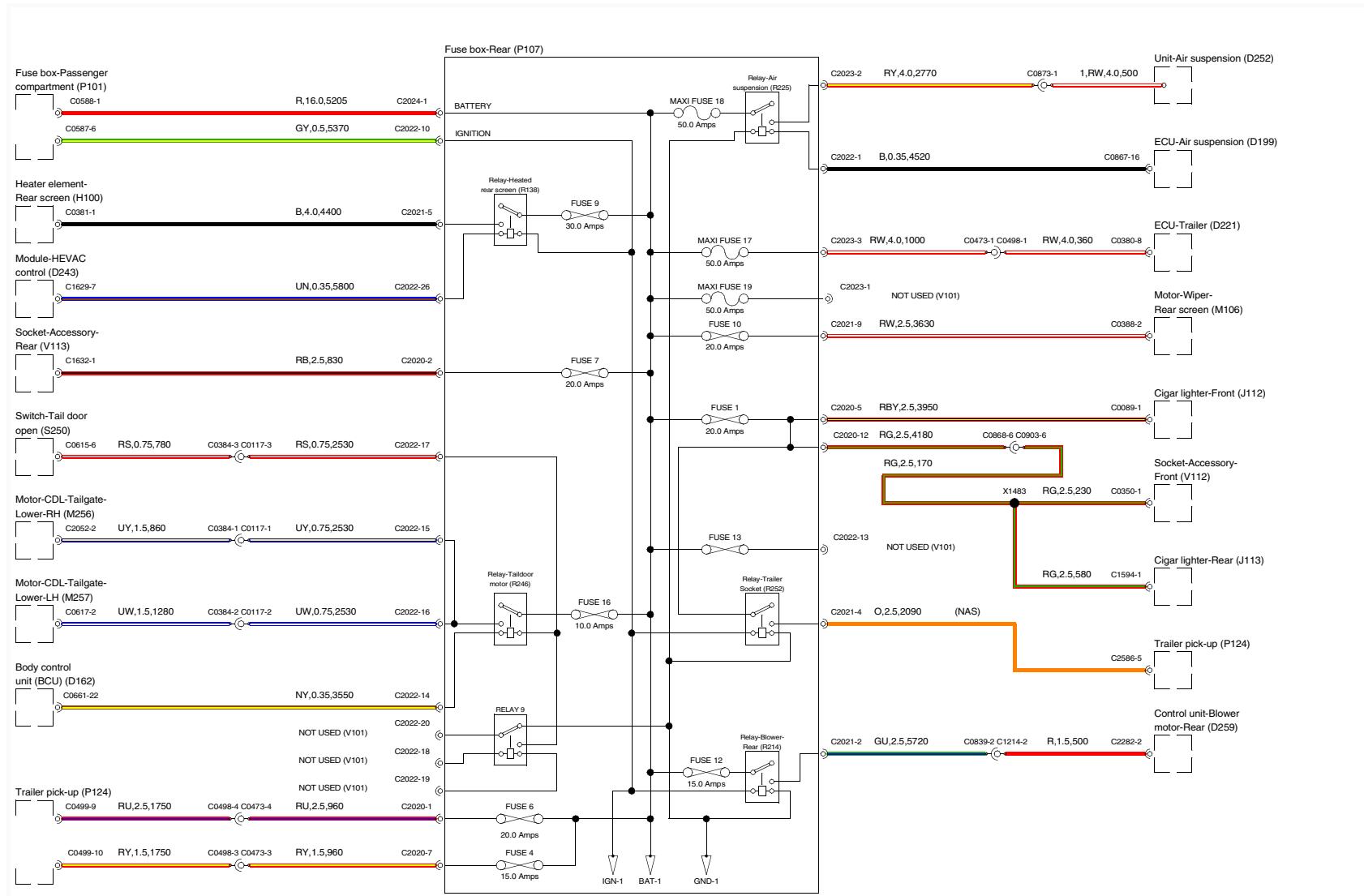
Passenger Compartment Fuse Box

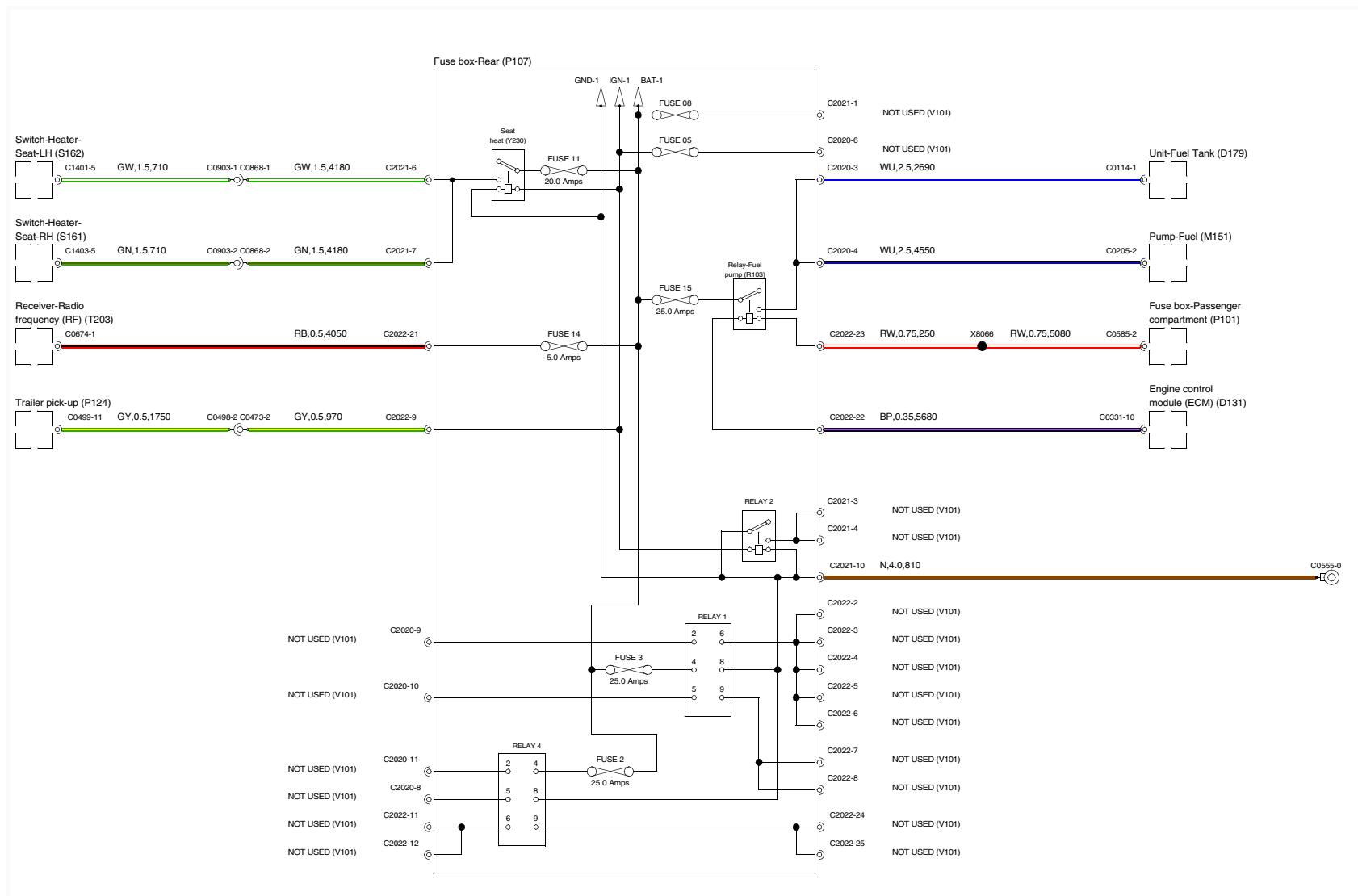




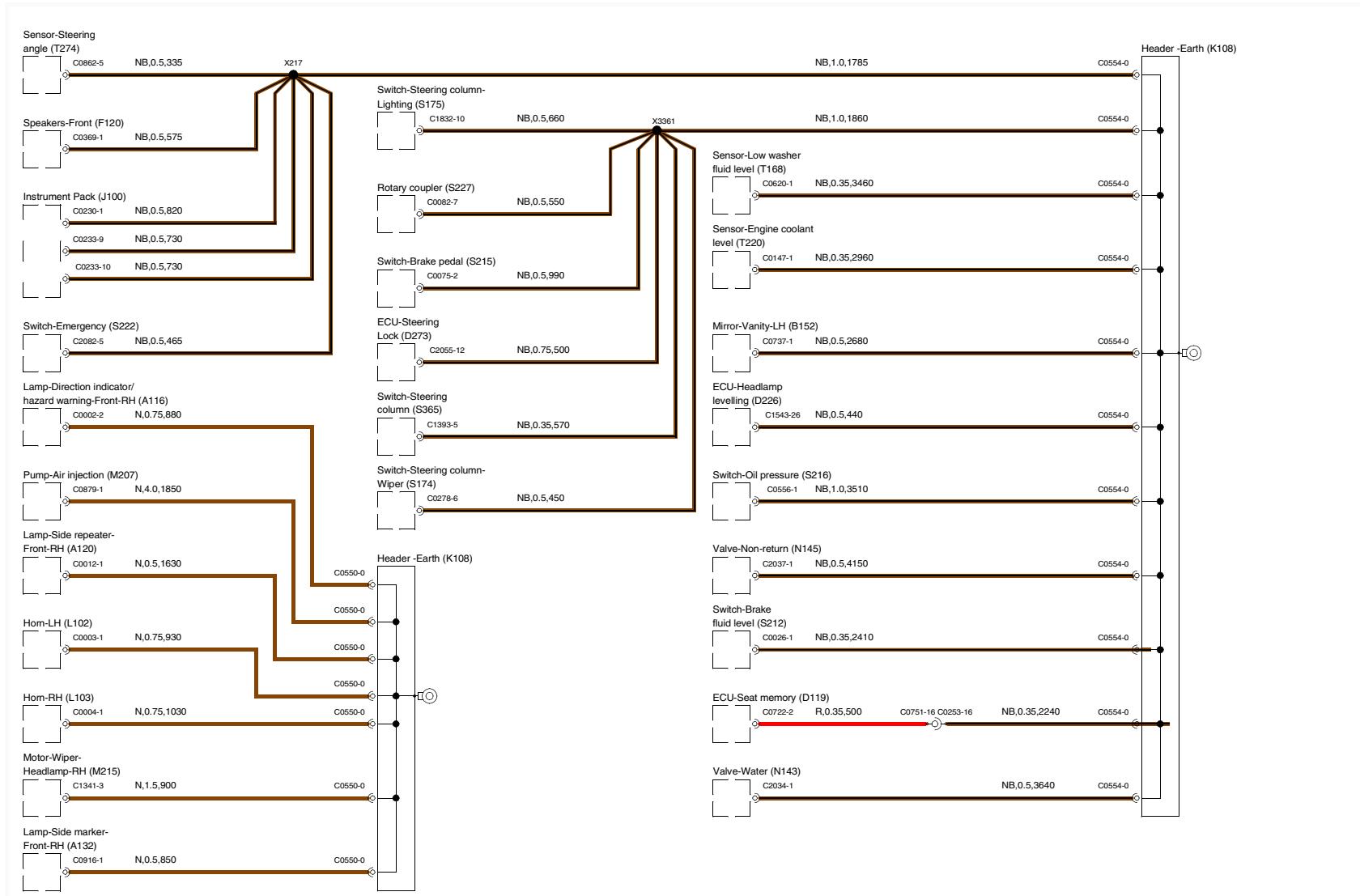
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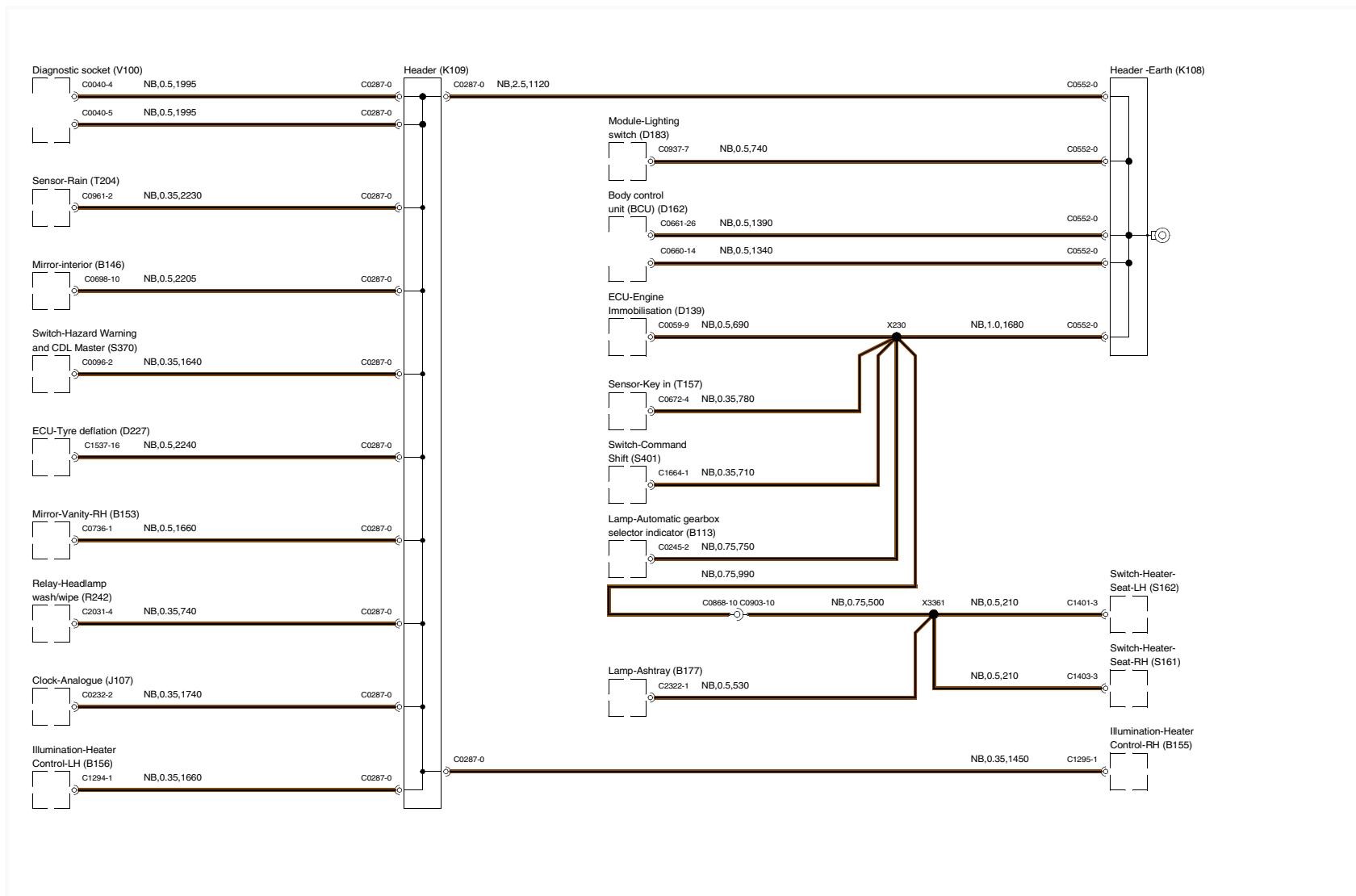
Rear Fuse Box



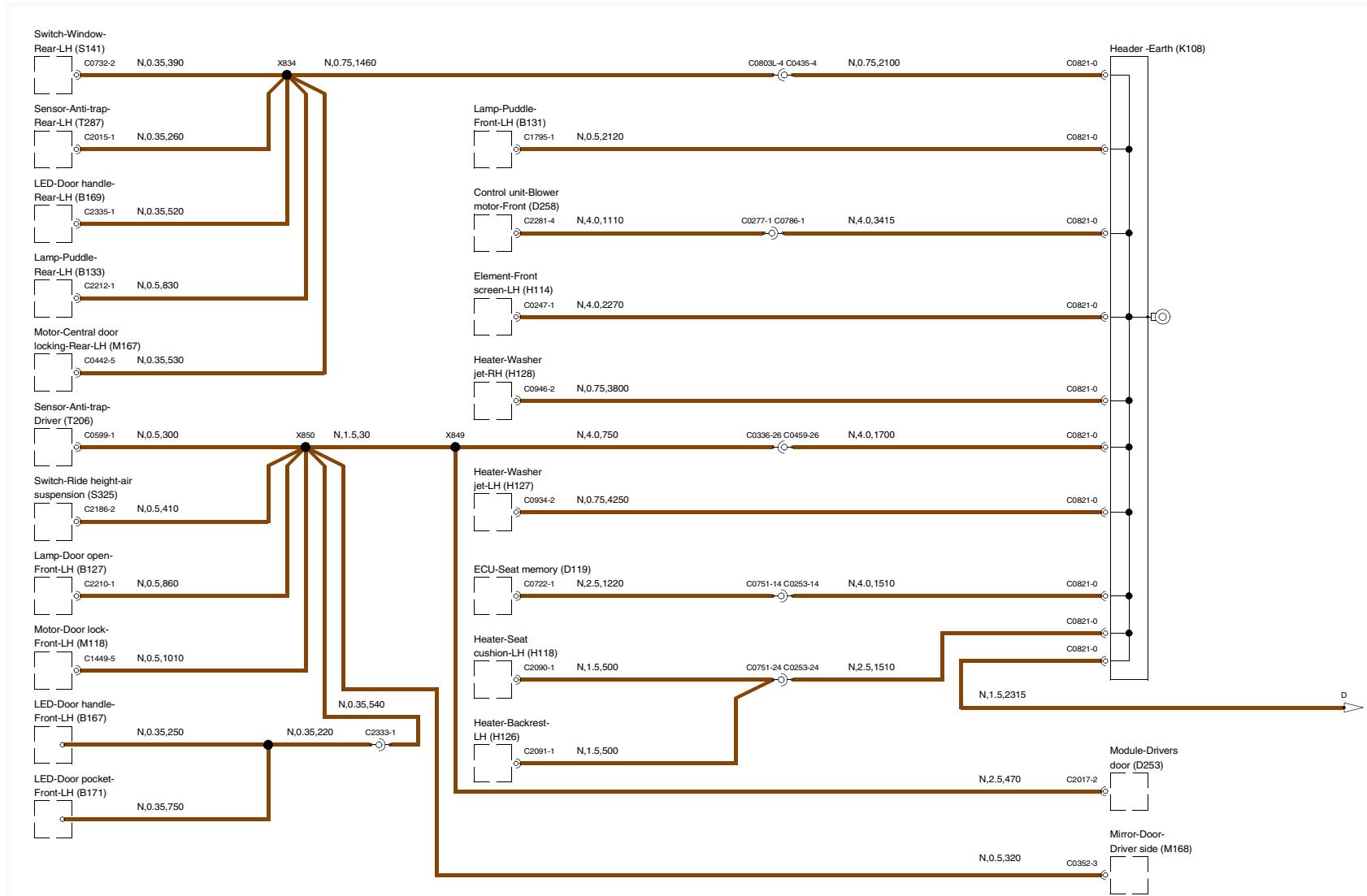


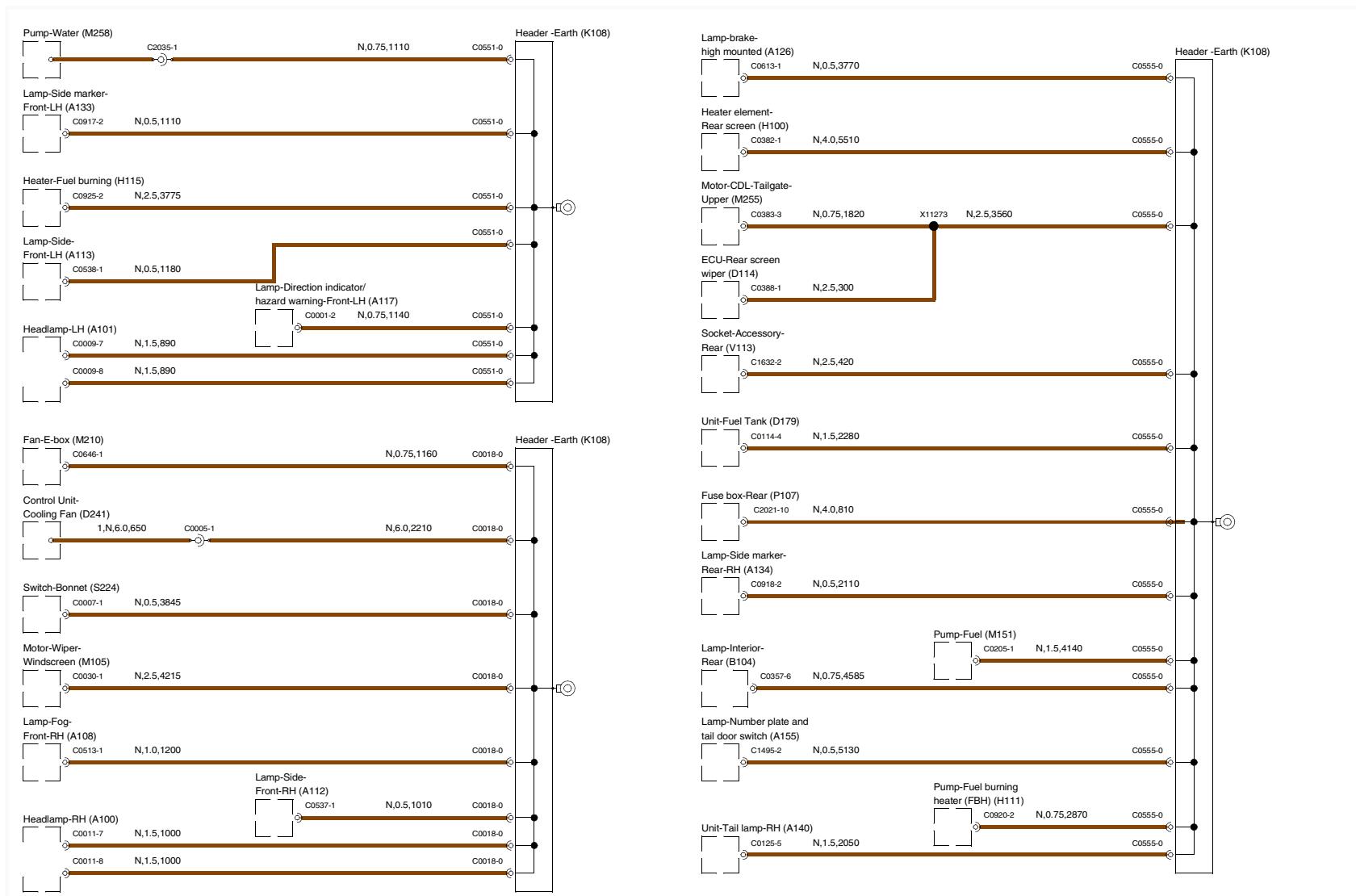
2 EARTH DISTRIBUTION



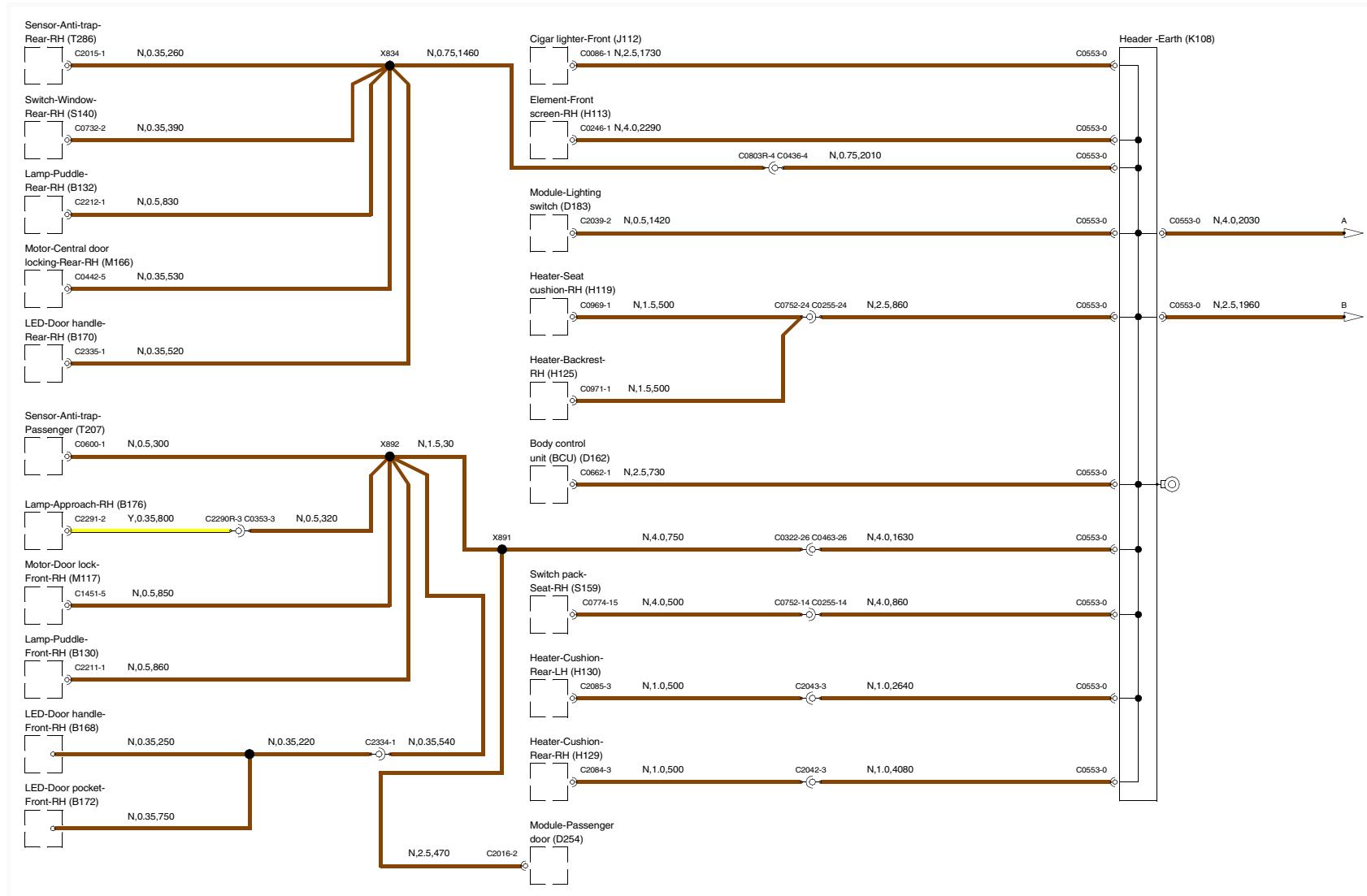


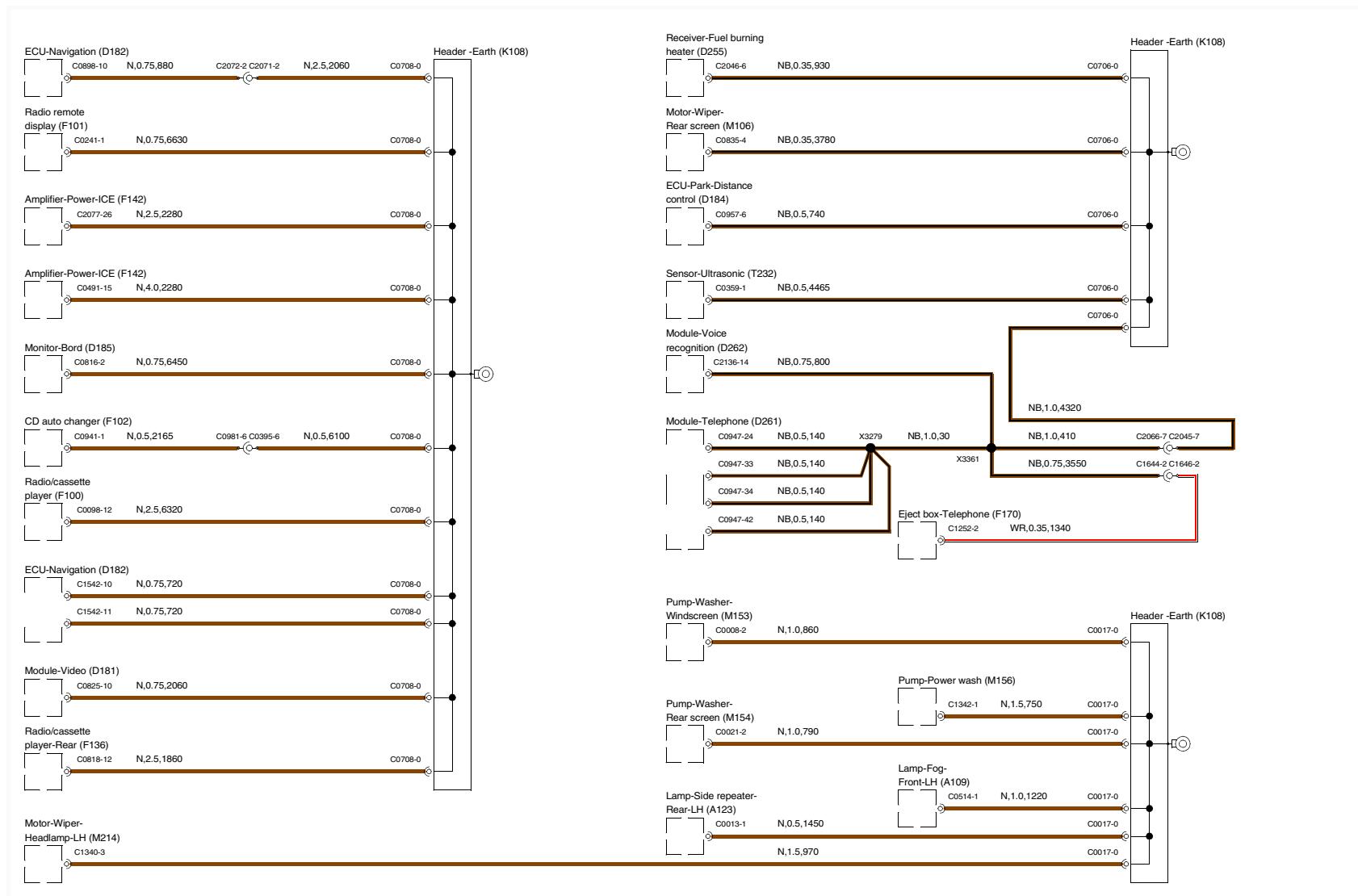
2 EARTH DISTRIBUTION



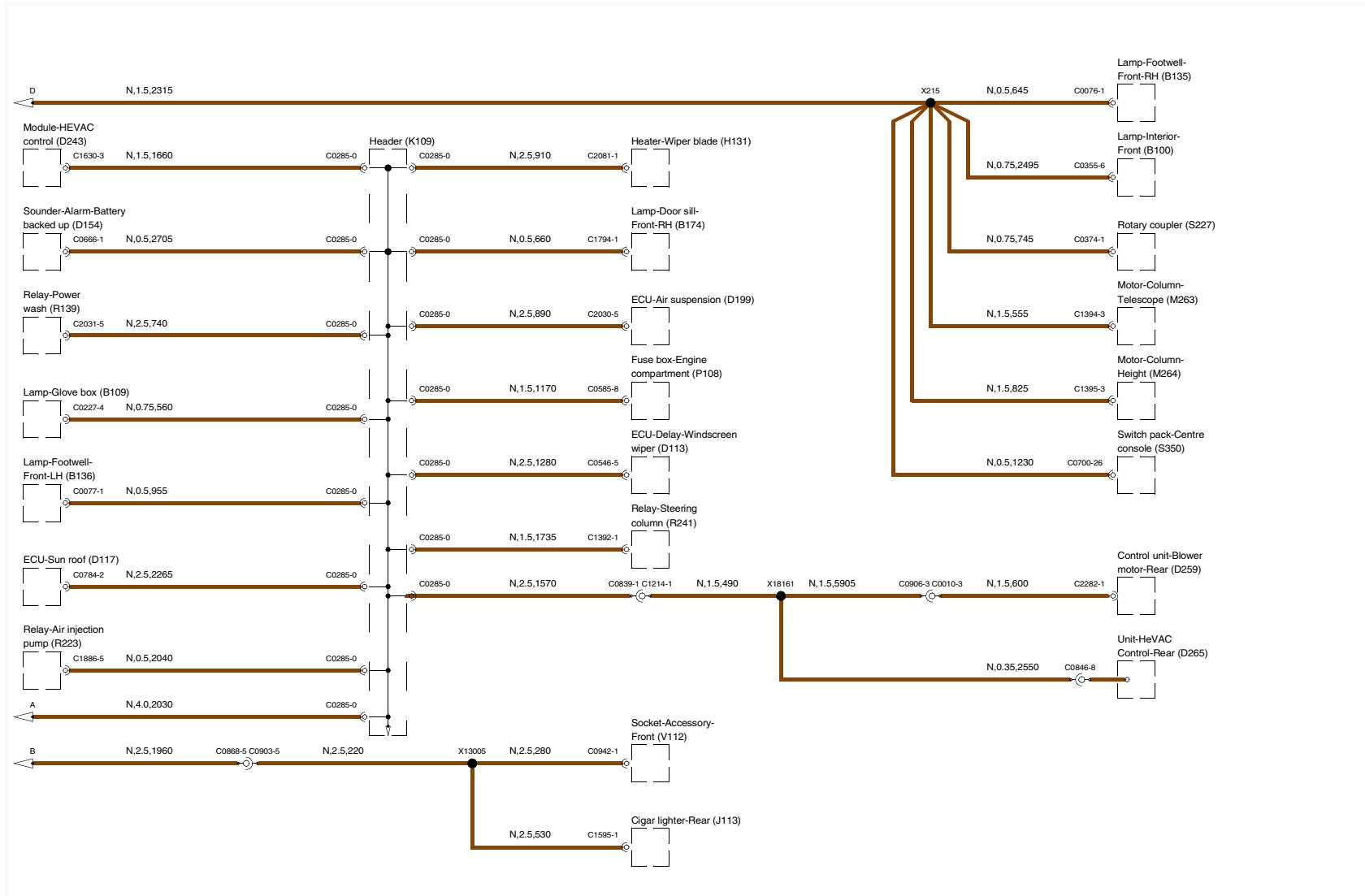


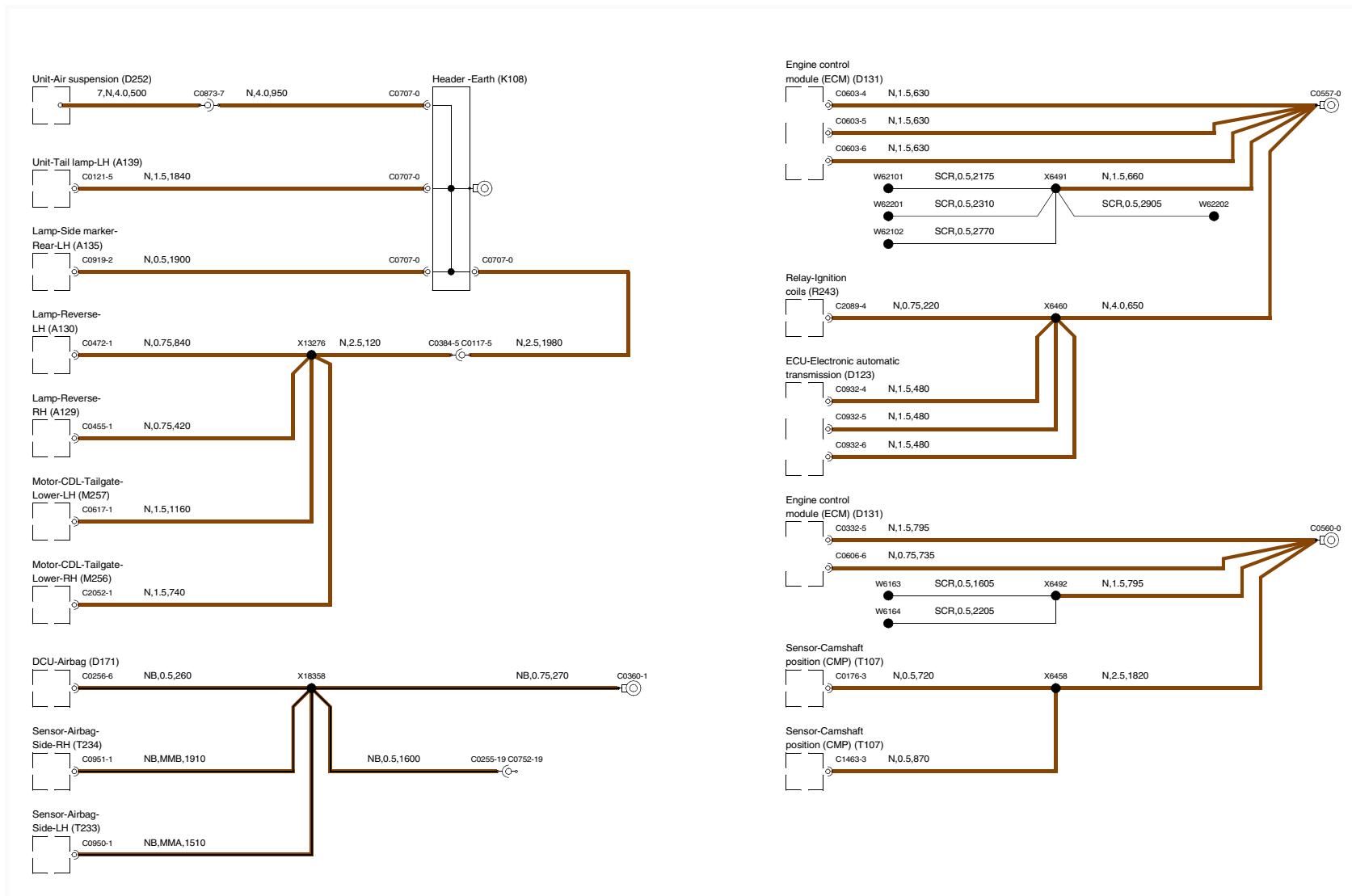
2 EARTH DISTRIBUTION



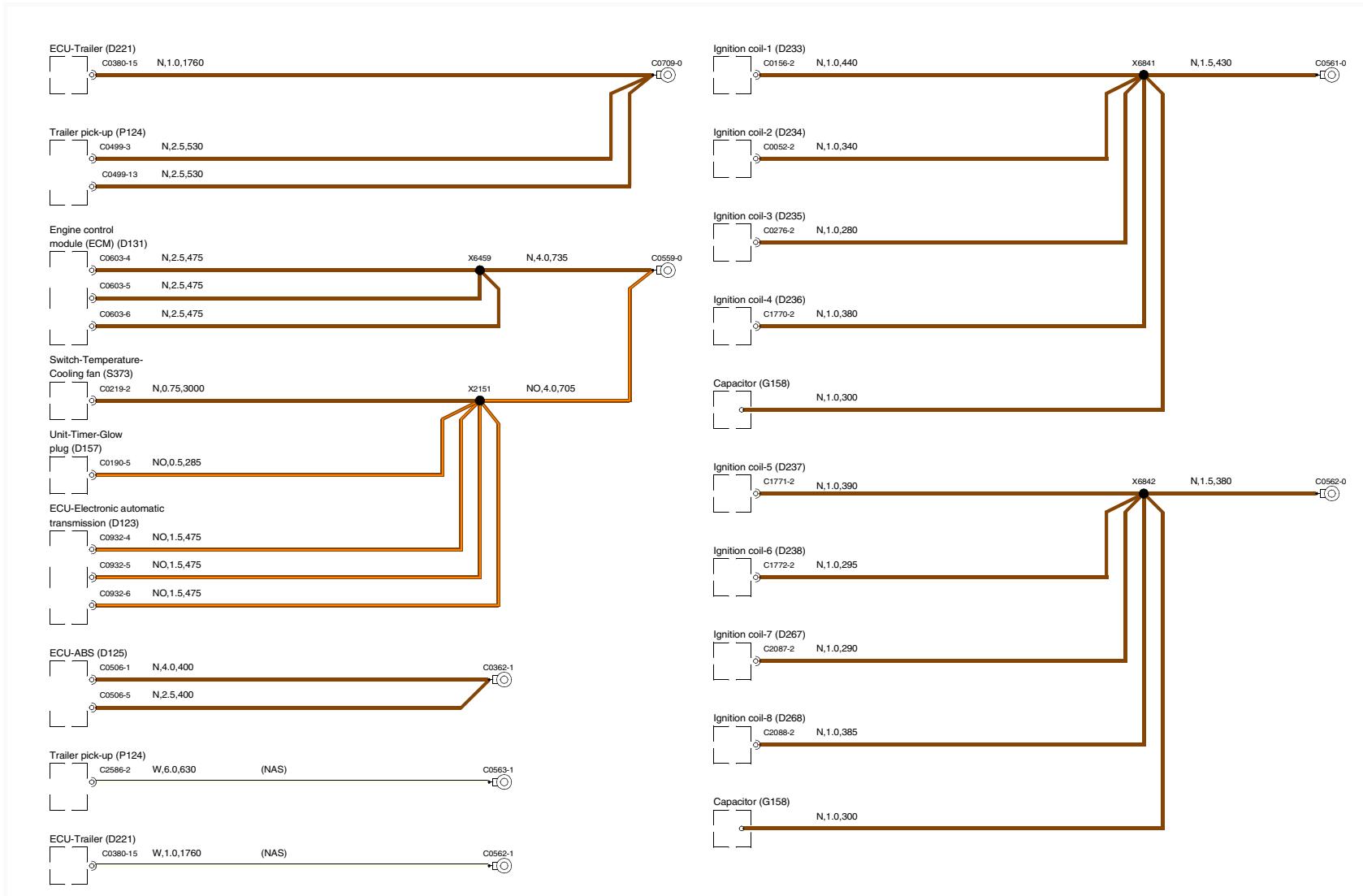


2 EARTH DISTRIBUTION

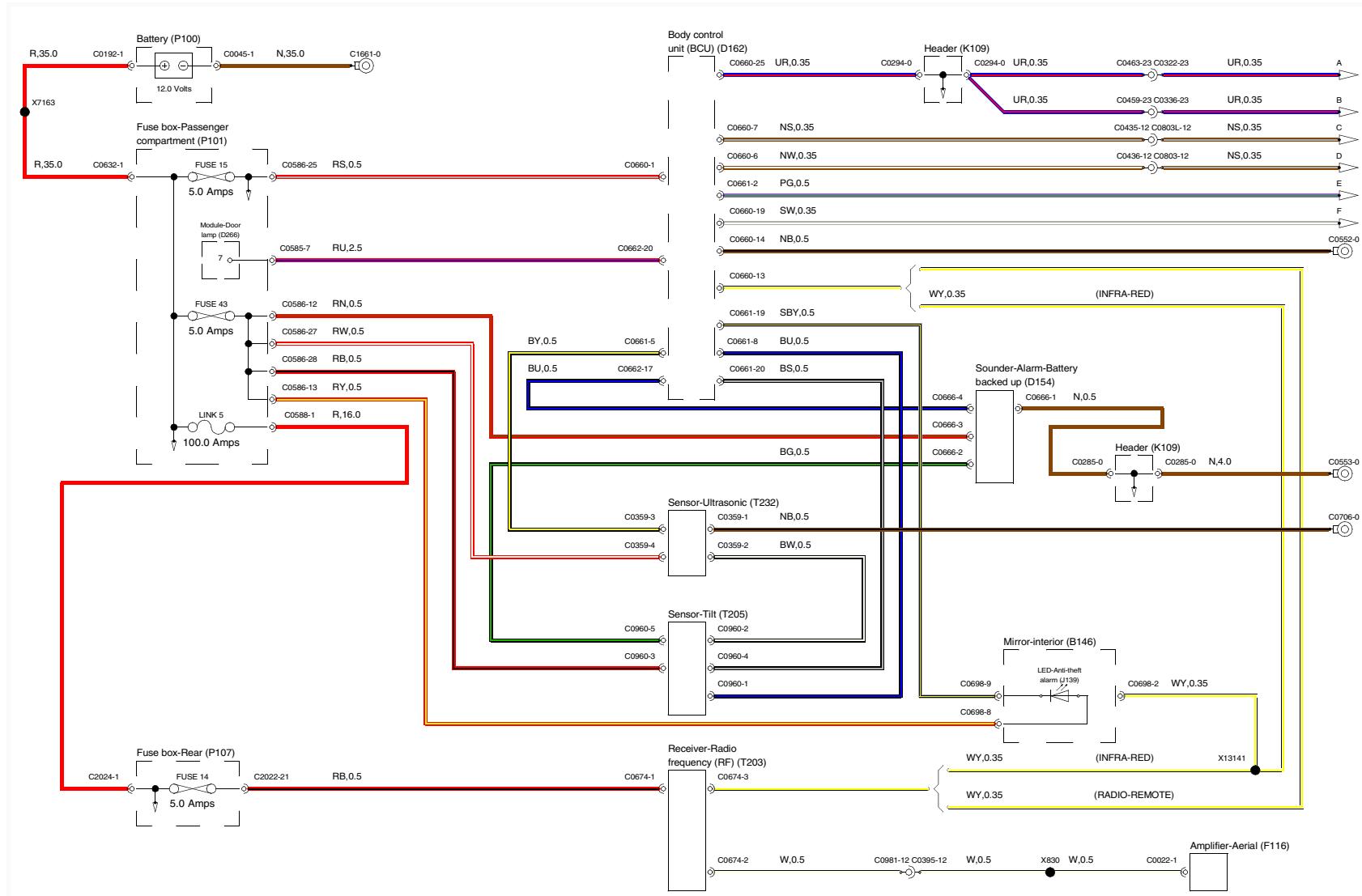


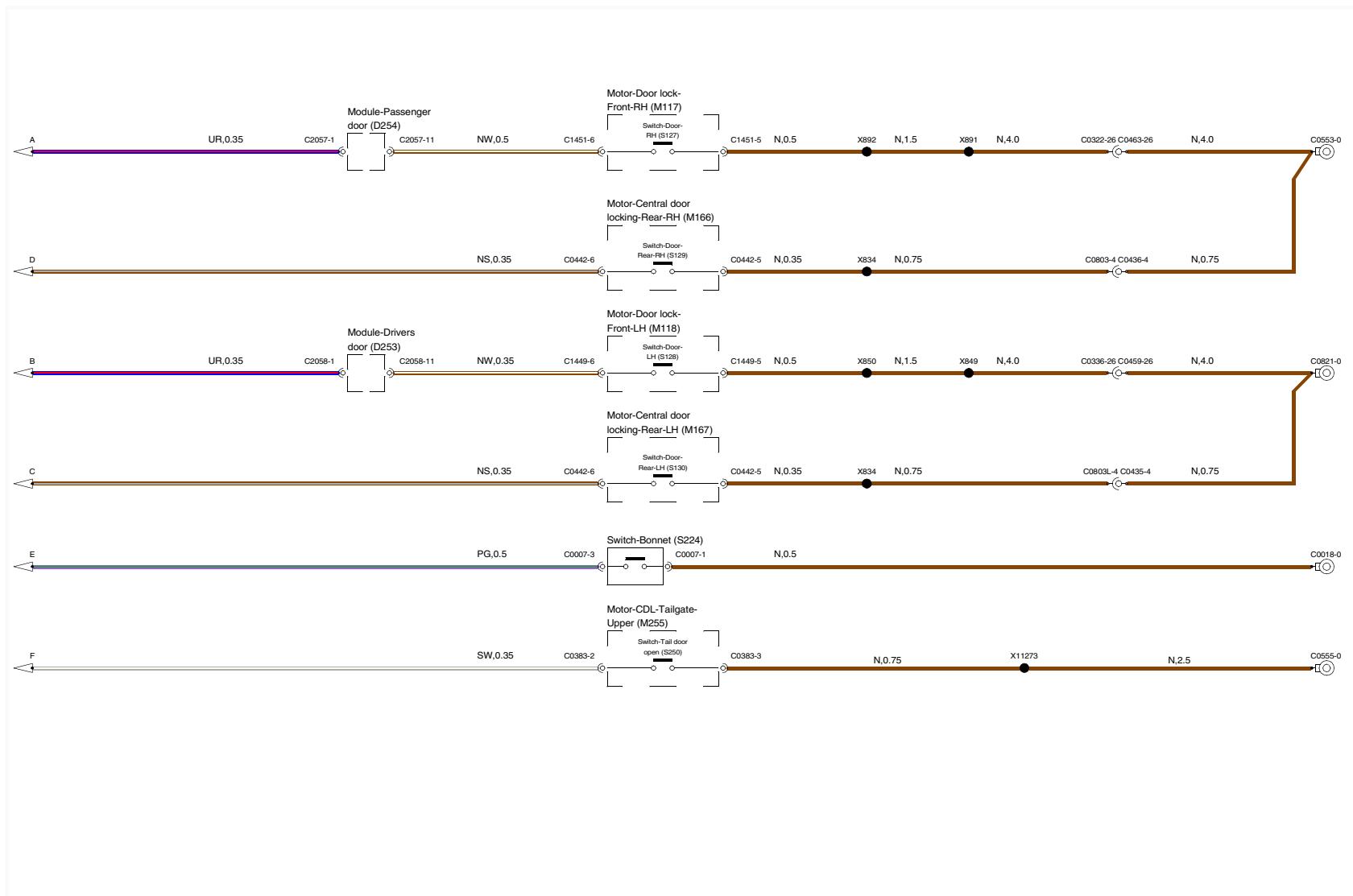


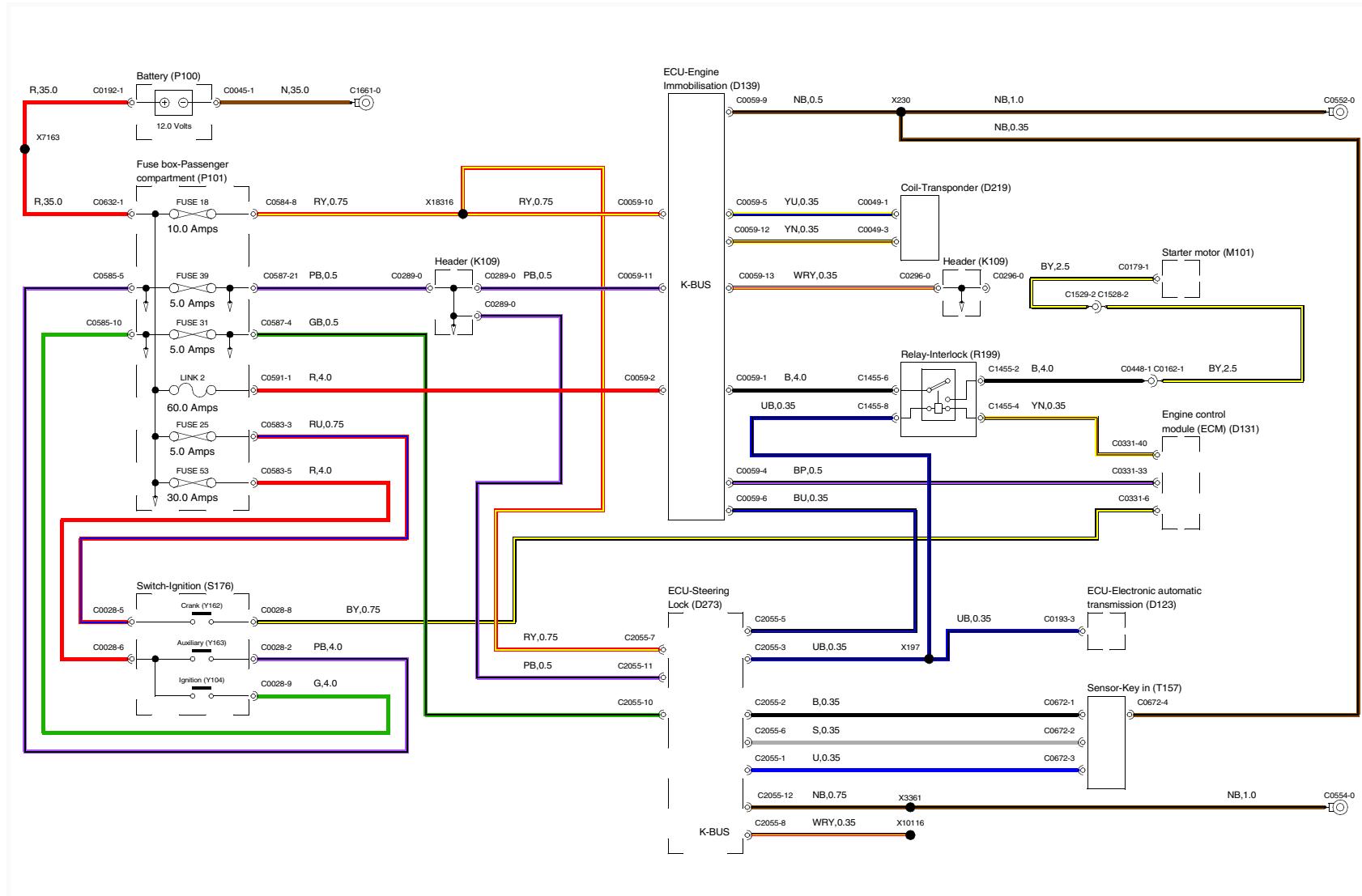
2 EARTH DISTRIBUTION



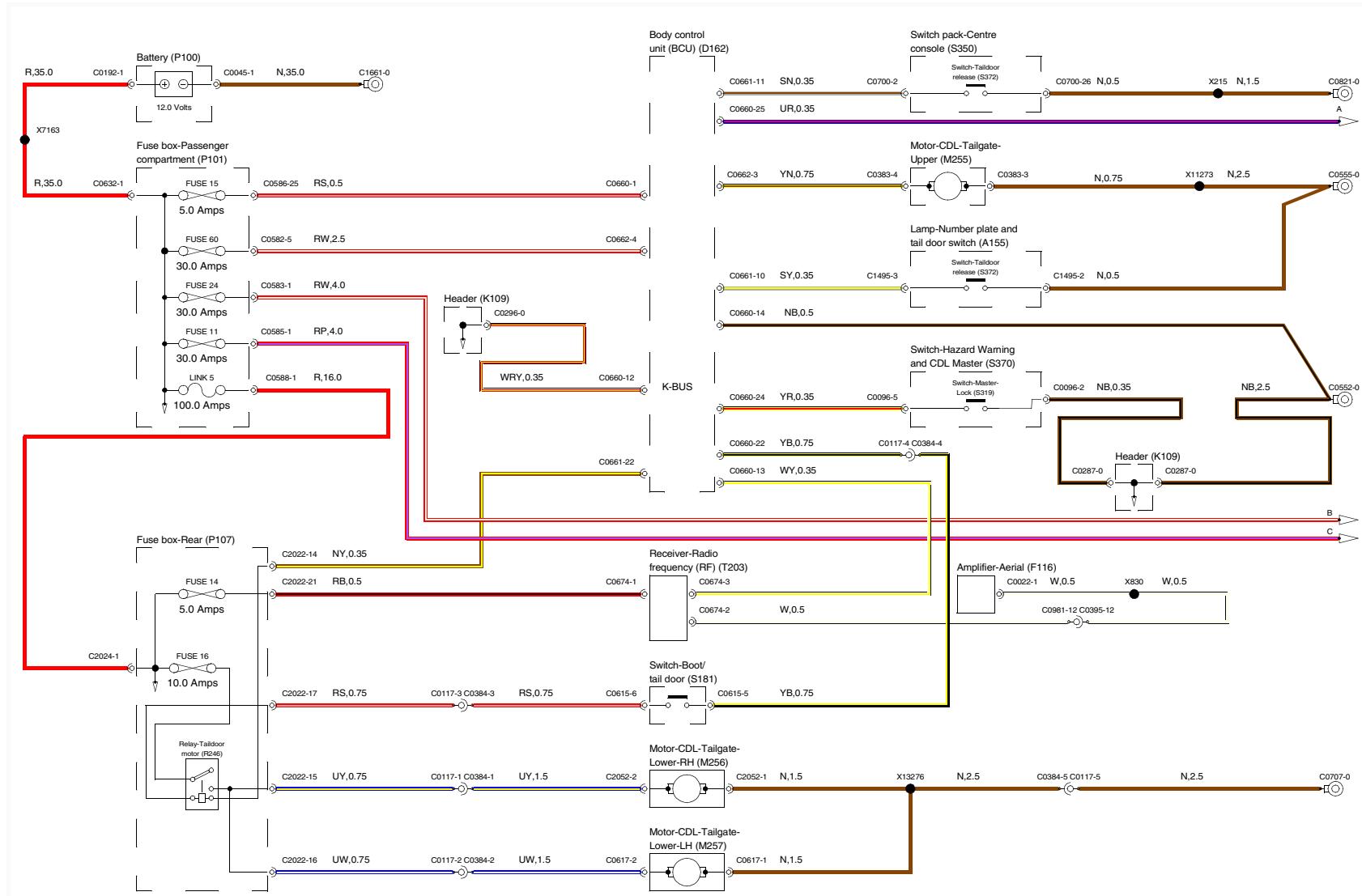
3 ANTI-THEFT ALARM

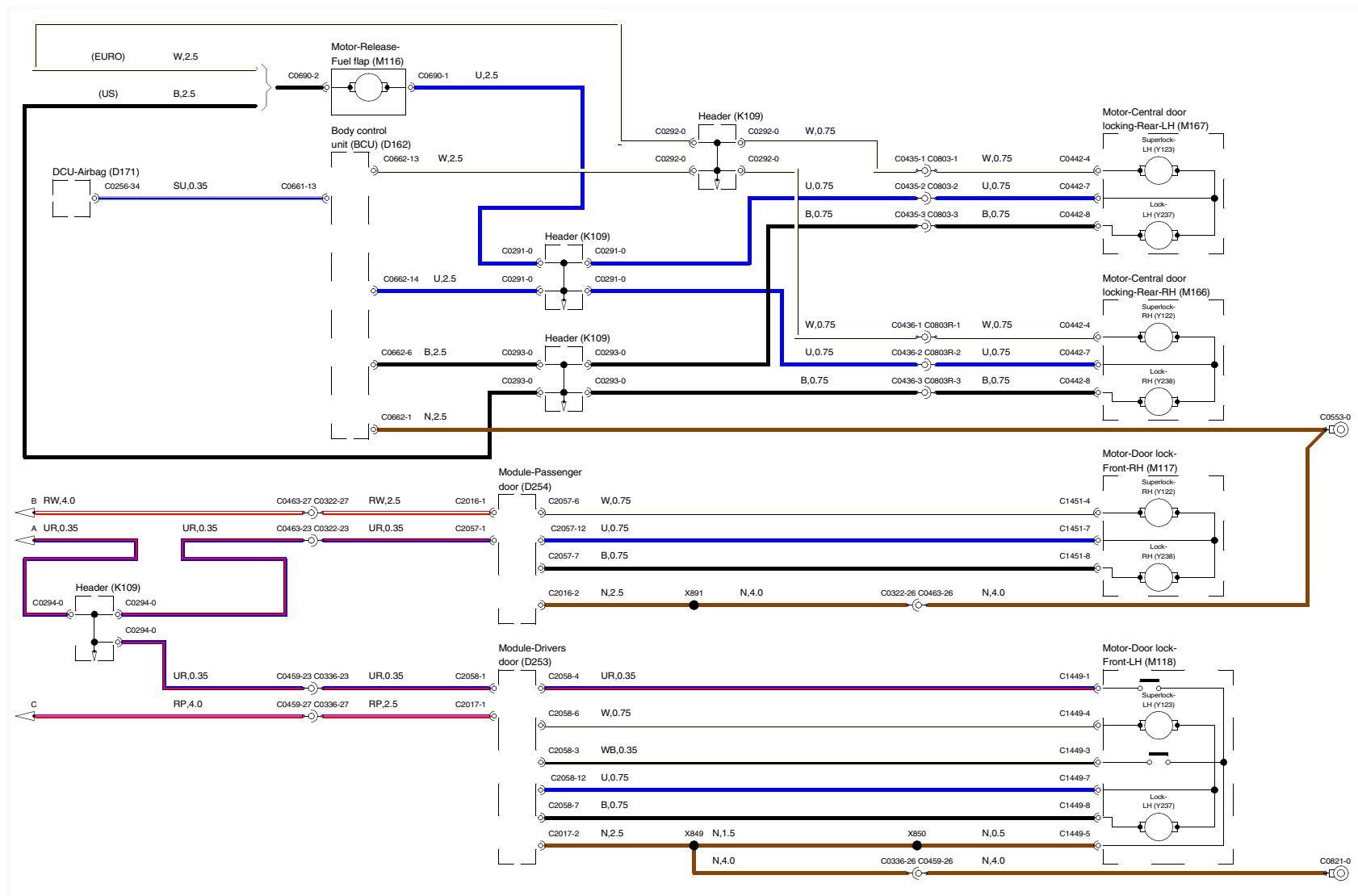


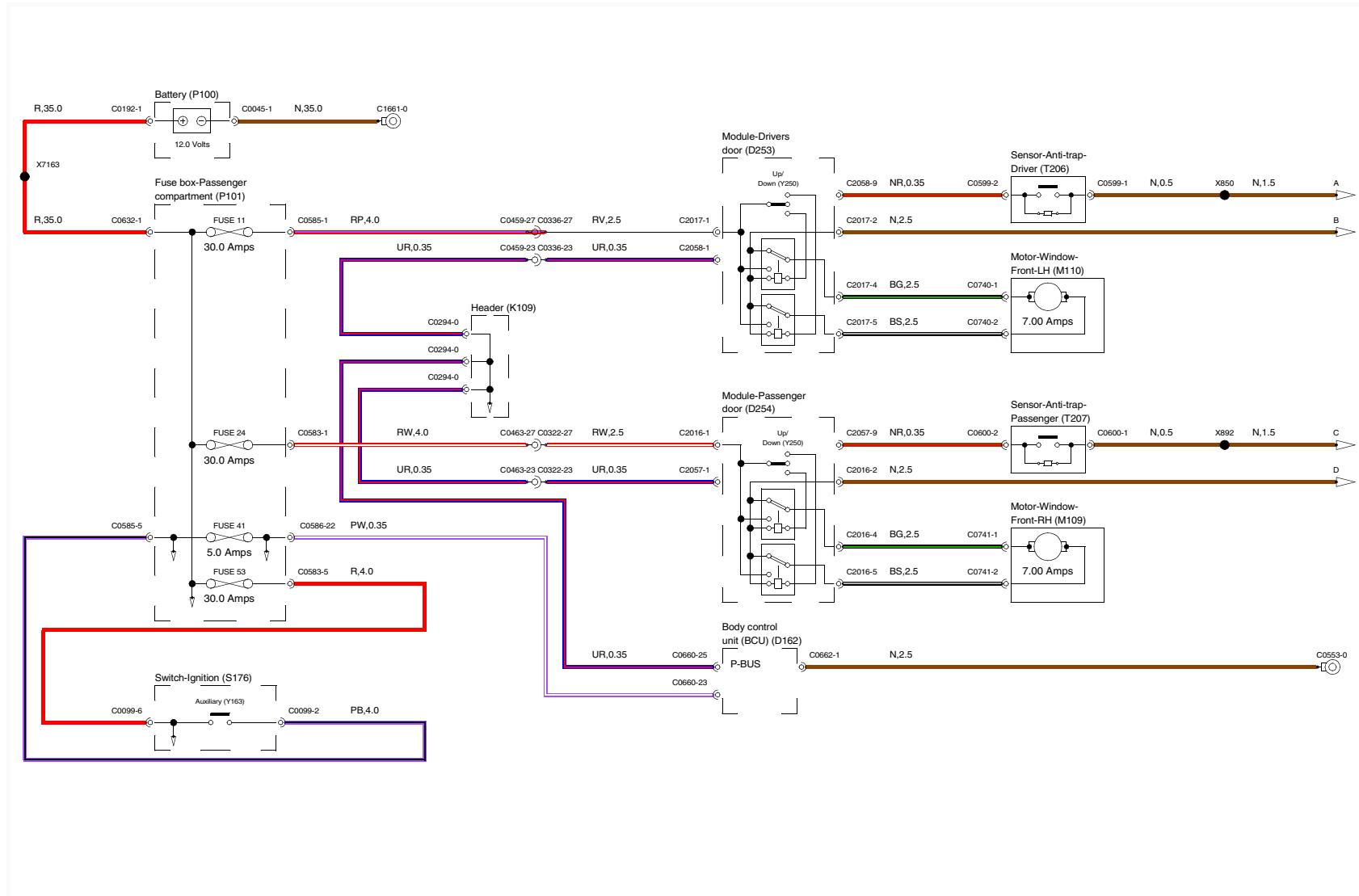


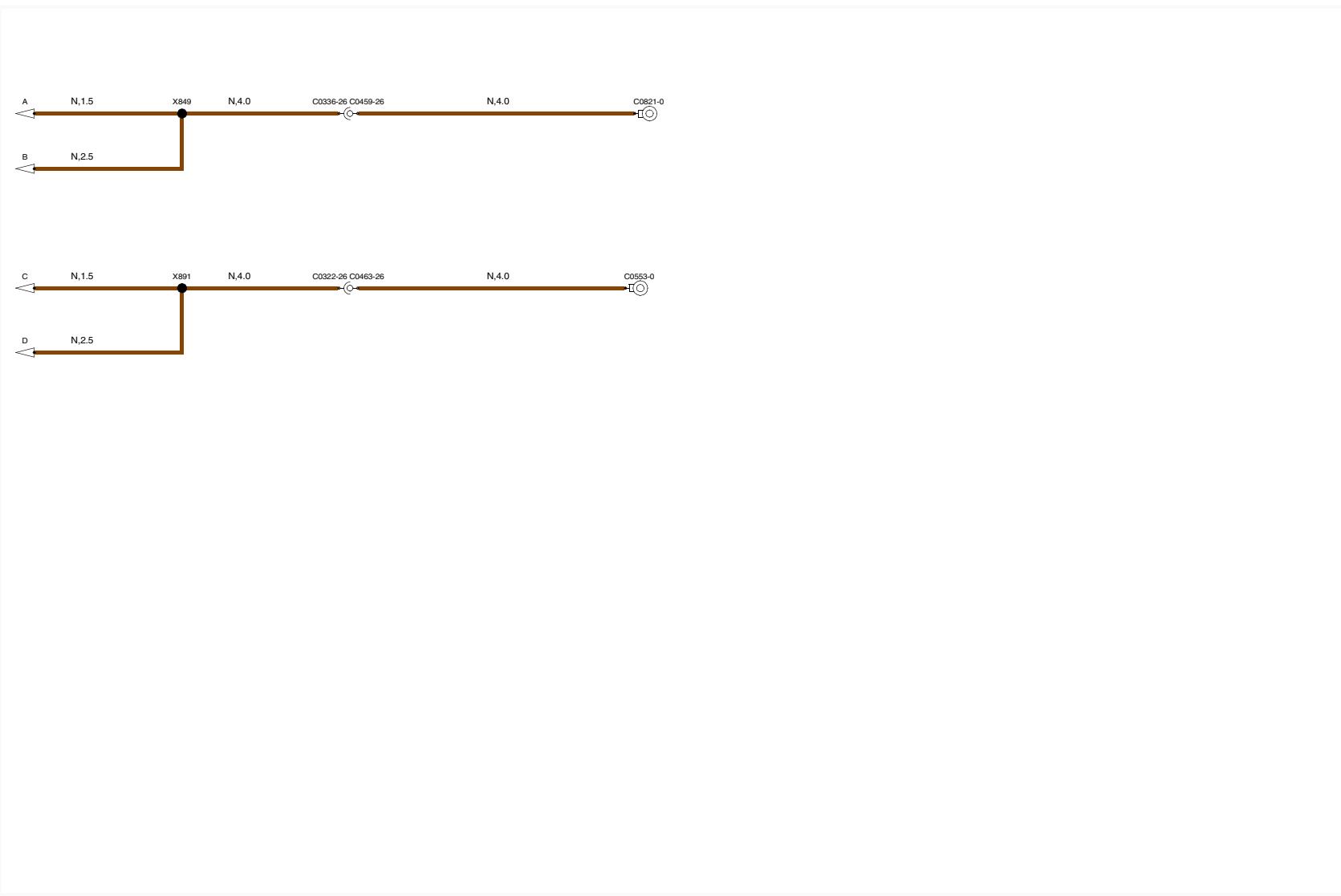


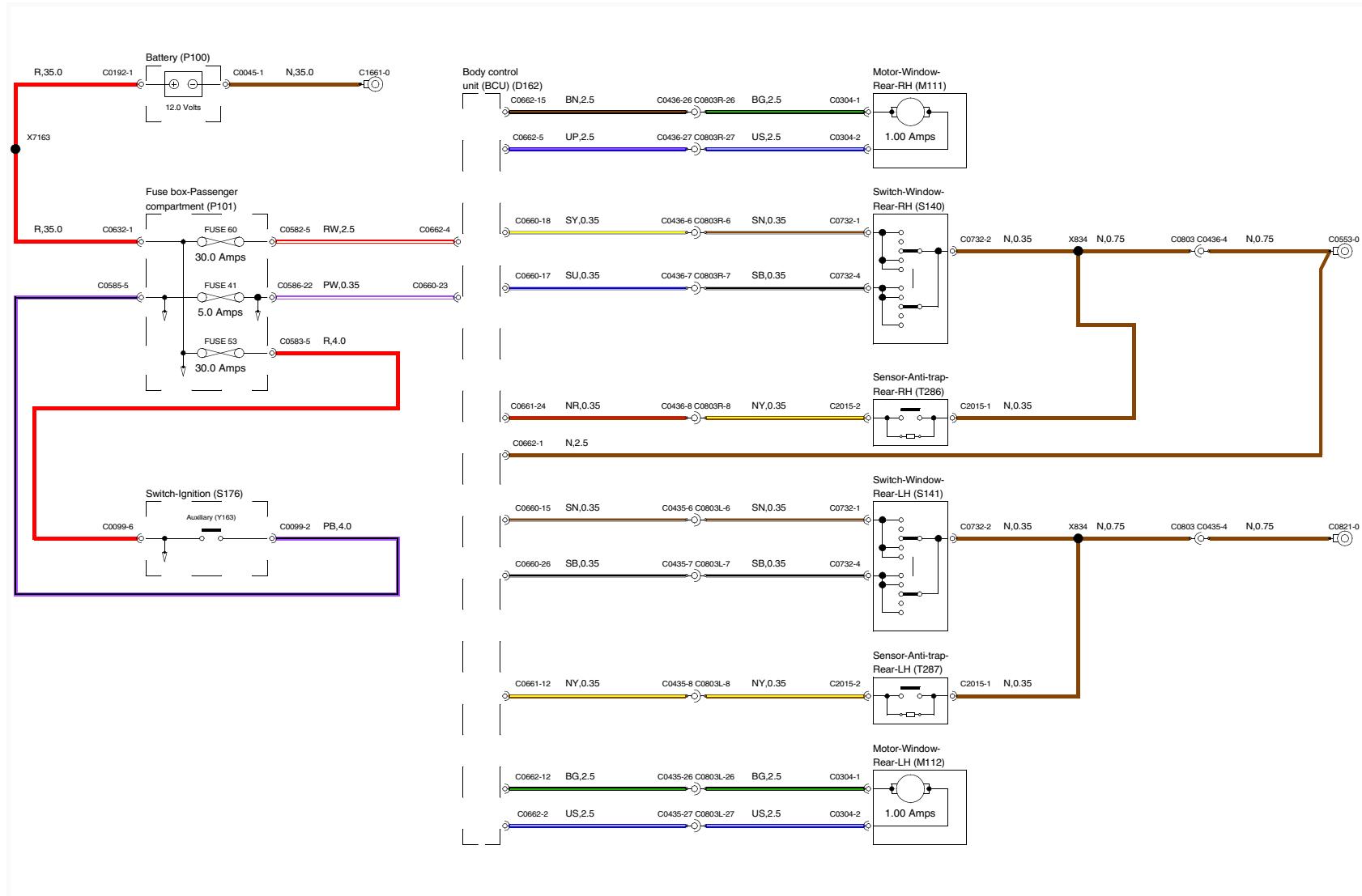
4 CENTRAL DOOR LOCKING

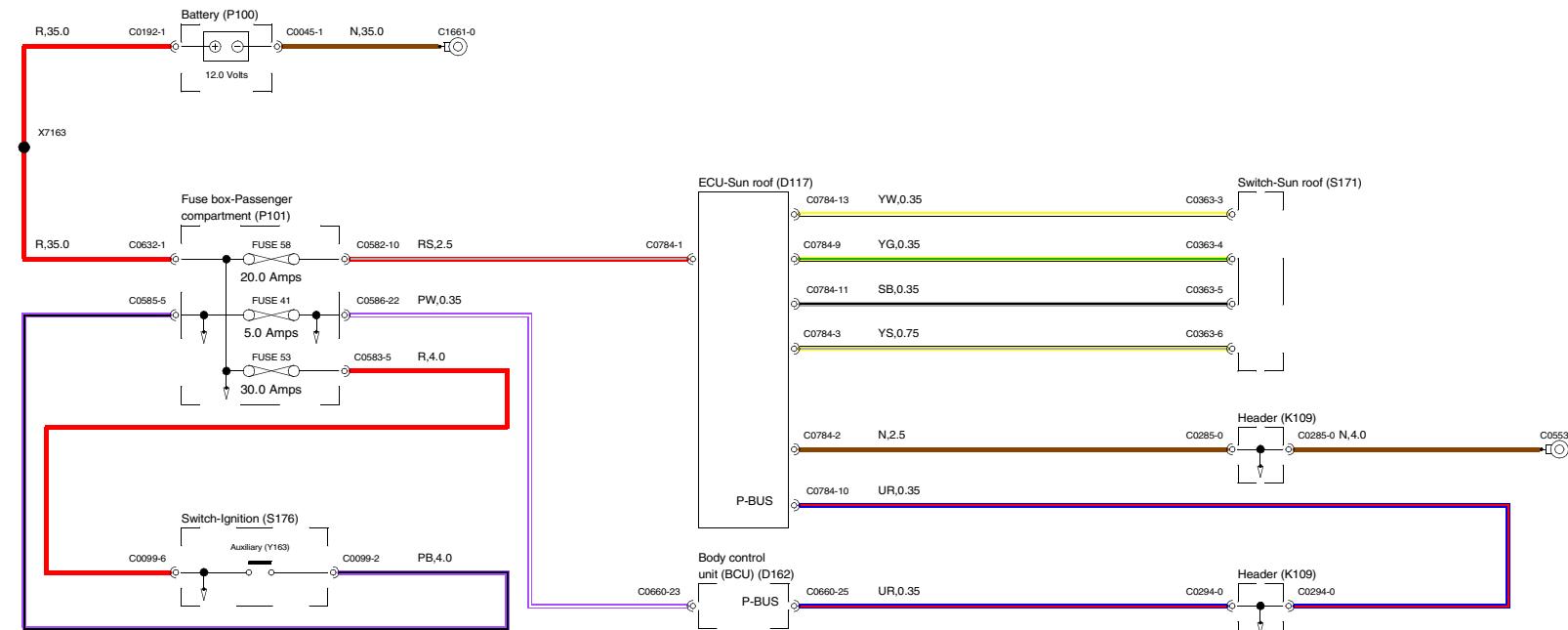


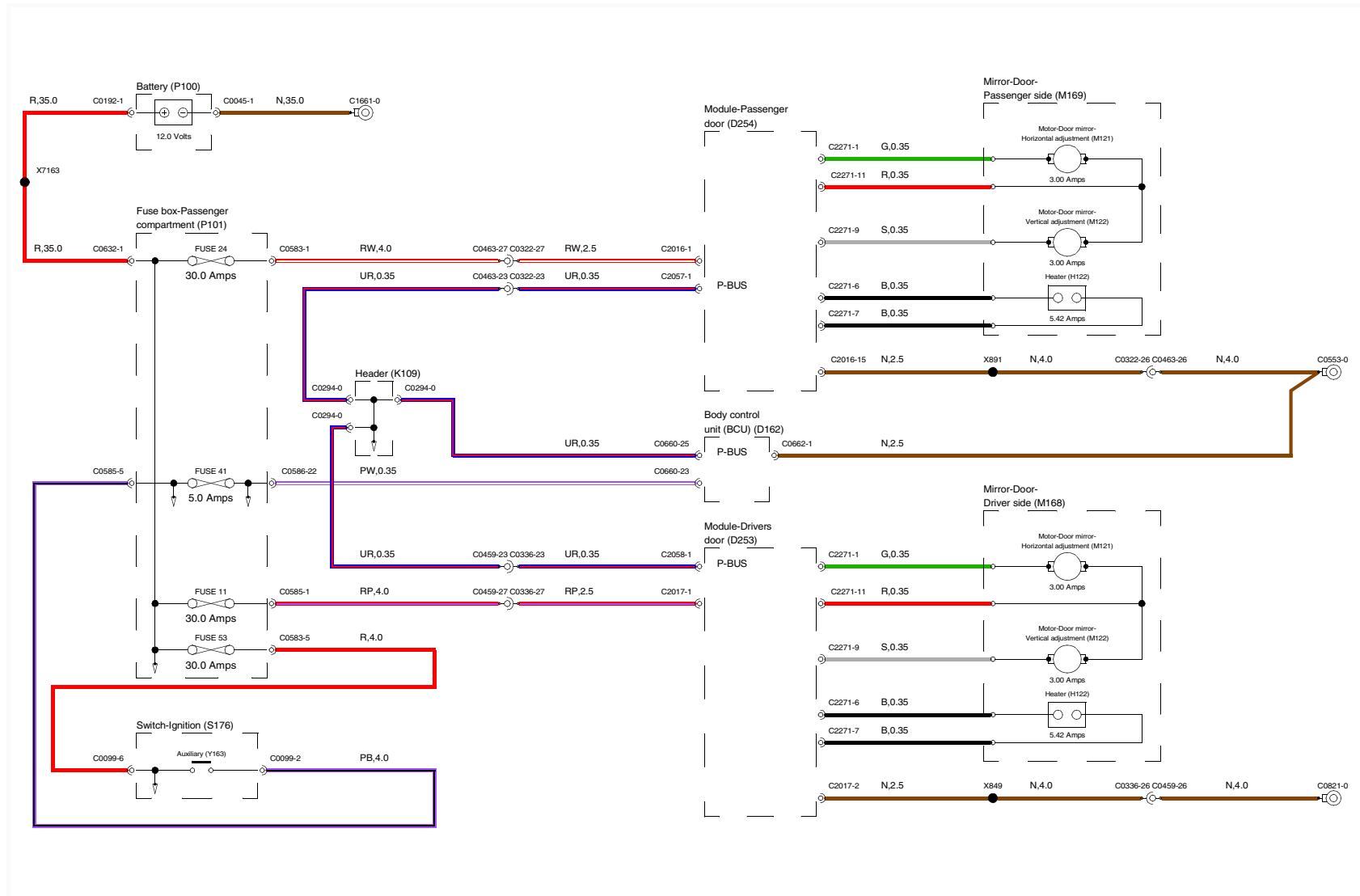




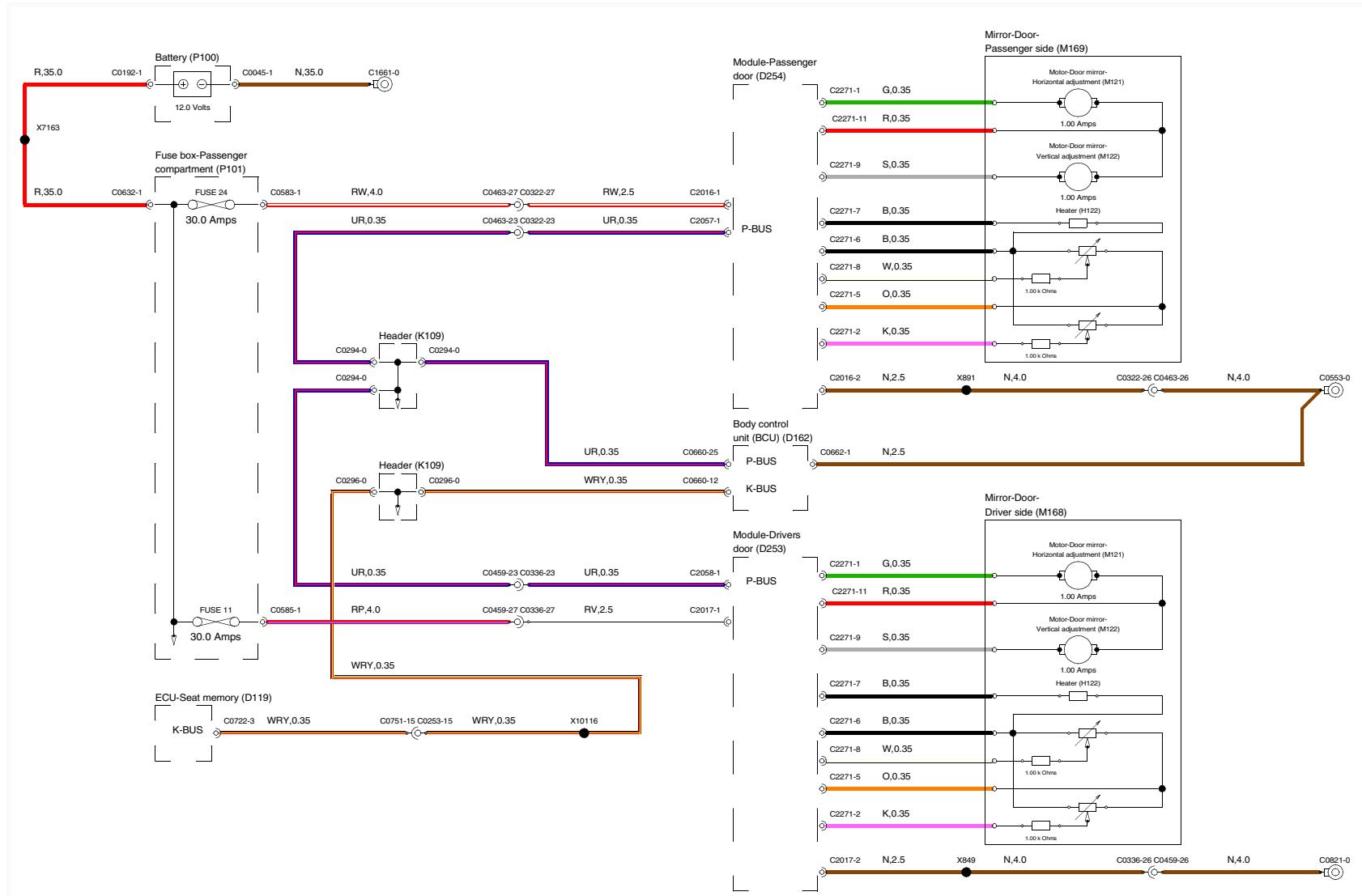


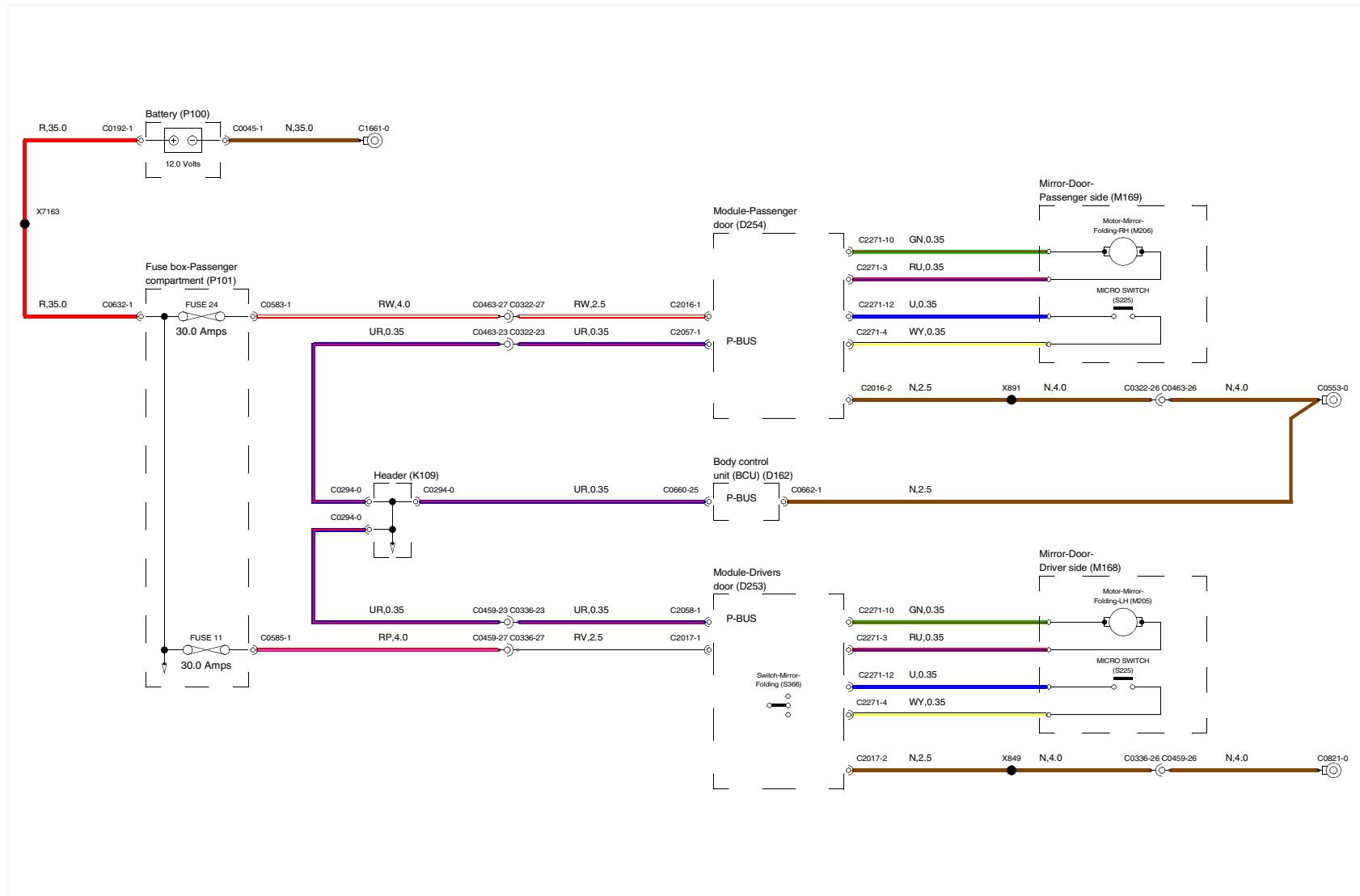




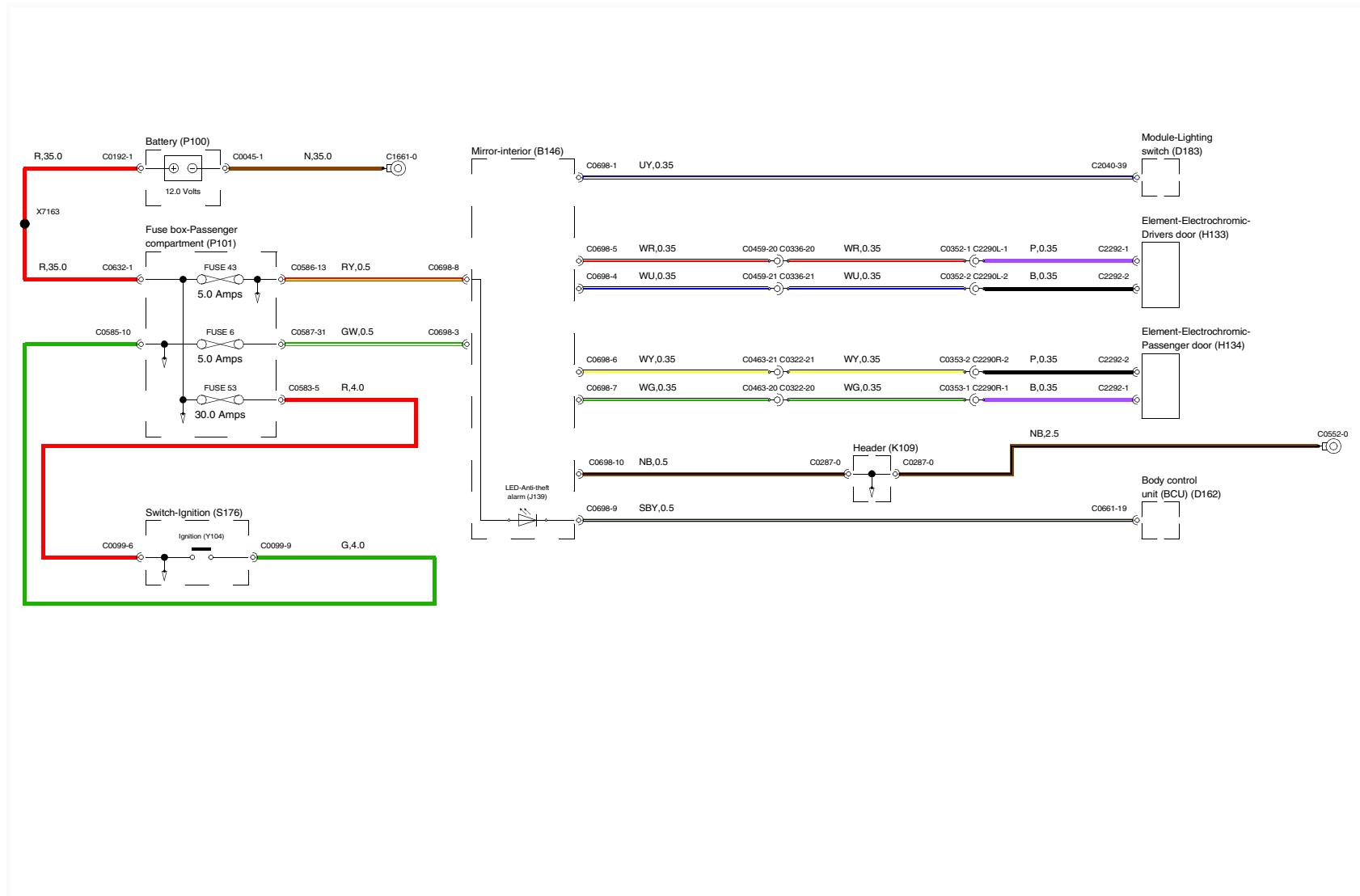


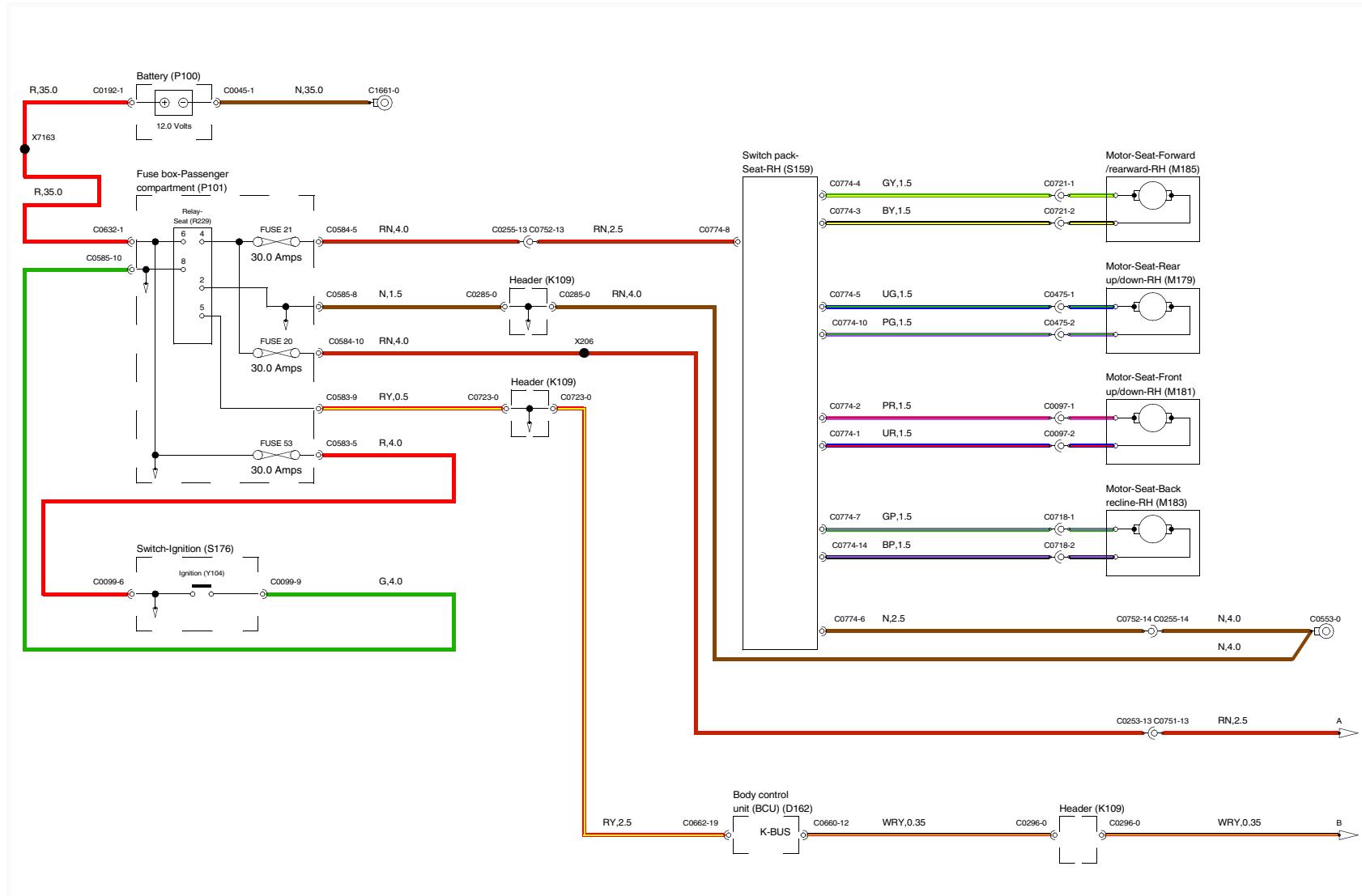
7 DOOR MIRRORS

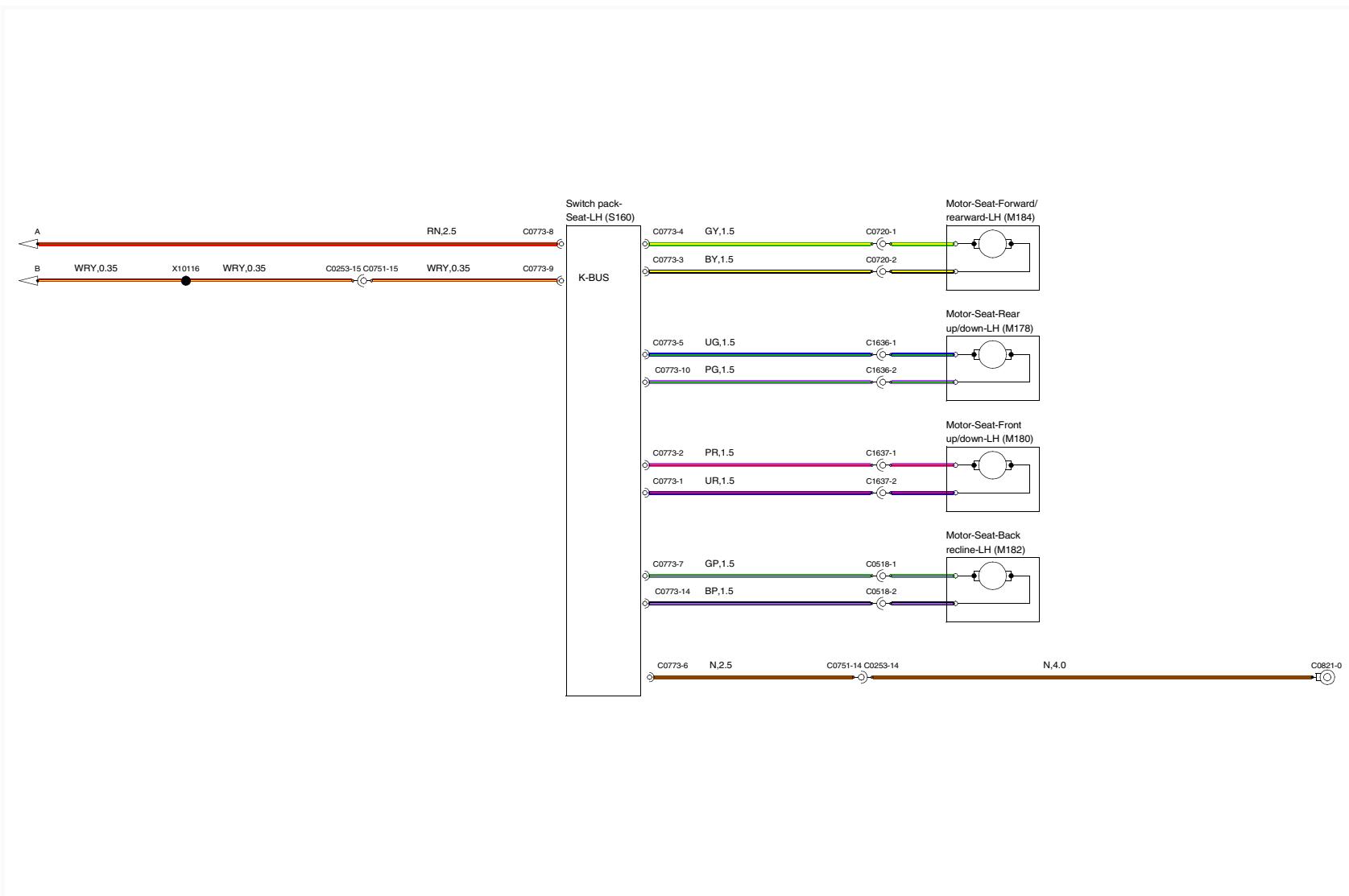


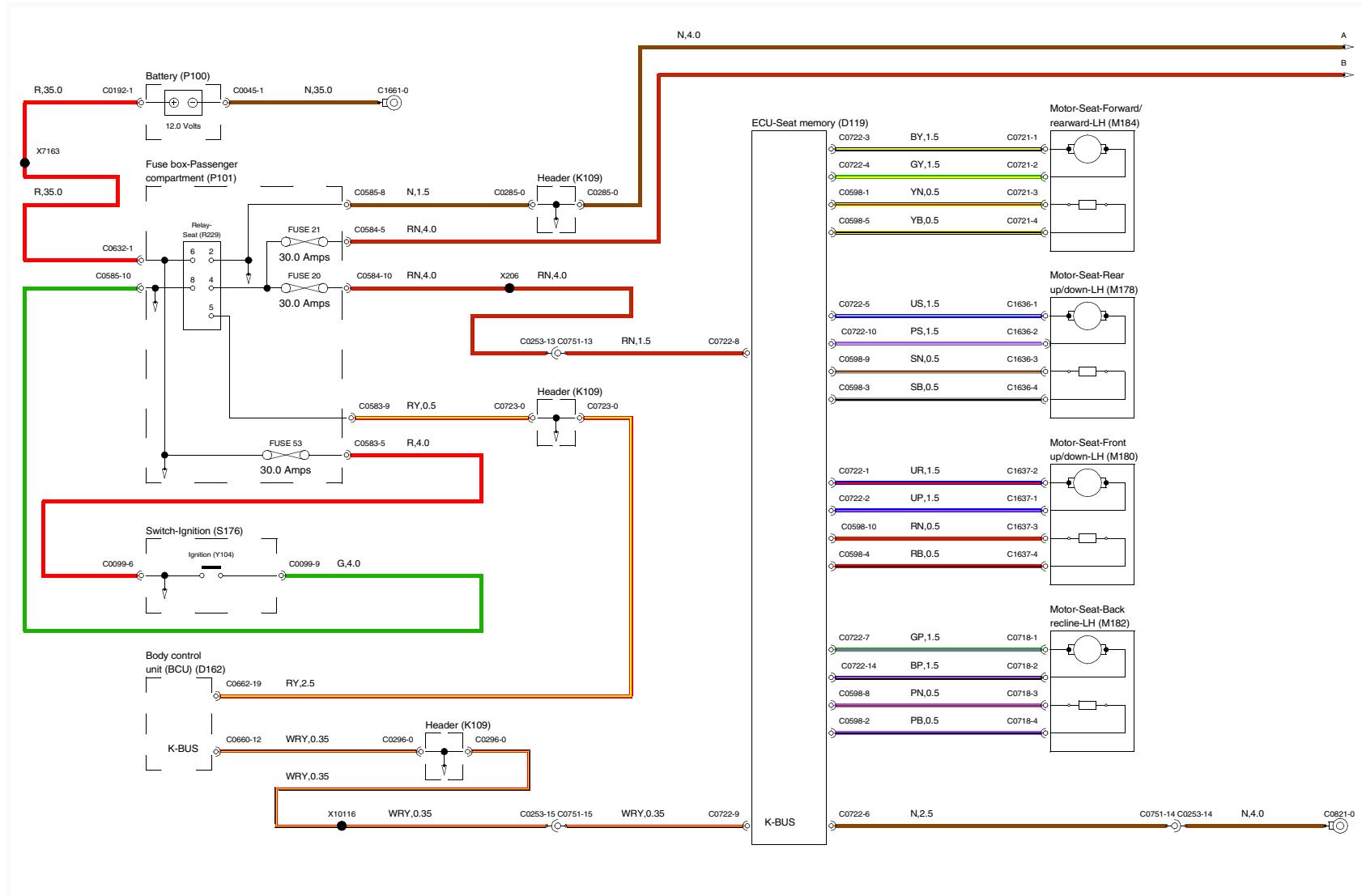


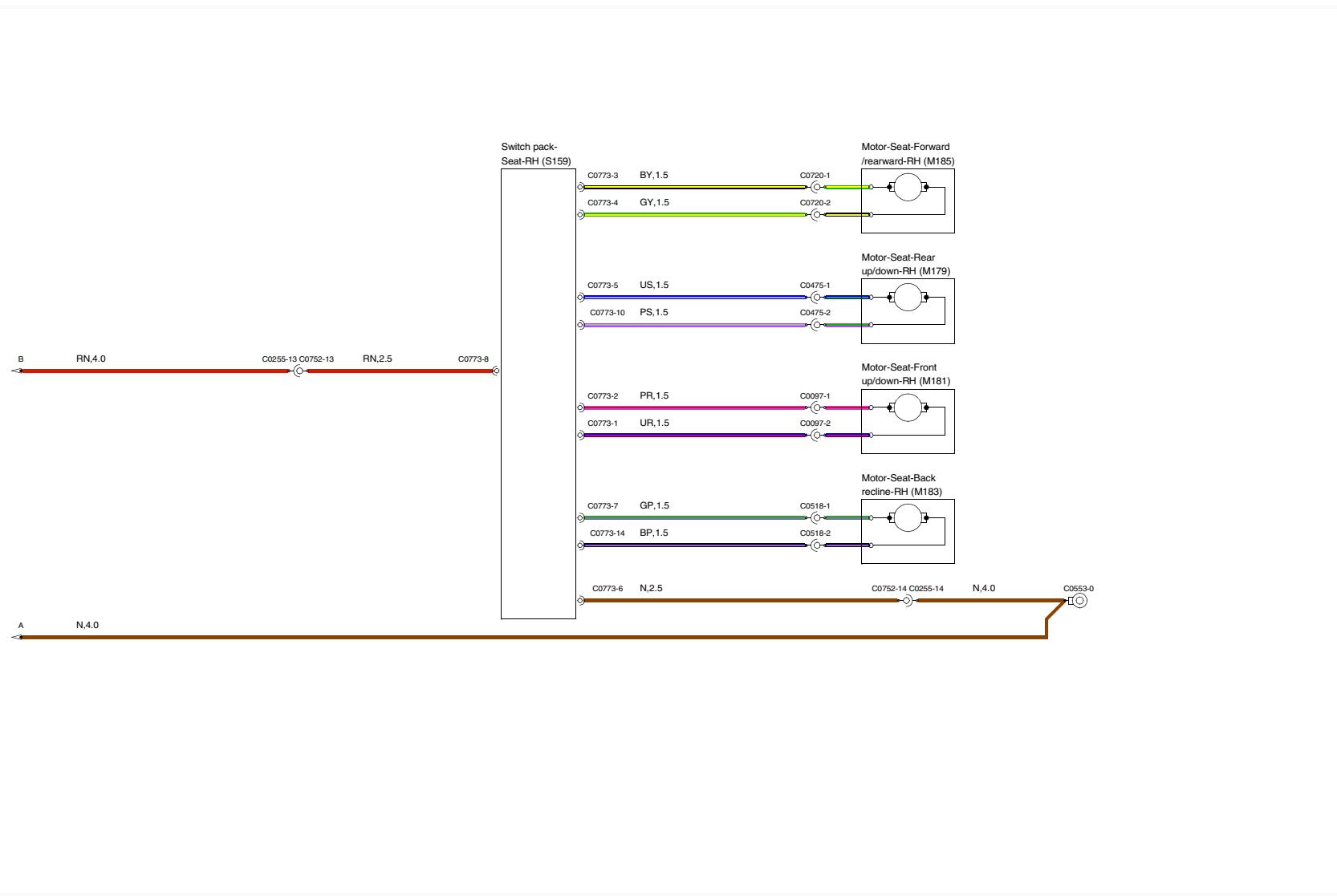
7 INTERIOR MIRROR

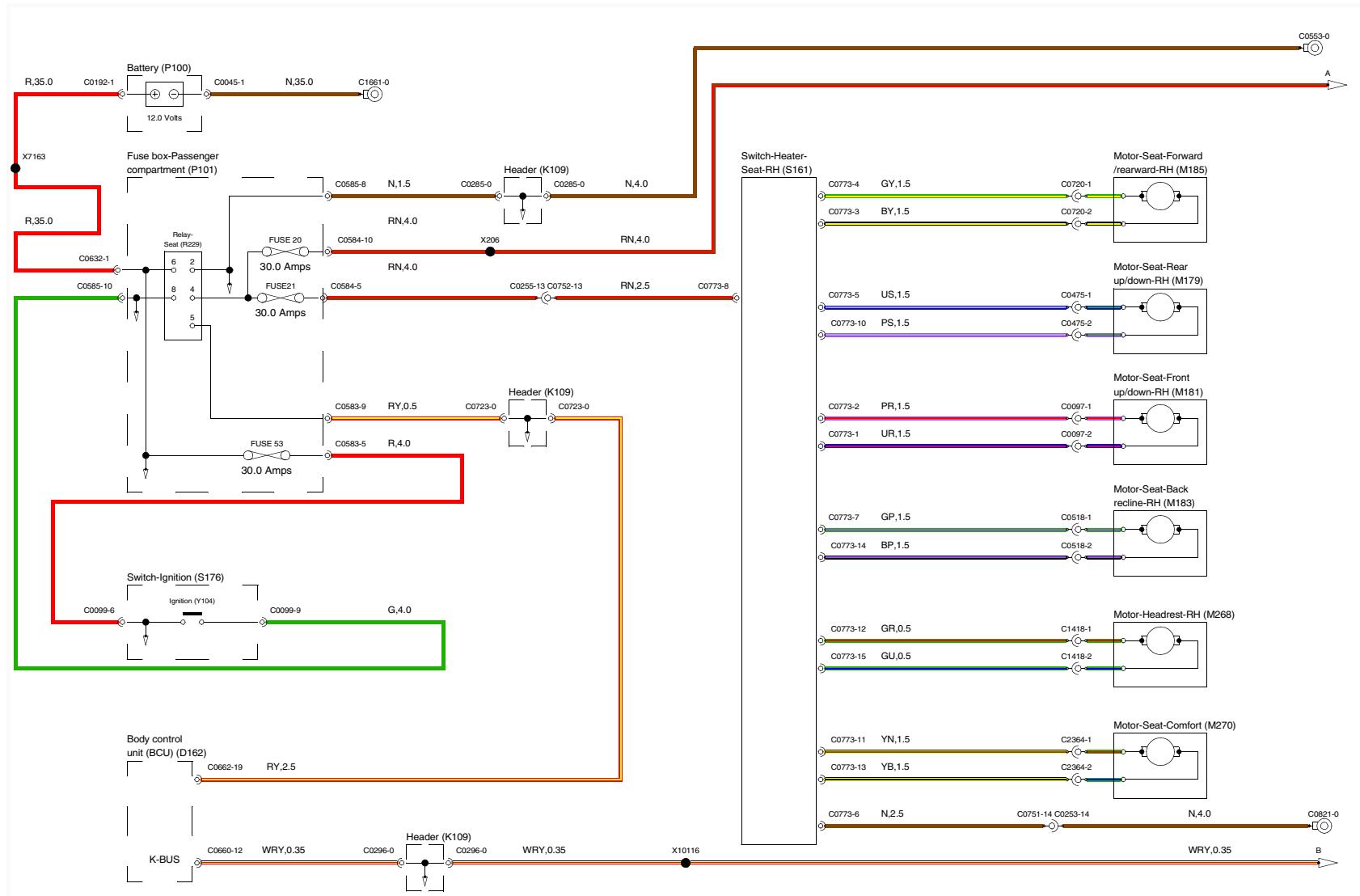


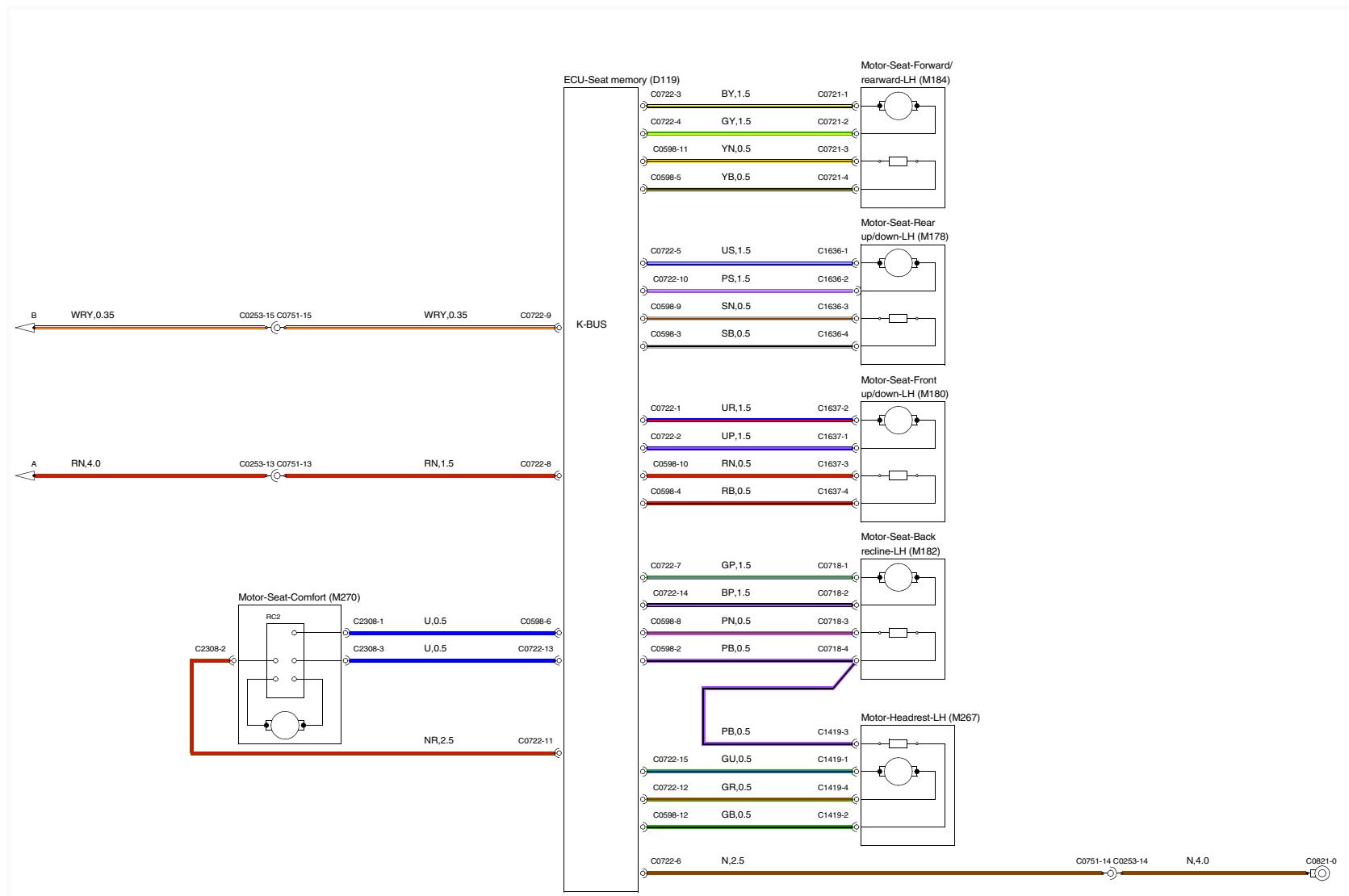


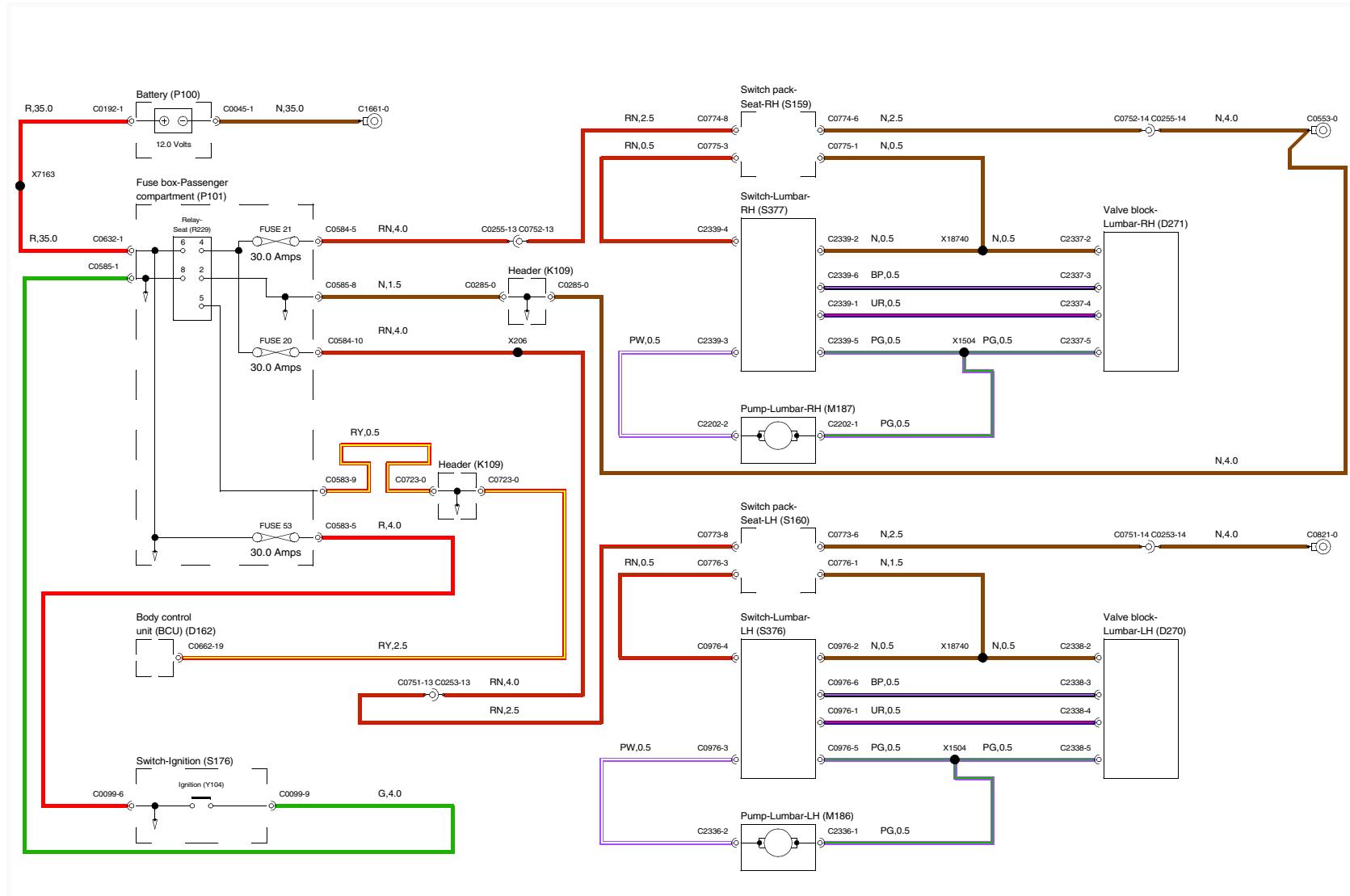






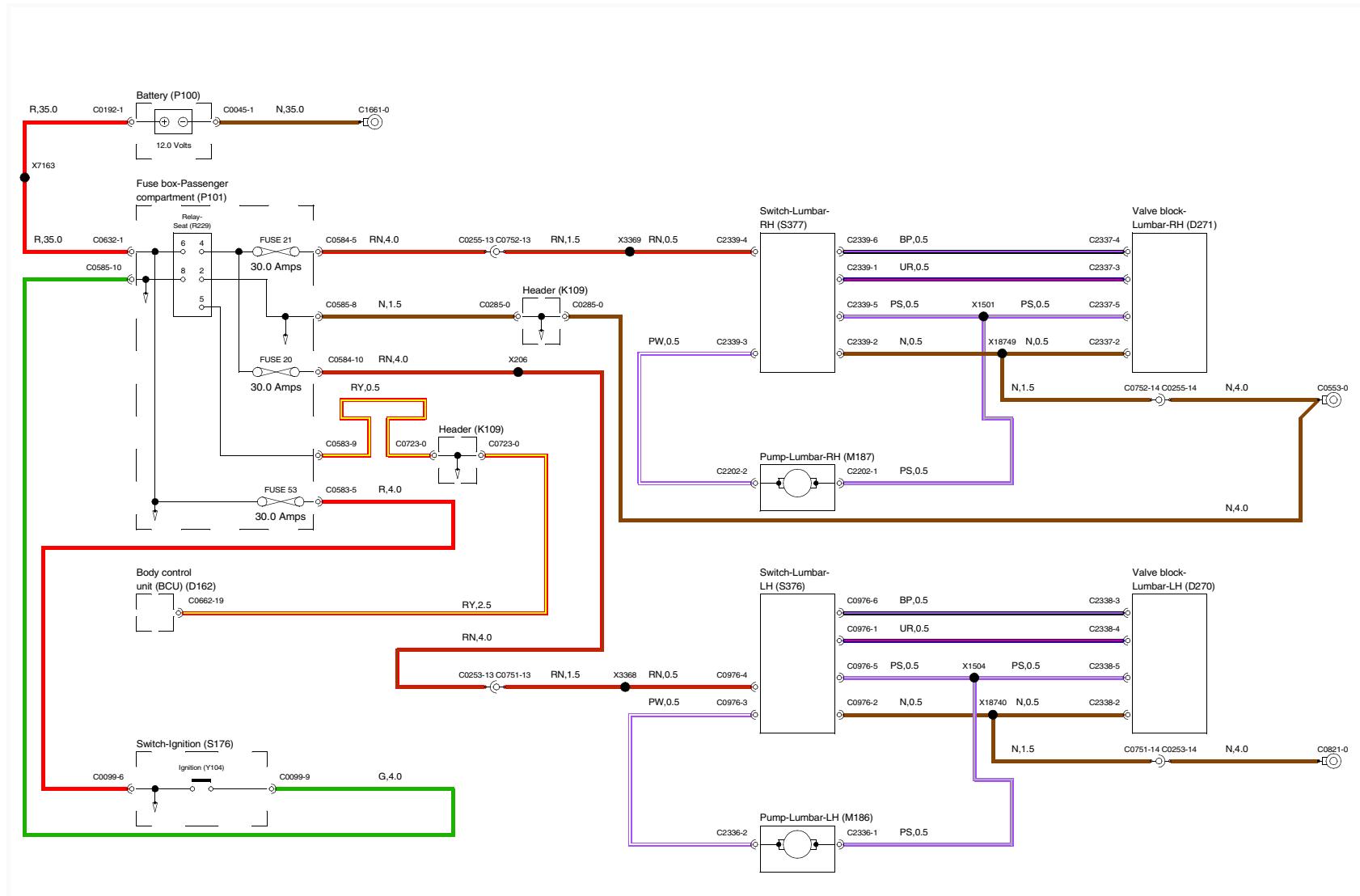


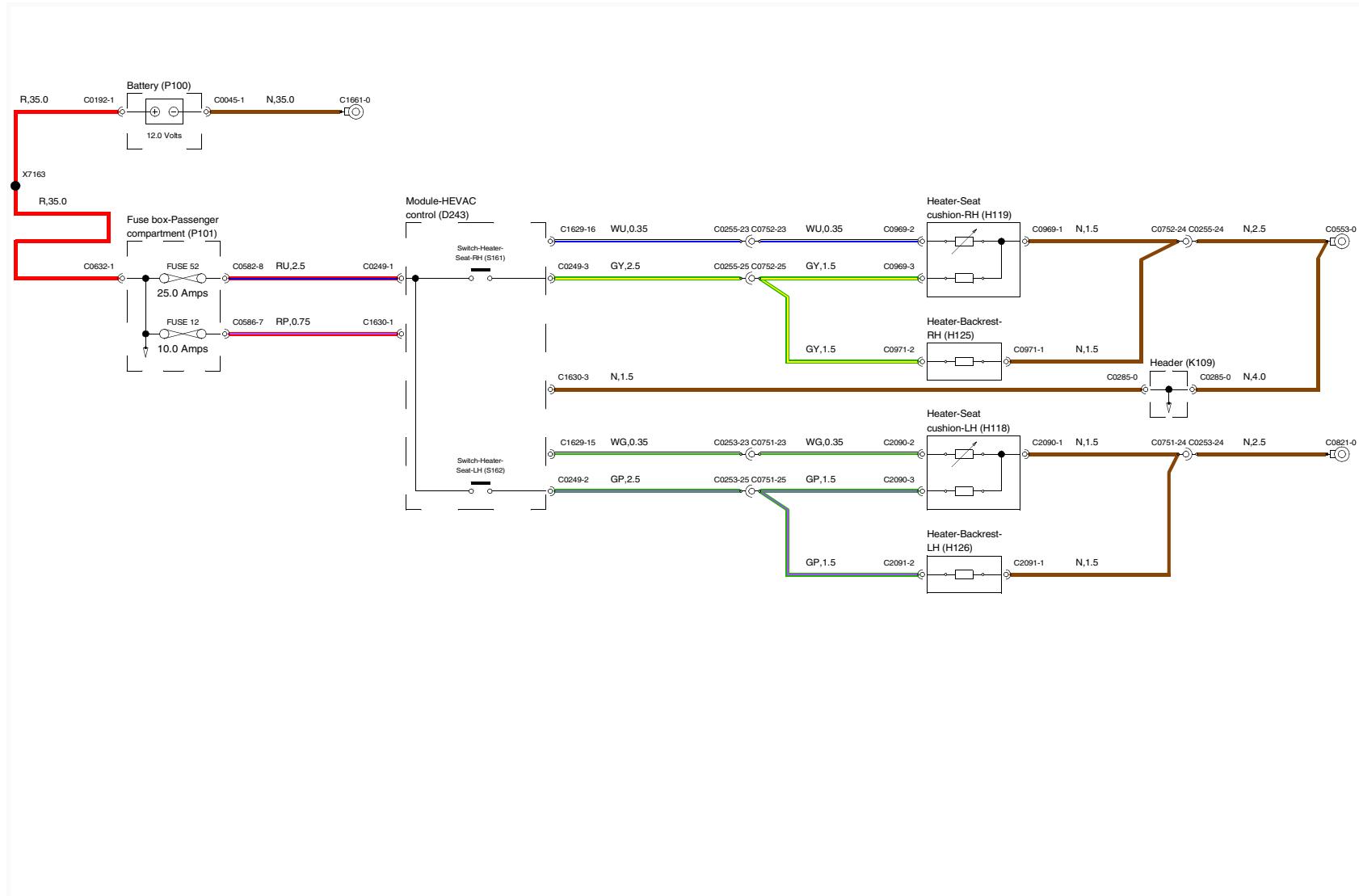




8 SEATS

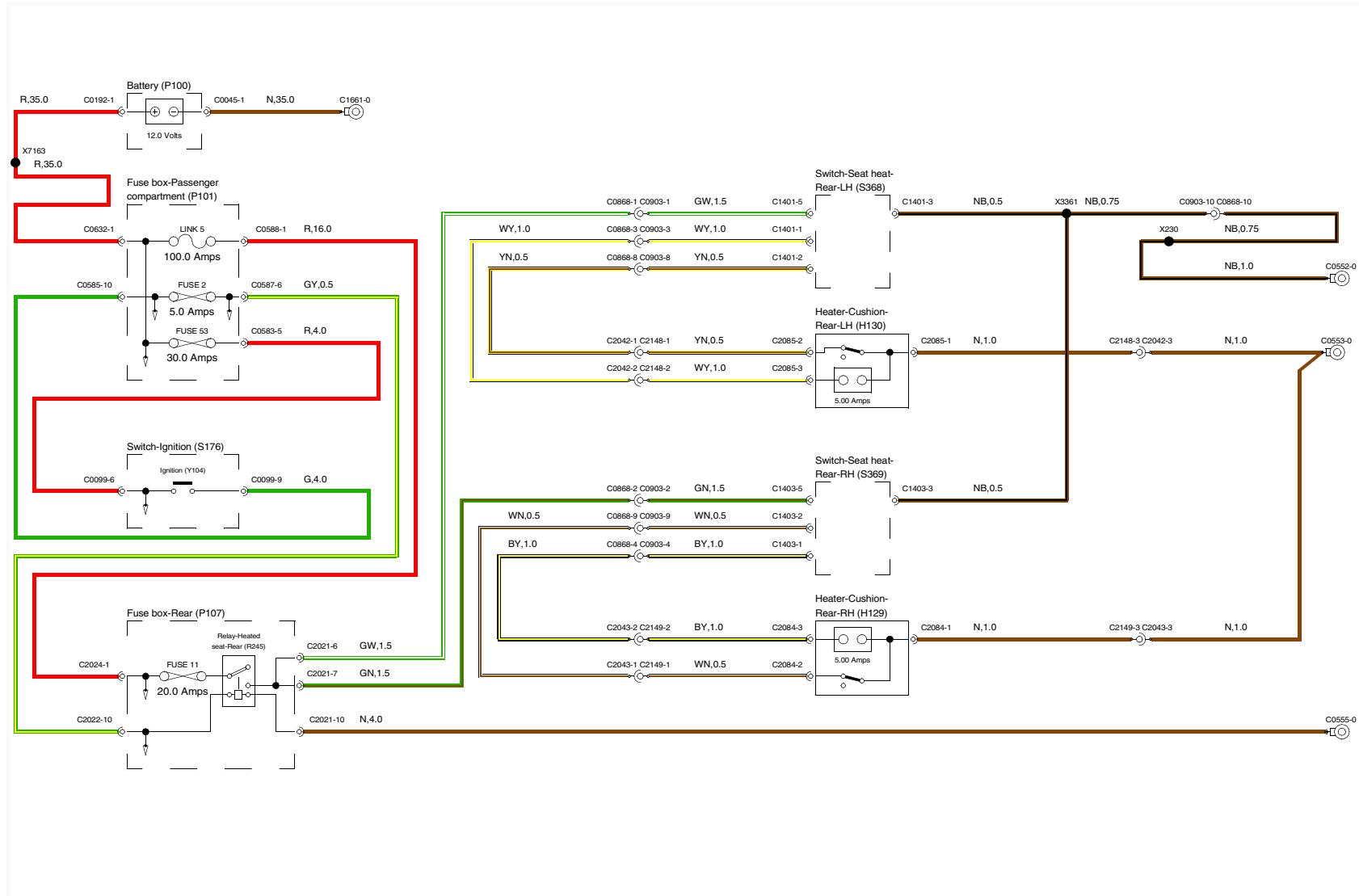
Lumbar Support - Electric





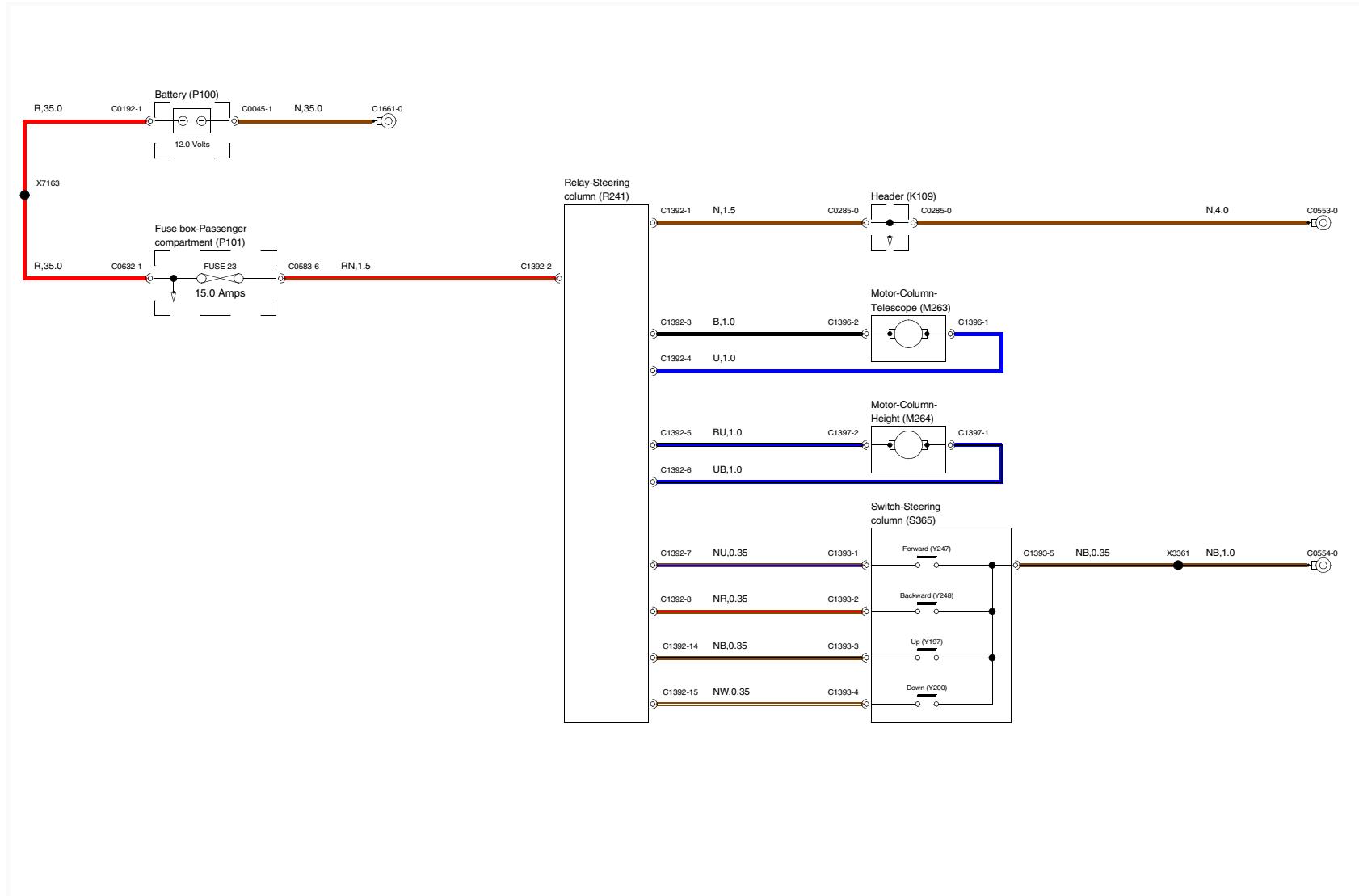
8 SEATS

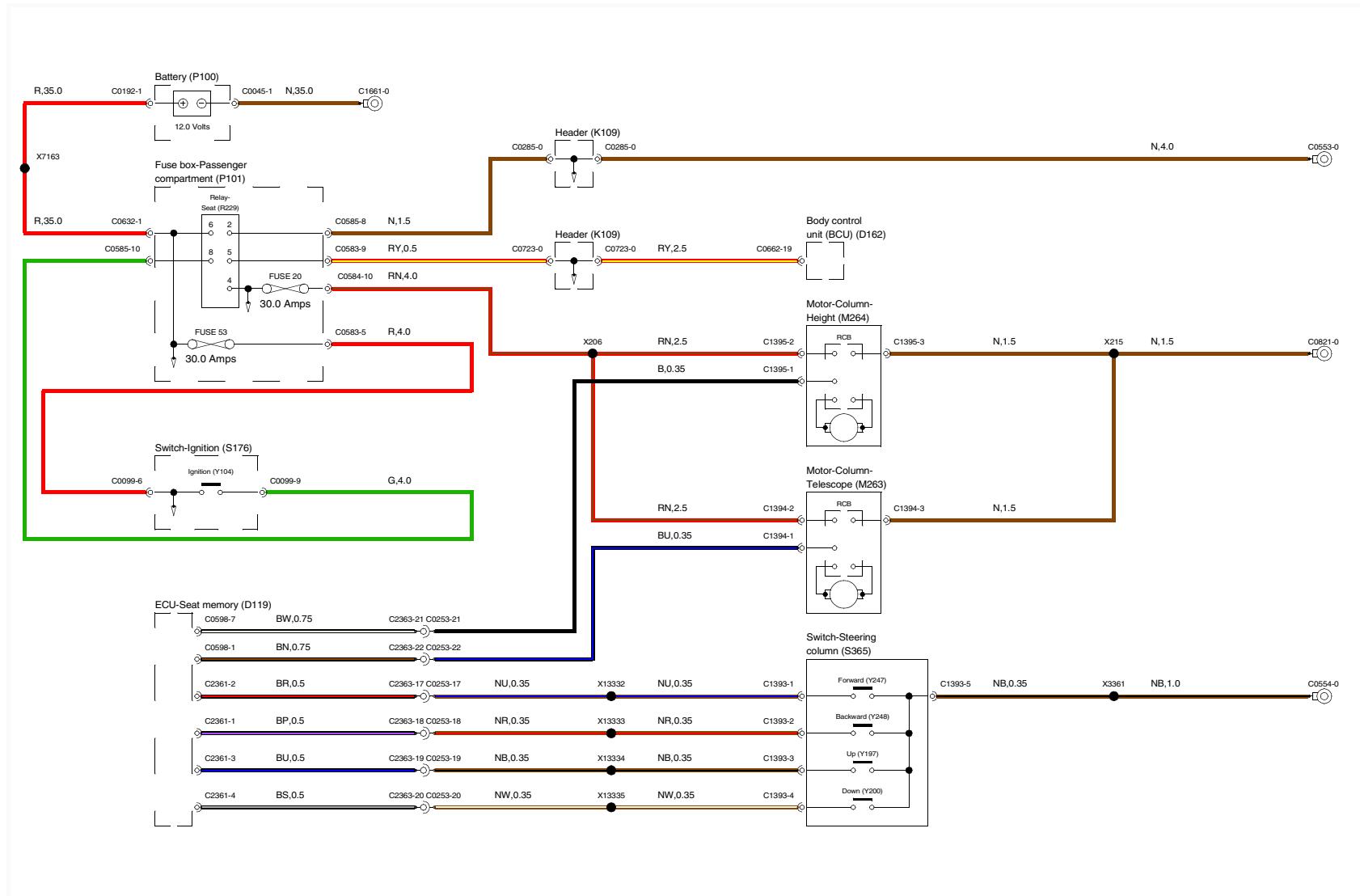
Heated - Front

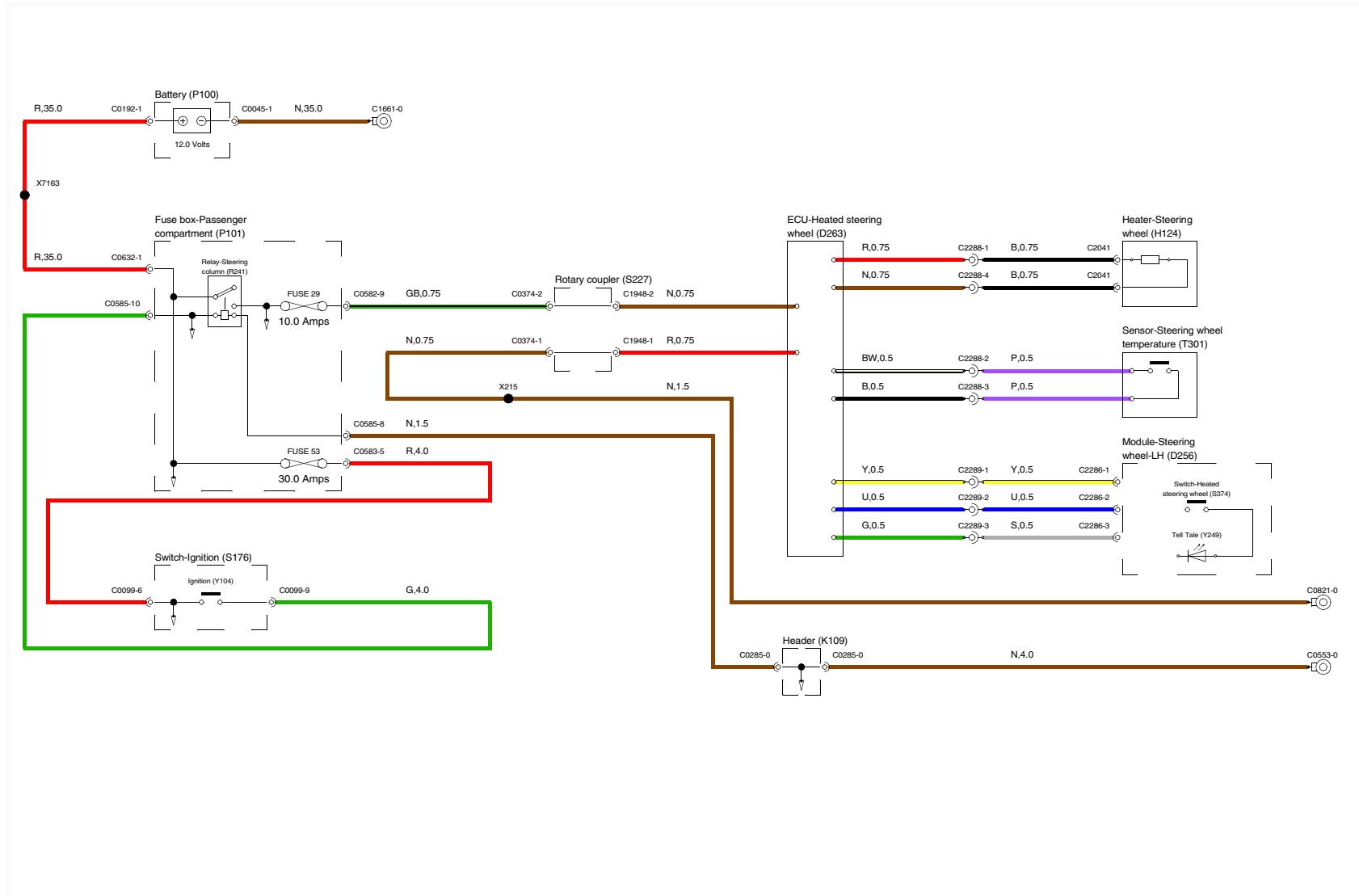


8 SEATS

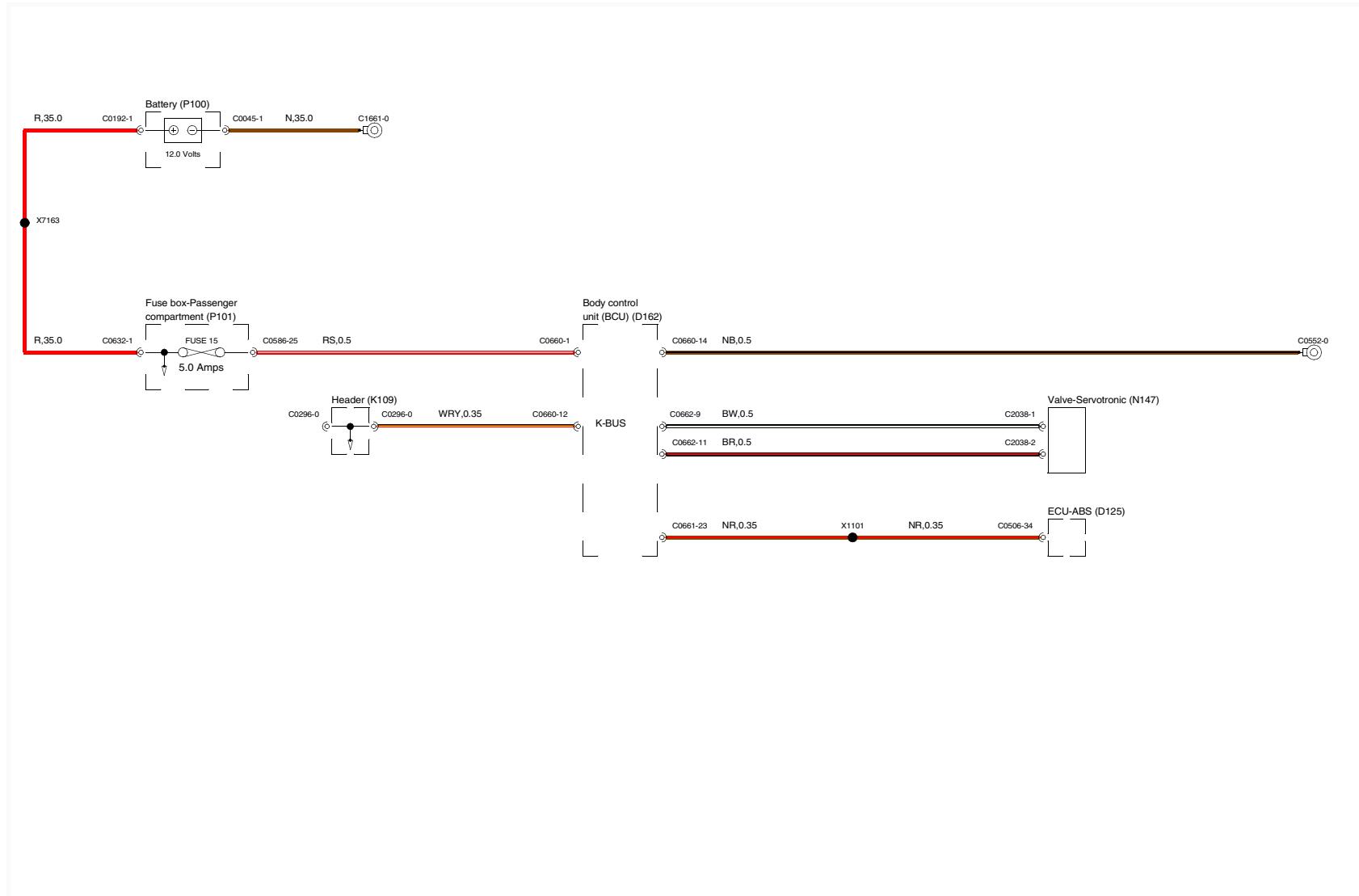
Heated - Rear



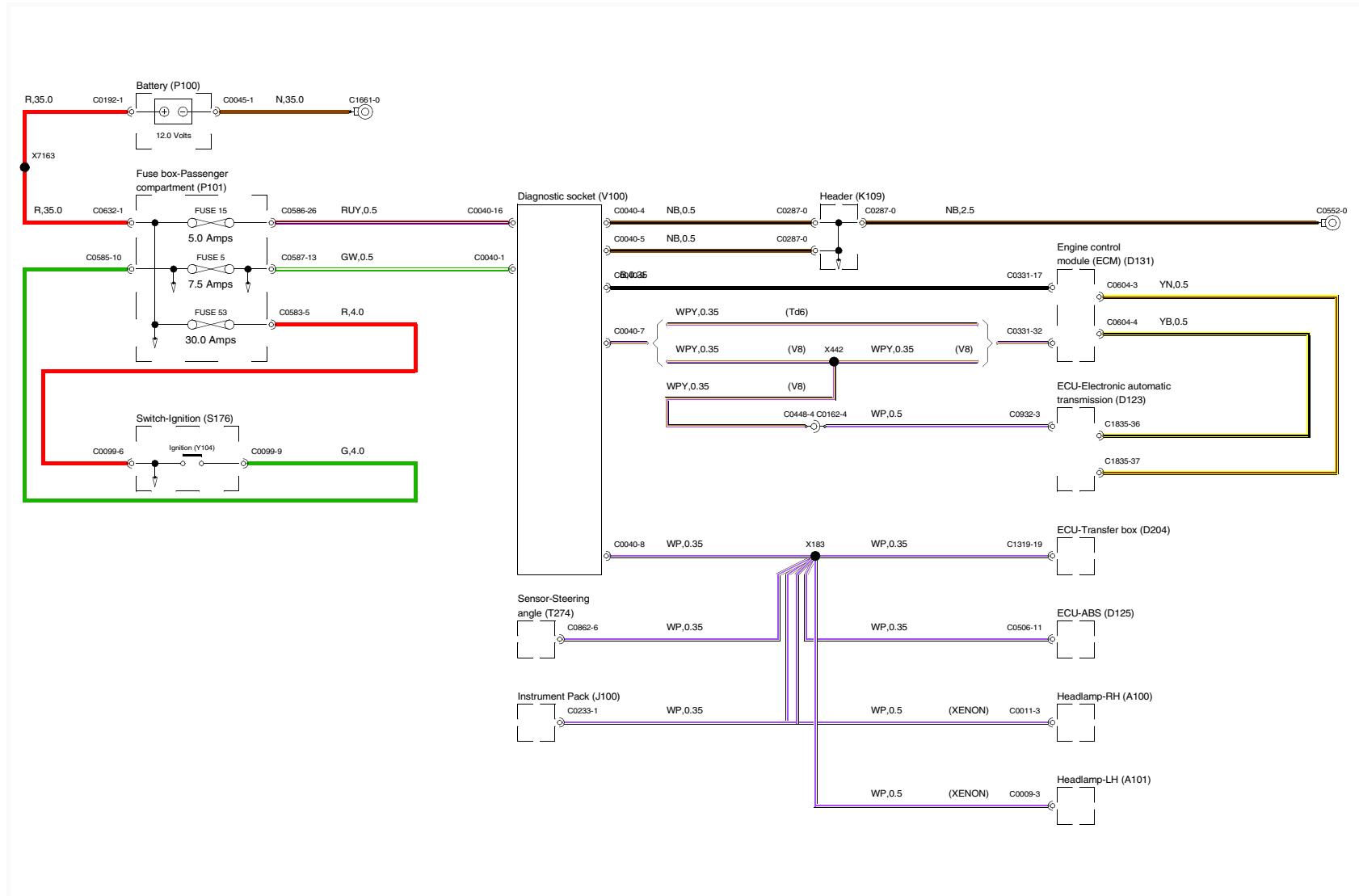




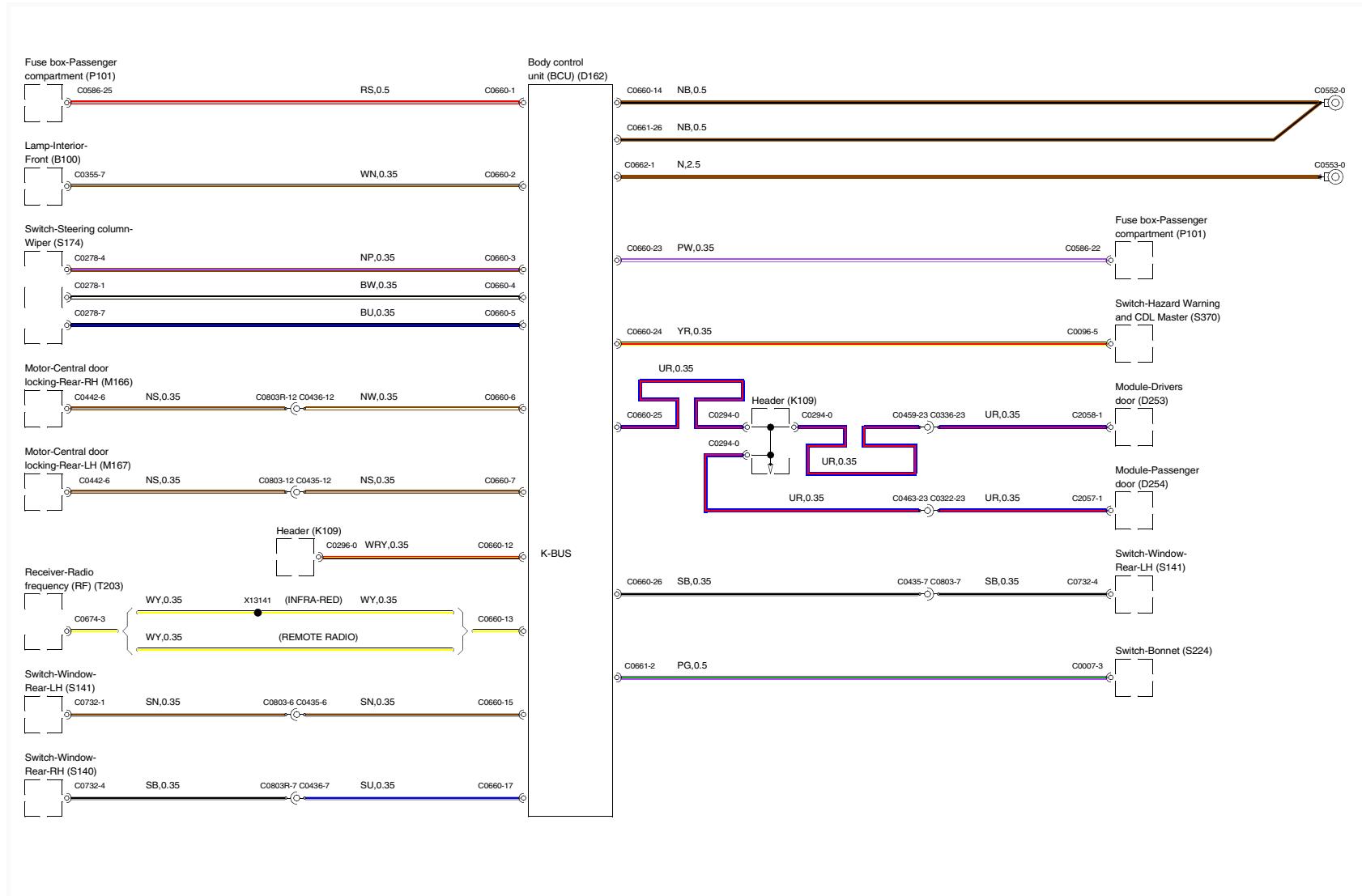
9 STEERING

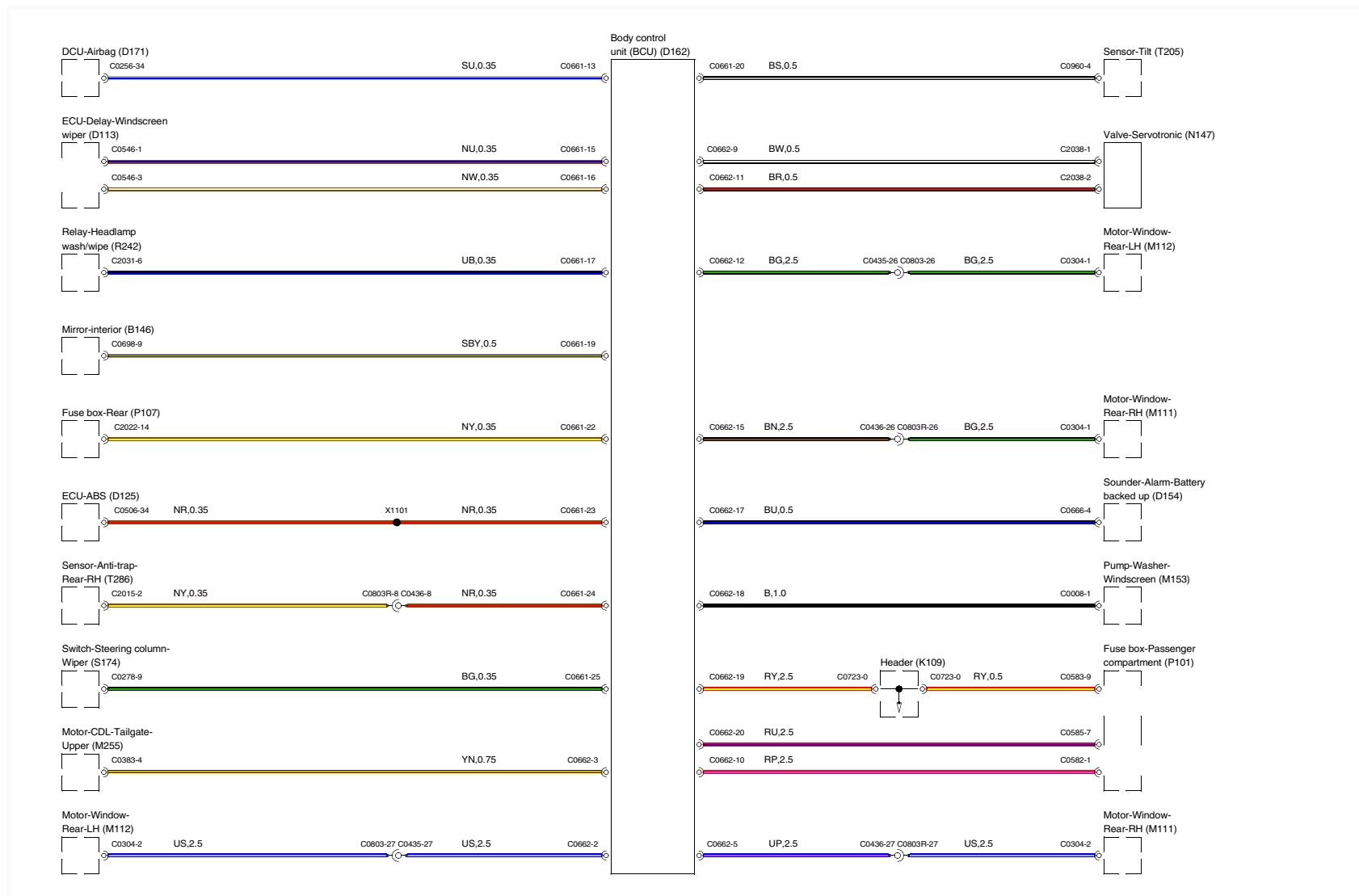


10 | DIAGNOSTIC SOCKET

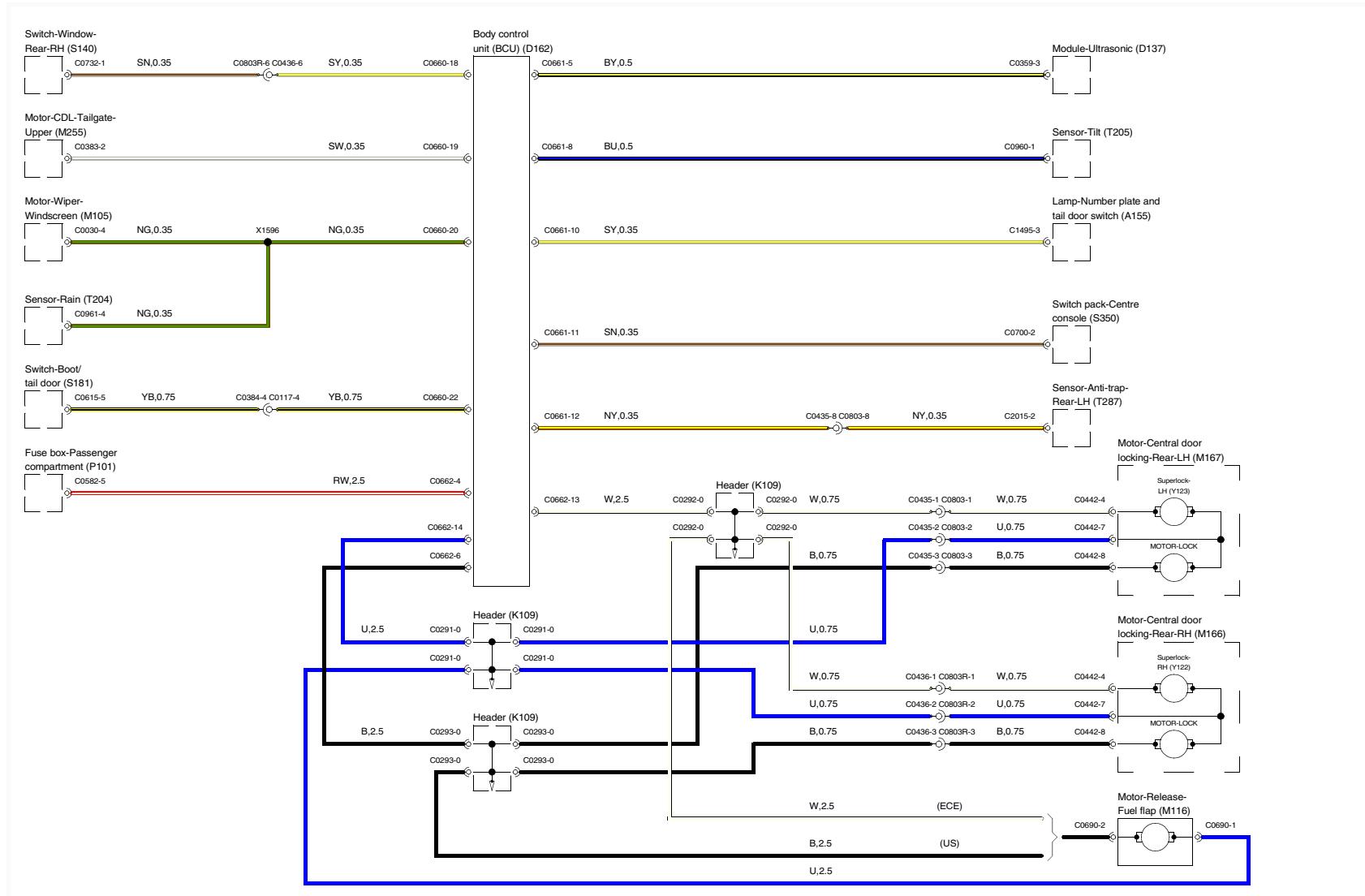


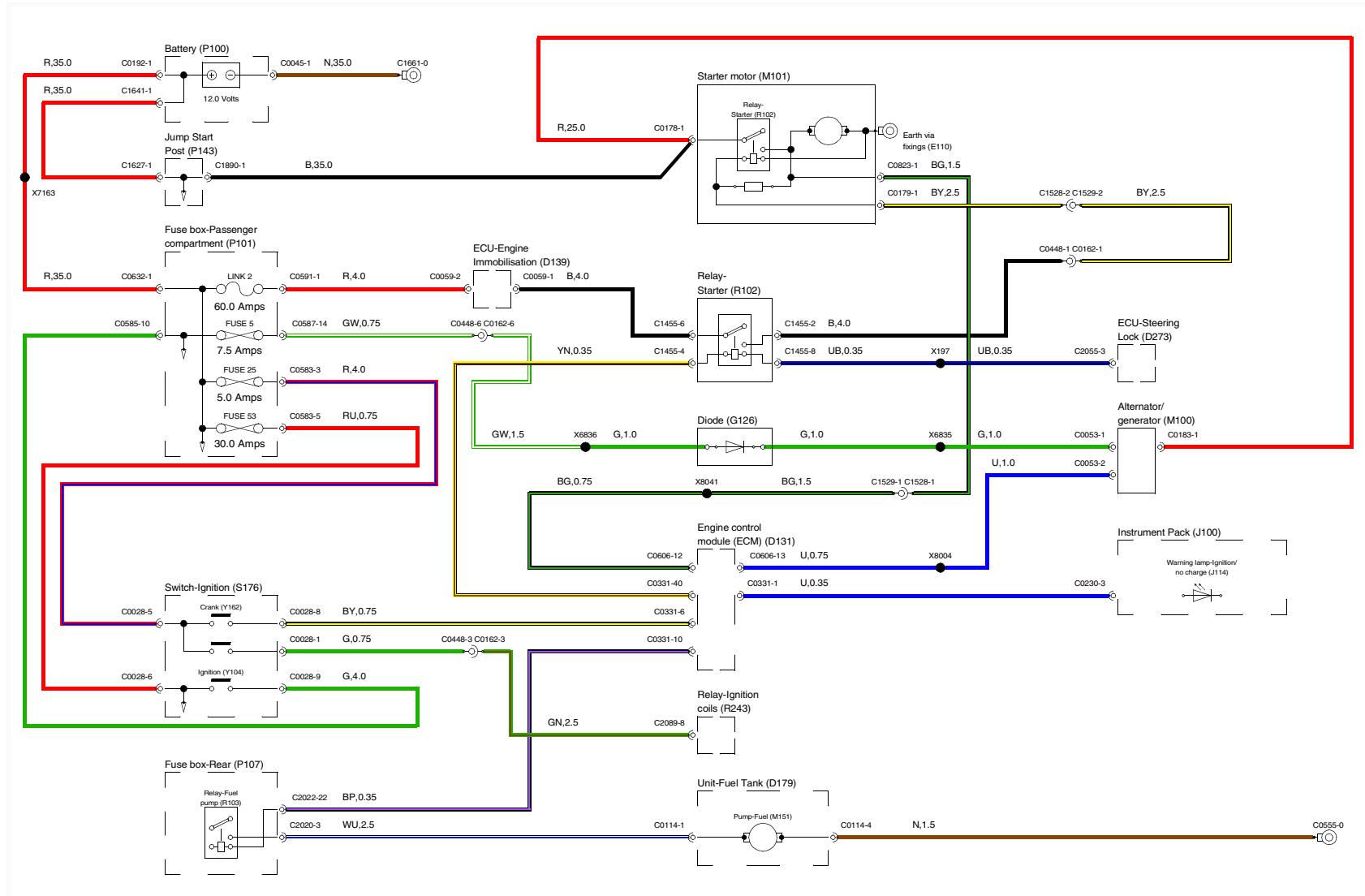
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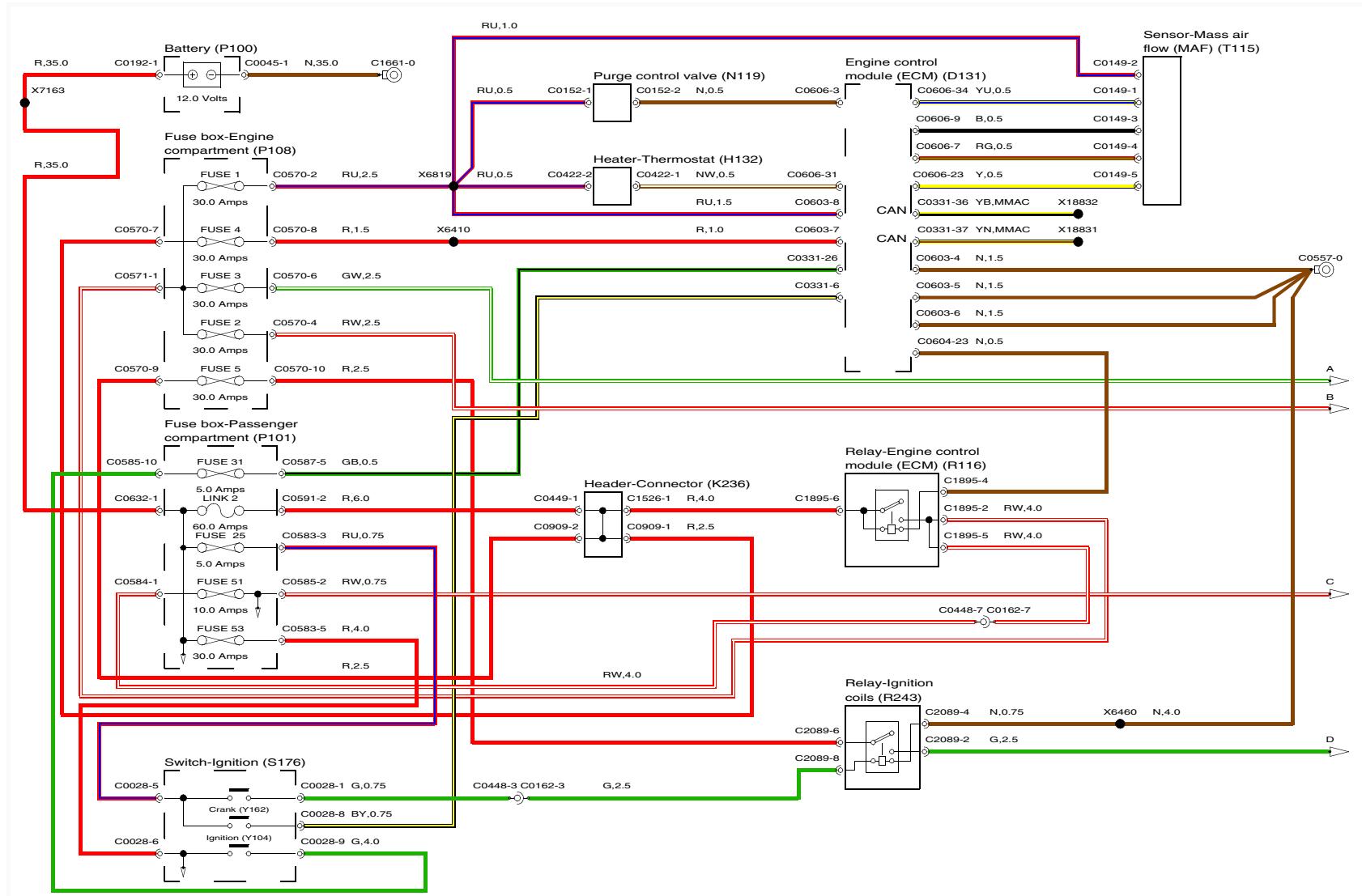


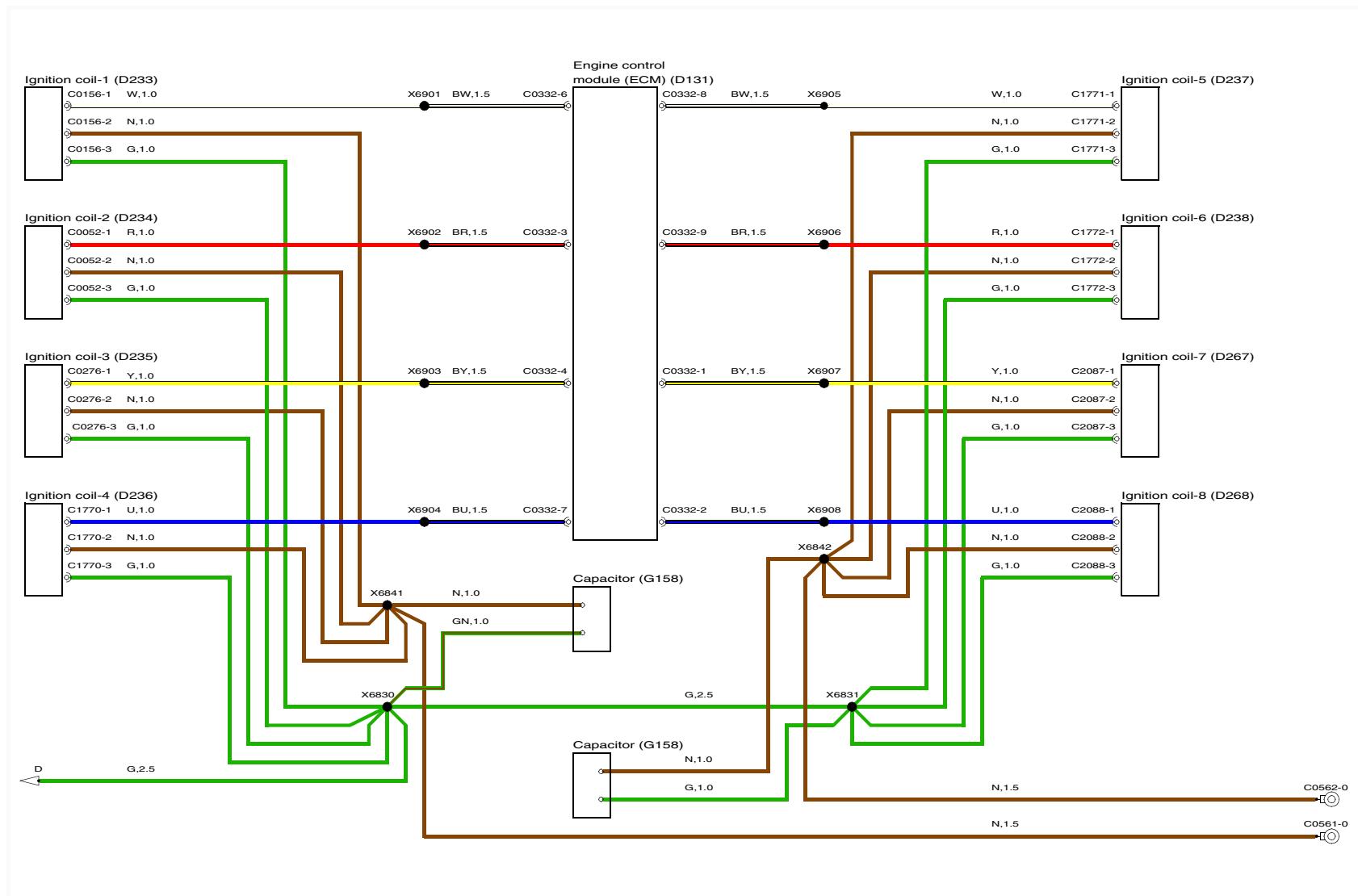


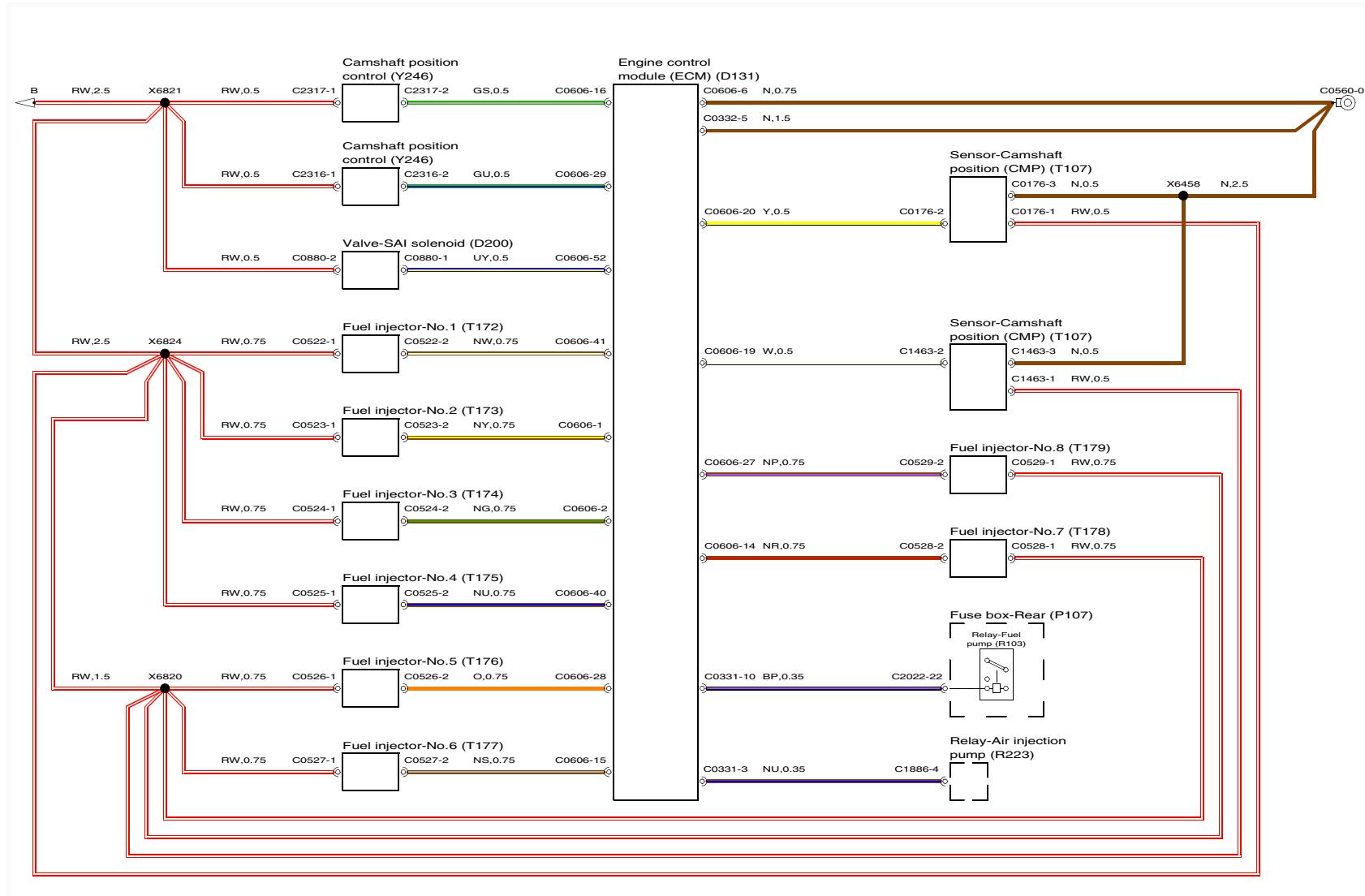
11 BODY CONTROL UNIT

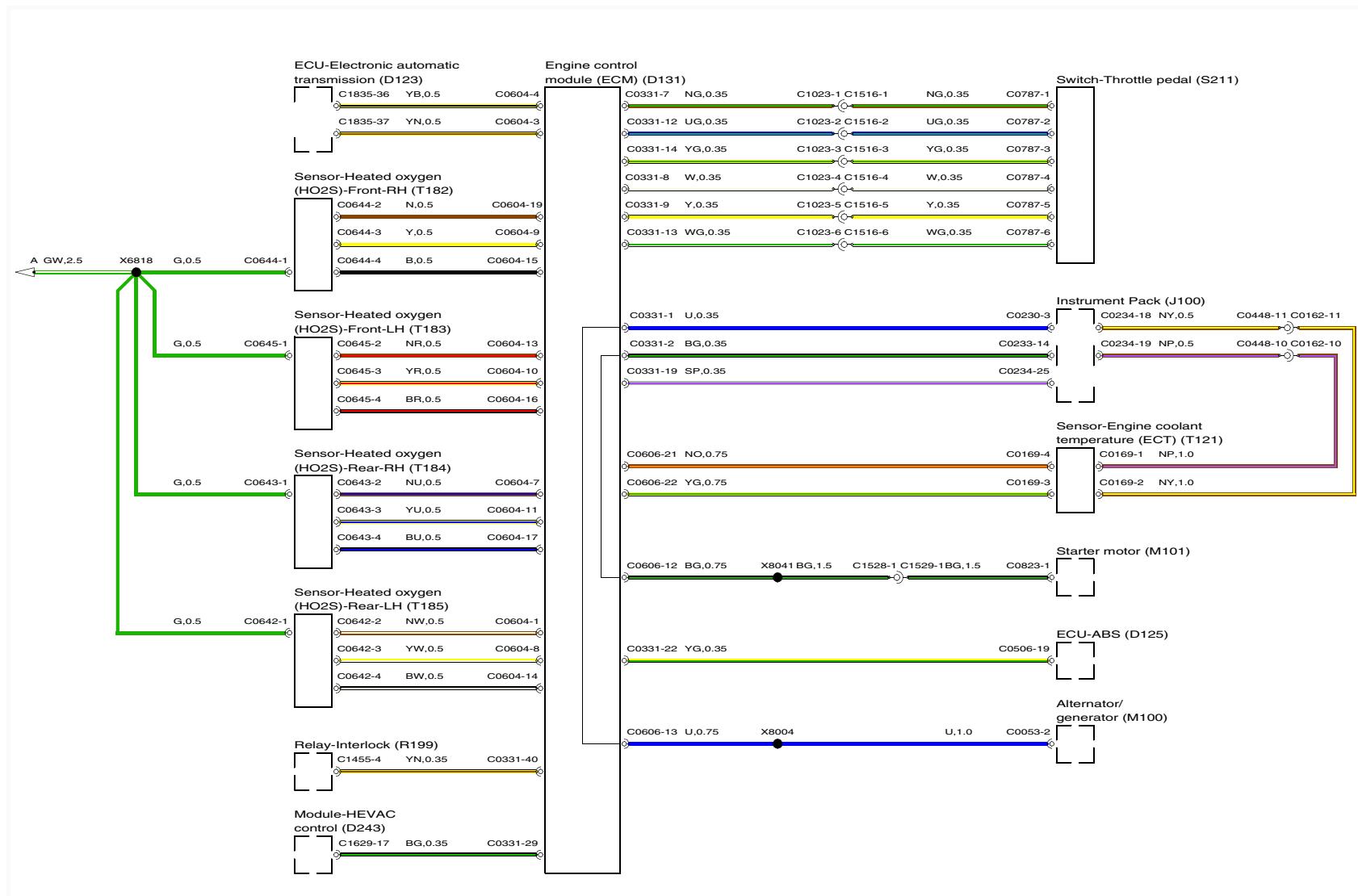


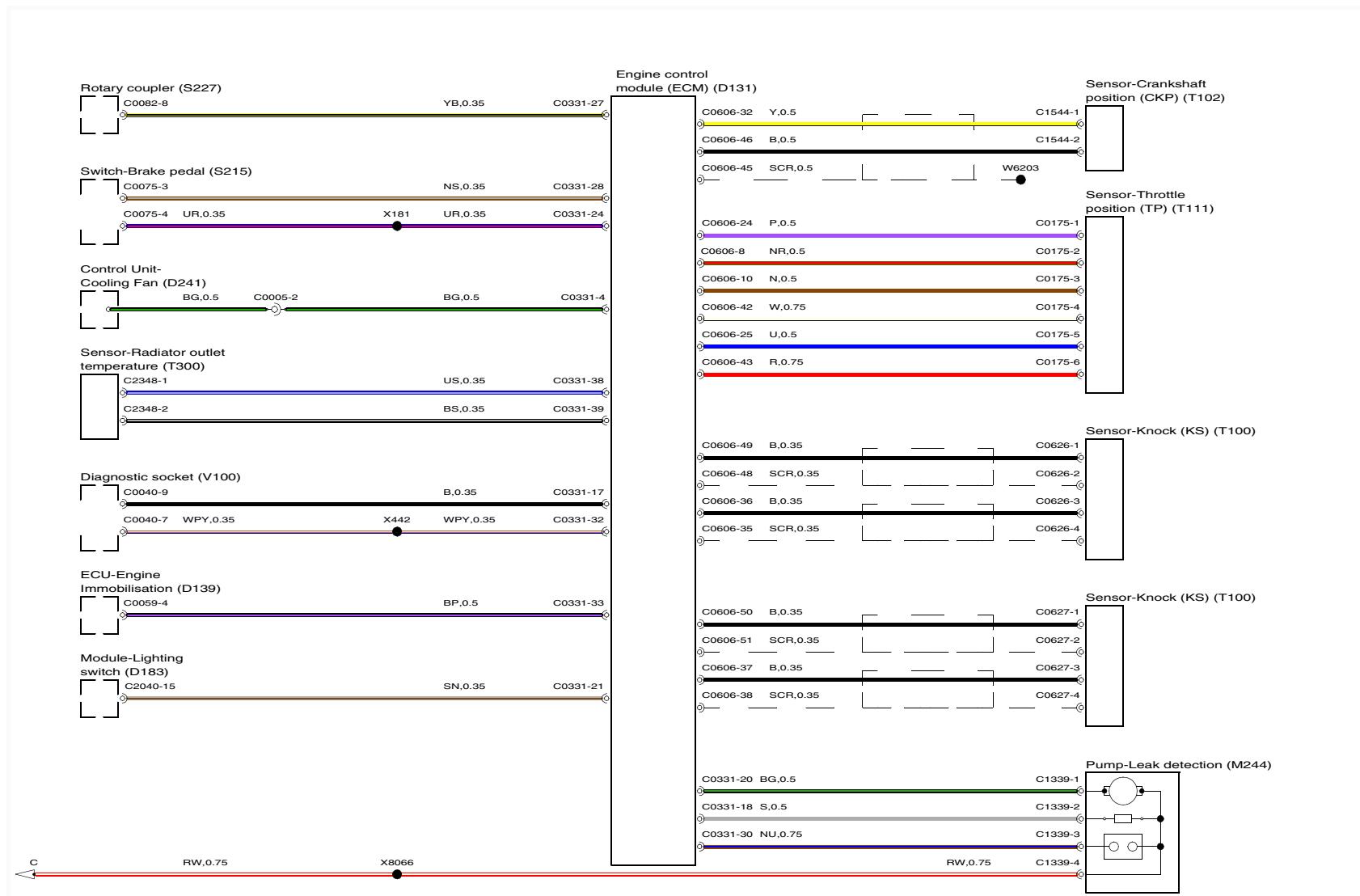


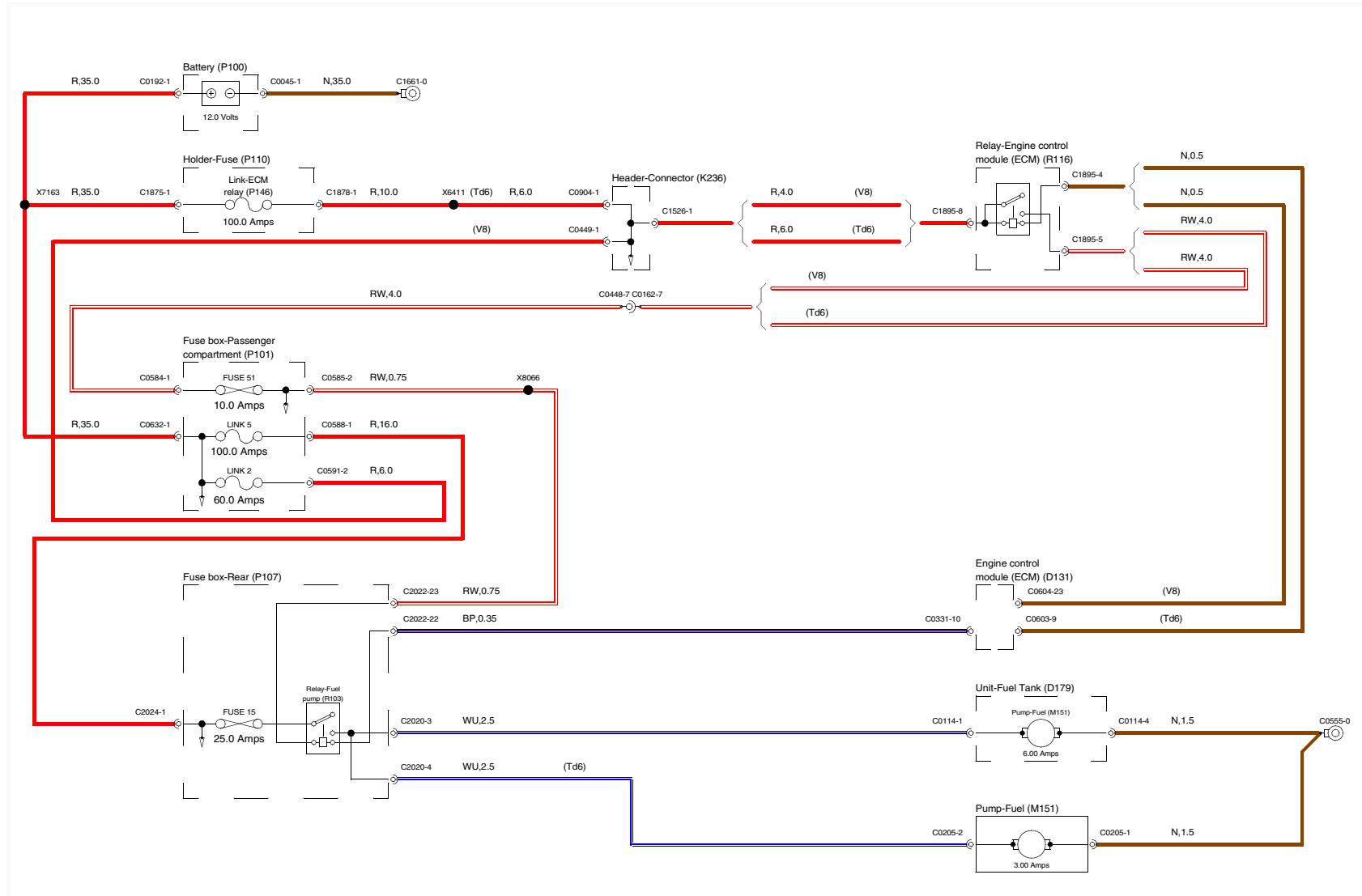




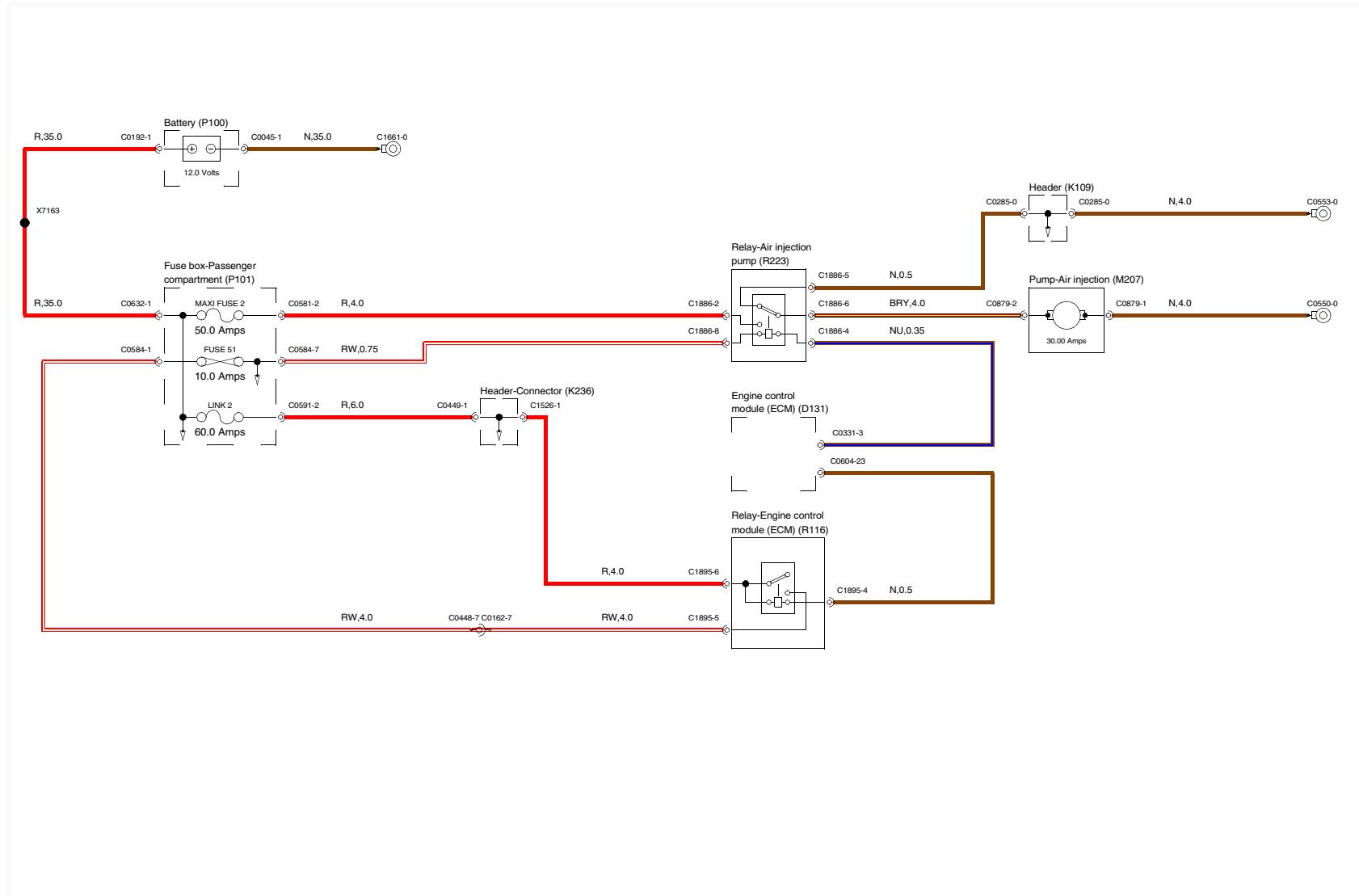


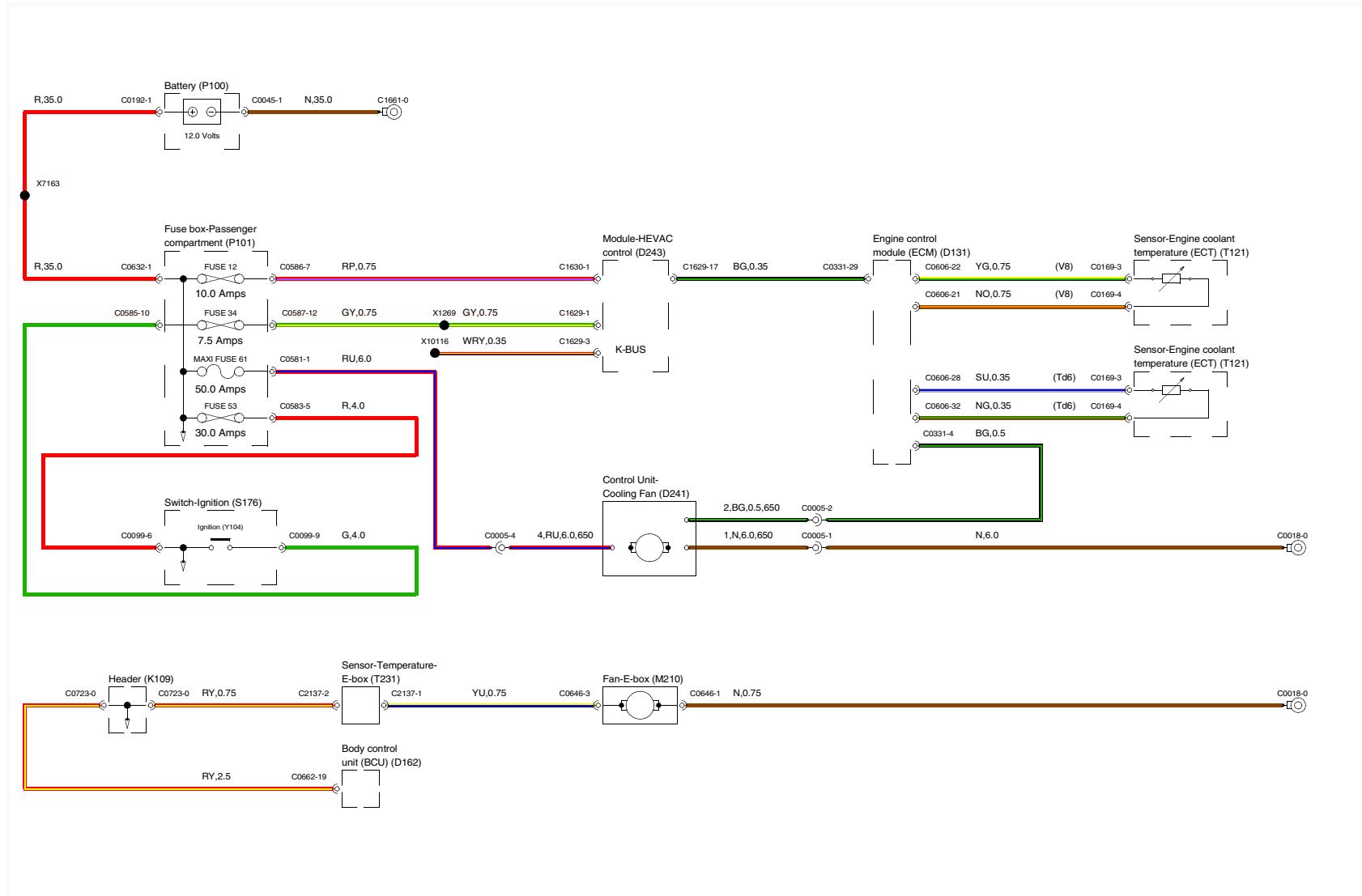




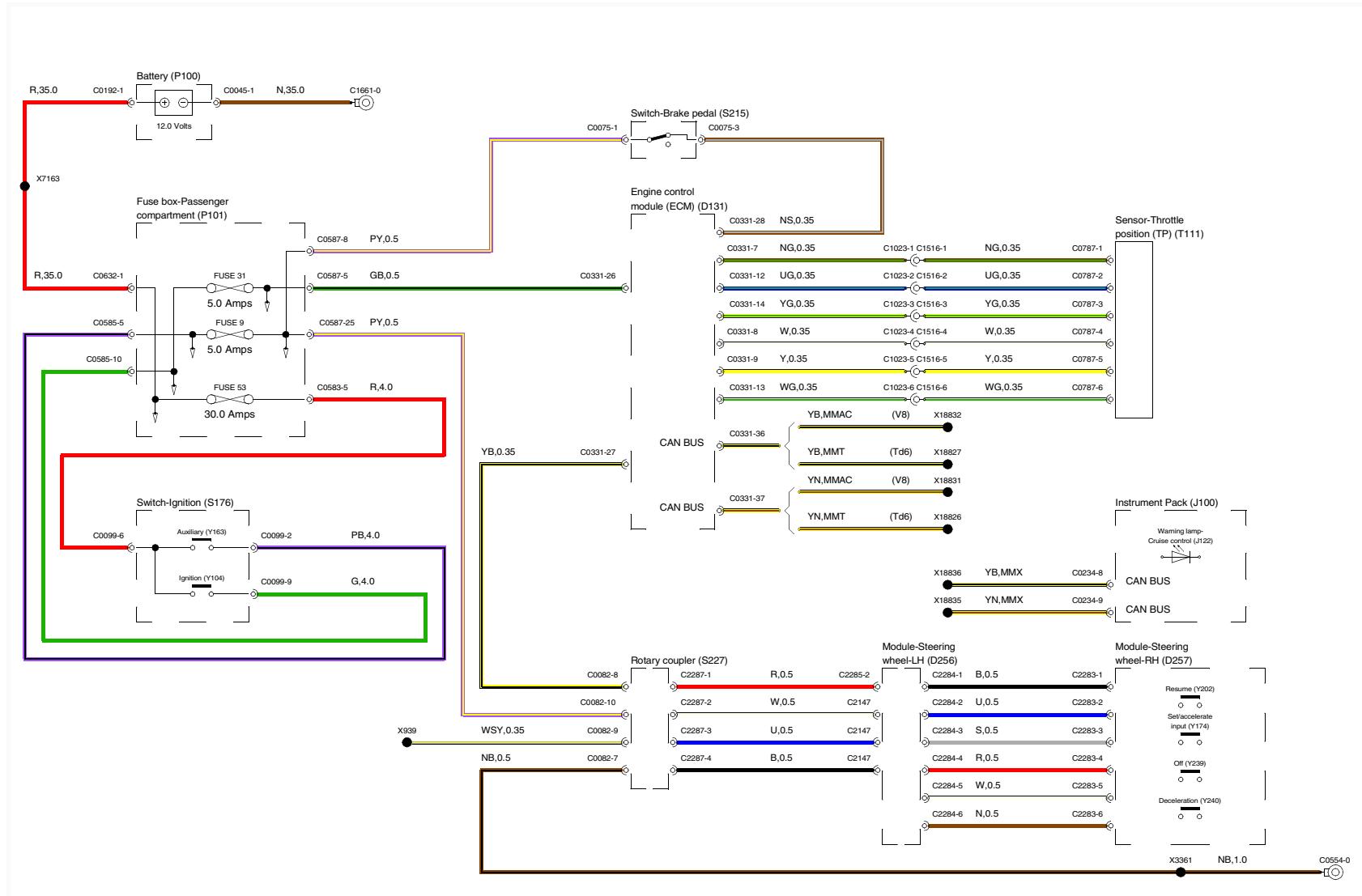


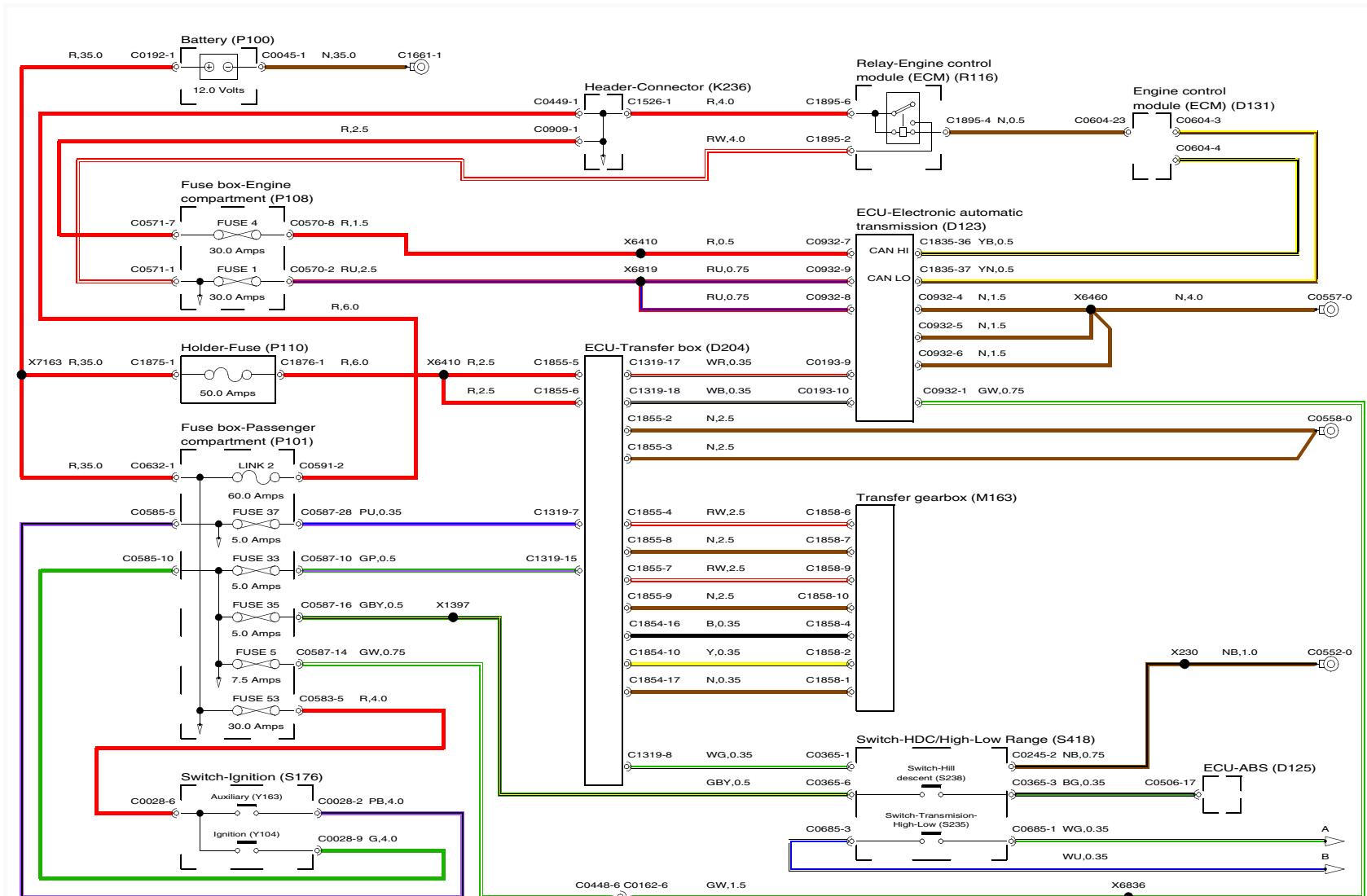
20 | SECONDARY AIR INJECTION

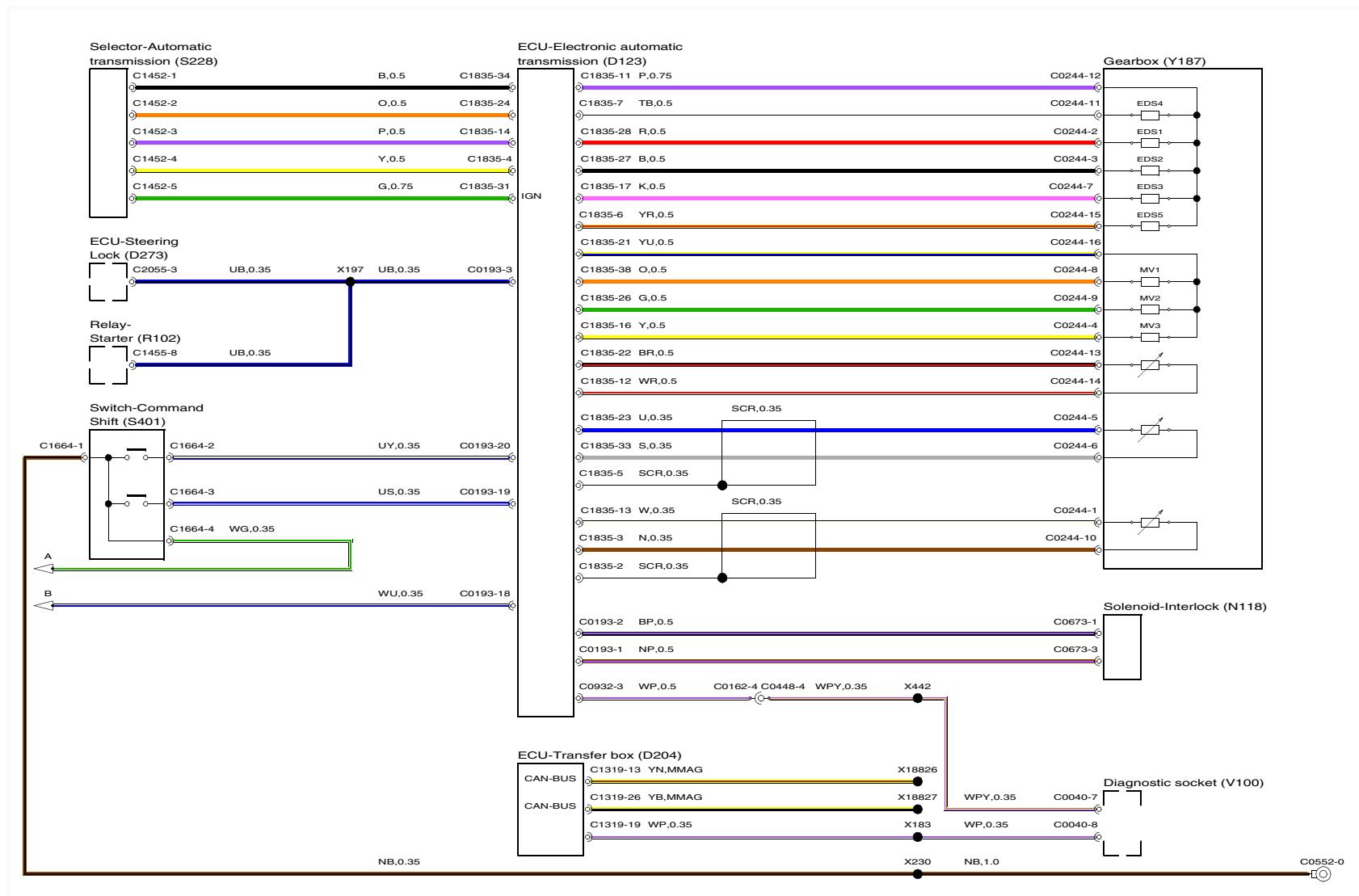


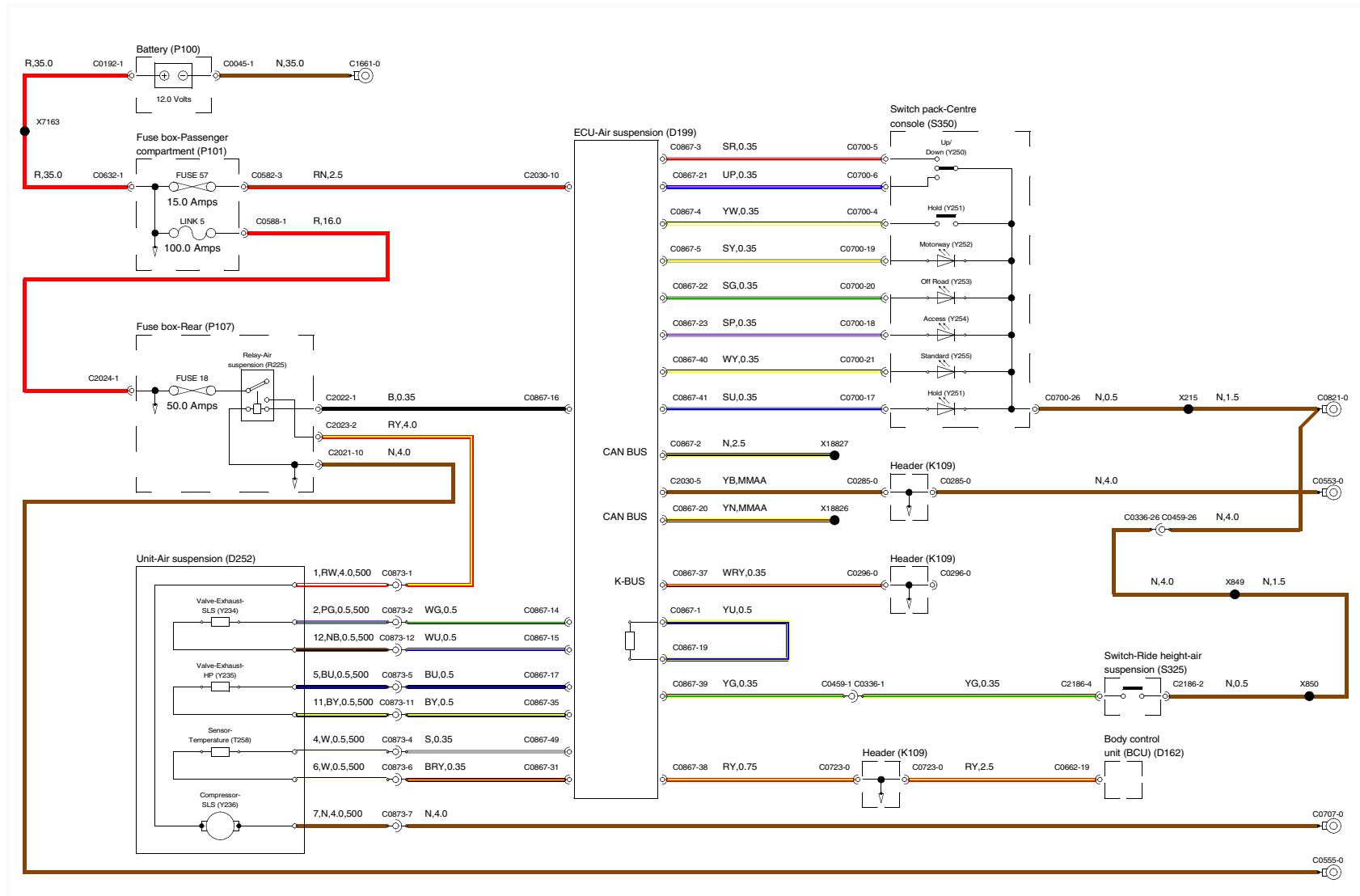


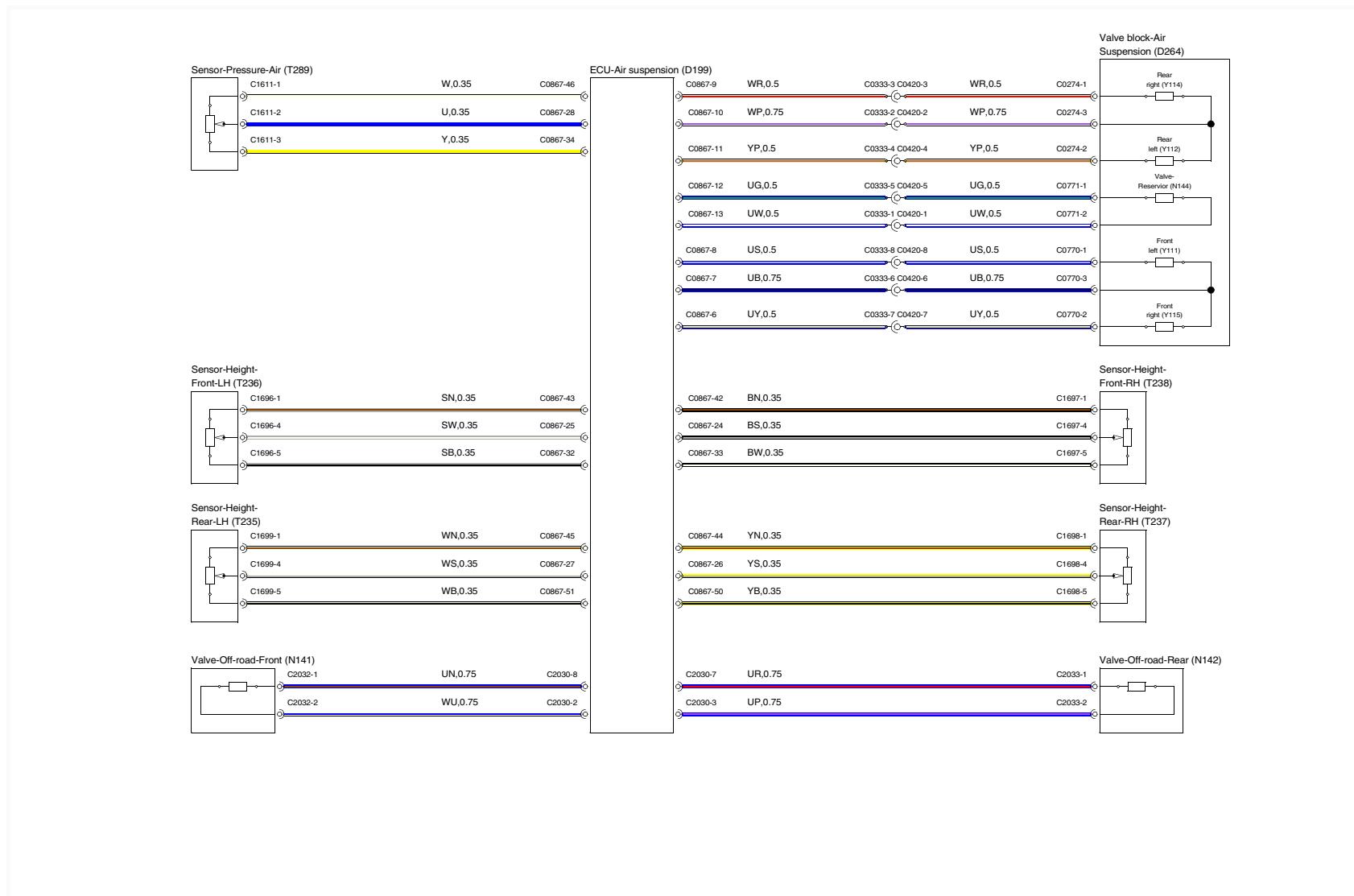
31 CRUISE CONTROL

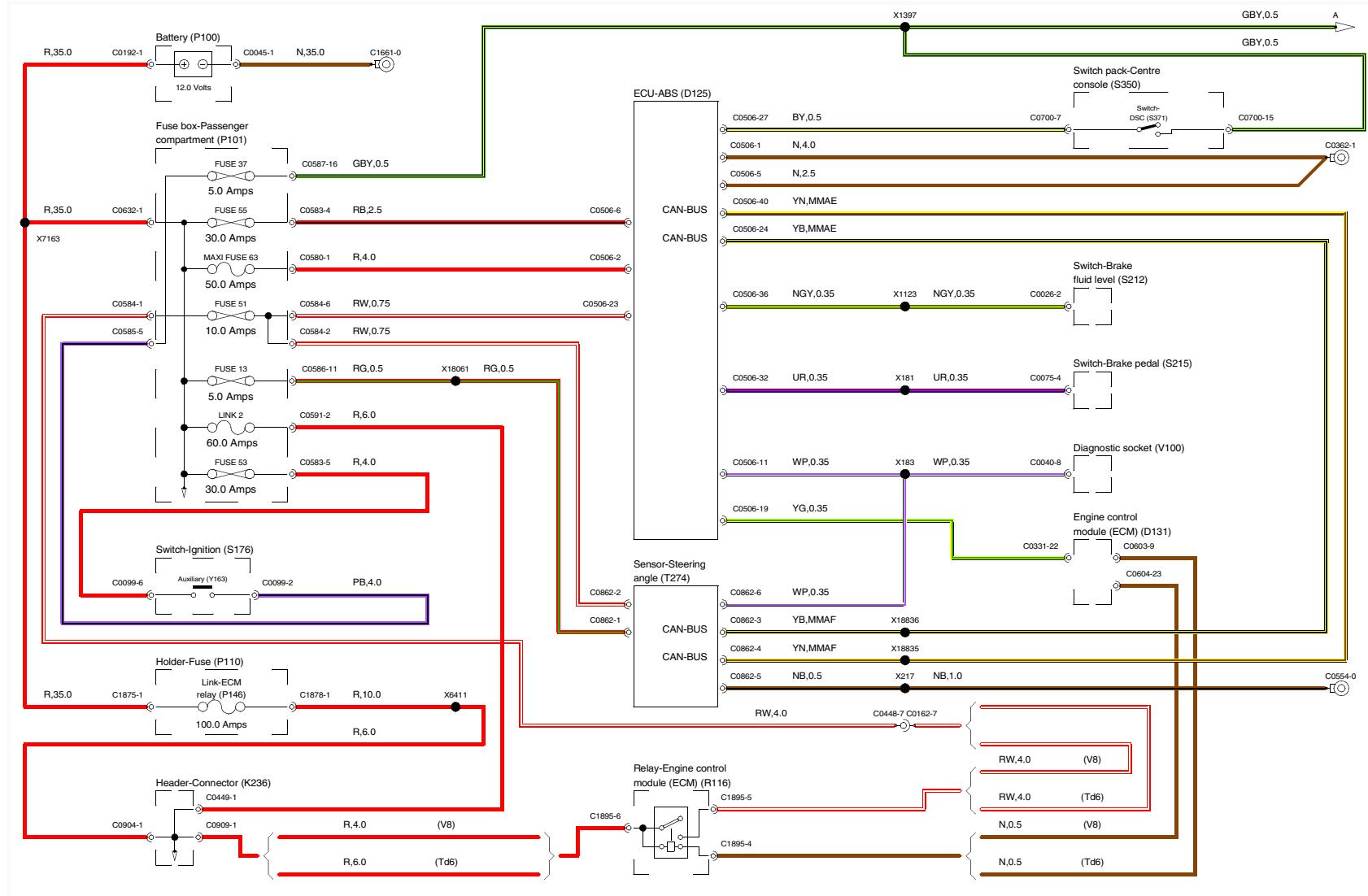


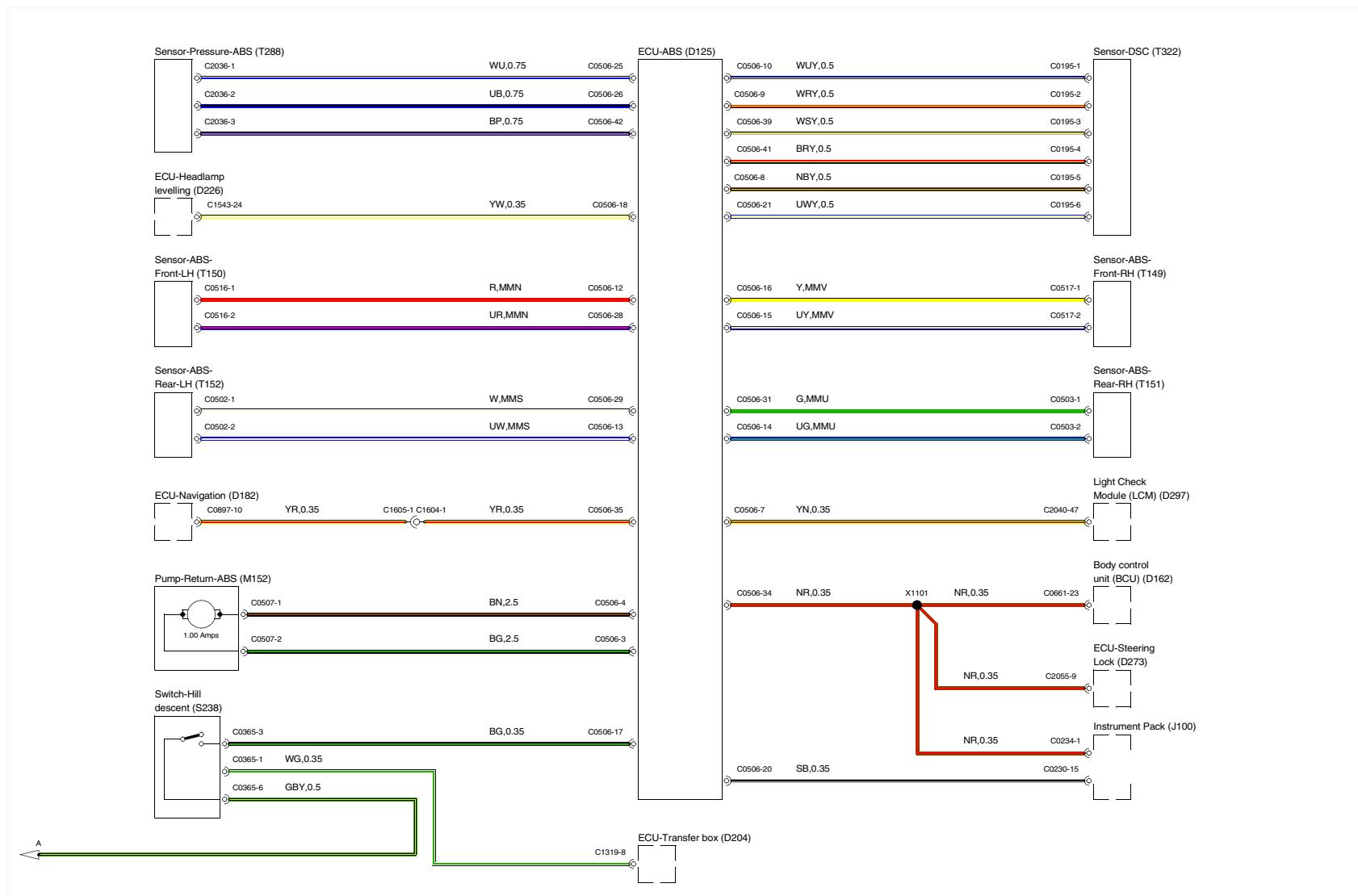


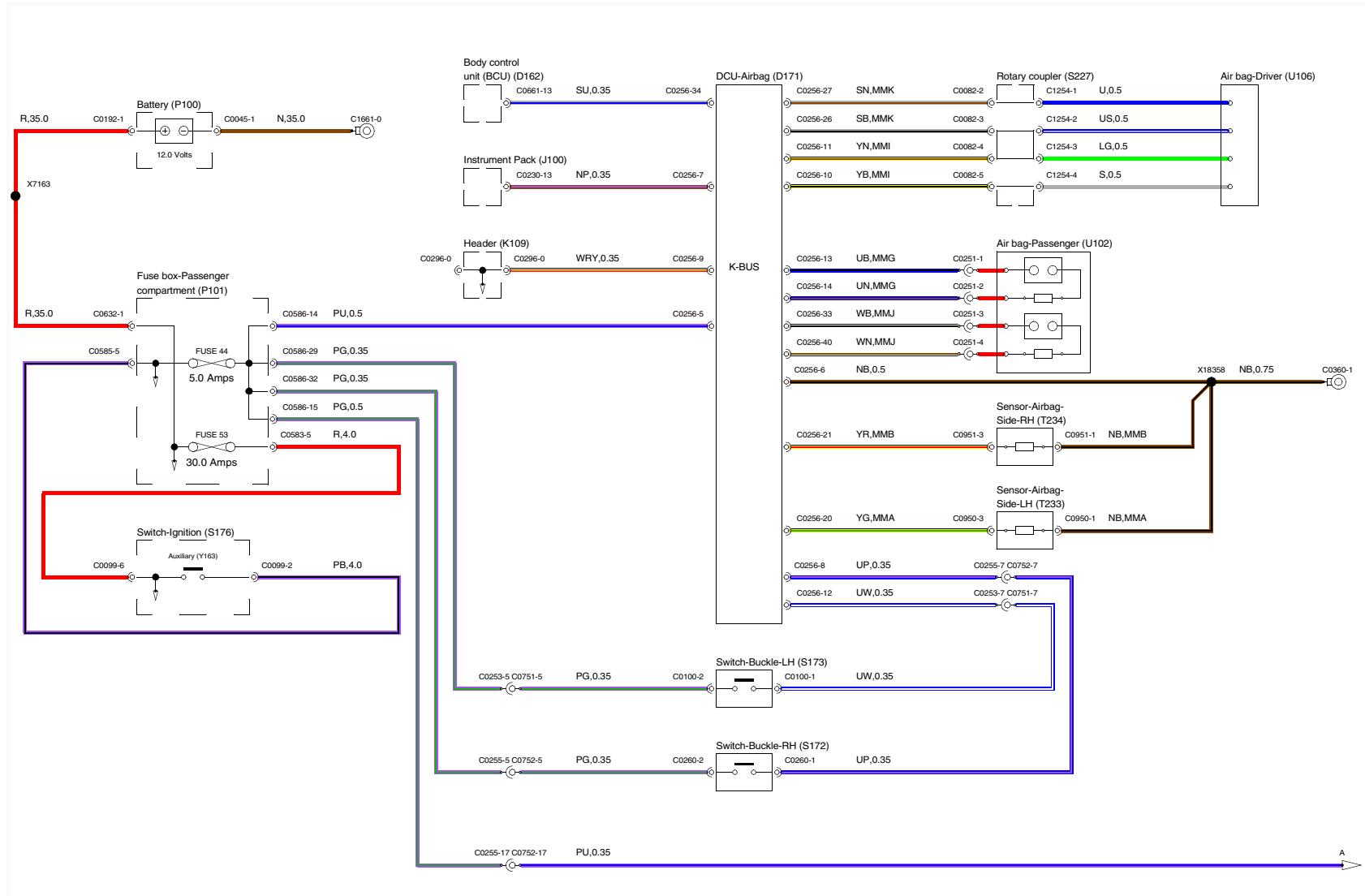


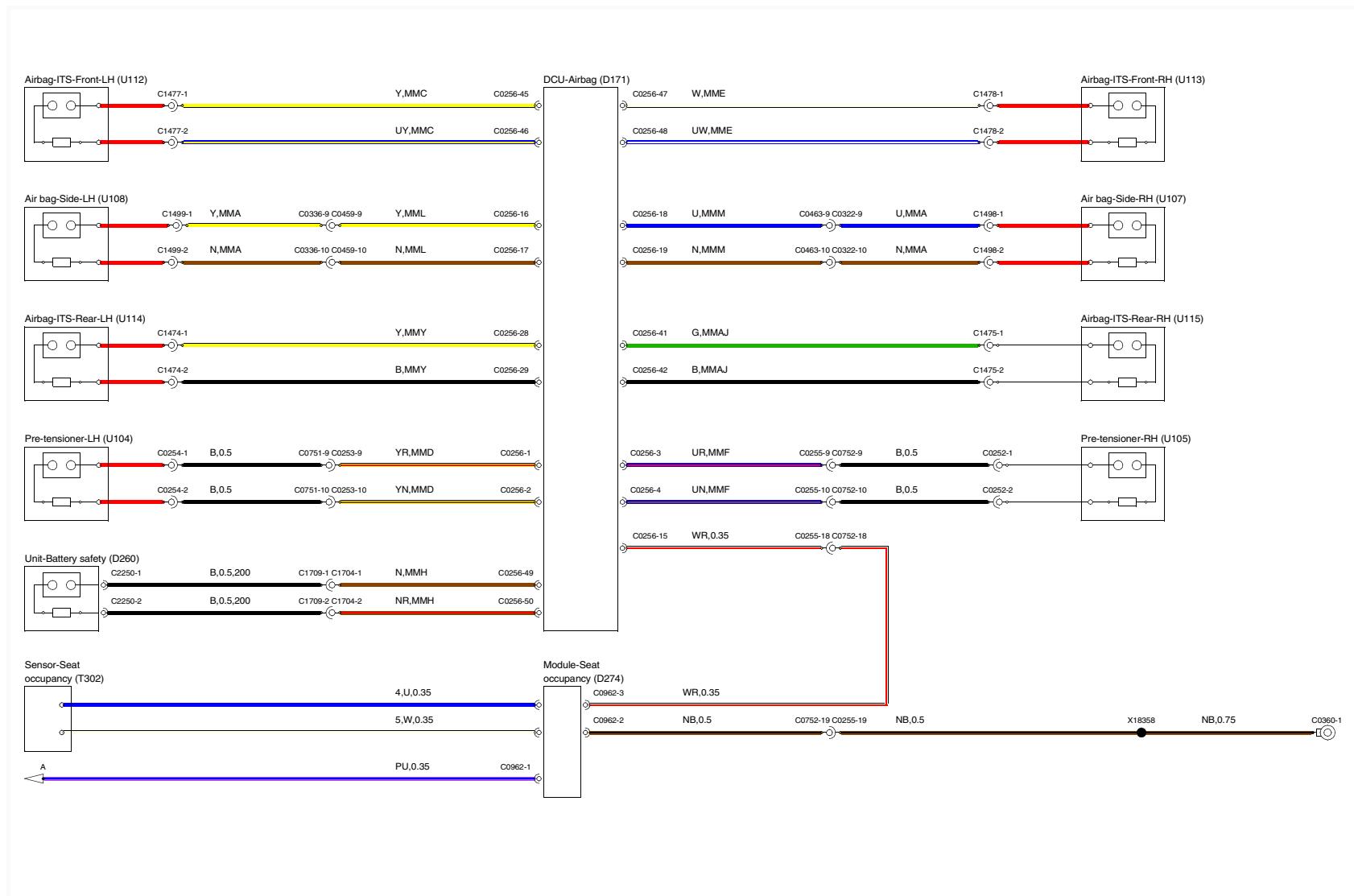


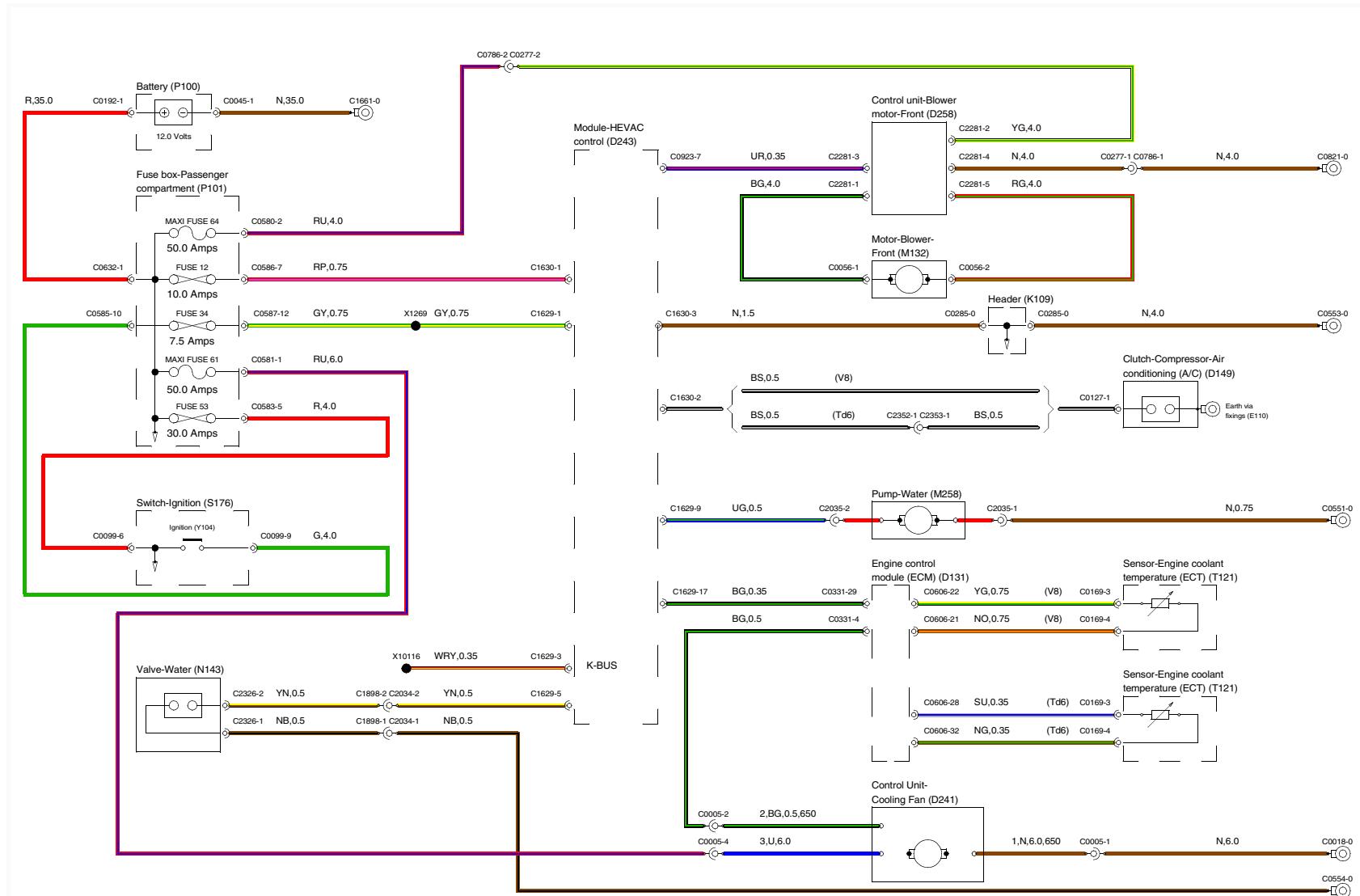


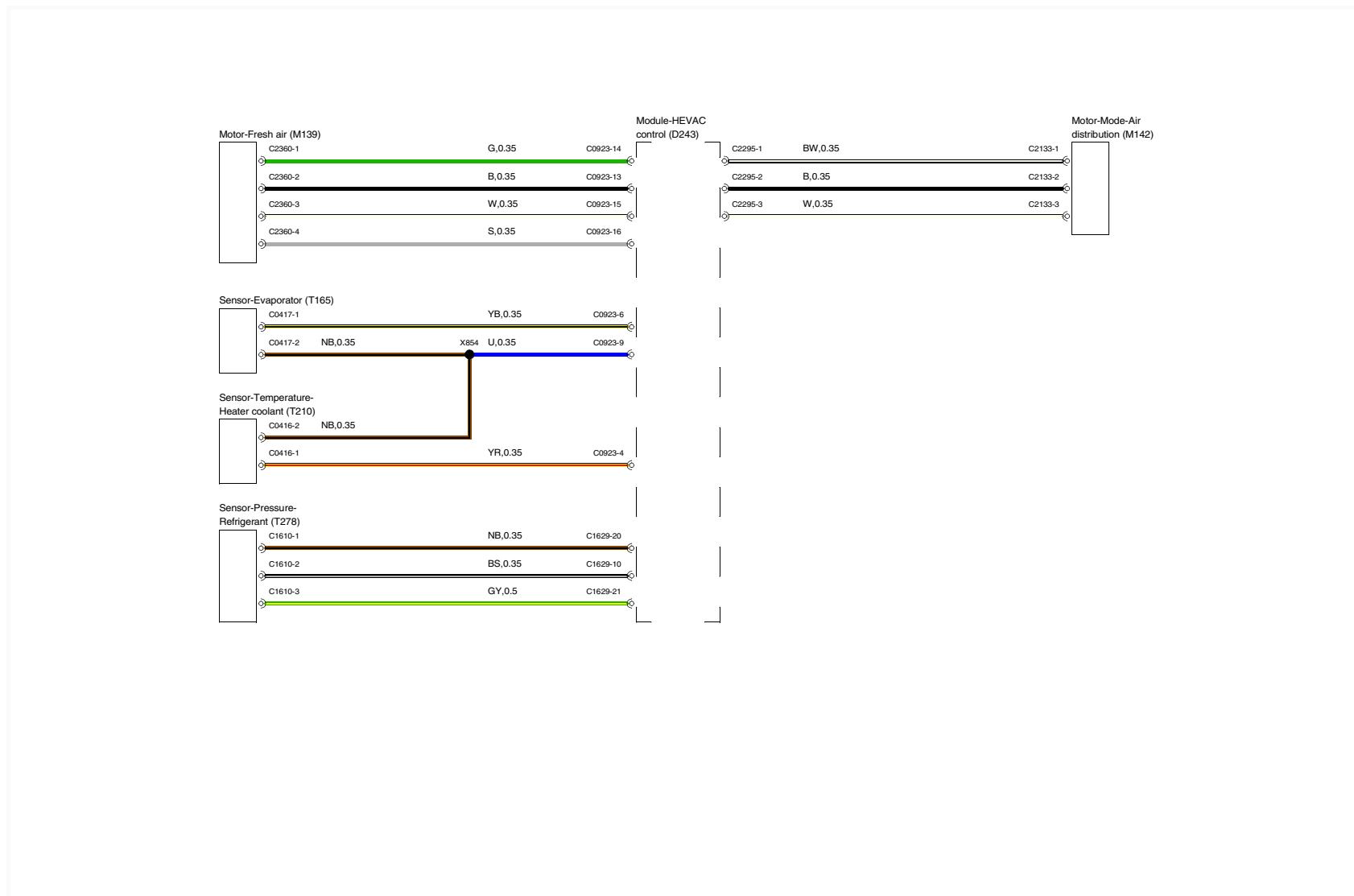


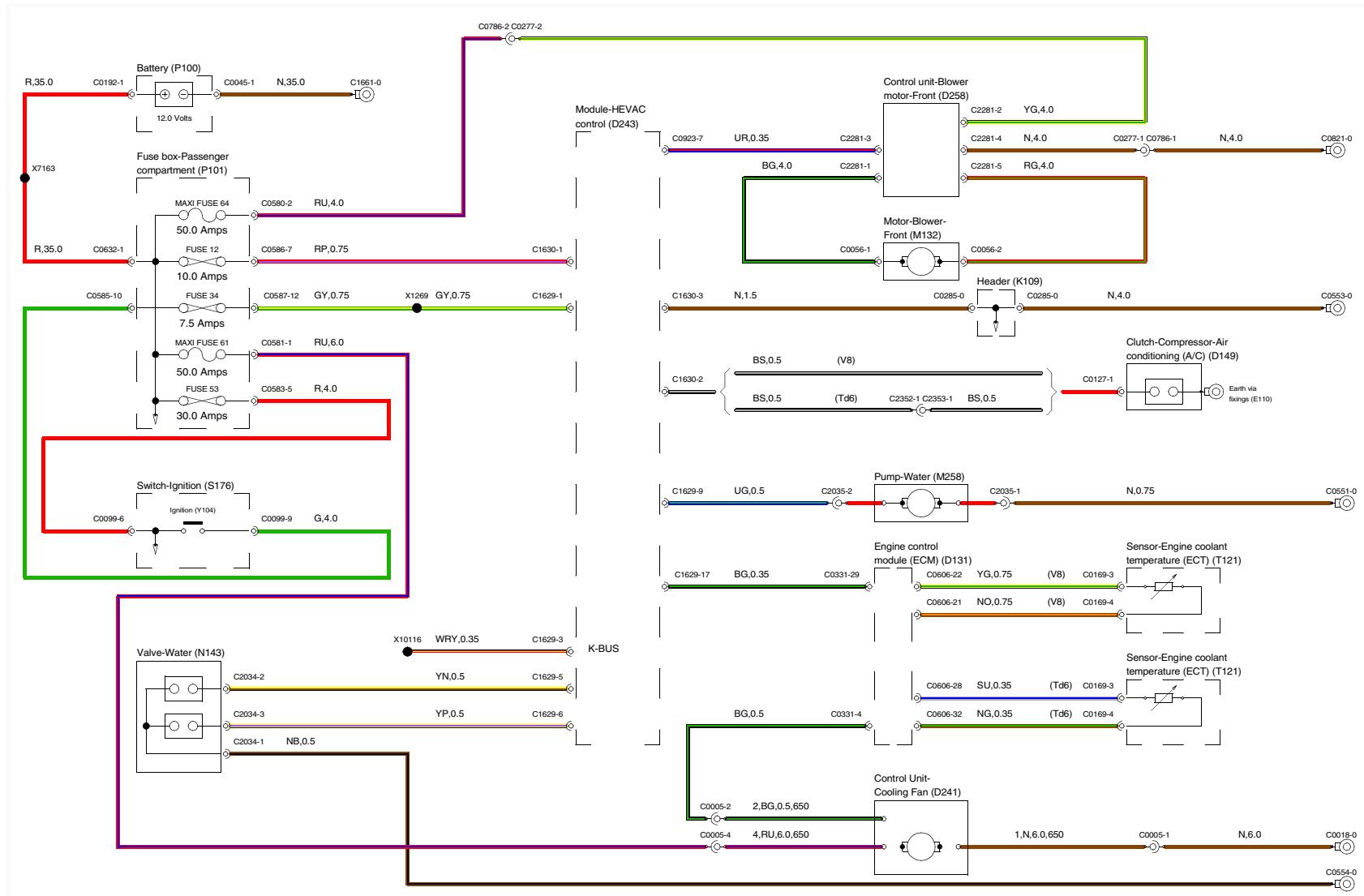


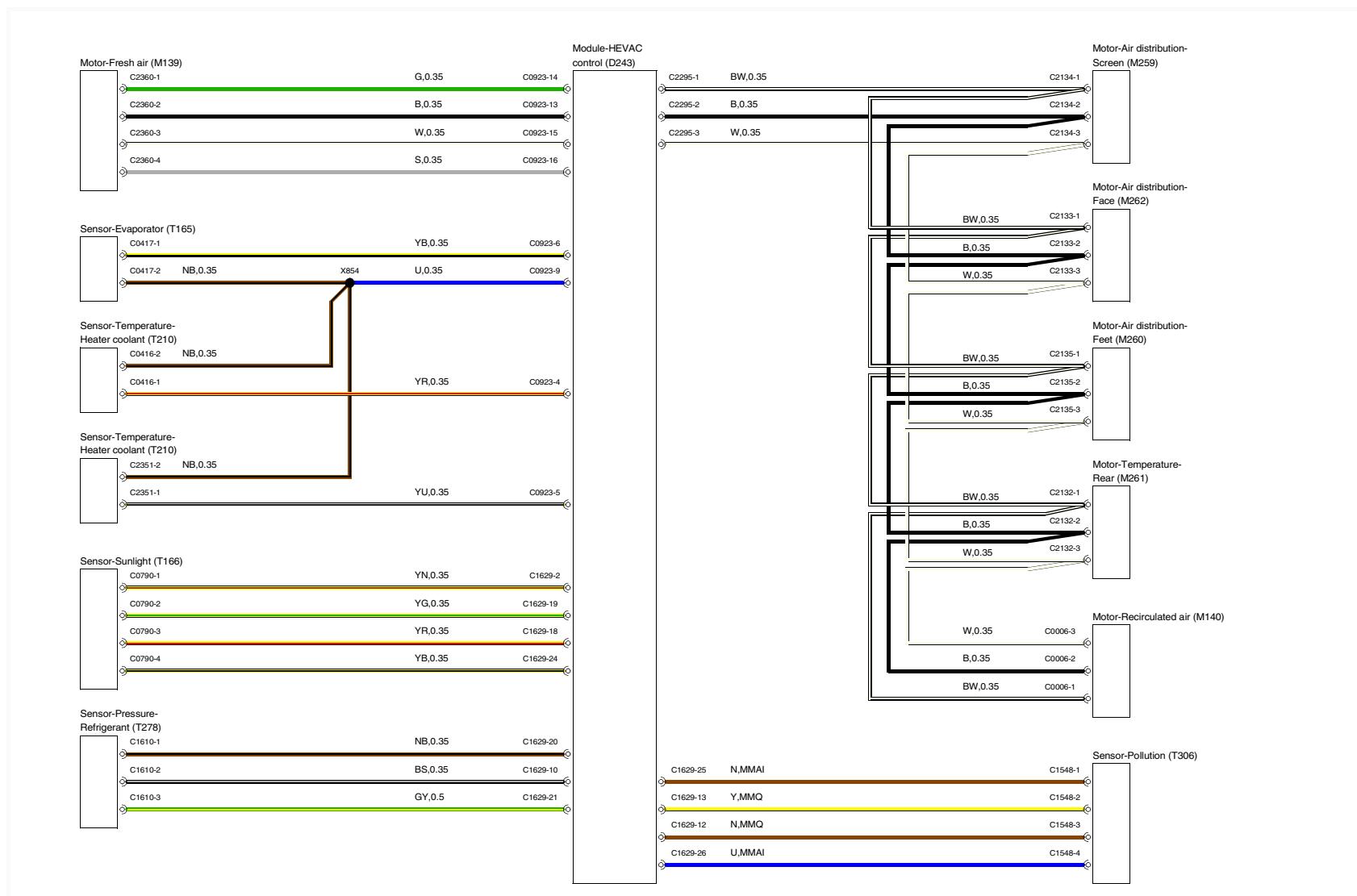


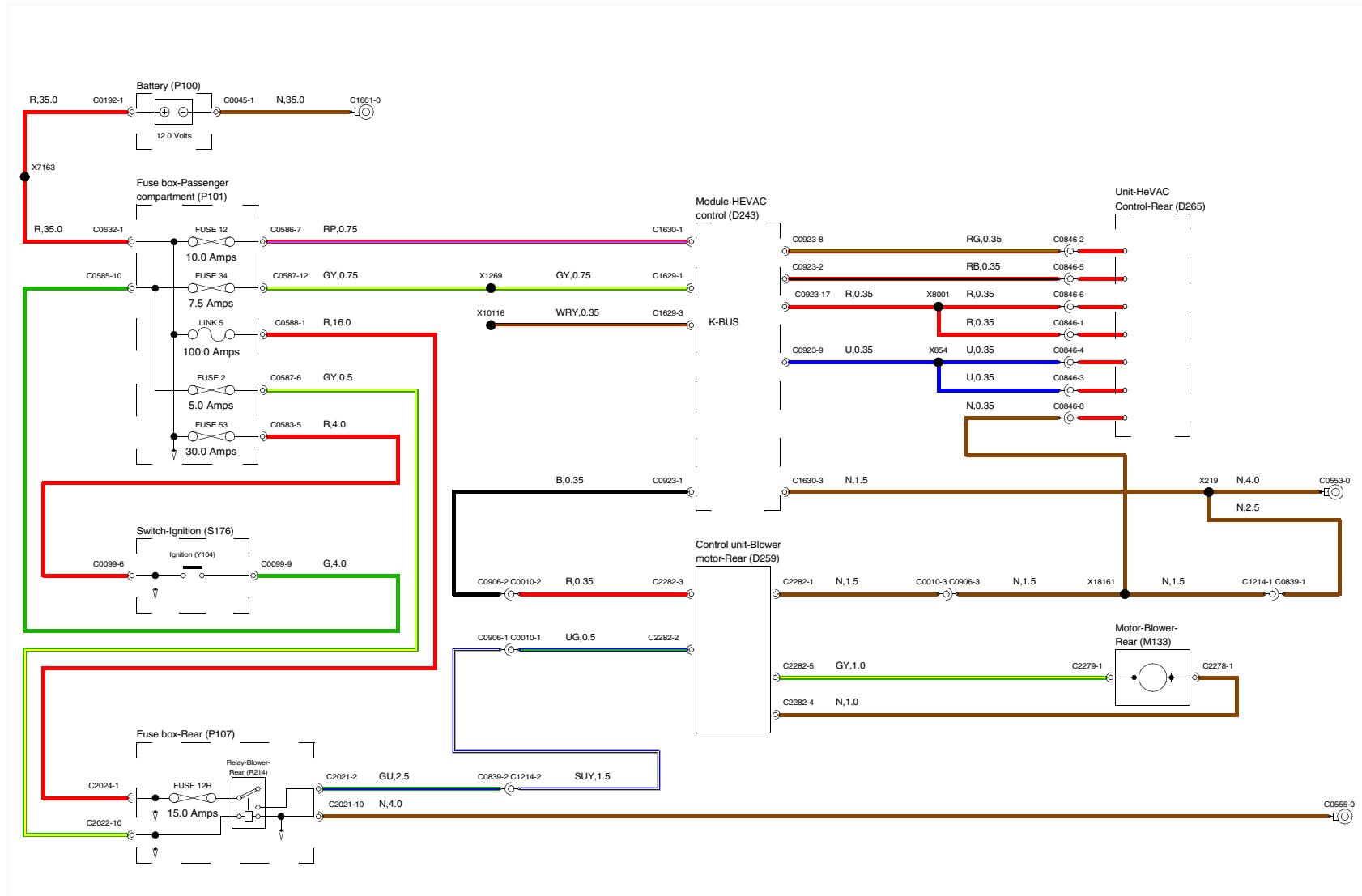


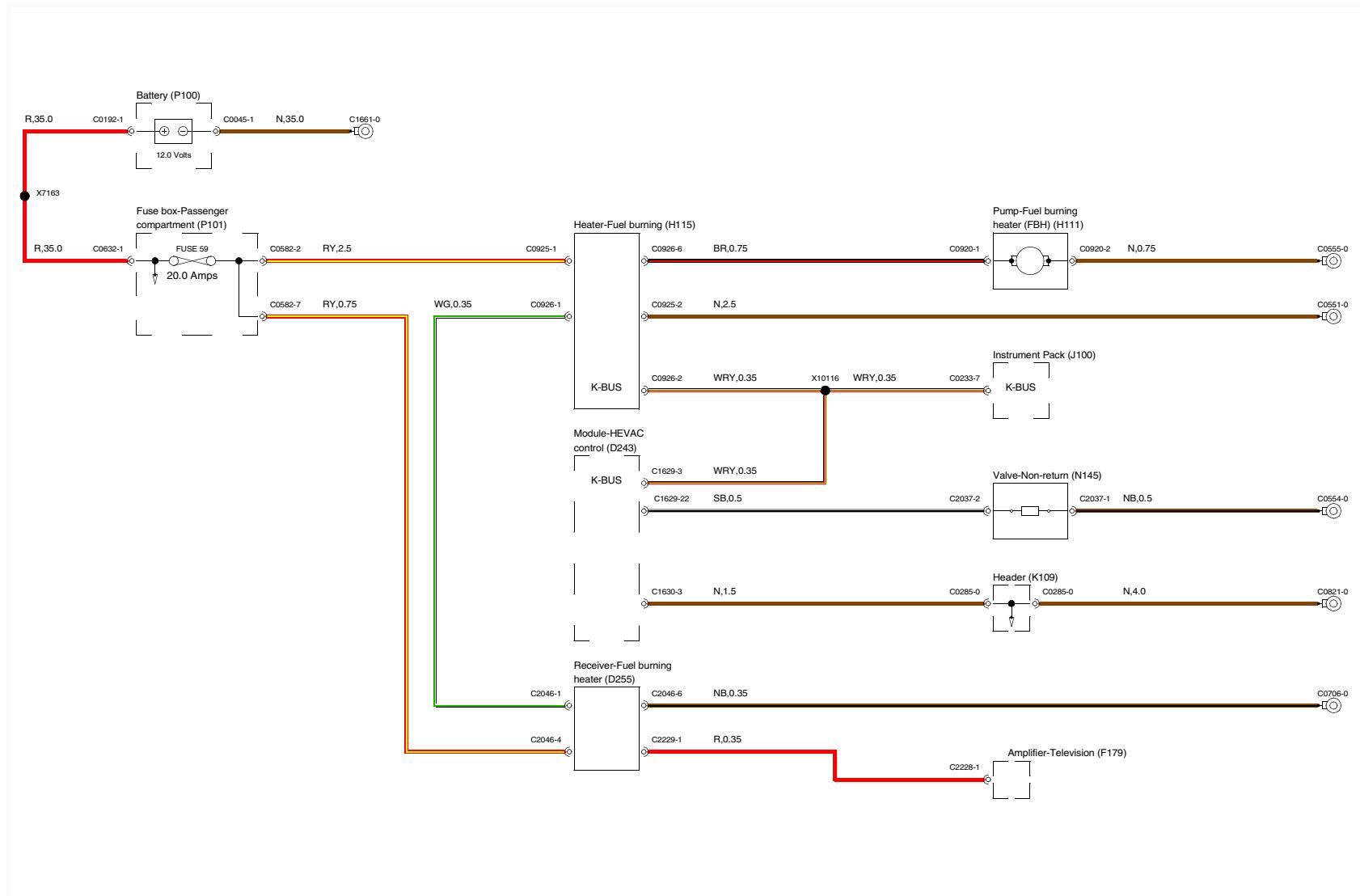


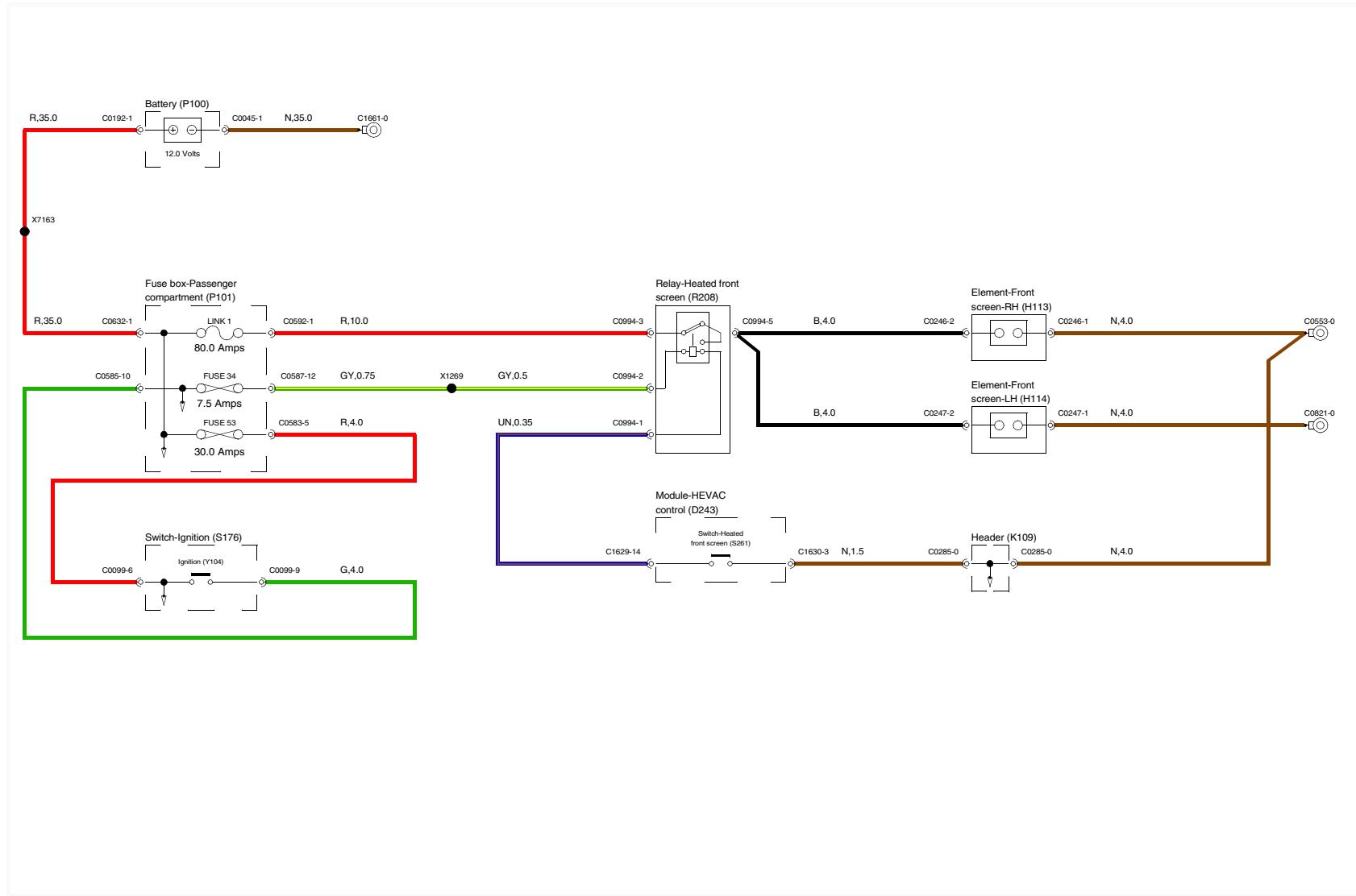




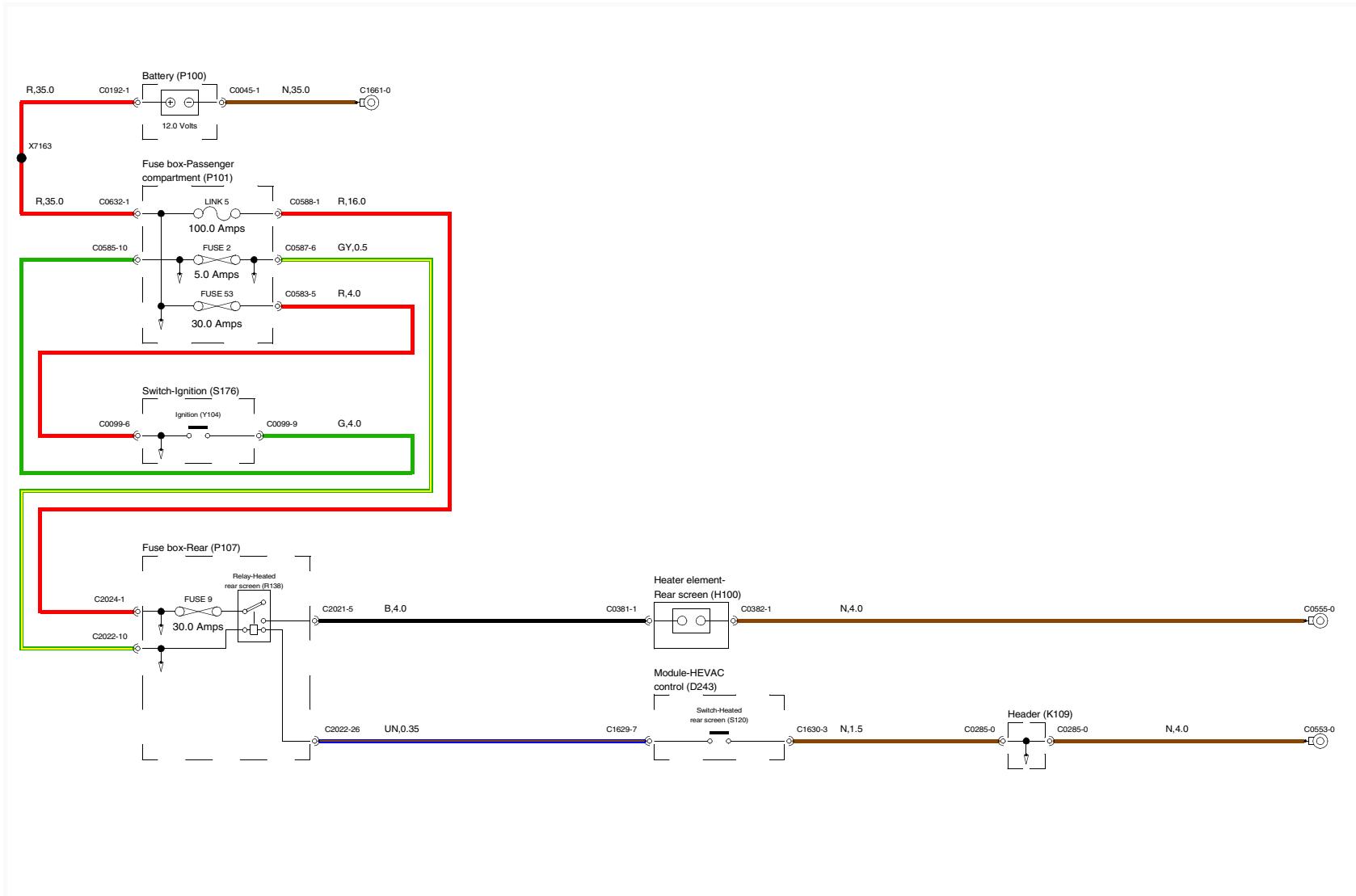


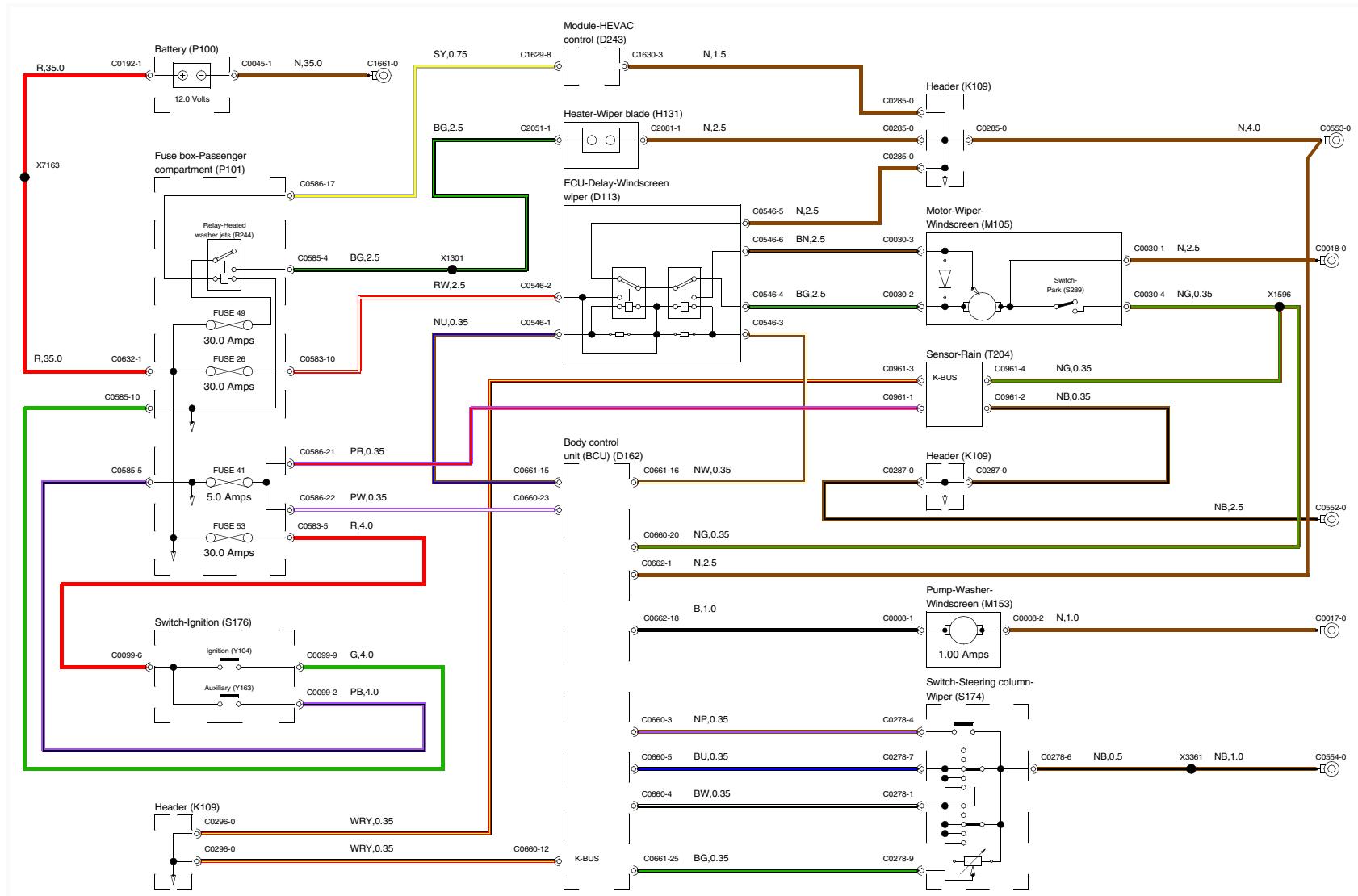


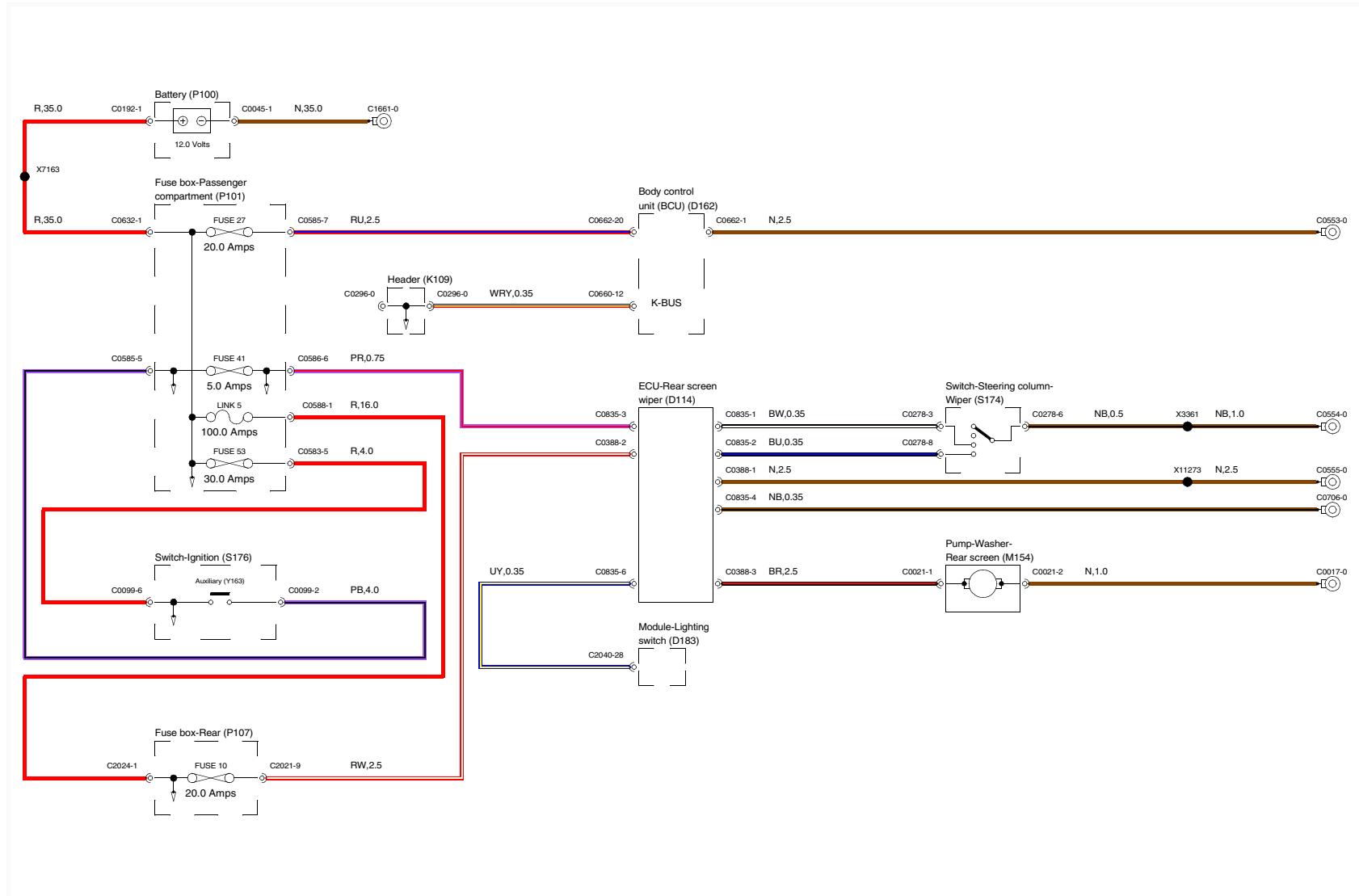


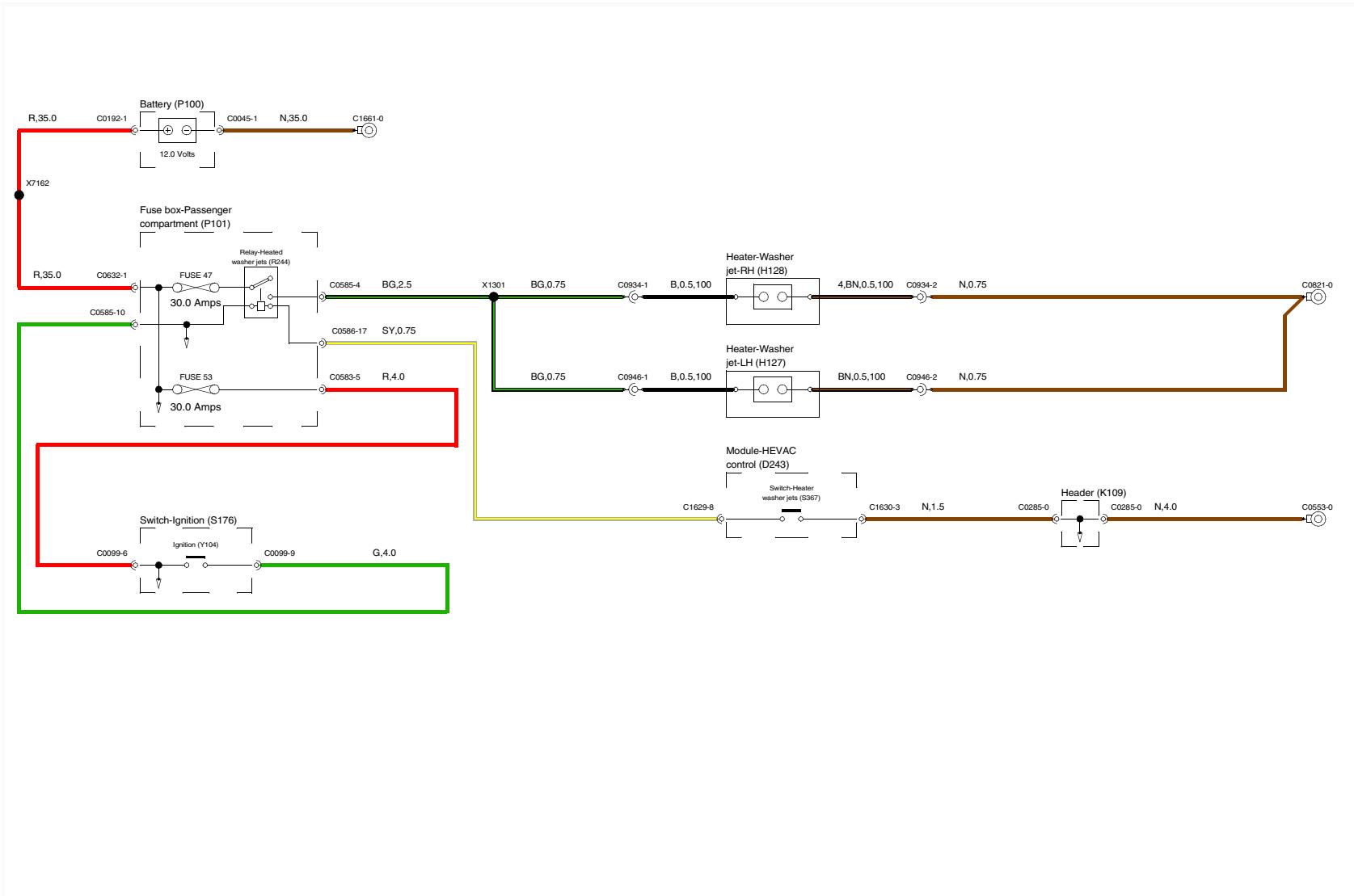


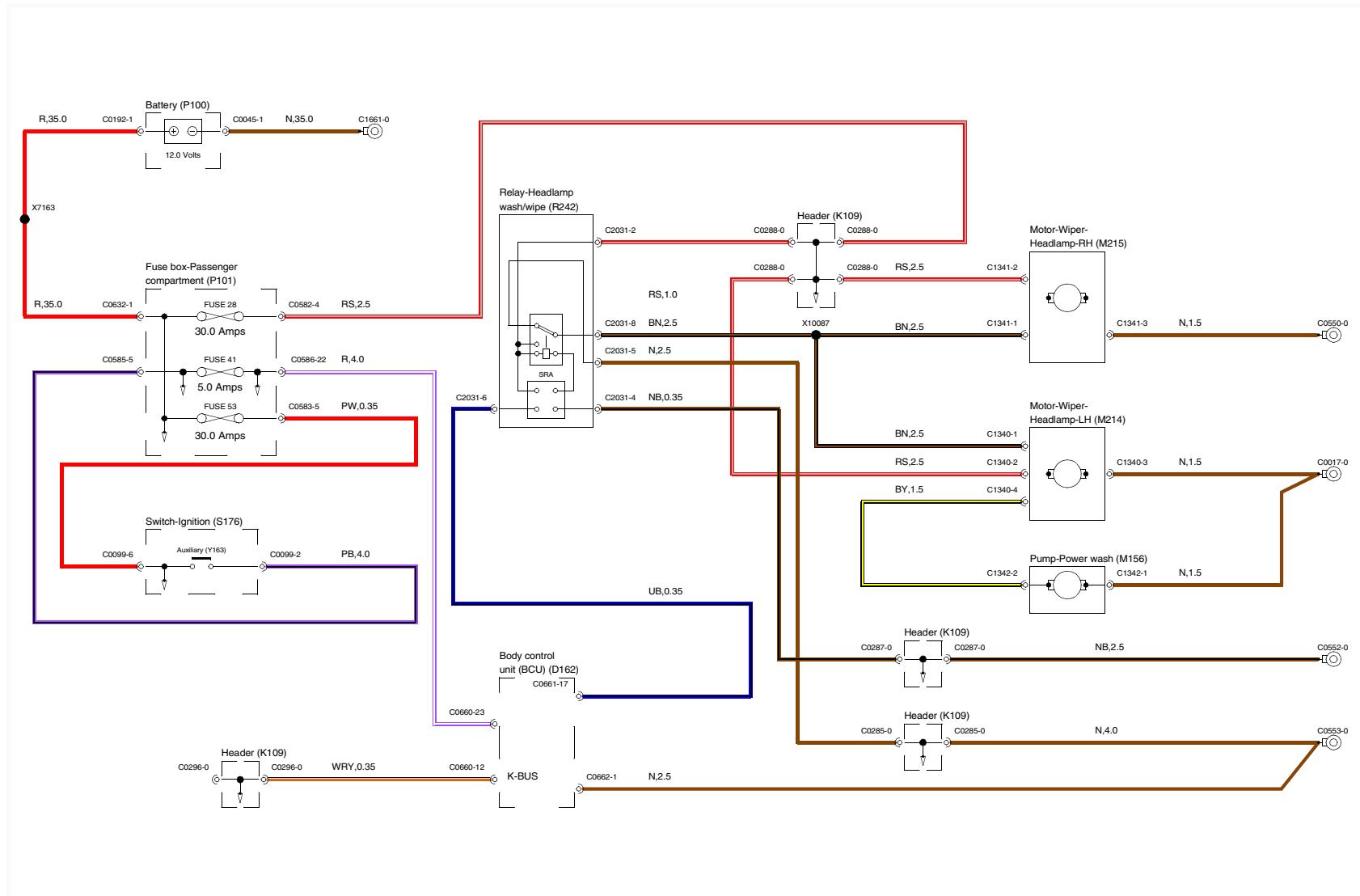
40 HEATED REAR SCREEN

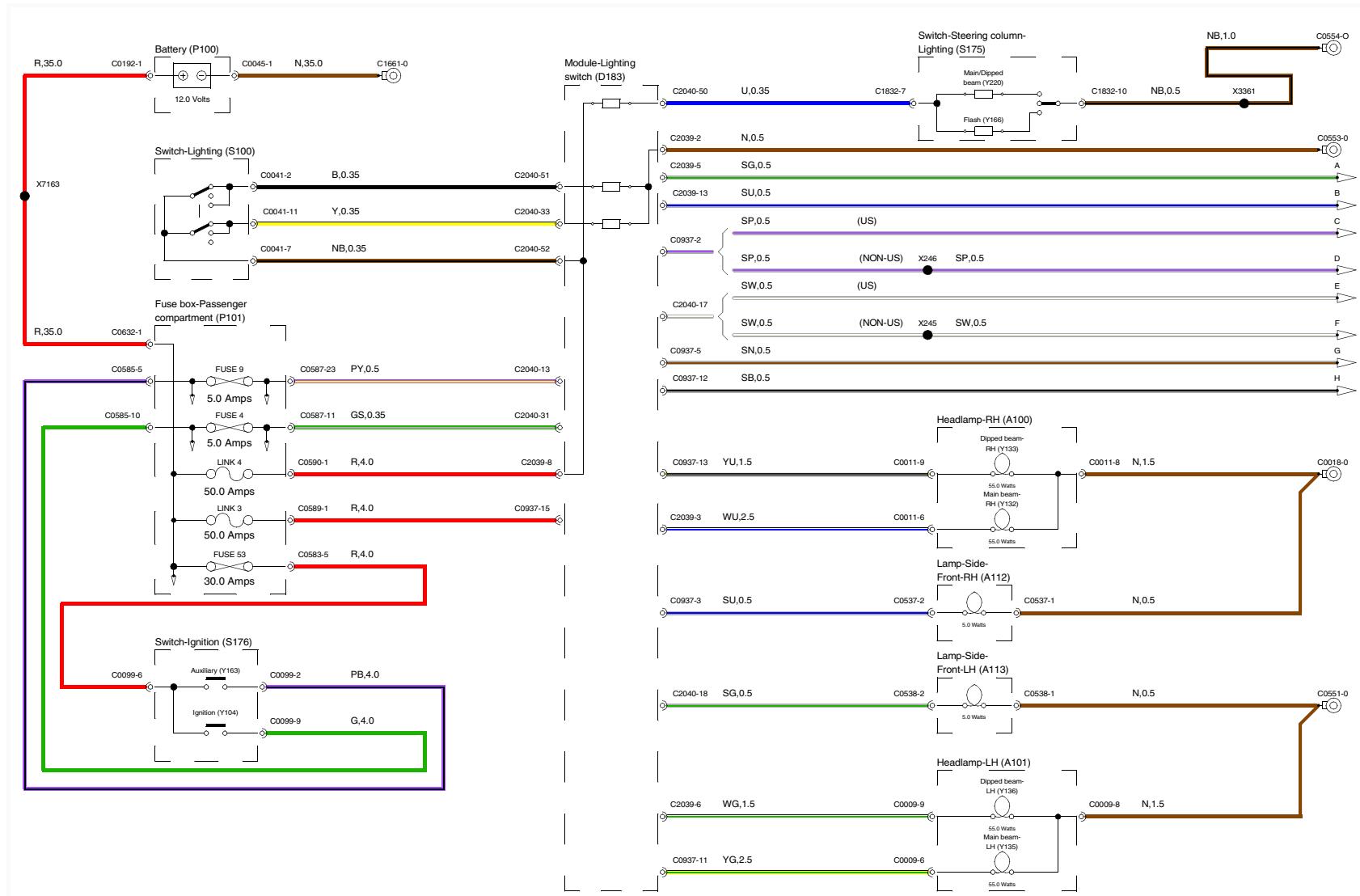


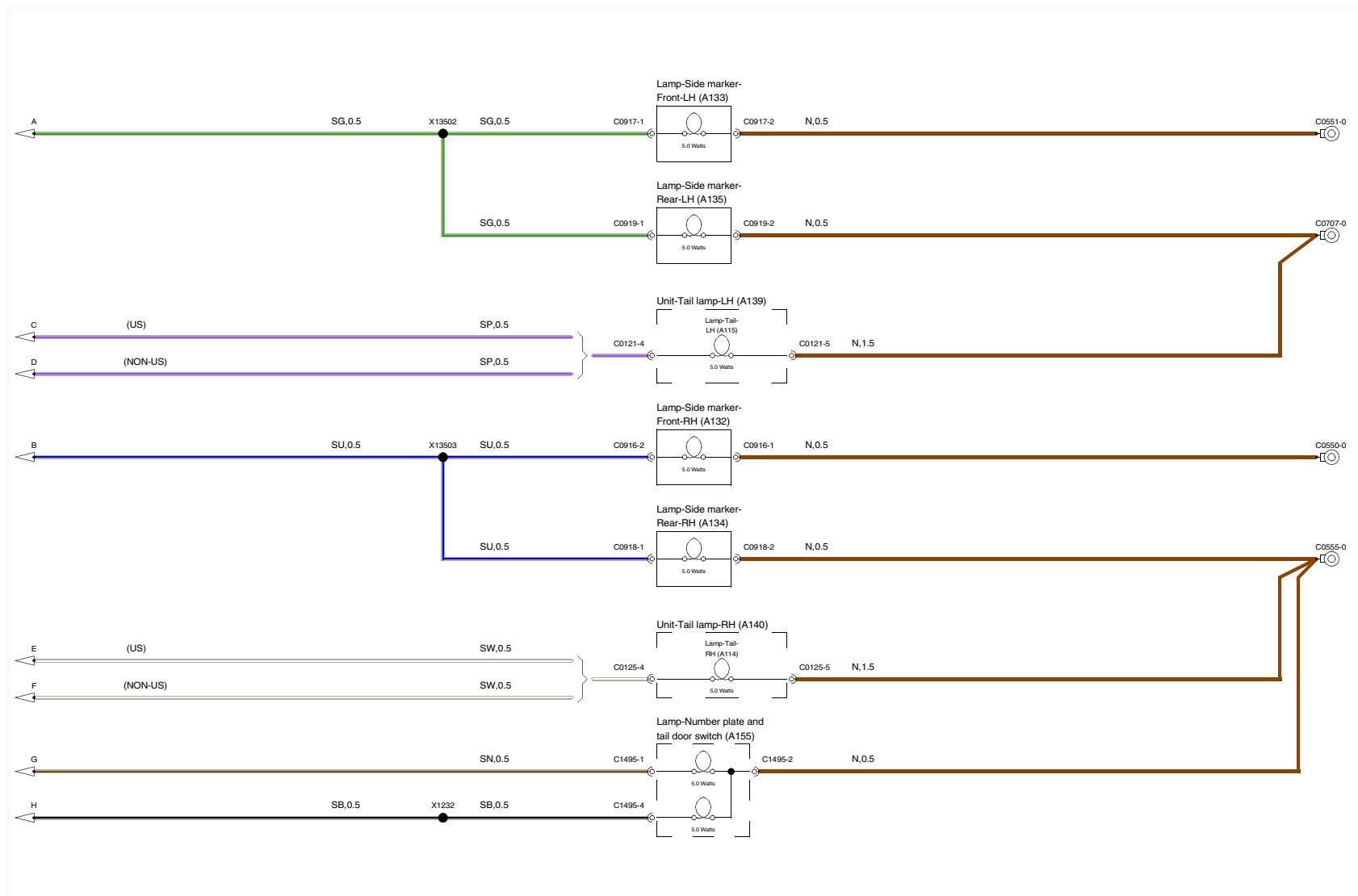


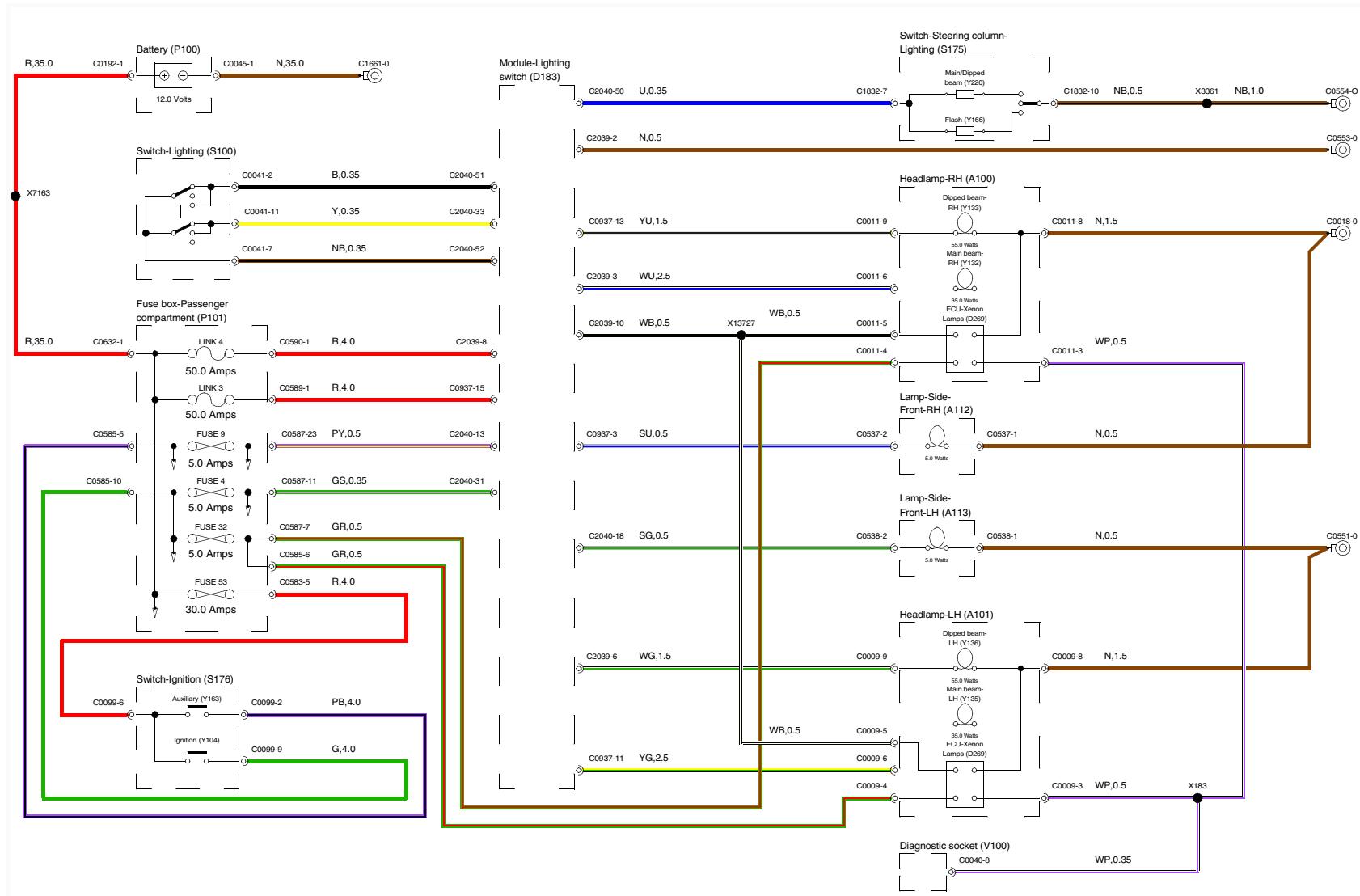


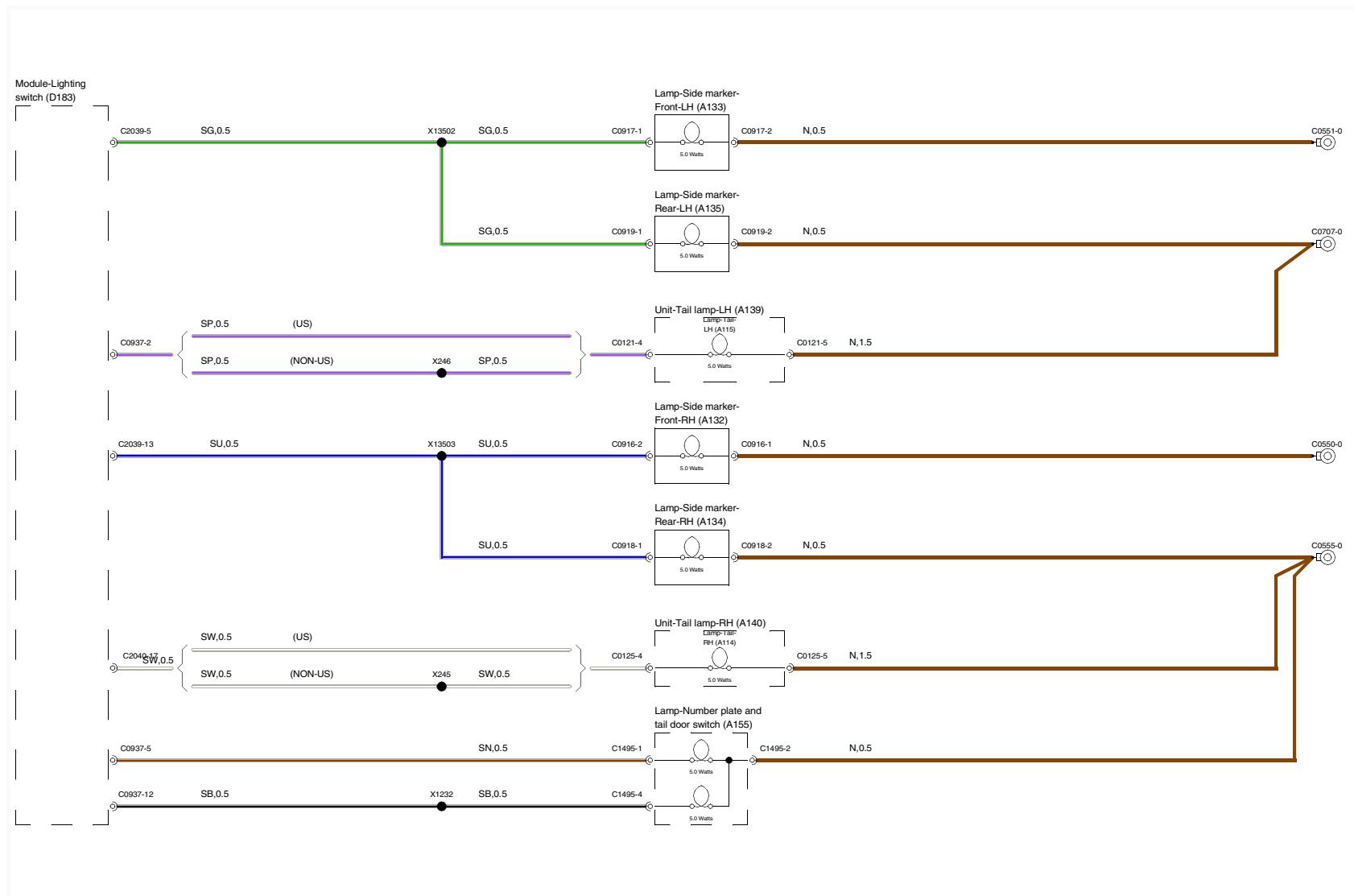


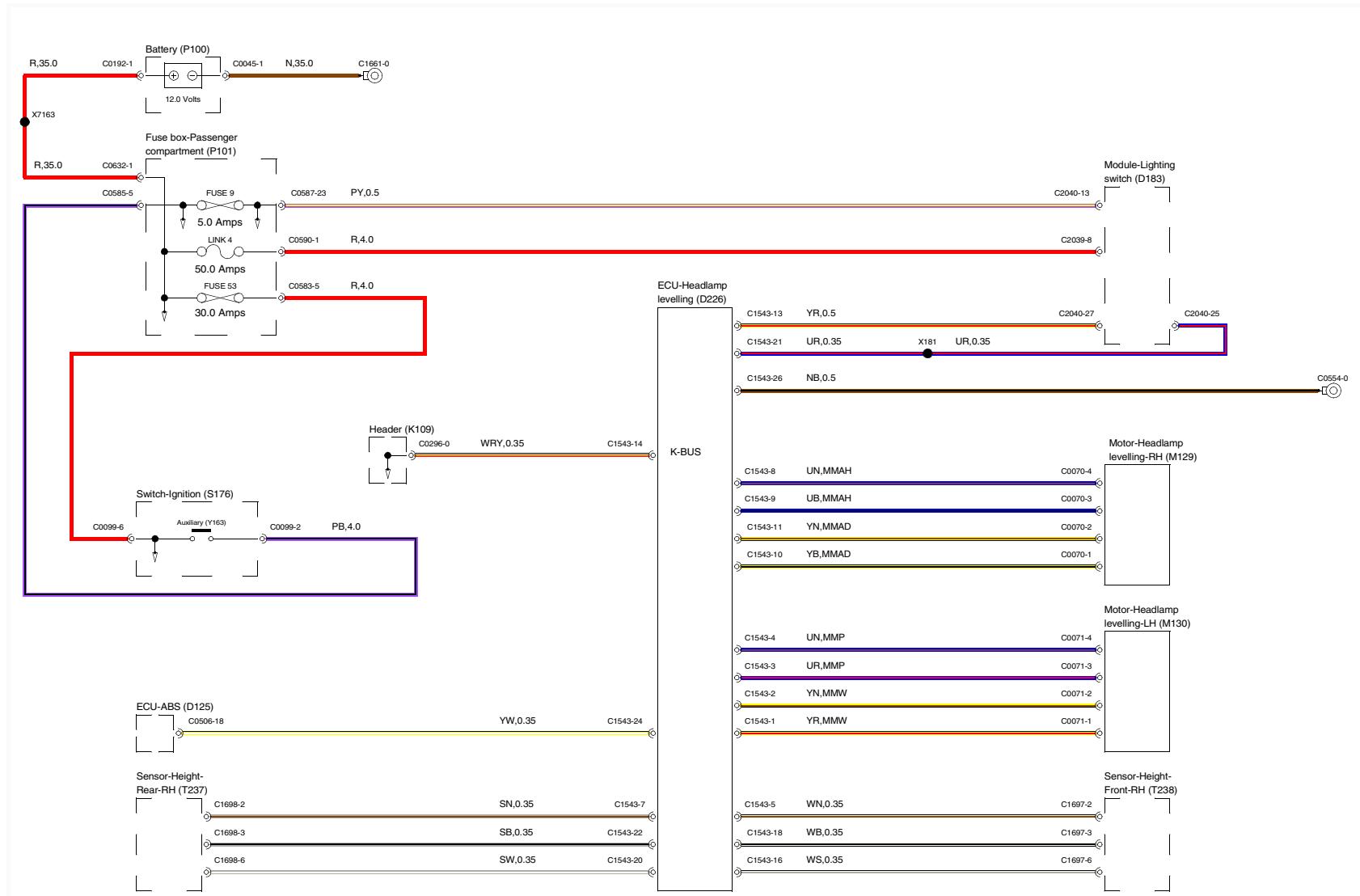


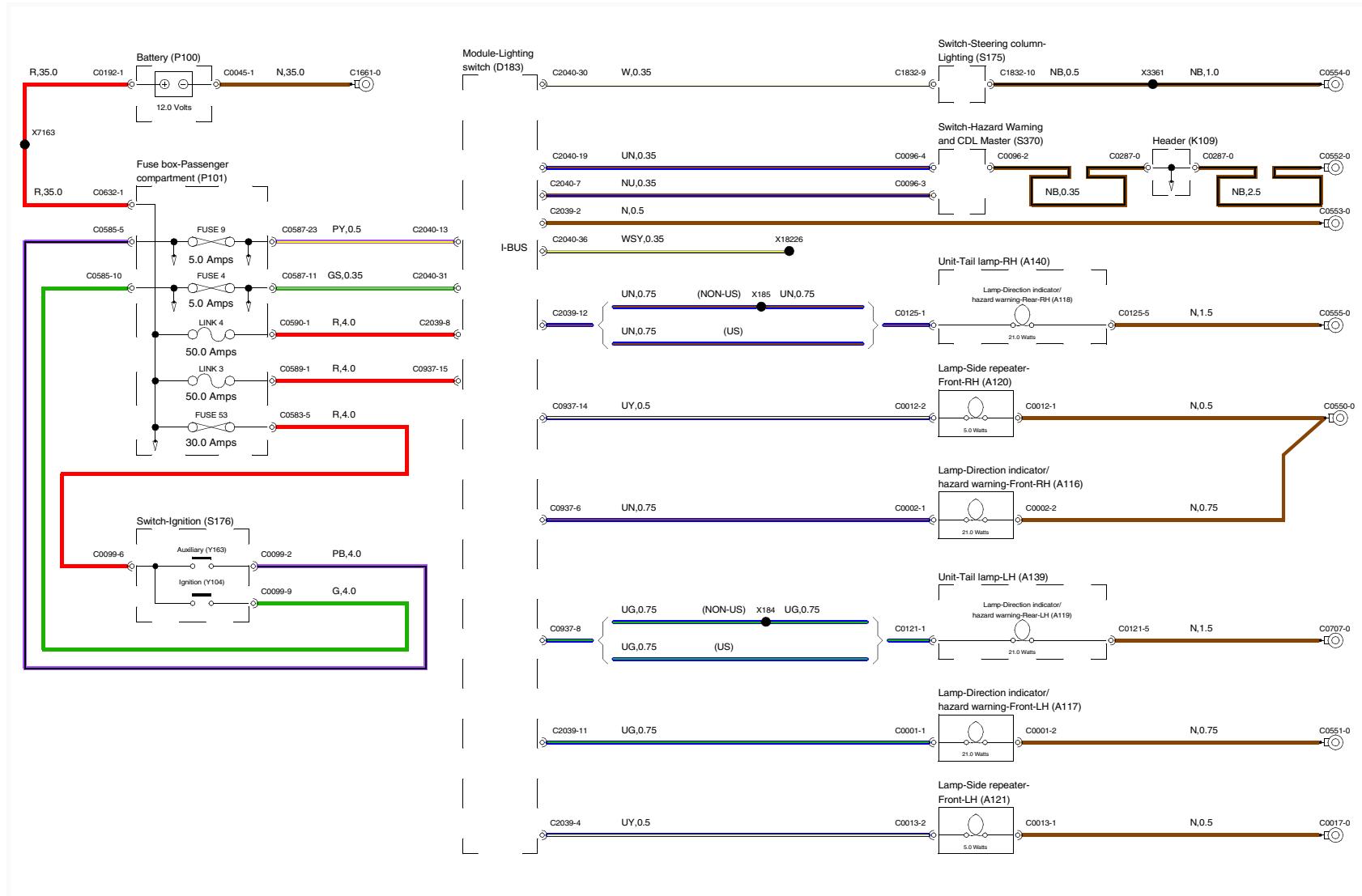


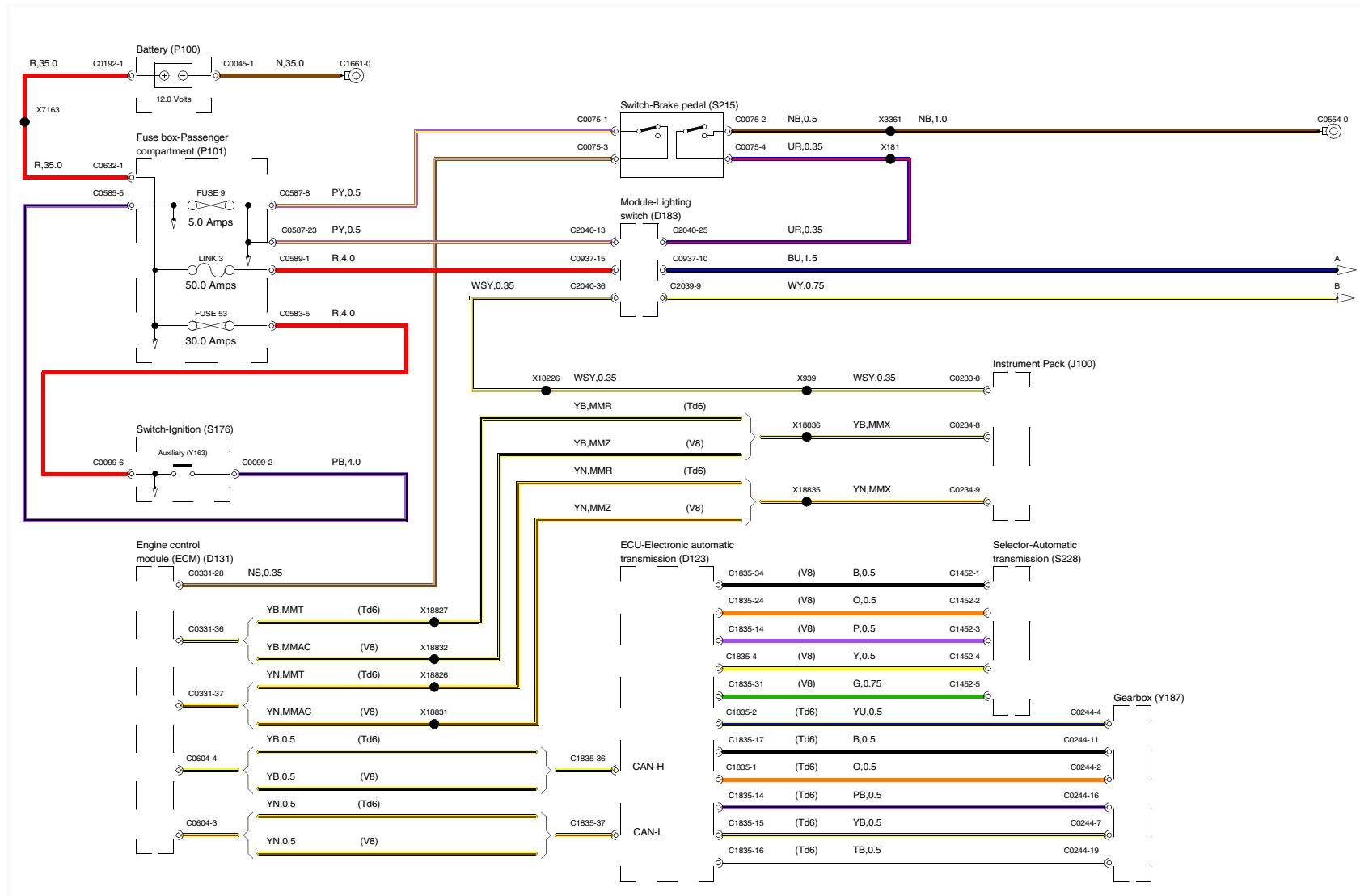


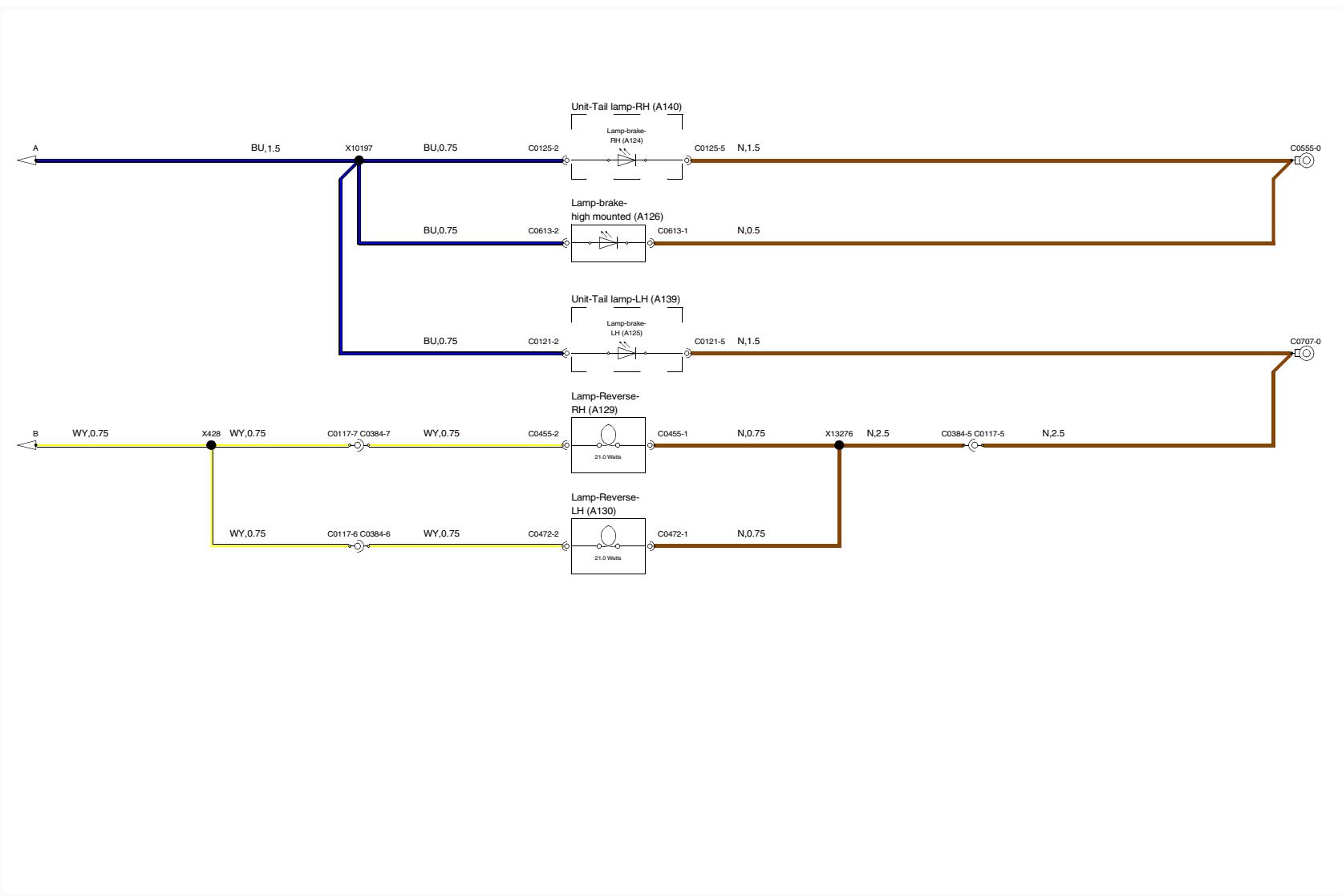


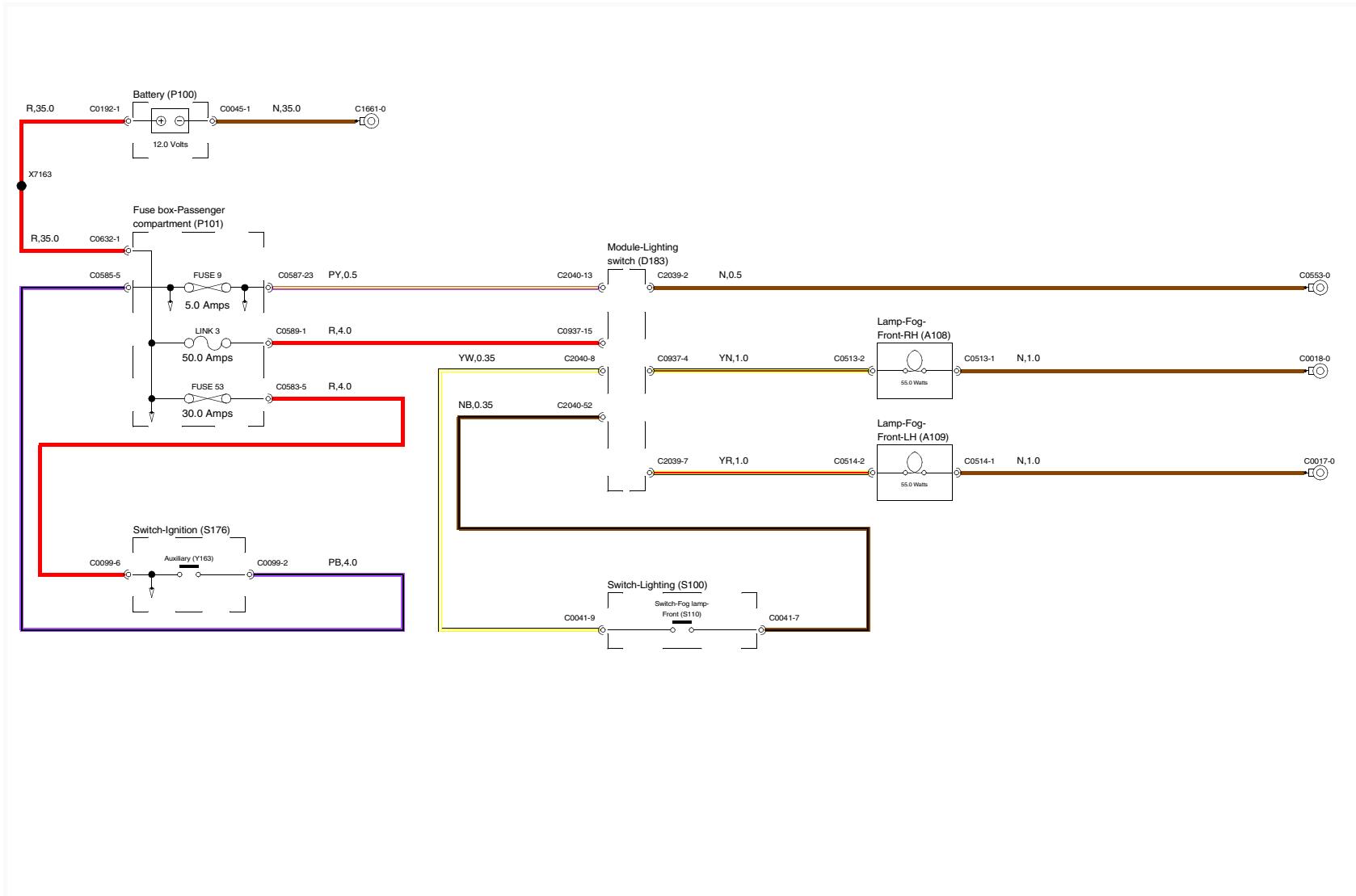


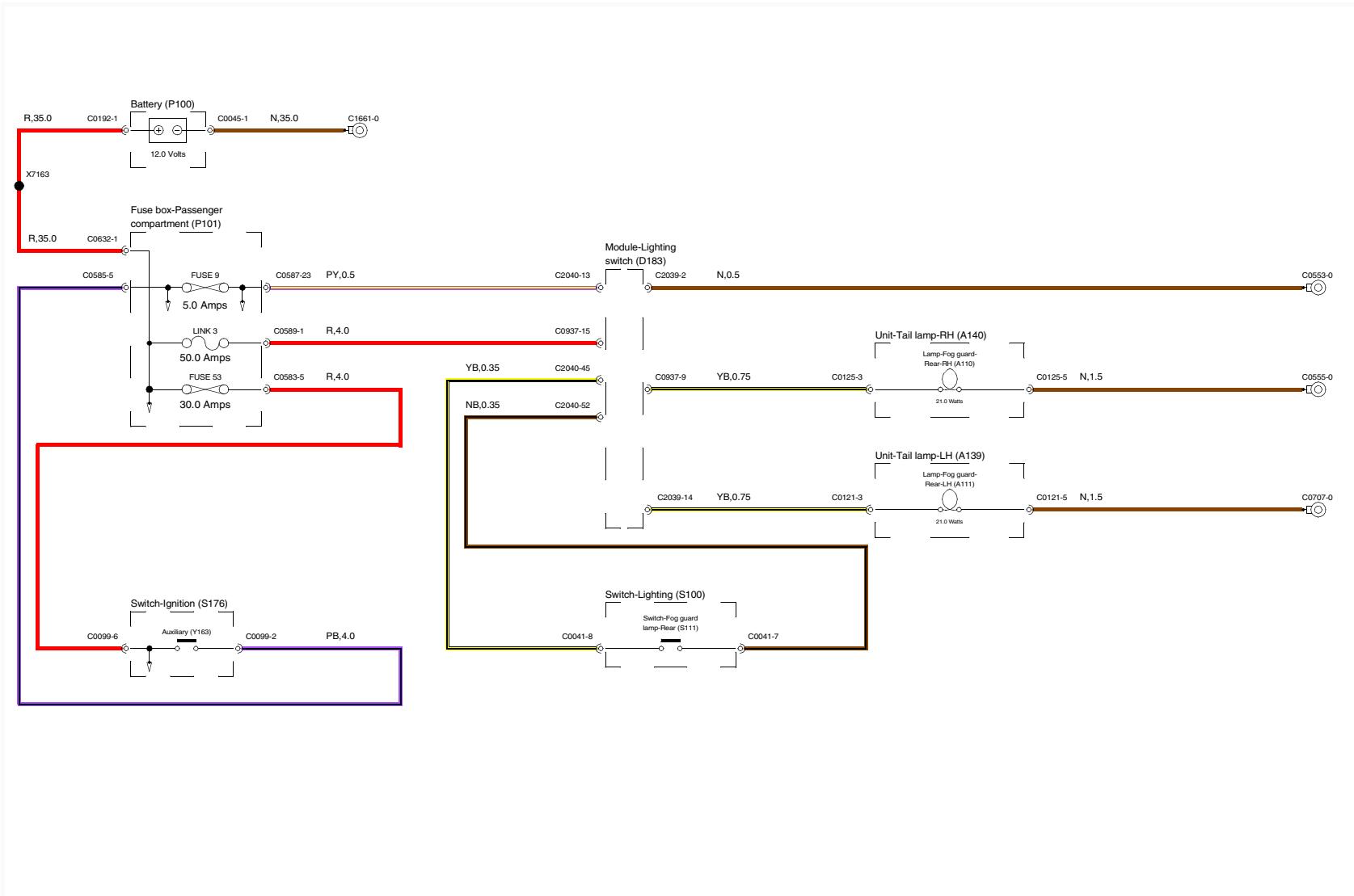


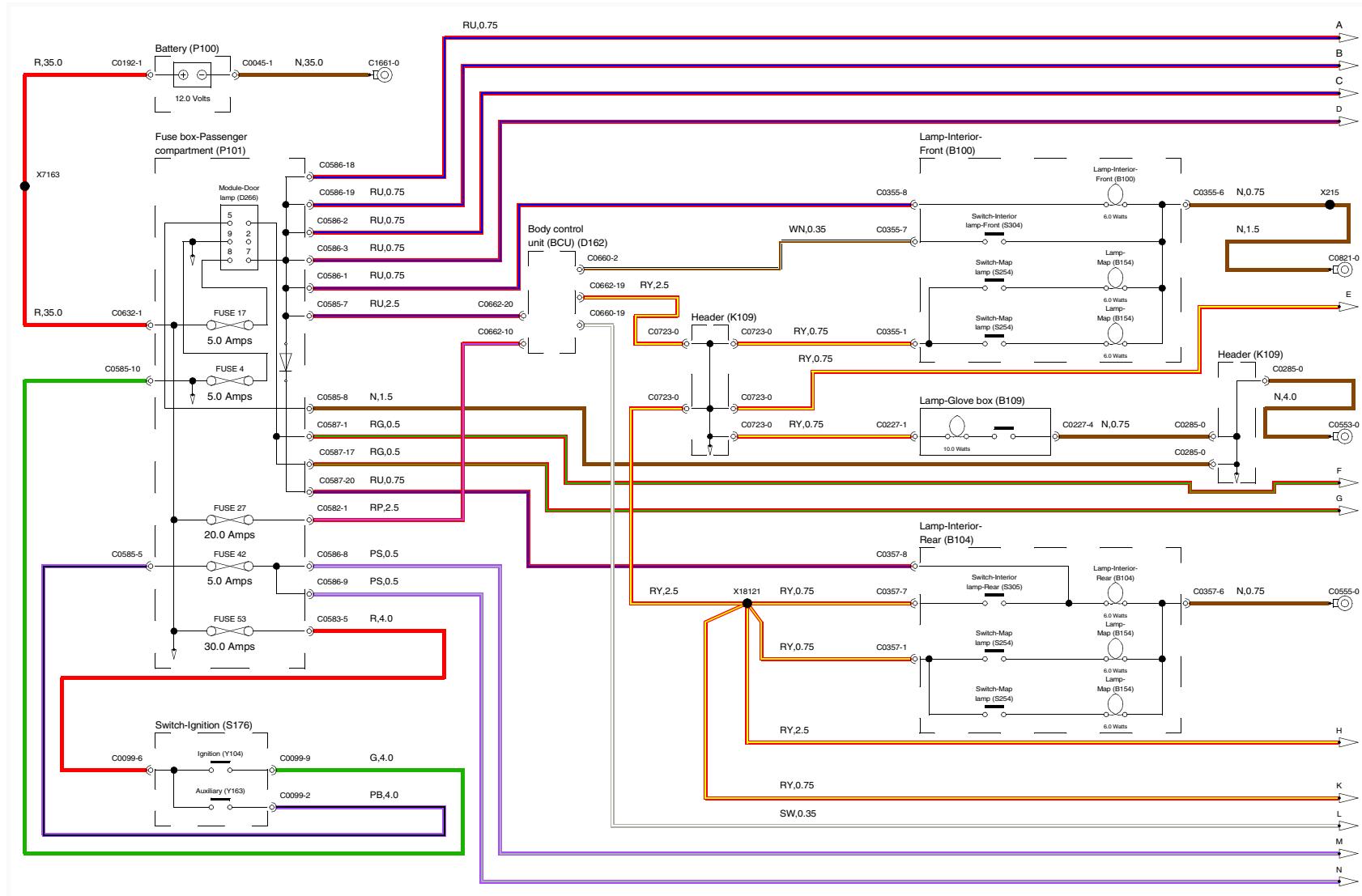


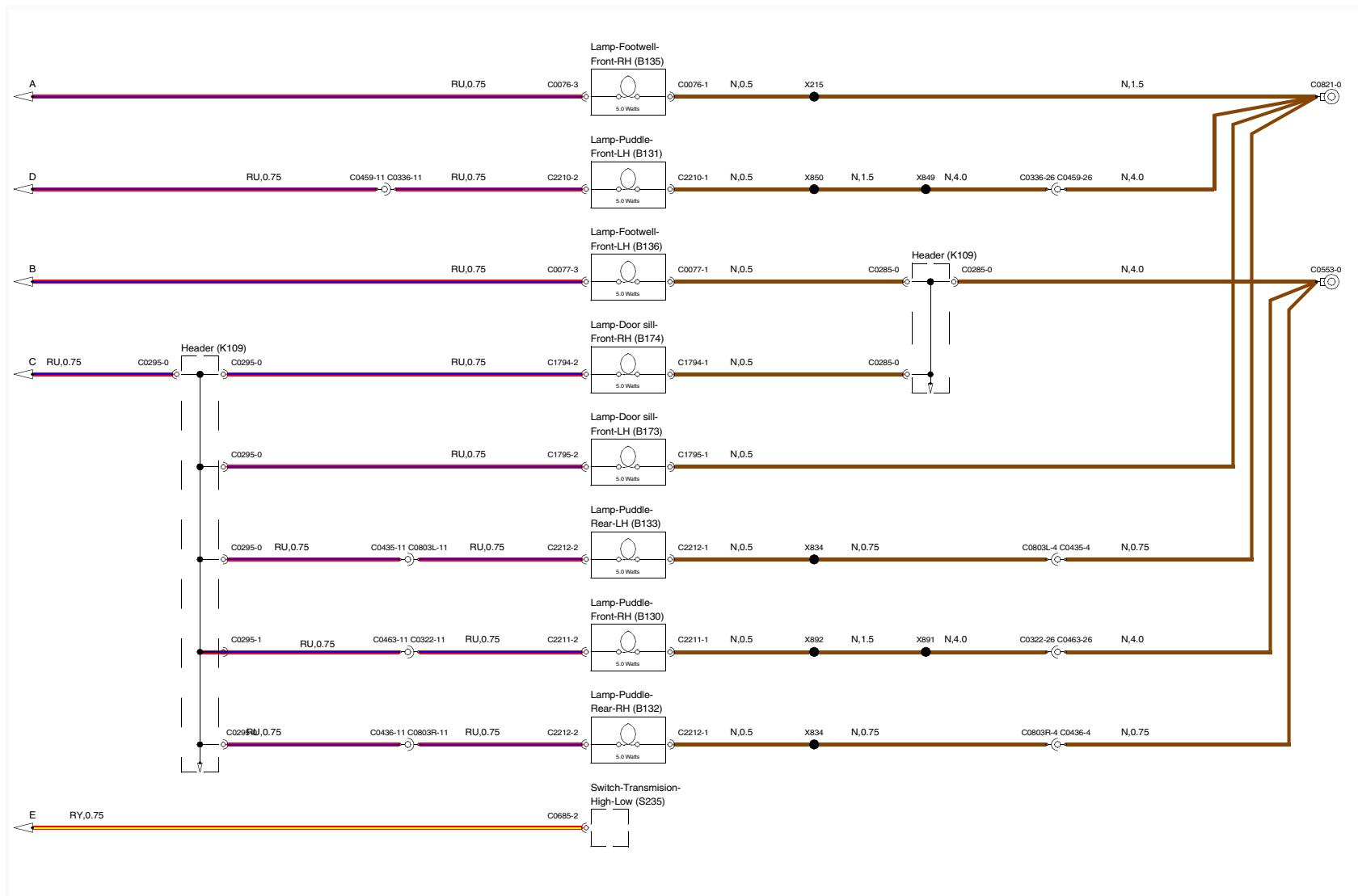


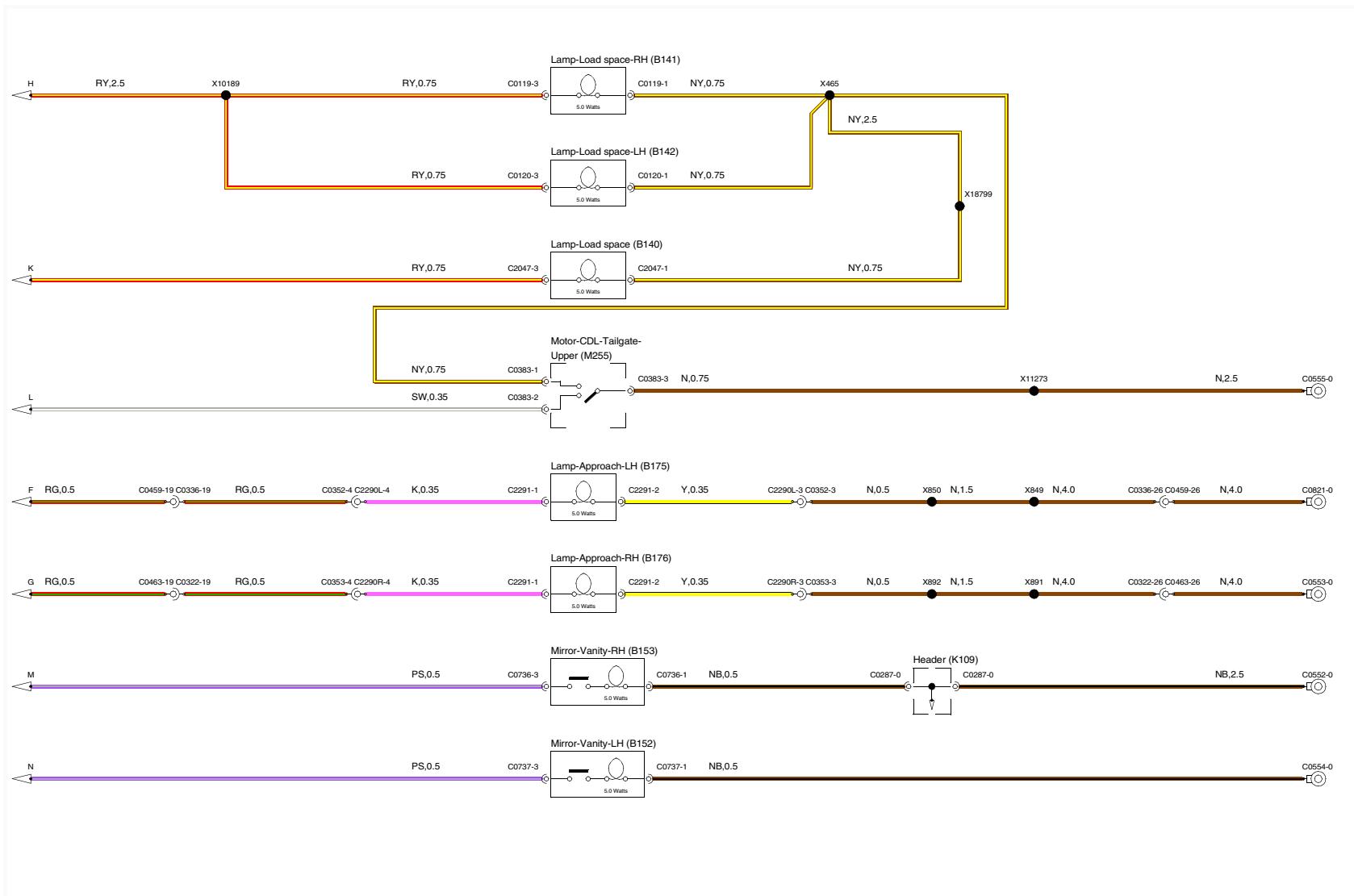




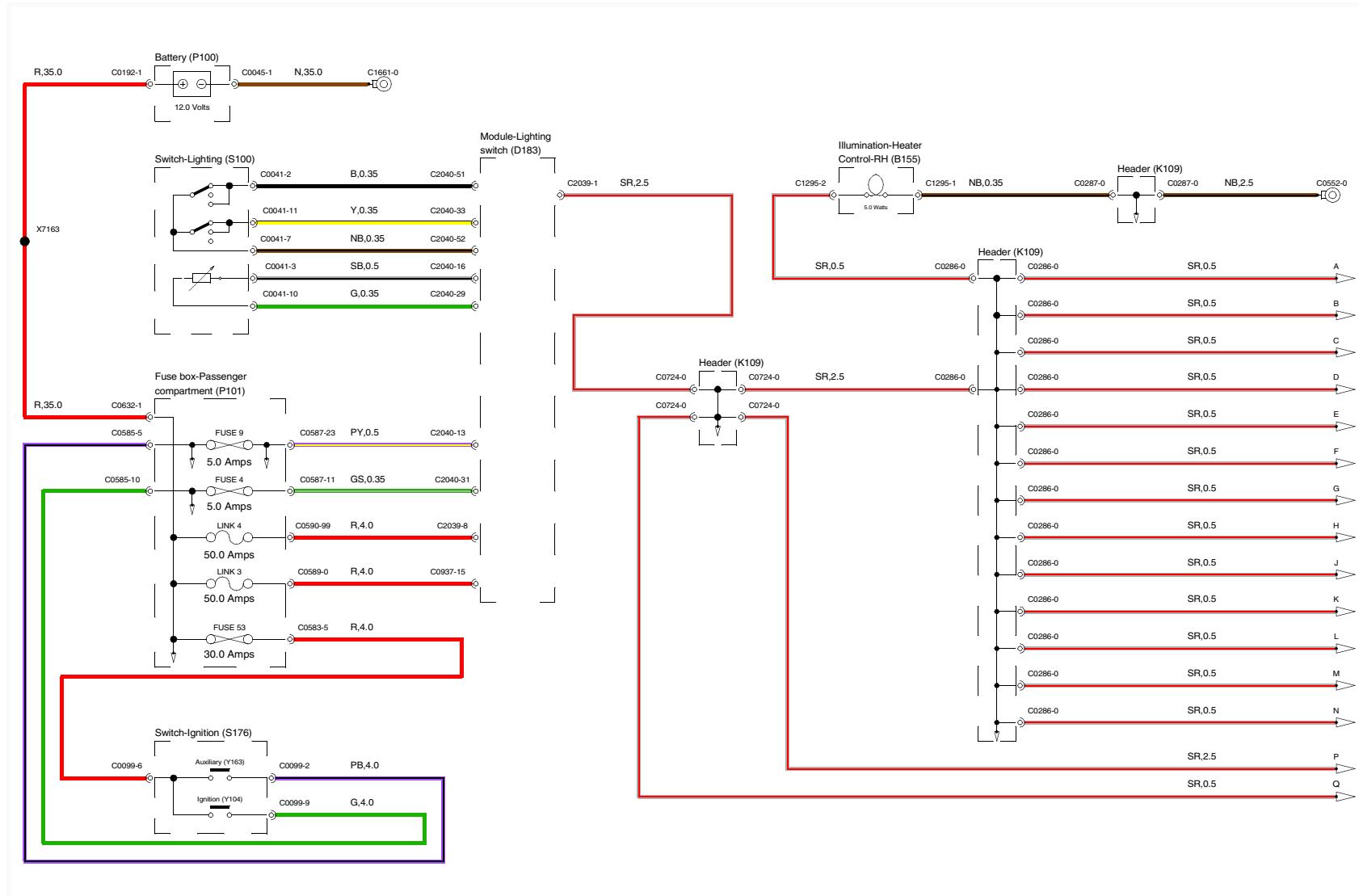


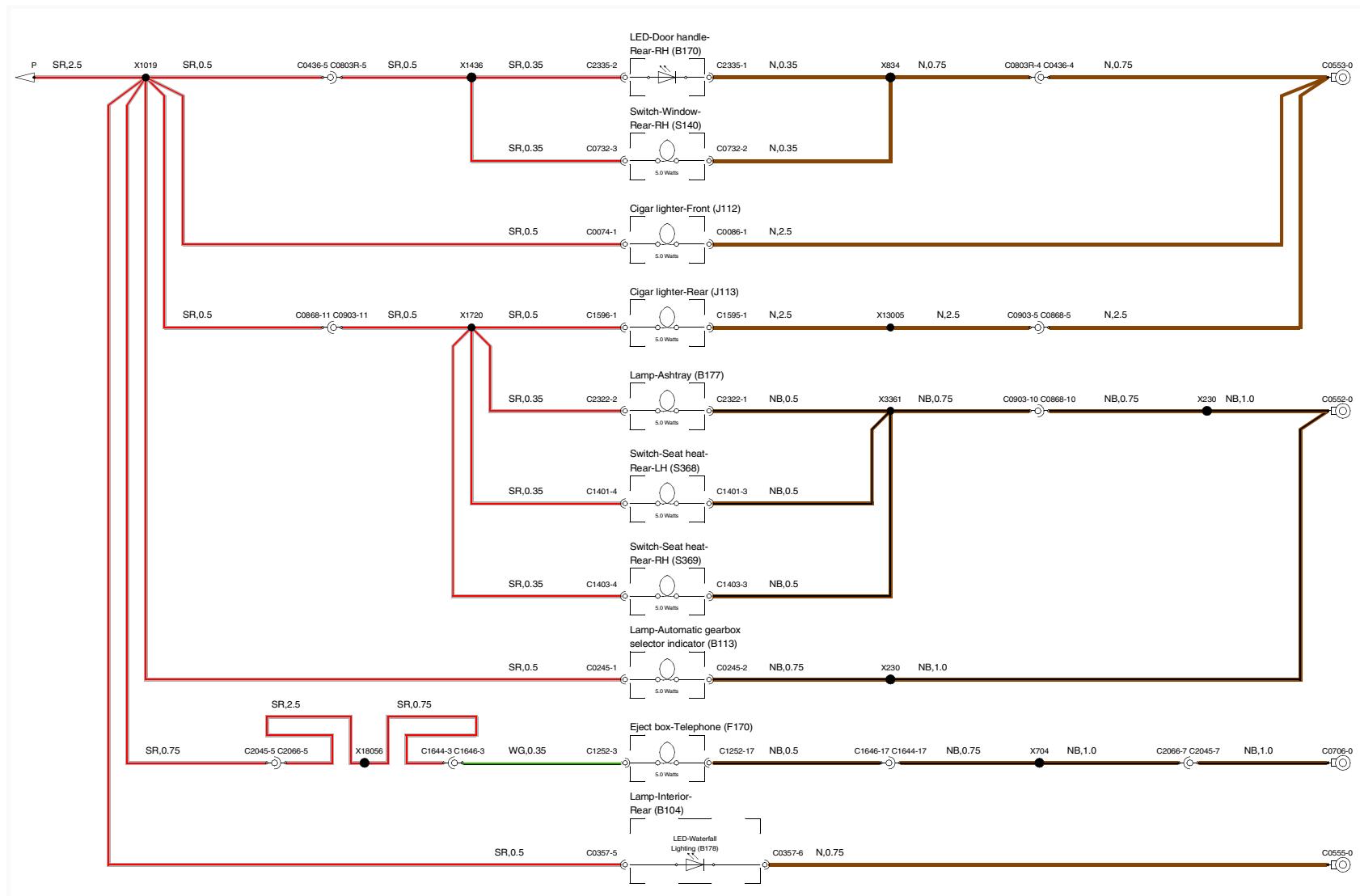


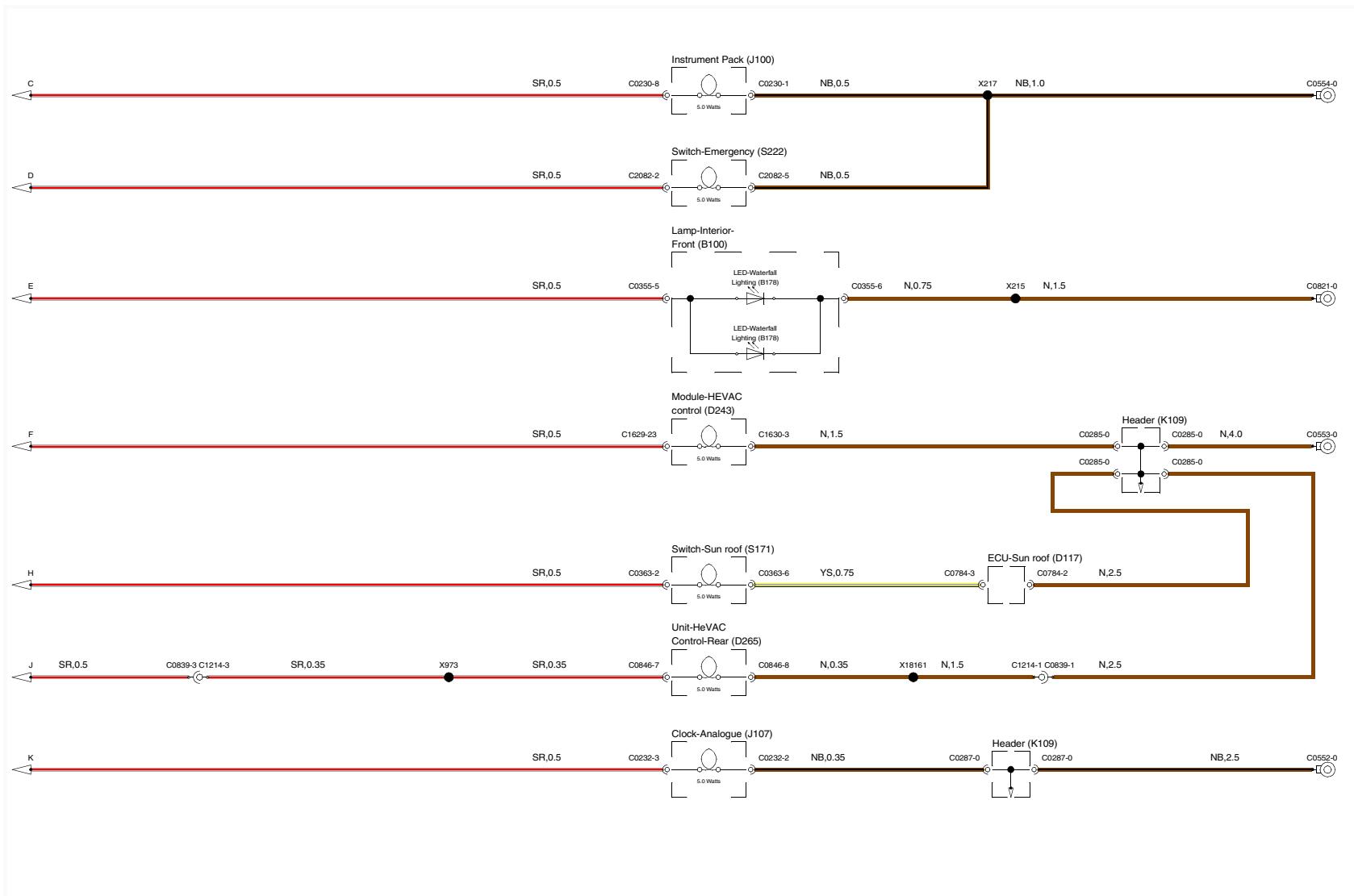


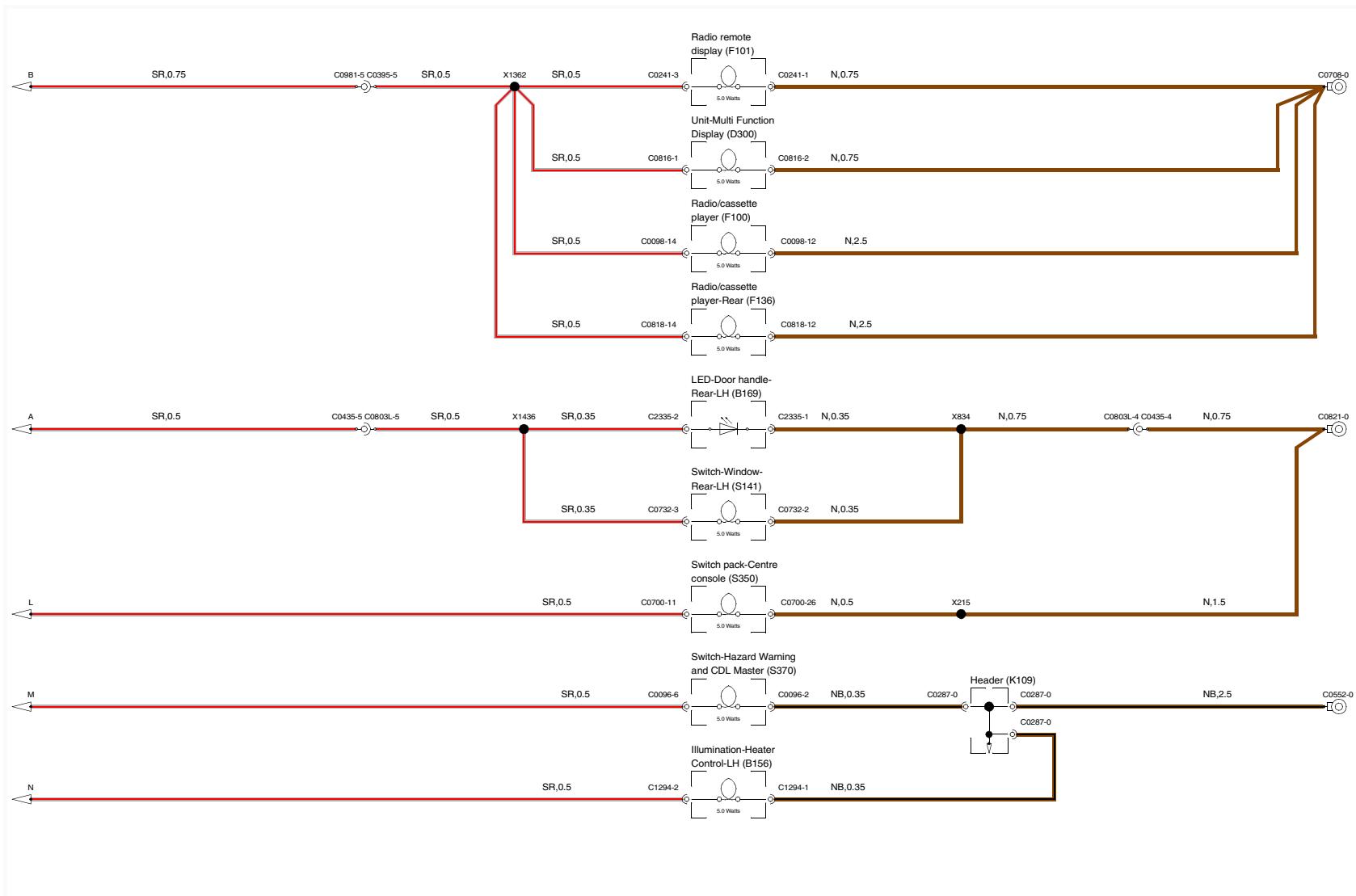


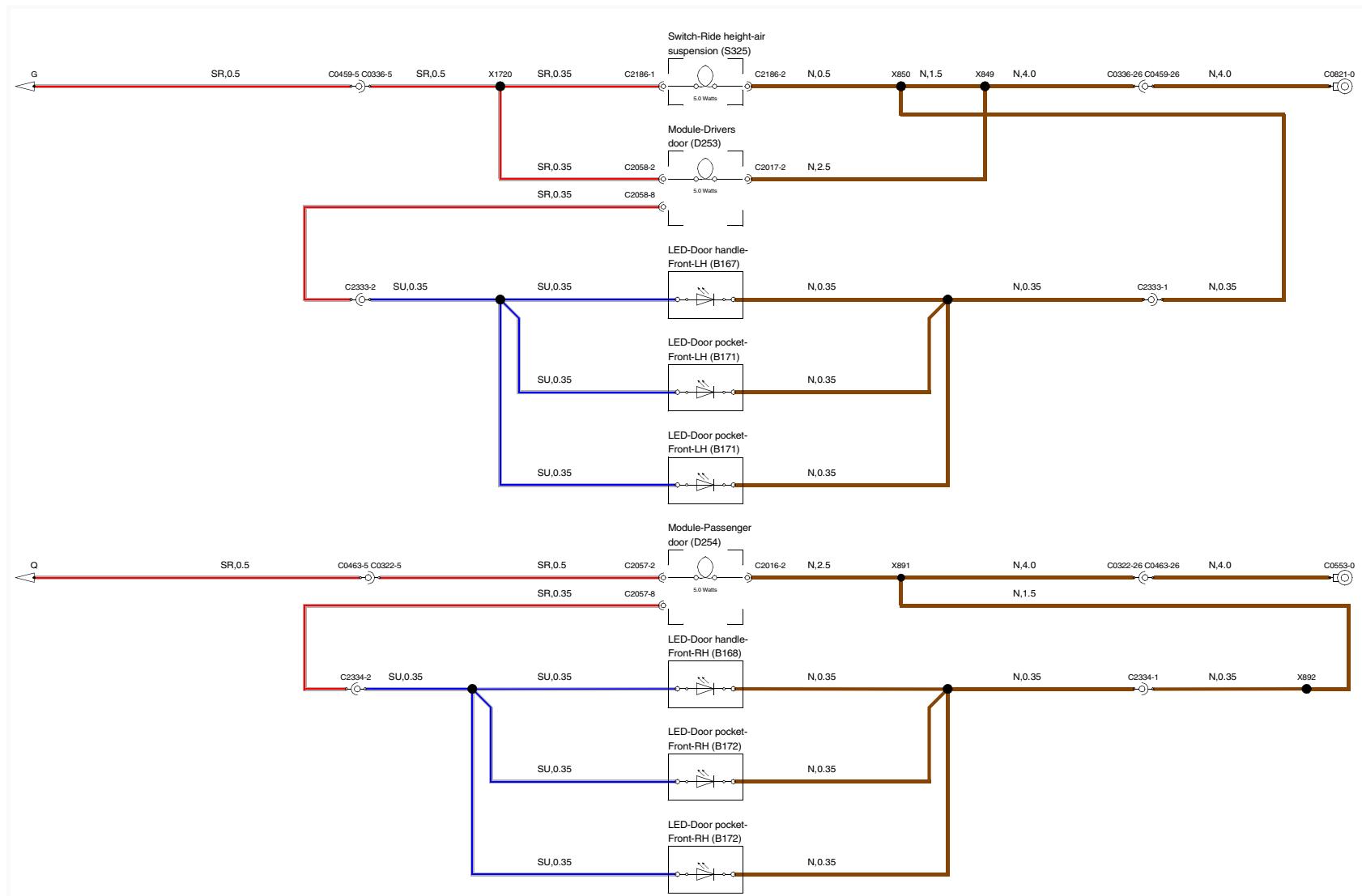
46 | INTERIOR ILLUMINATION

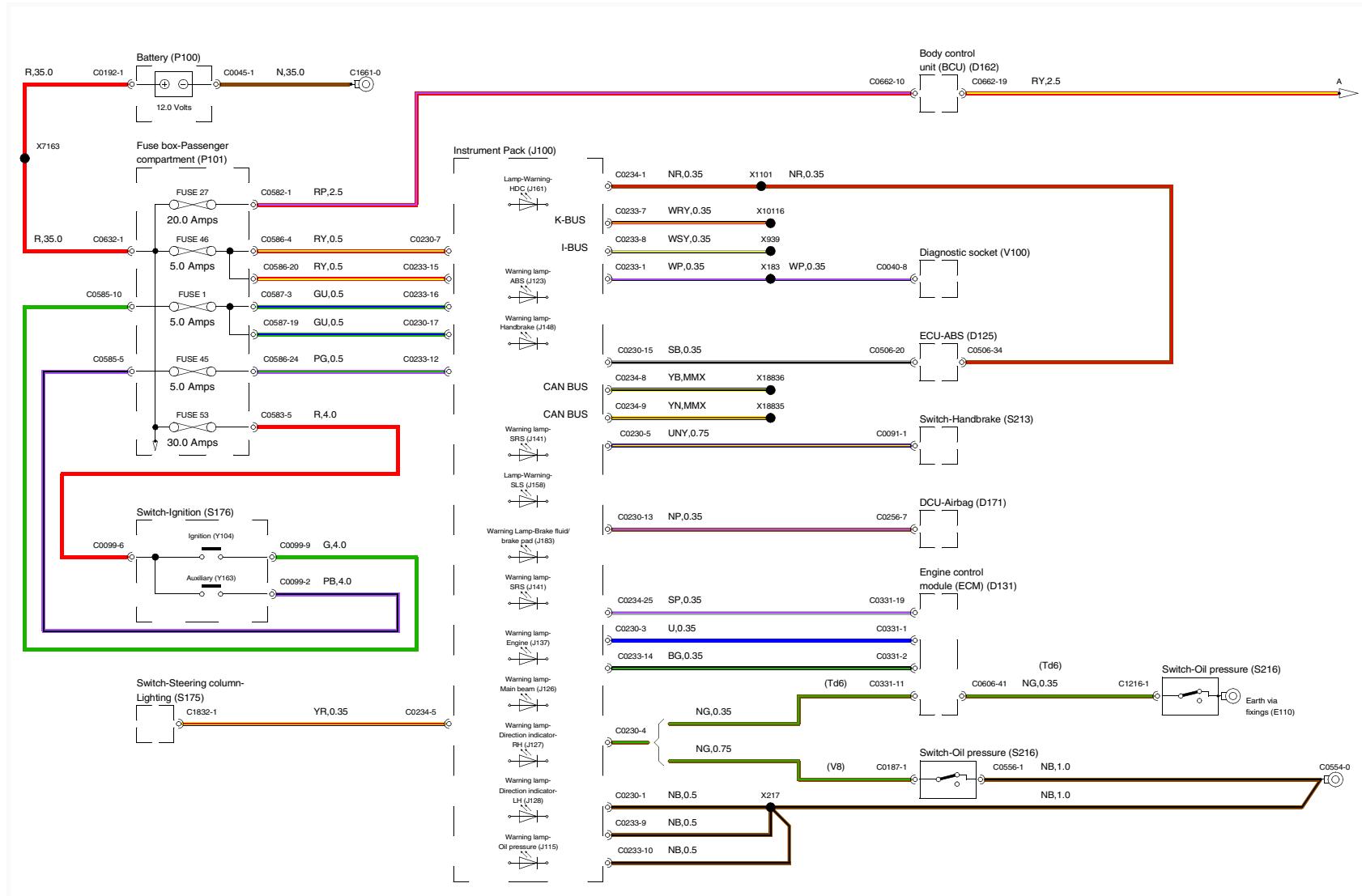


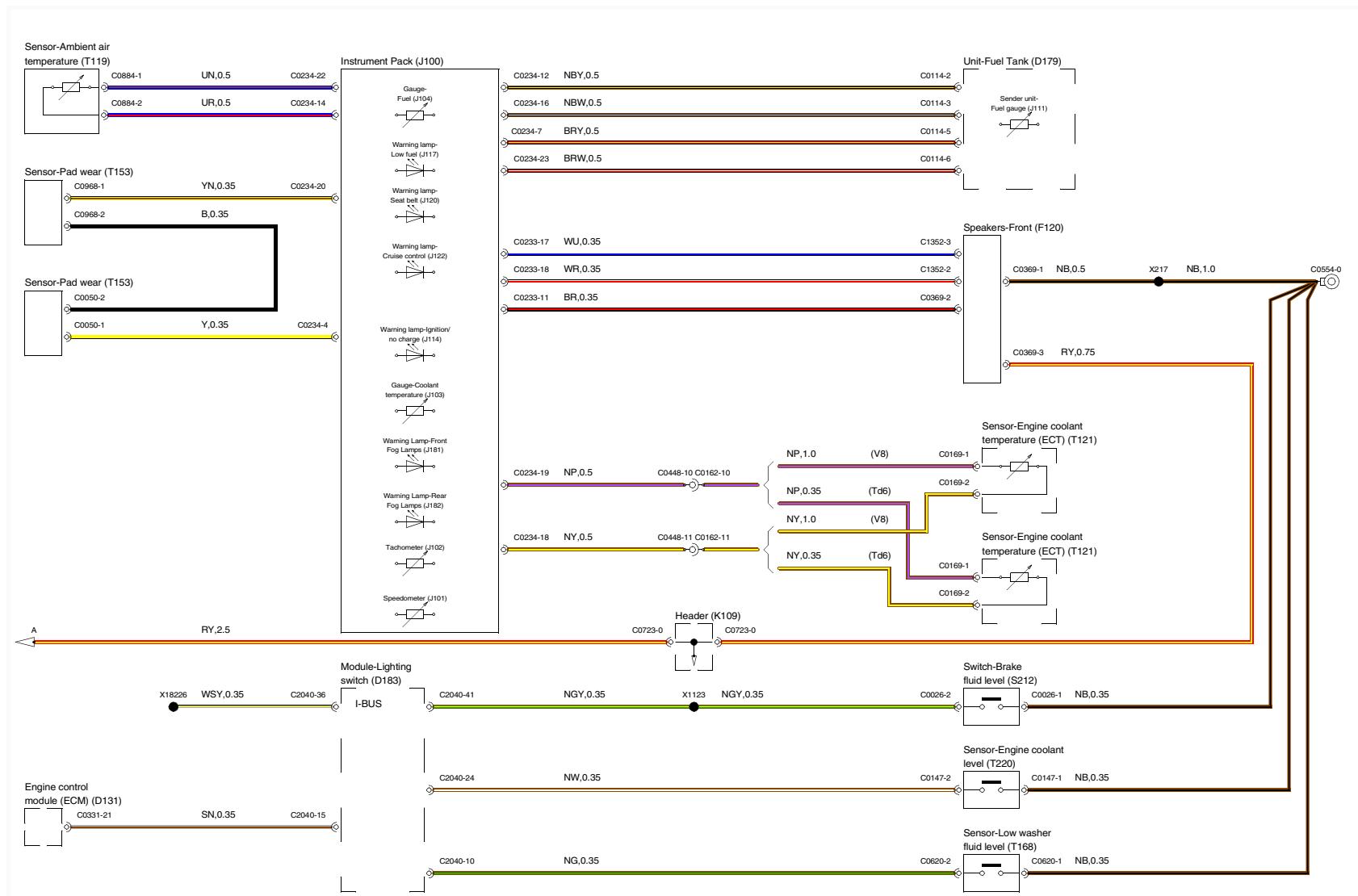


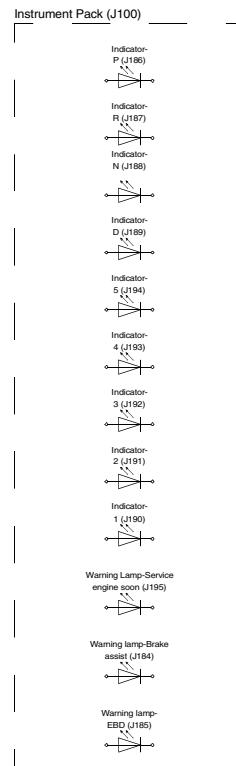




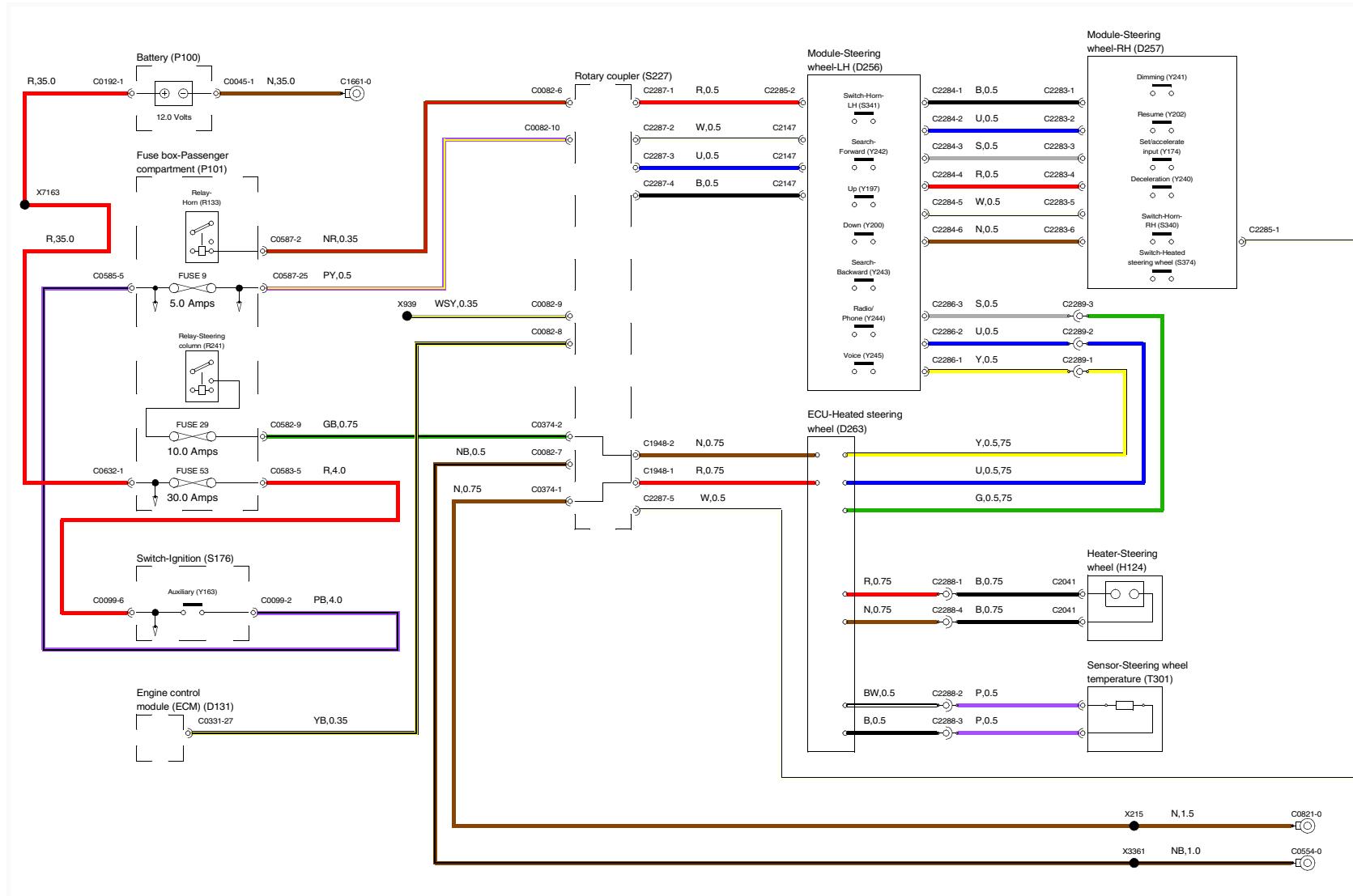


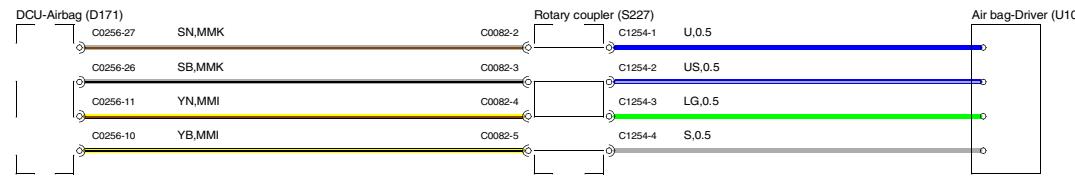


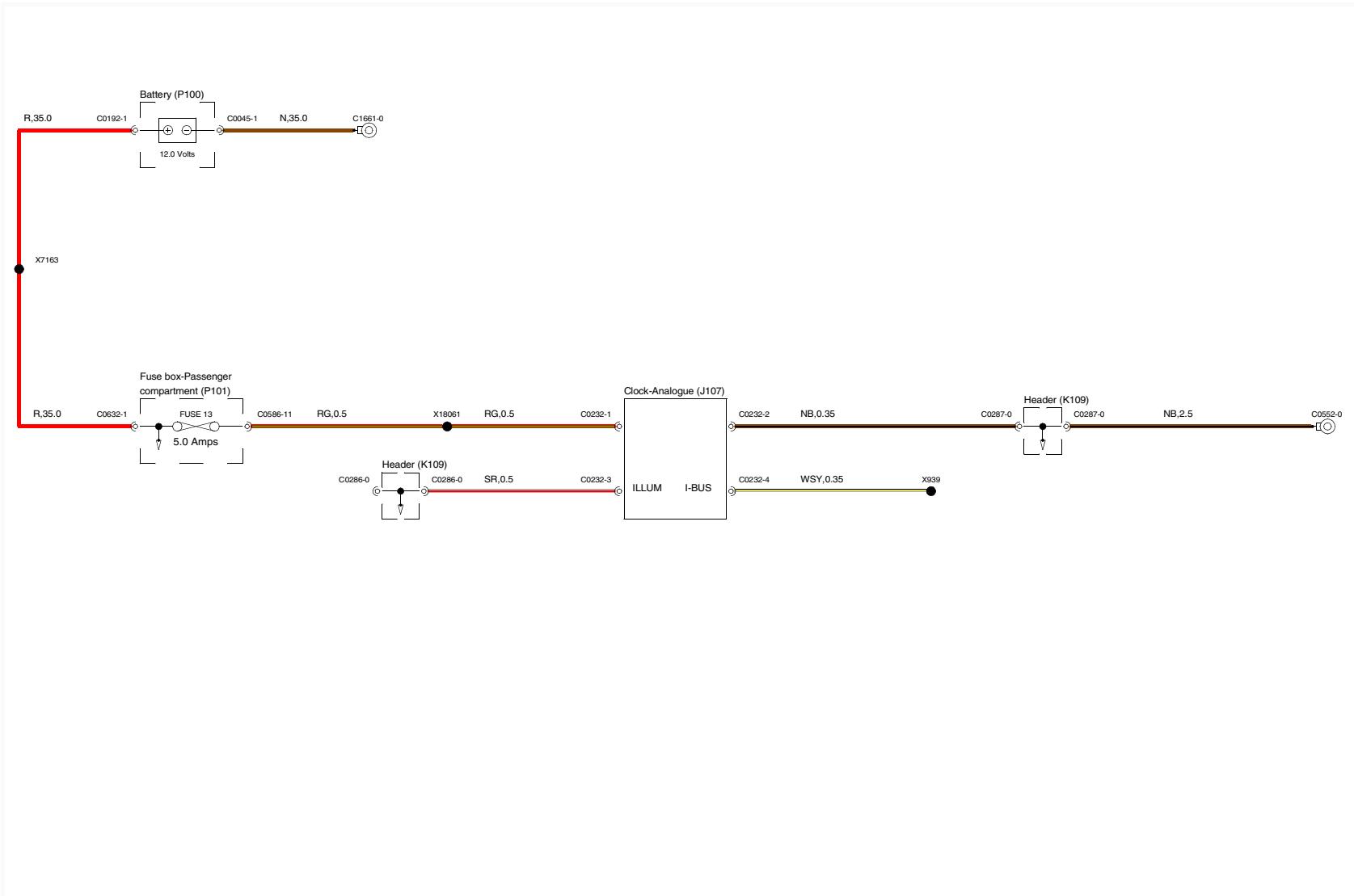




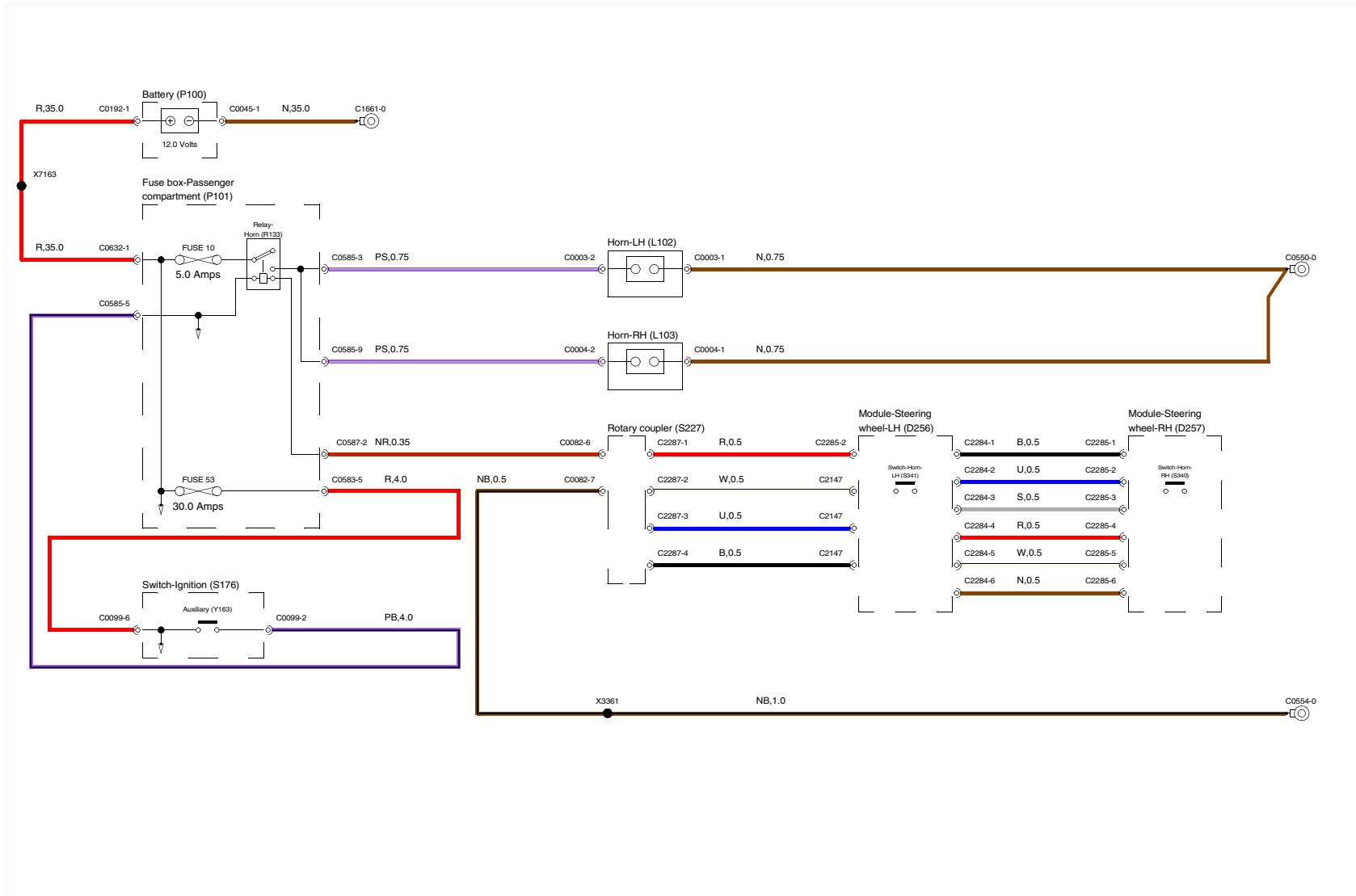
47 ROTARY COUPLER



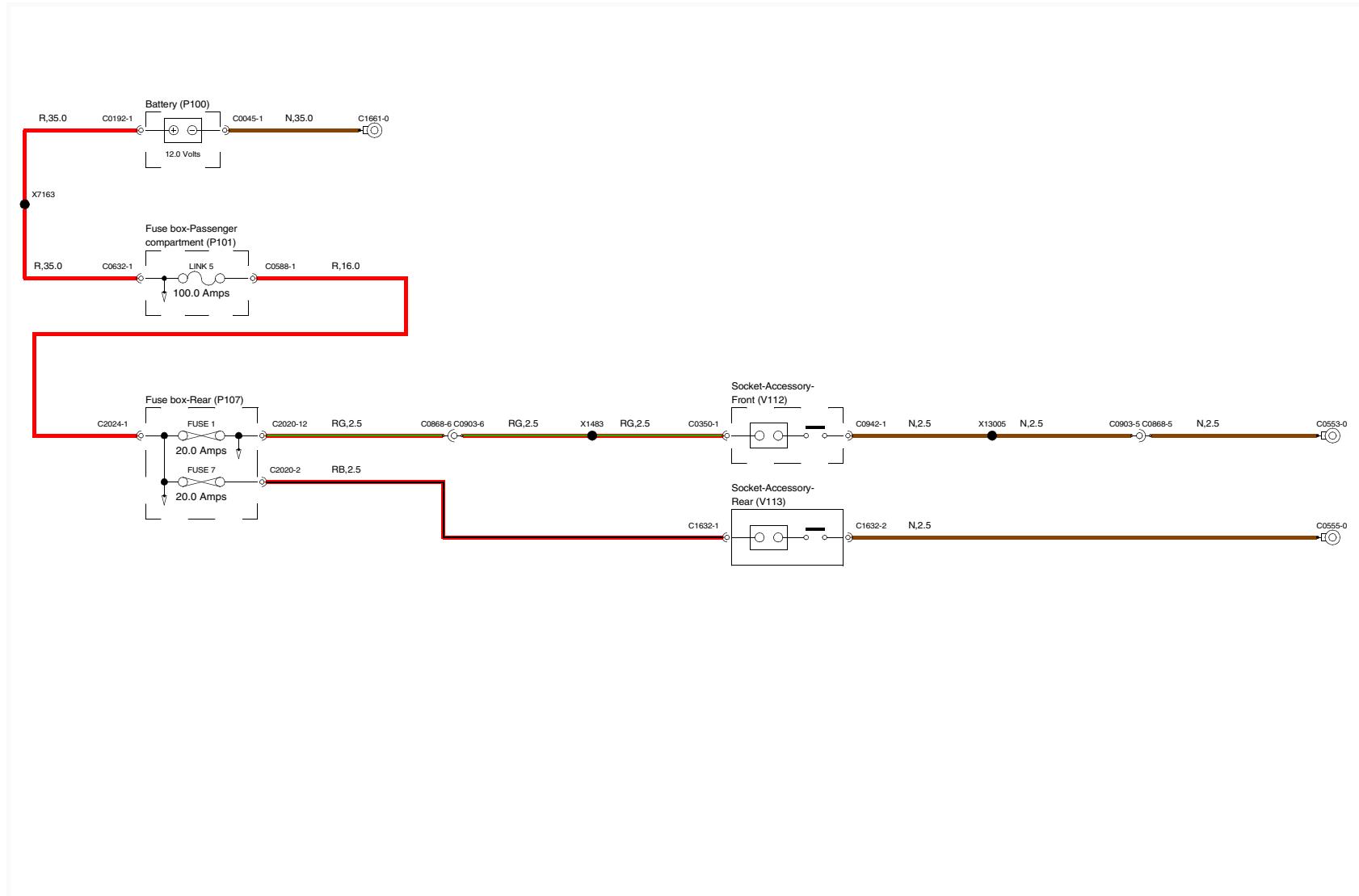




48 HORN (S)



49 ACCESSORY SOCKET



49 CIGAR LIGHTER

