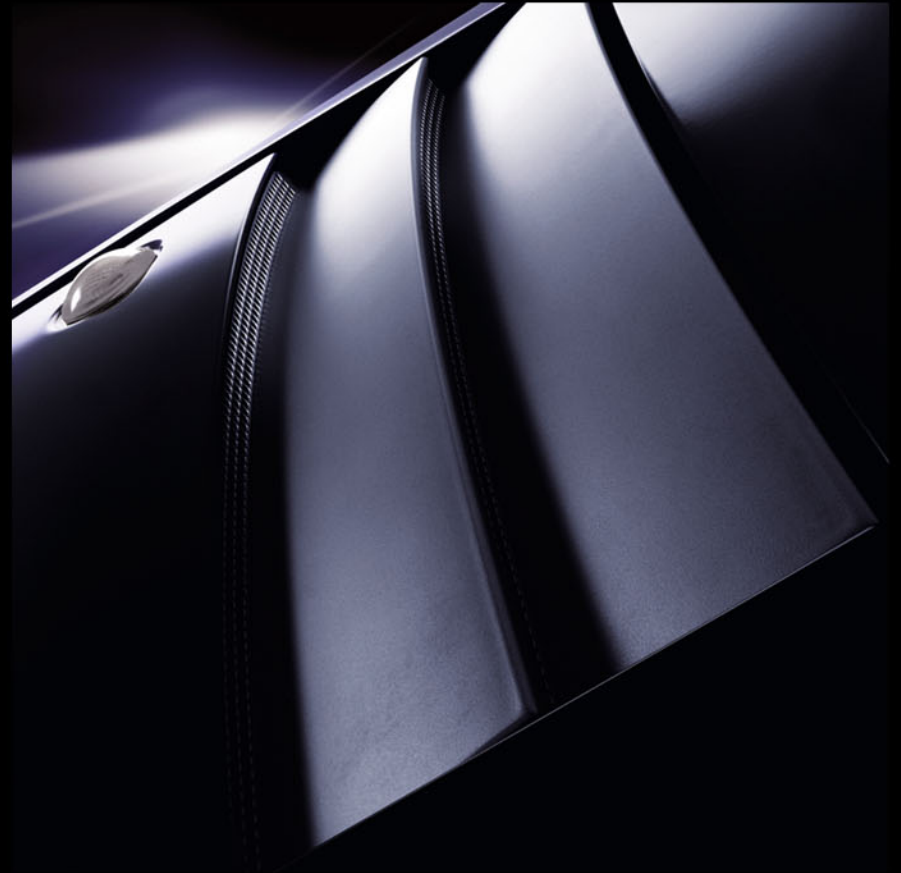




RANGE ROVER

Esquemas de Circuitos Eléctricos



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Esquemas de Circuitos Eléctricos

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Publicado por Land Rover

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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	G	PRETO
G	GREEN	G	GROEN	G	VERT	G	GRÜN	G	VERDE	G	VERDE	K	VERDE
K	PINK	K	ROZE	K	ROSE	K	ROSA	K	ROSA	K	ROSA	LG	ROSA
LG	LIGHT GREEN	LG	LICHTGROEN	LG	VERT CLAIR	LG	HELLGRÜN	LG	VERDE CHIARO	LG	VERDE CLARO	N	VERDE CLARO
N	BROWN	N	BRUIN	N	BRUN	N	BRAUN	N	MARRONE	N	MARRON	O	CASTANHO
O	ORANGE	O	ORANJE	O	ORANGE	O	ORANGE	O	ARANCIONE	O	NARANJA	P	LARANJA
P	PURPLE	P	PAARS	P	VIOLET	P	LILA	P	PORPORA	P	PURPURA	R	ROXO
R	RED	R	ROOD	R	ROUGE	R	ROT	R	ROSSO	R	ROJO	S	VERMELHO
S	SLATE (grey)	S	LEIGRIJS	S	GRIS	S	GRAU	S	ARDESIA (grigio)	S	PIZARRO (gris)	U	CINZENTO
U	BLUE	U	BLAUW	U	BLEU	U	BLAU	U	BLU	U	AZUL	W	AZUL
W	WHITE	W	WIT	W	BLANC	W	WEISS	W	BIANCO	W	BLANCO	Y	BRANCO
Y	YELLOW	Y	GEEL	Y	JAUNE	Y	GELB	Y	GIALLO	Y	AMARILLO	Y	AMARELO

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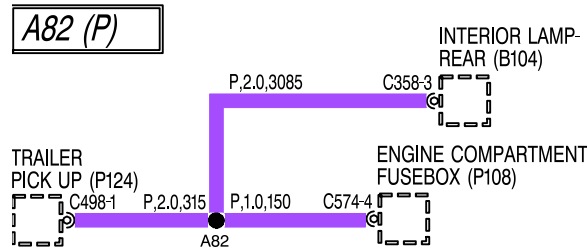
MODO DE EMPLEO DE LOS ESQUEMAS DE CONEXIONES

Toda la información contenida en este folleto está destinada al uso con el libro de la Biblioteca de Consulta de Electricidad.

Estos esquemas de conexiones se presentan empezando por la distribución de Energía y Masa, seguida de los circuitos de cada sistema eléctrico del coche.

Distribución de energía

El esquema de Distribución de Energía ilustra las conexiones entre la batería y las cajas de fusibles del compartimento motor y habitáculo. También ilustra la circuitería interna de las cajas de fusibles.



86M4227A

Los detalles de cajas de fusibles son seguidos de circuitos independientes que cumplen funciones específicas, y después de la sección Empalmes y tomas centrales donde se explica la forma en que los empalmes y tomas centrales de los mazos de cables internos distribuyen energía por los mazos de cables. Esta información deberá usarse durante la diagnosis de fallos eléctricos, para comprobar si hay síntomas en circuitos asociados y reducir el alcance de la investigación.

Distribución de masa

La sección de distribución a masa comprende una serie de tablas de Uniones de Convergencia y Empalmes. Los mismos se usan de forma similar a los de Distribución de Energía; para reducir el área de búsqueda mediante la comprobación de los síntomas de avería en los circuitos asociados.

Empalmes y tomas centrales

Las tablas de uniones de convergencia y empalmes presentan el empalme(s) y cableado hasta el primer componente. Los empalmes se identifican con un número provisto de prefijo alfabético y color de cable.

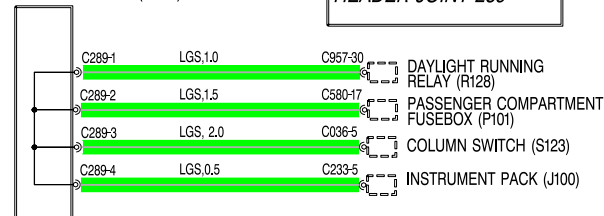
La información sobre empalmes indicada en los circuitos de cada sistema no es completa. Para obtener la información completa sobre cada empalme, remítase siempre al circuito del empalme.

Longitud del cable (Alimentación & Distribución de masa solamente)

La longitud del cable en milímetros. Esto sirve para localizar empalmes internos de los mazos de cables; busque el cable más corto entre el empalme y el conector. Por ejemplo, se ve que C574-4 está a 150 mm de distancia del empalme A82.

Conectores

HEADER JOINT (K109)



86M4228A

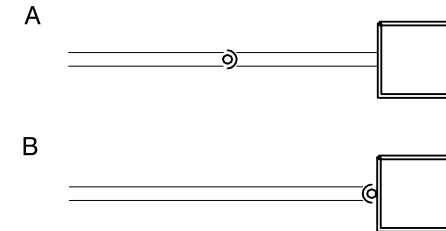
Las uniones de convergencia se reconocen por el número del conector correspondiente, que tiene un sufijo para indicar la disposición de pines del cable, por ejemplo C289-1 identifica el conector 289 y 1 el número de pin. El color del material aislante del cable se identifica de la forma normal. En el caso de cables que tienen un color predominante y una franja de color secundario, el color principal se identifica primero, por ejemplo LGS - Verde claro con franja gris.

Tipos de línea



86M4229A

Esto significa que el cable se conecta a otro circuito.



86M4230A

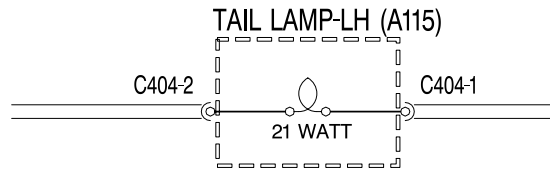
El símbolo de copa y bola indica las mitades macho y hembra del conector.

A. El enchufe en el cable (cable libre) se conecta directamente al componente.

B. El conector se enchufa directamente en el componente.

MODO DE EMPLEO DE LOS ESQUEMAS DE CONEXIONES

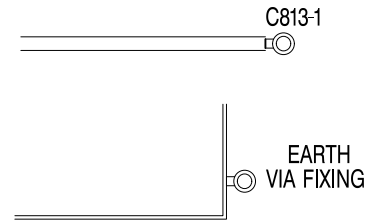
Componentes



86M4231A

Se indica el nombre o descripción del componente. Un perfil dibujado con línea de puntos indica que el componente no se ha ilustrado completo.

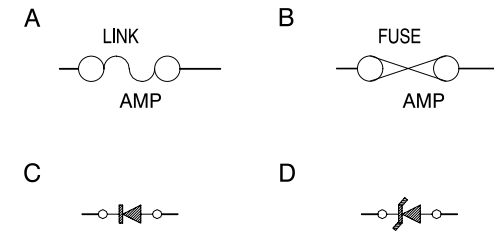
Tomas de masa



86M4232A

Las tomas de masa se identifican con el símbolo de un ollao y el número del conector, excepto cuando los componentes se conectan a masa a través de sus fijaciones, en ese caso sólo se ilustra el ollao.

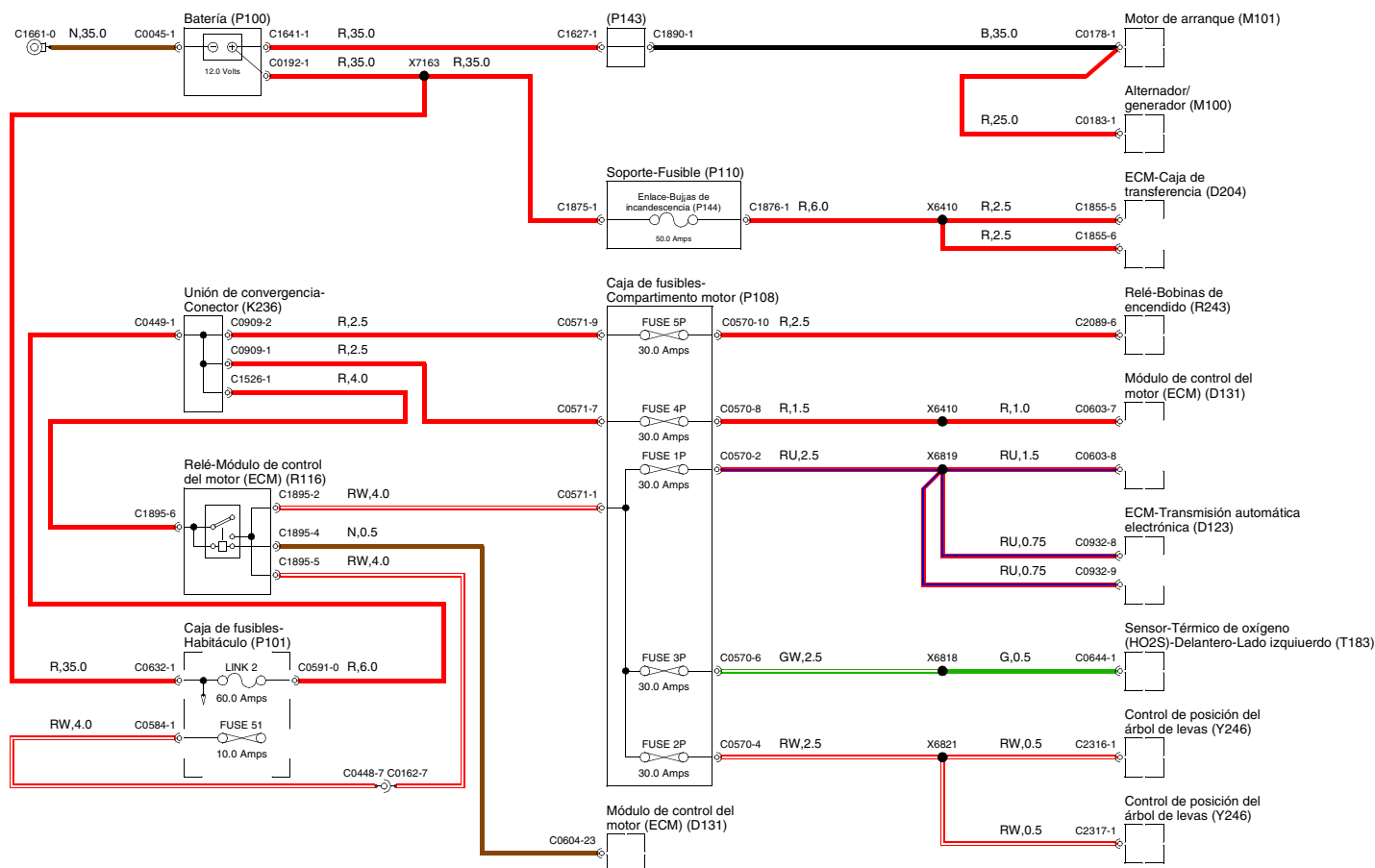
Fusibles y Diodos

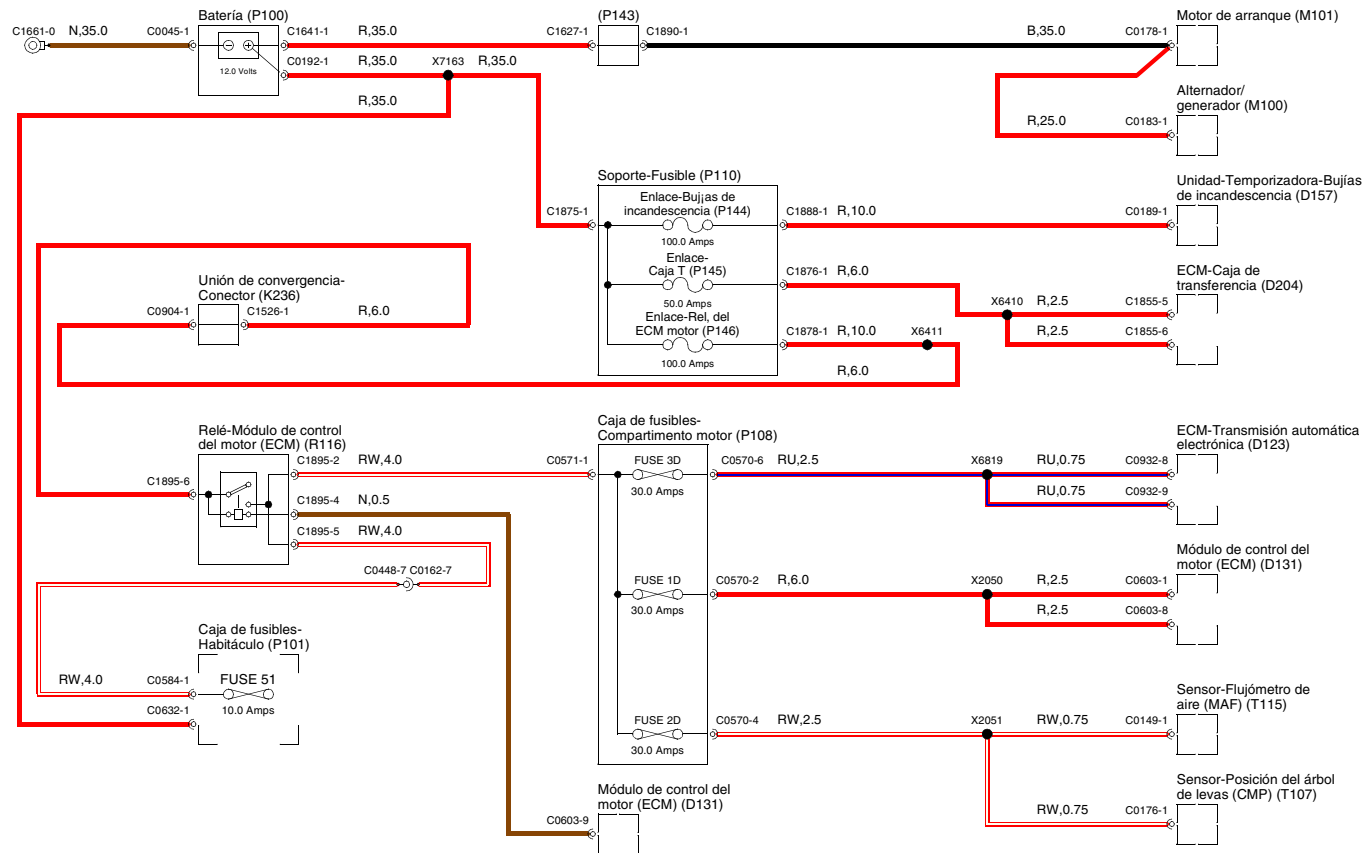


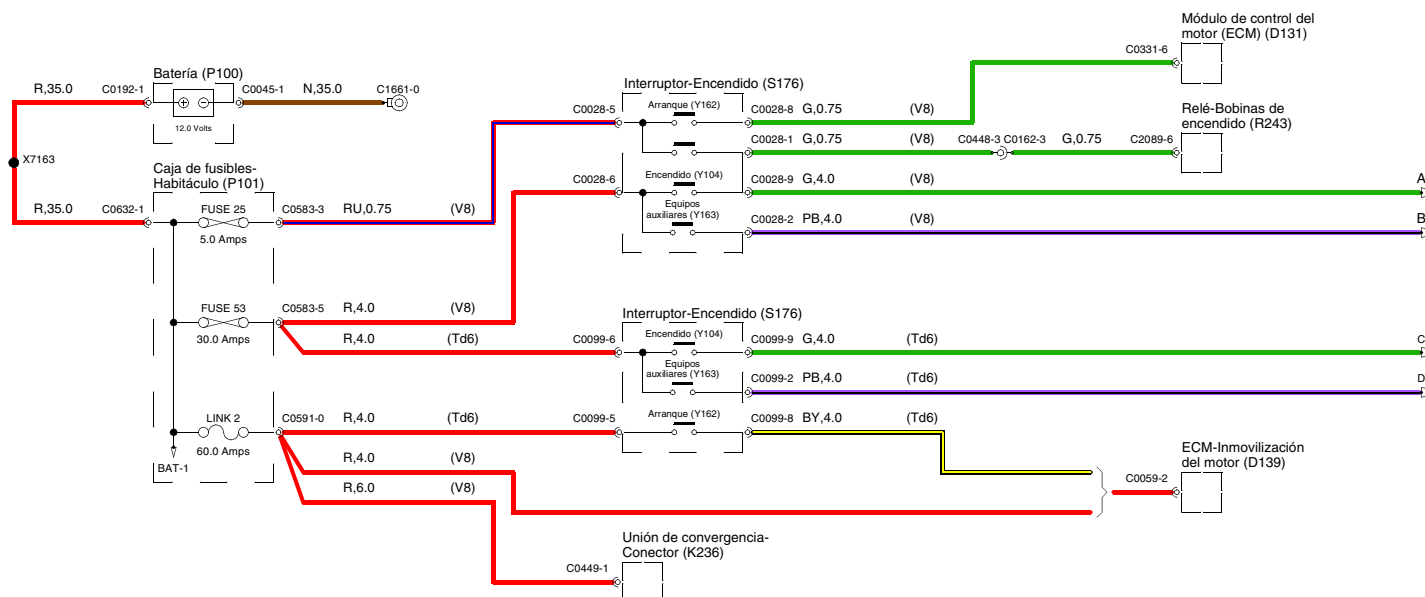
86M4234A

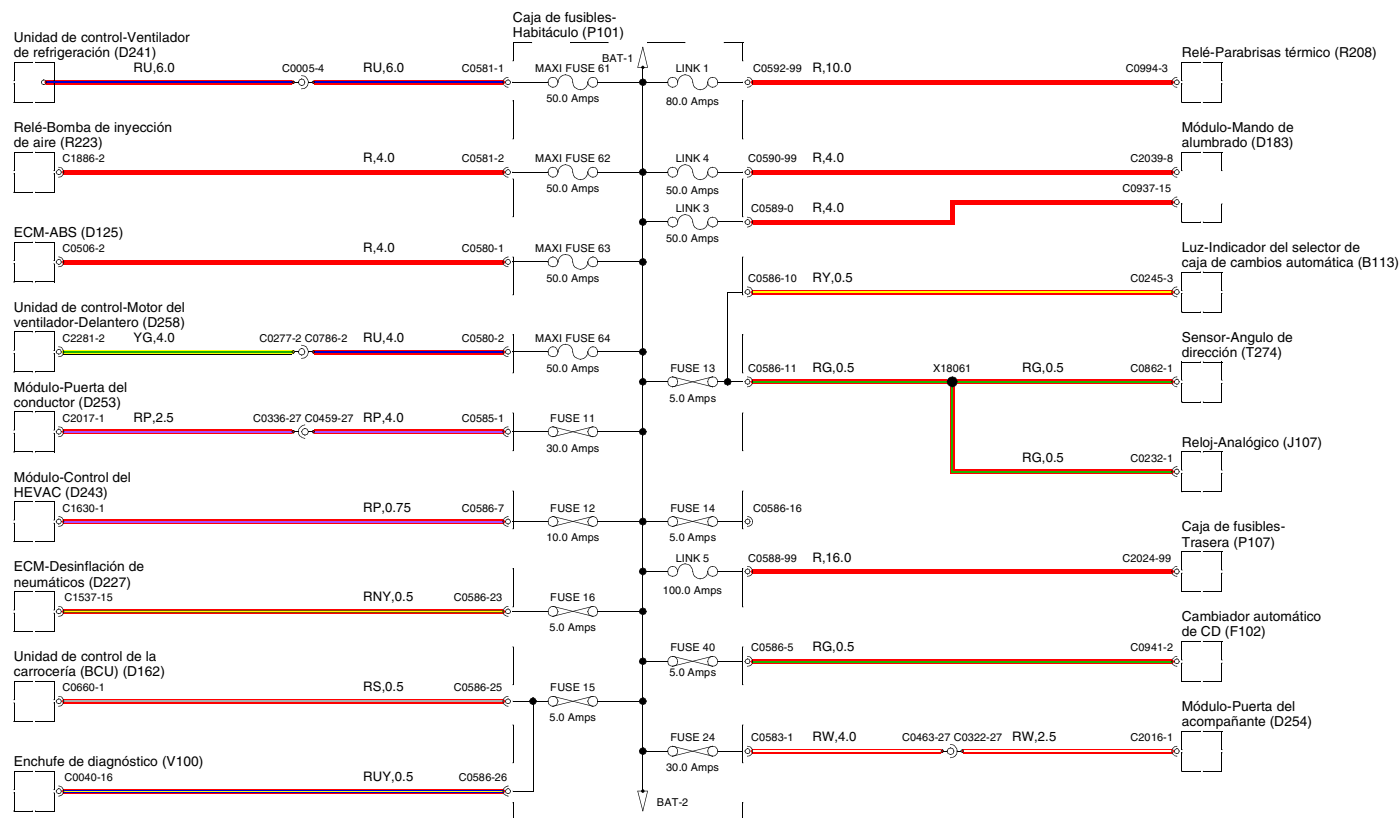
Los eslabones fusibles (A) y fusibles para la corriente de régimen (B) se identifican como se indica.

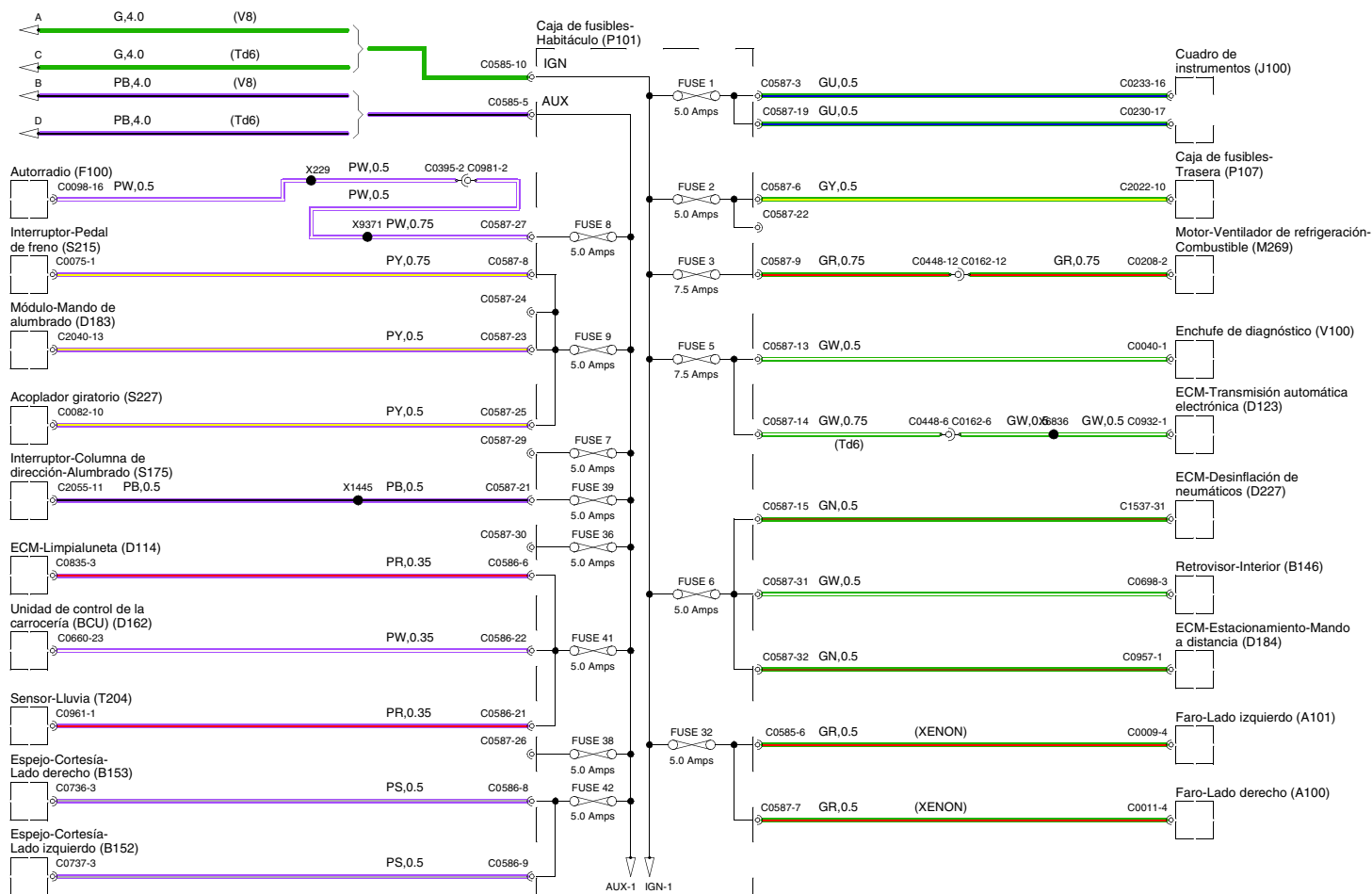
La dirección de la flecha en un símbolo de Diodo (C), indica la dirección del flujo de corriente. El diodo Zener (D) - impide el flujo de corriente hasta que se alcance una determinada tensión.

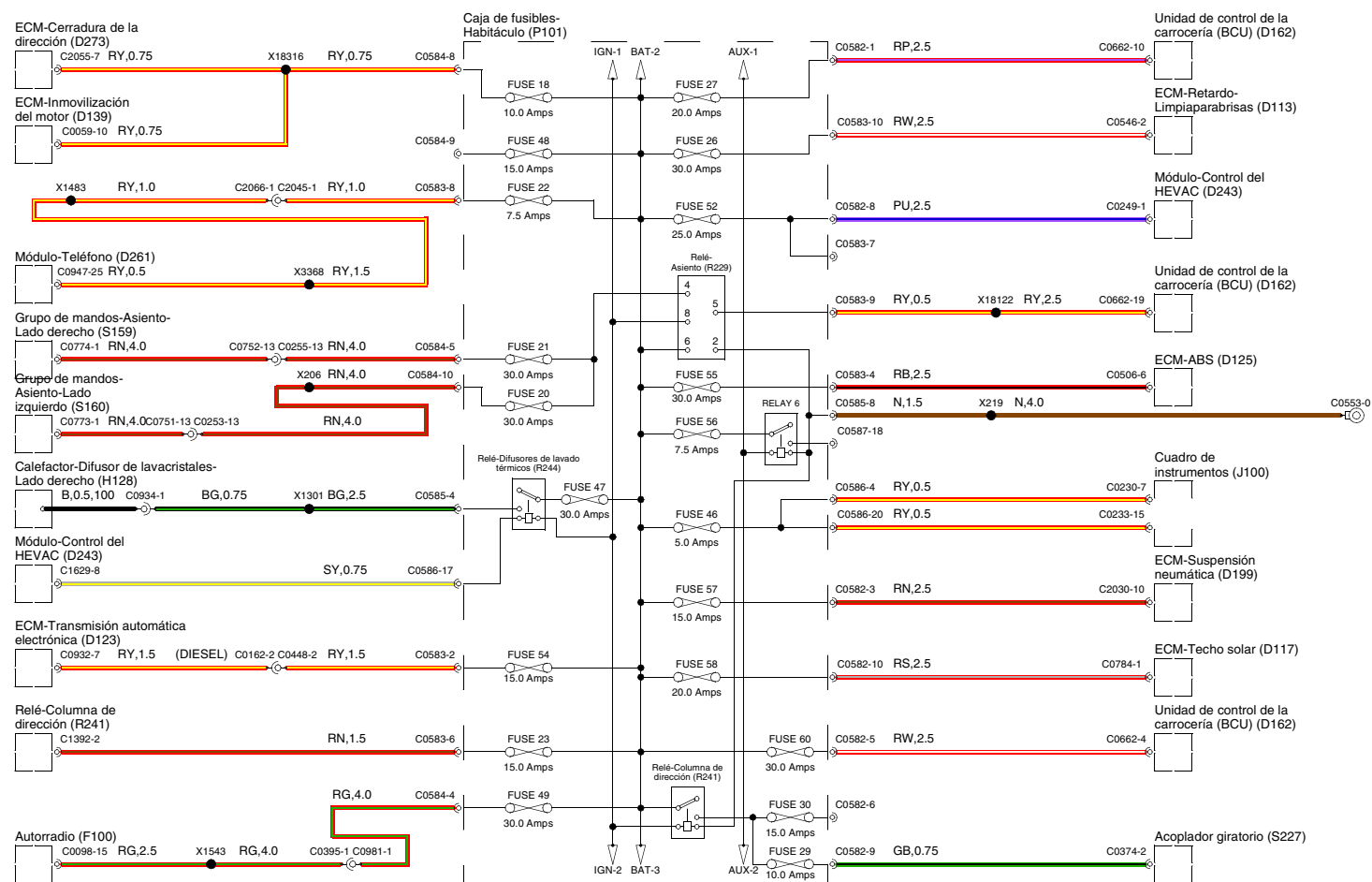


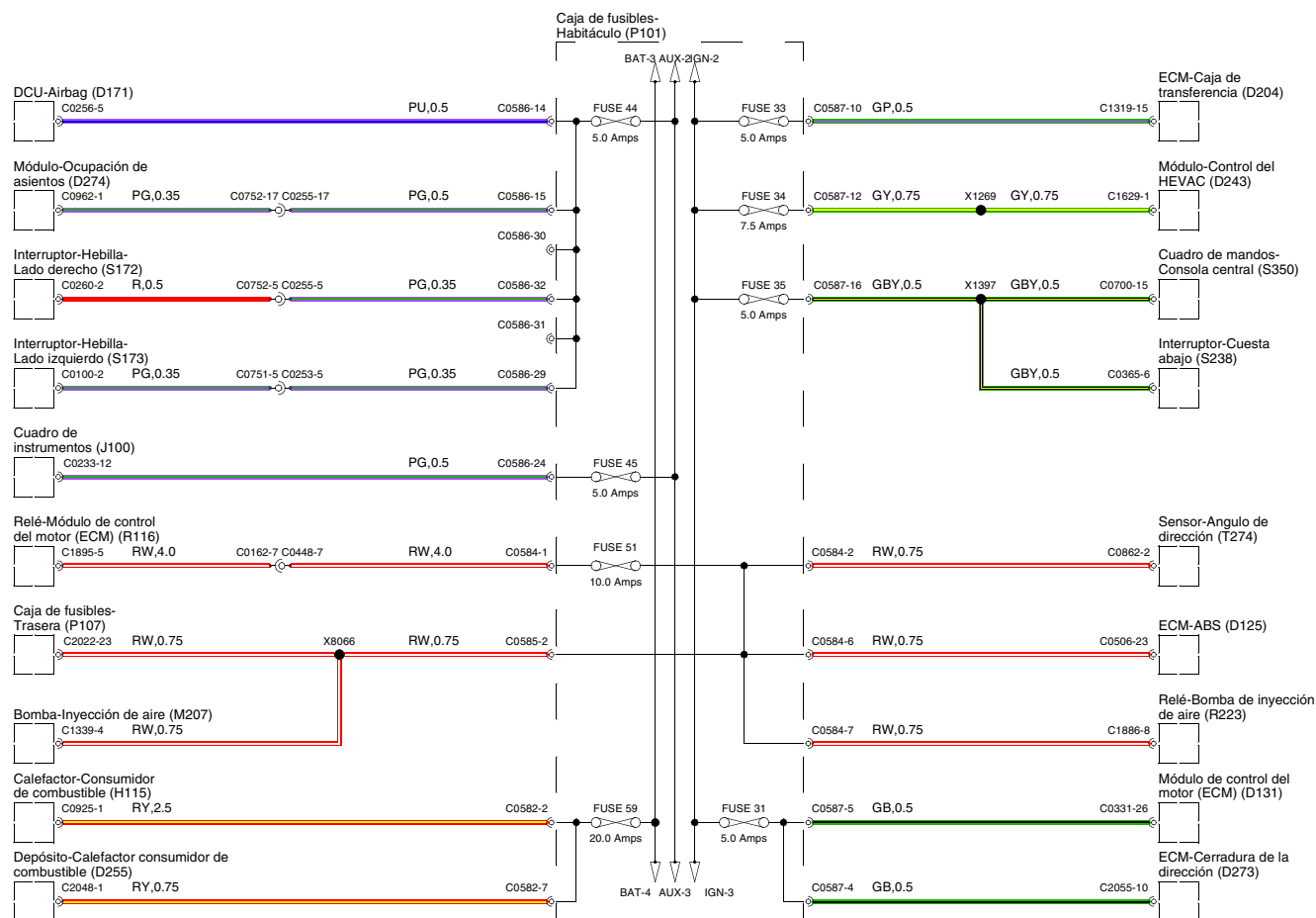


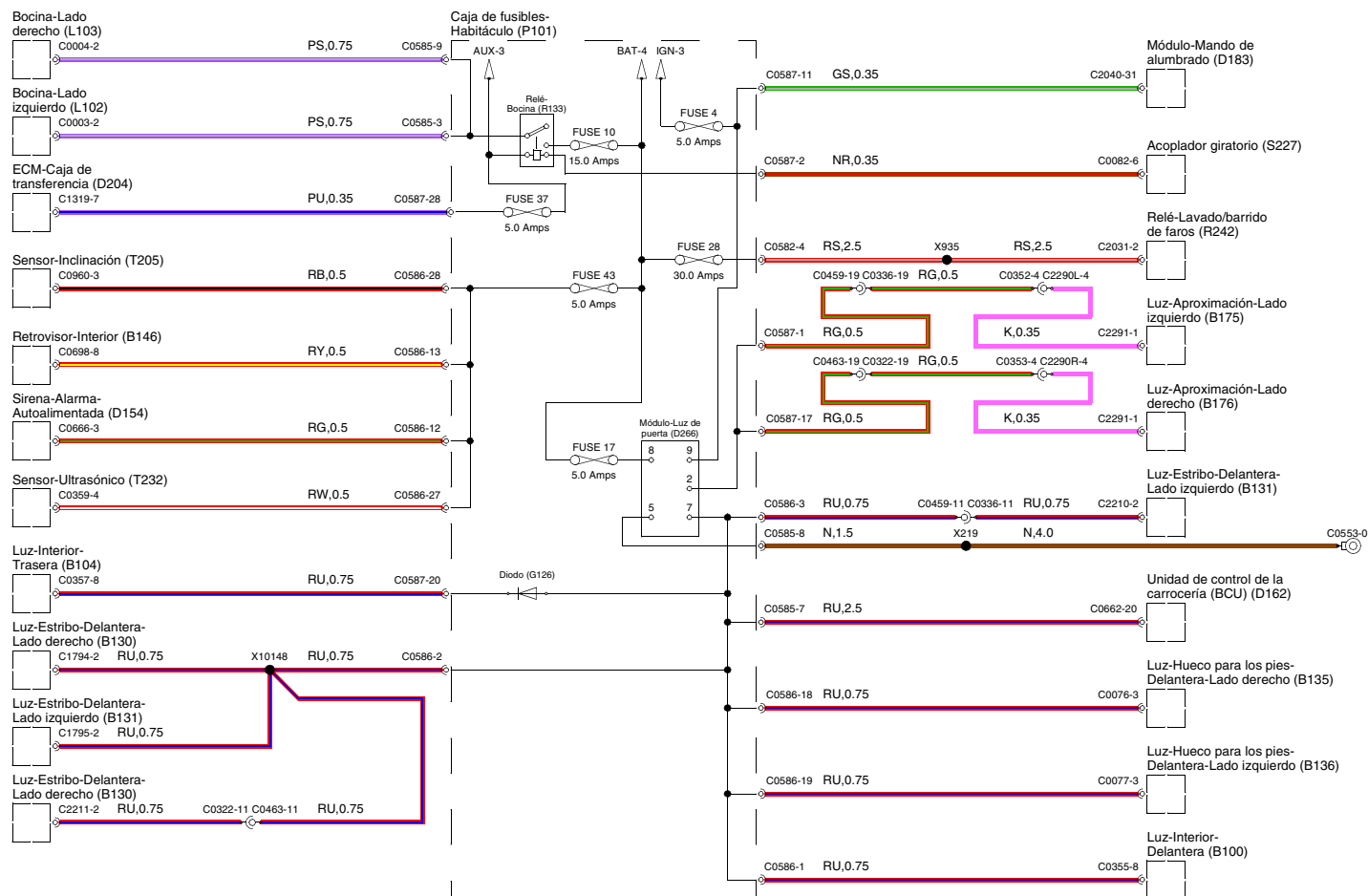


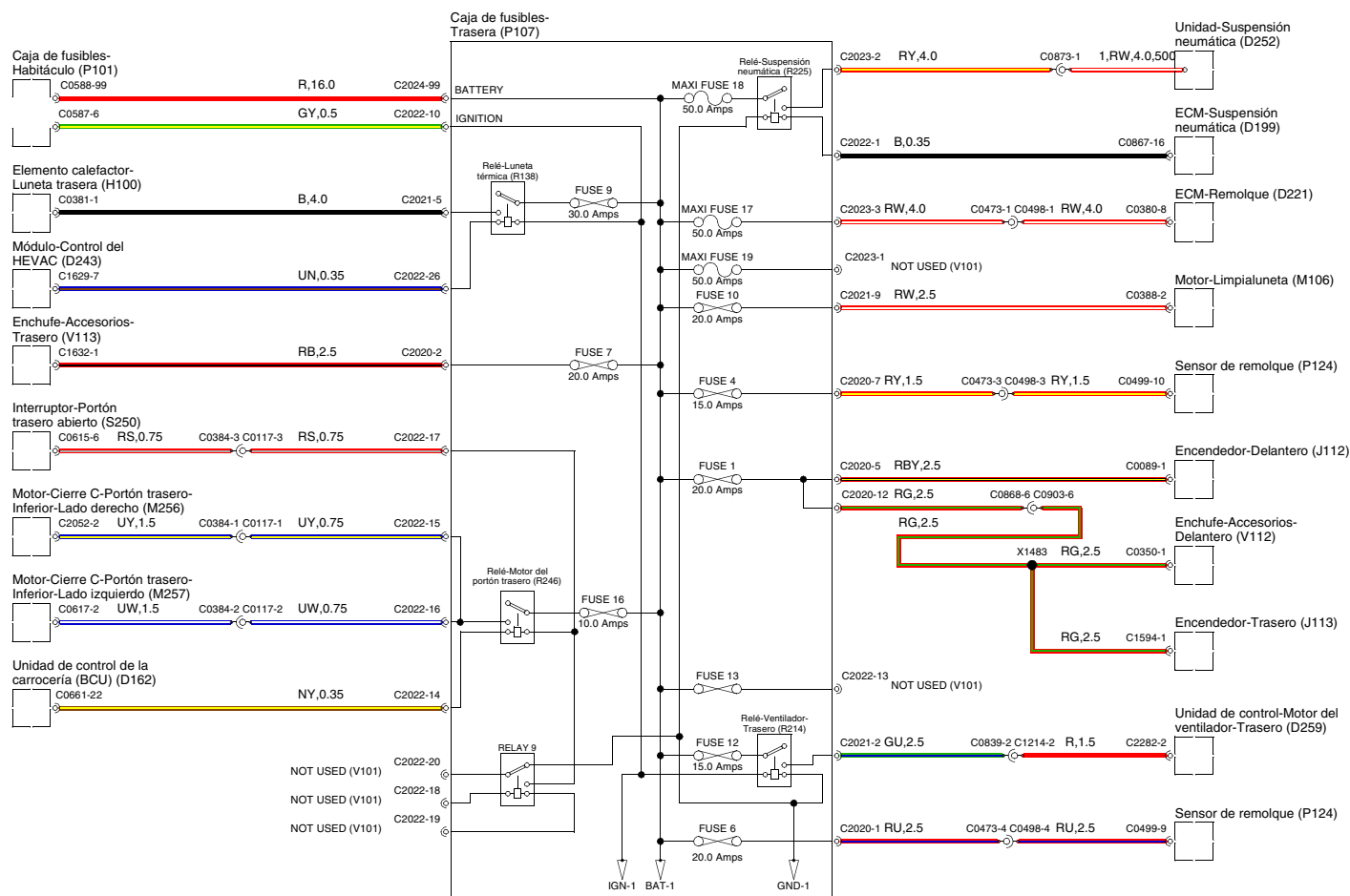


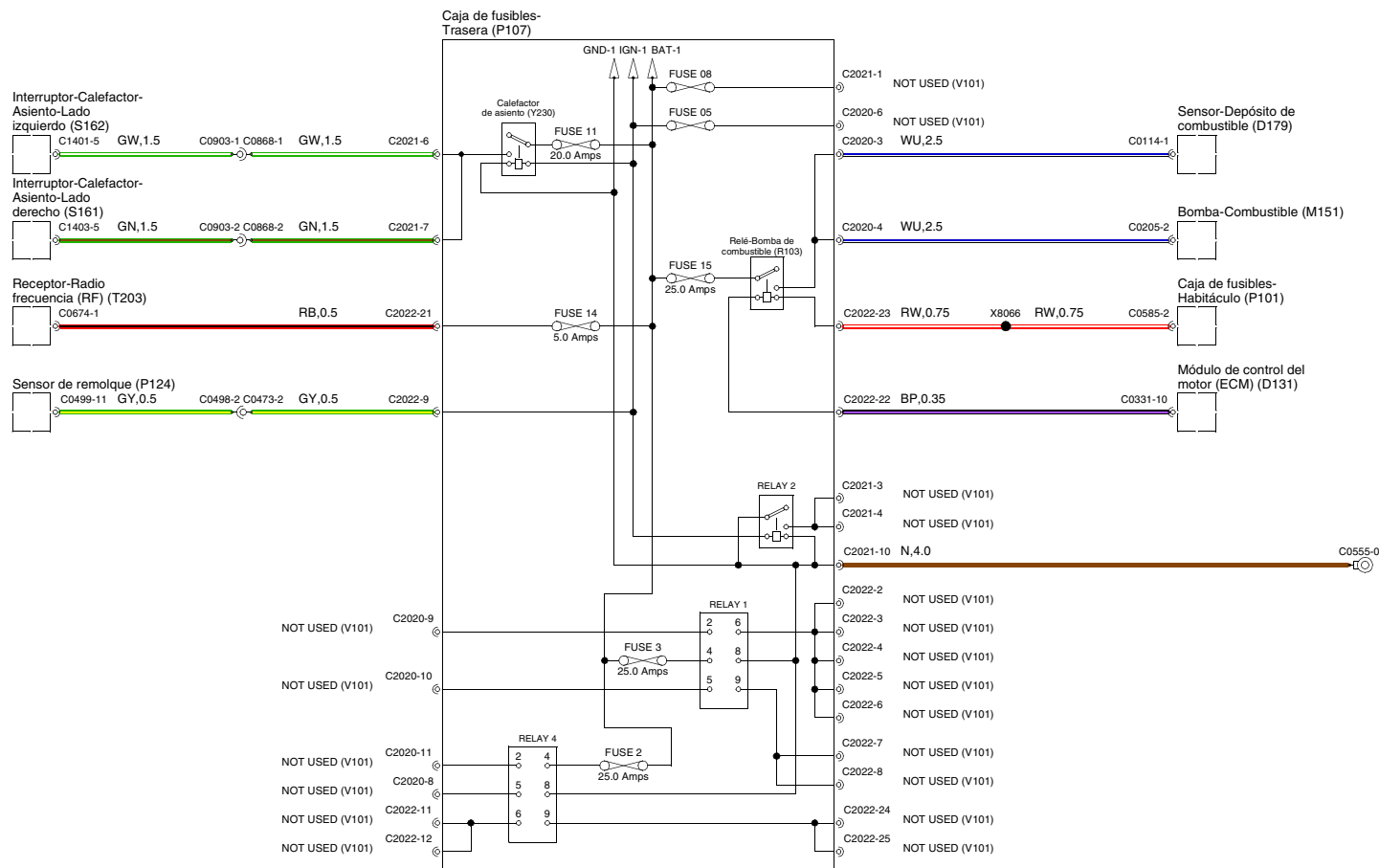




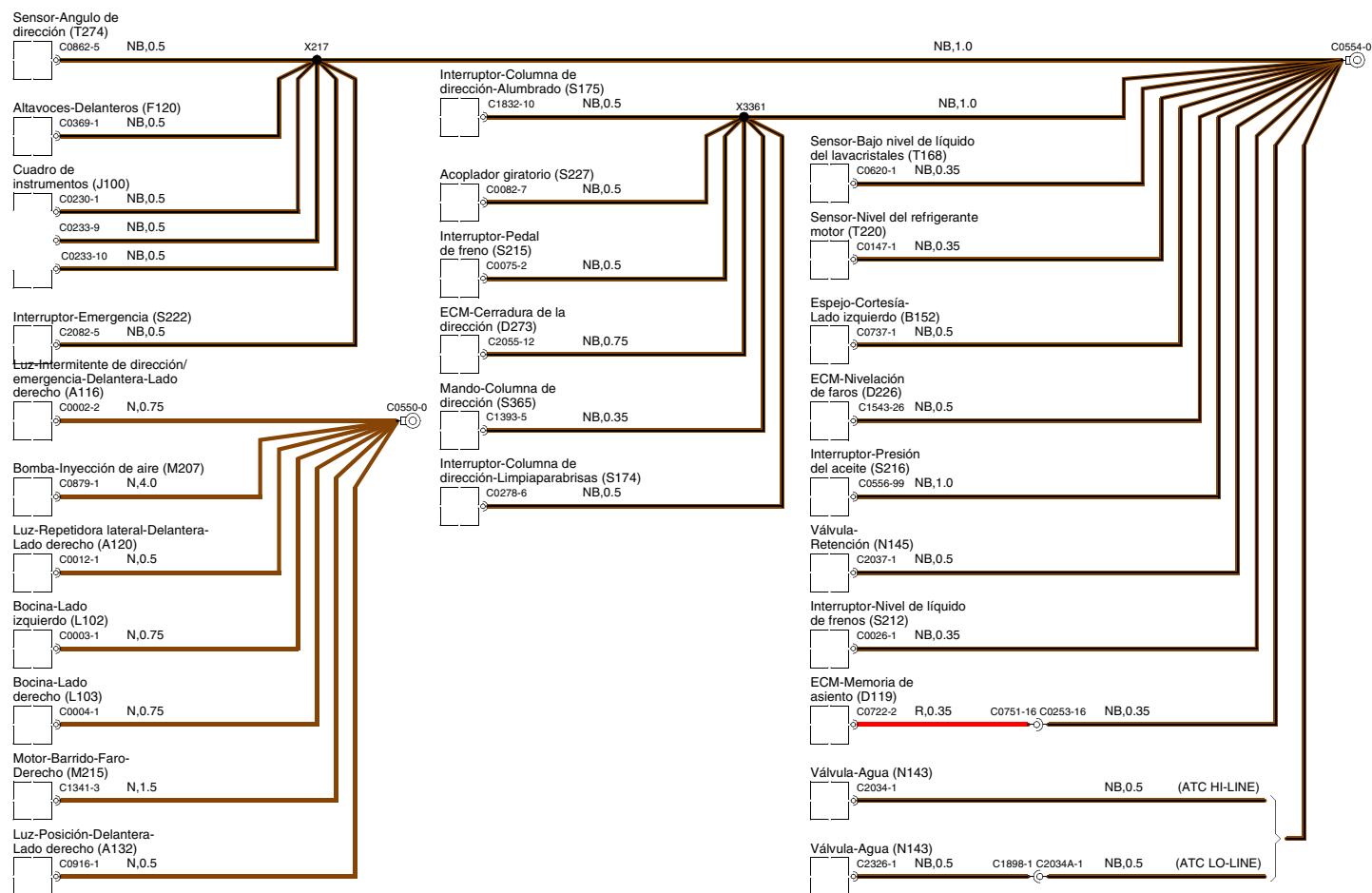




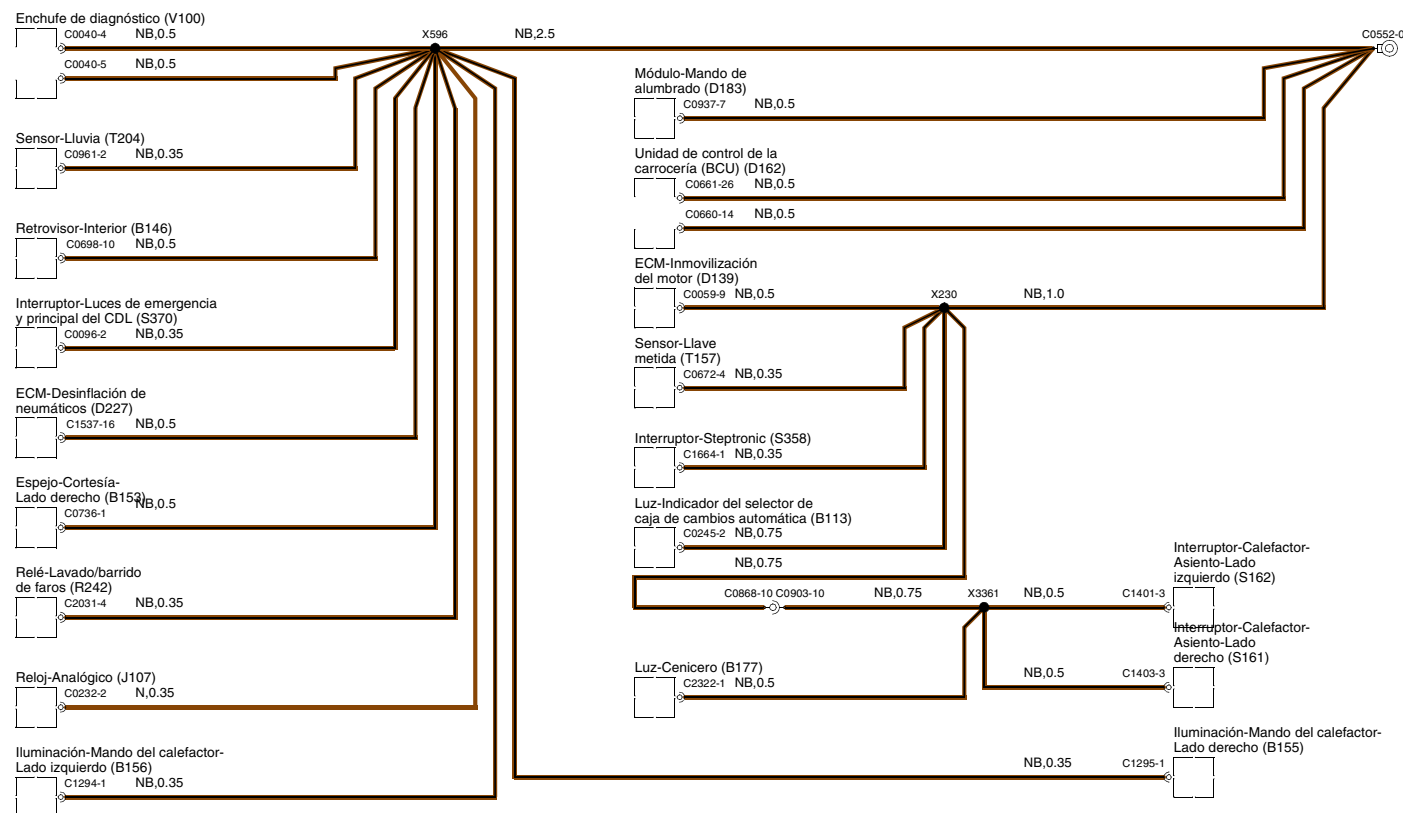




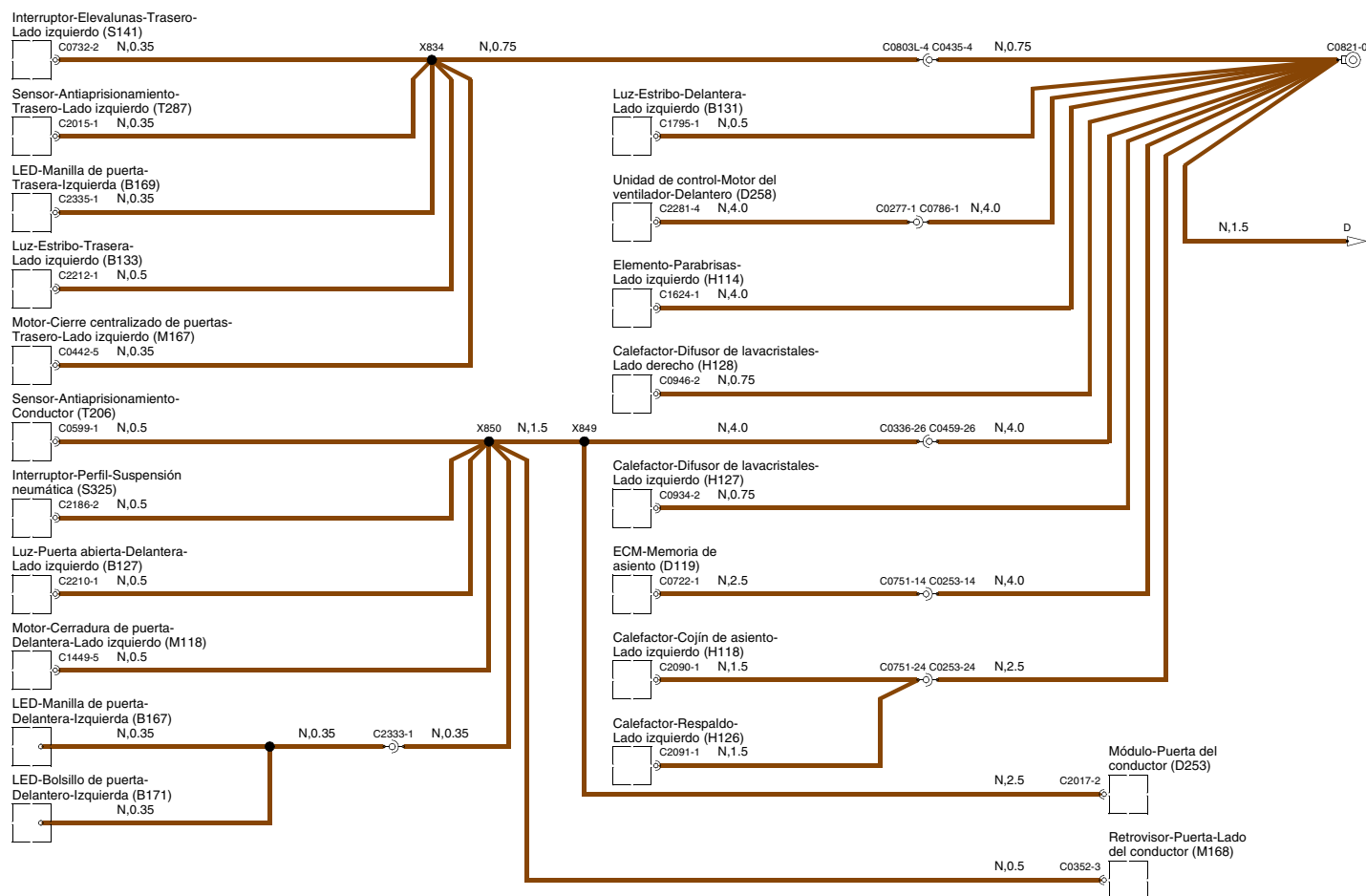
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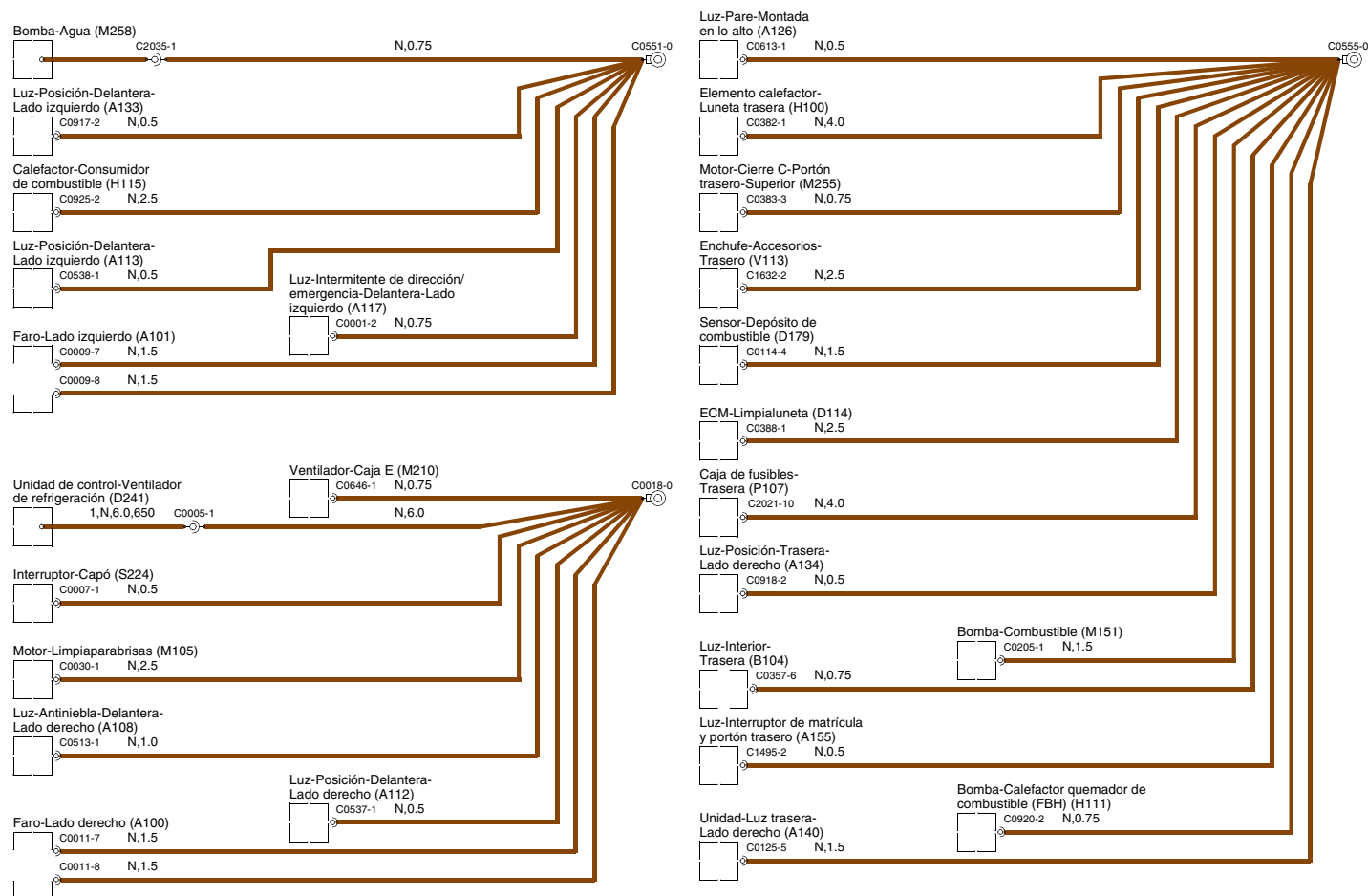
2 DISTRIBUCION DE MASA



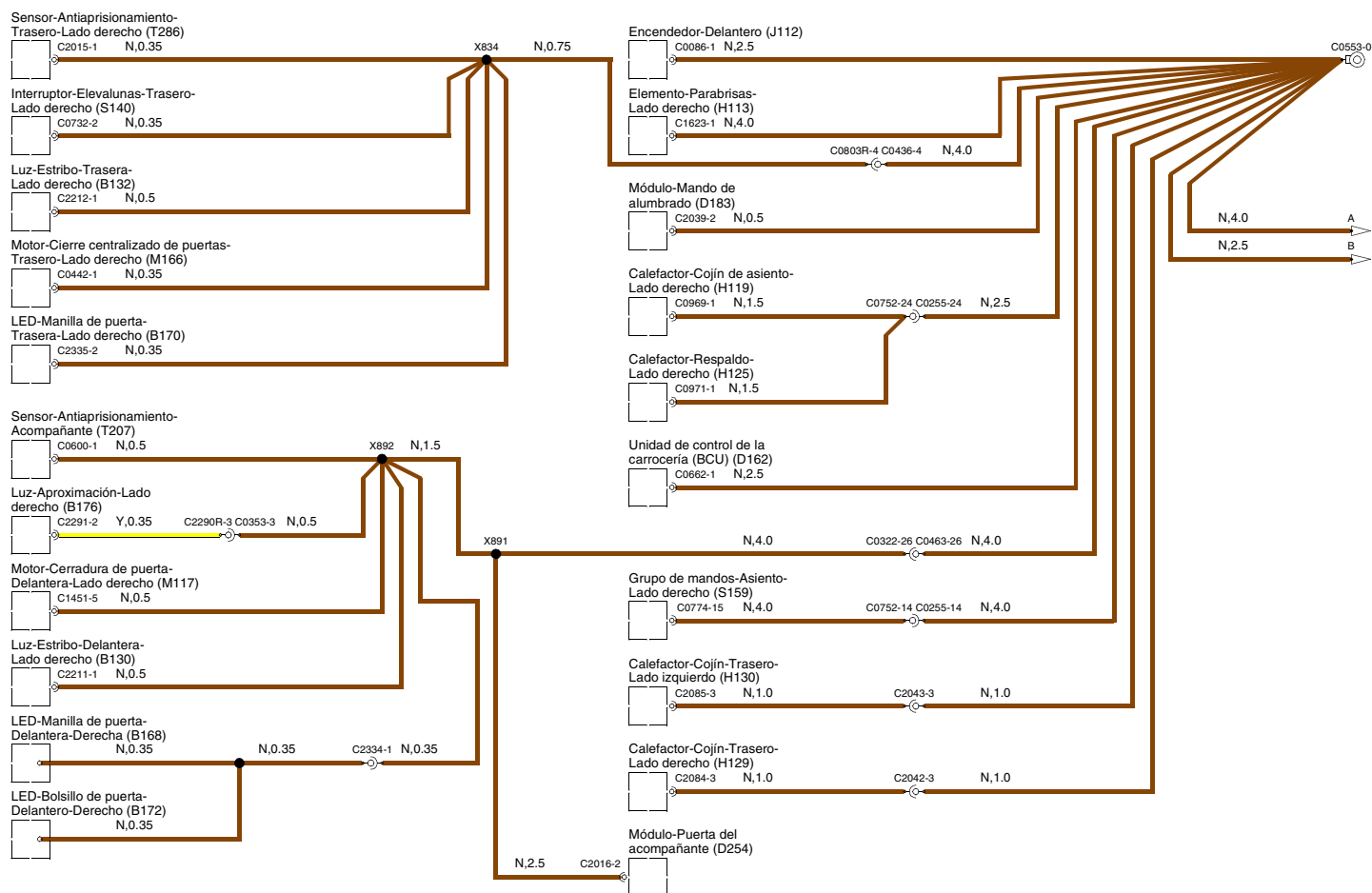
2 DISTRIBUCION DE MASA

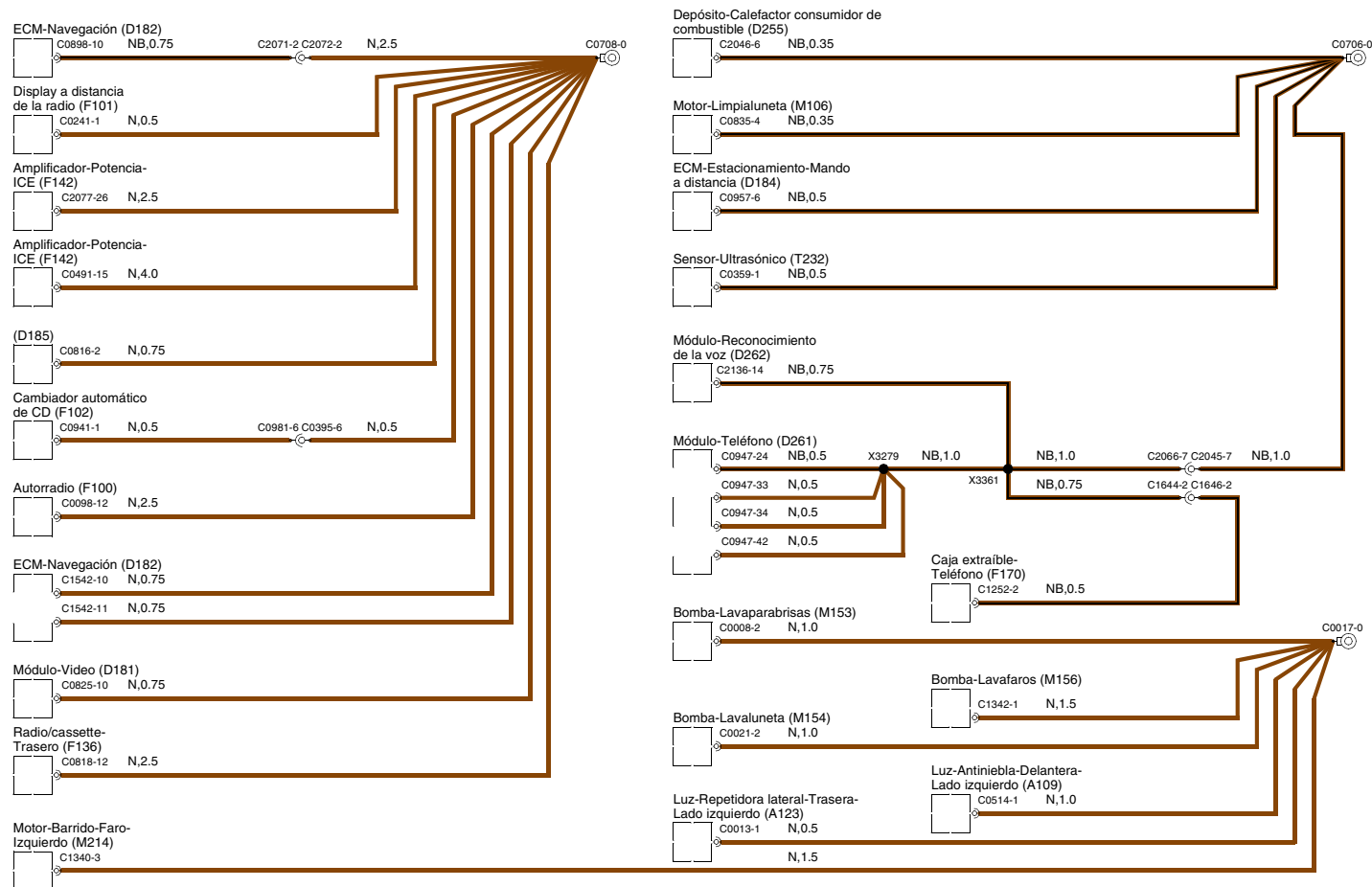


2 DISTRIBUCION DE MASA

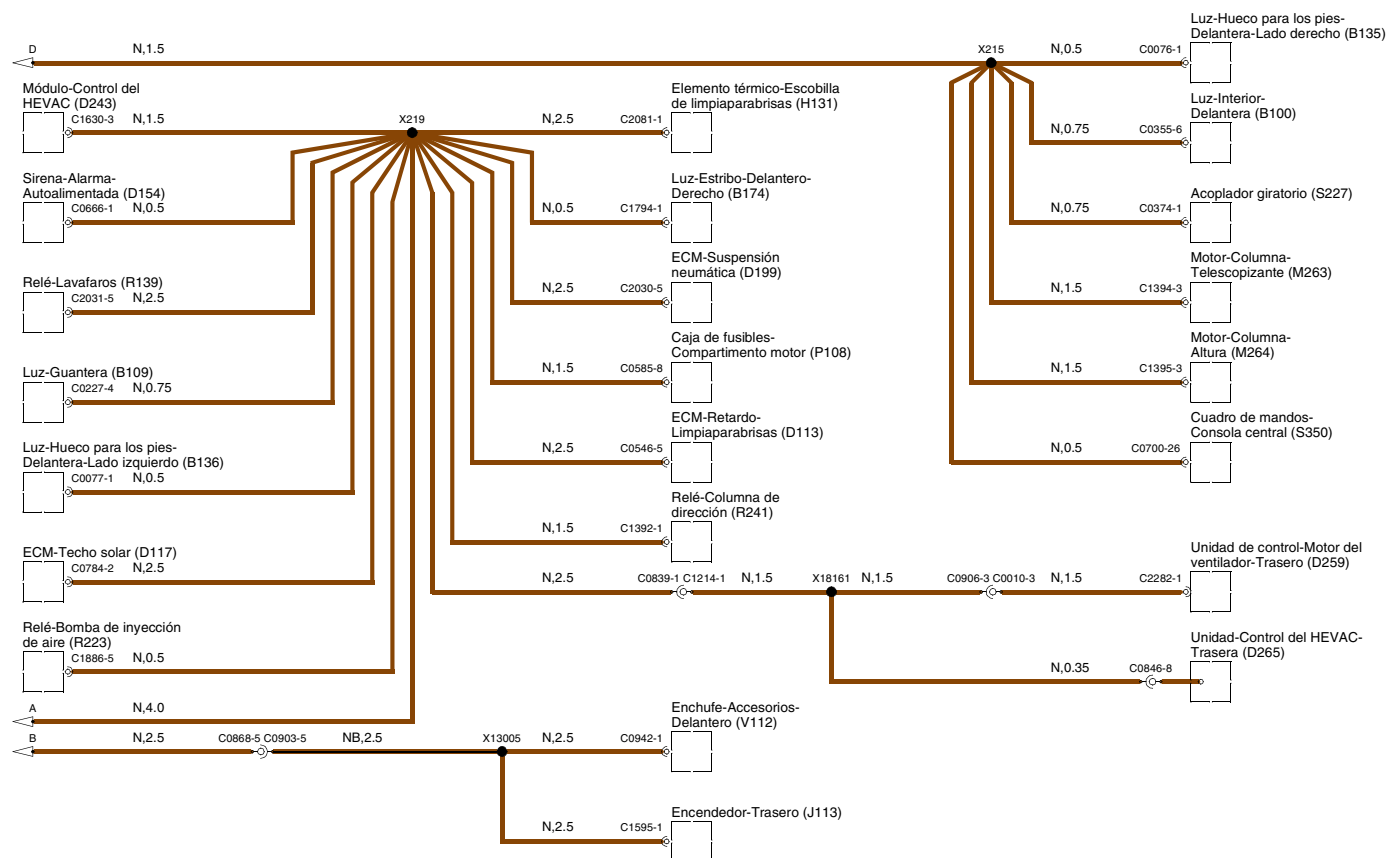


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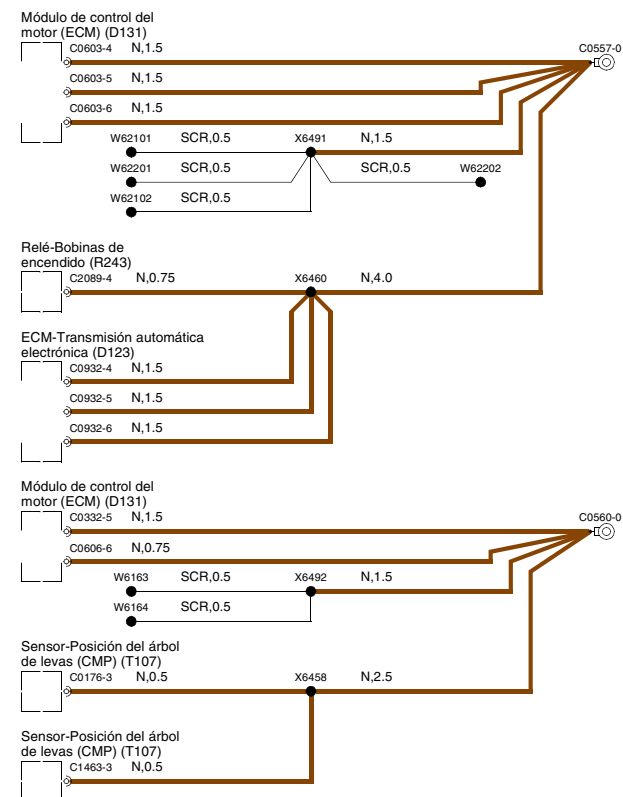
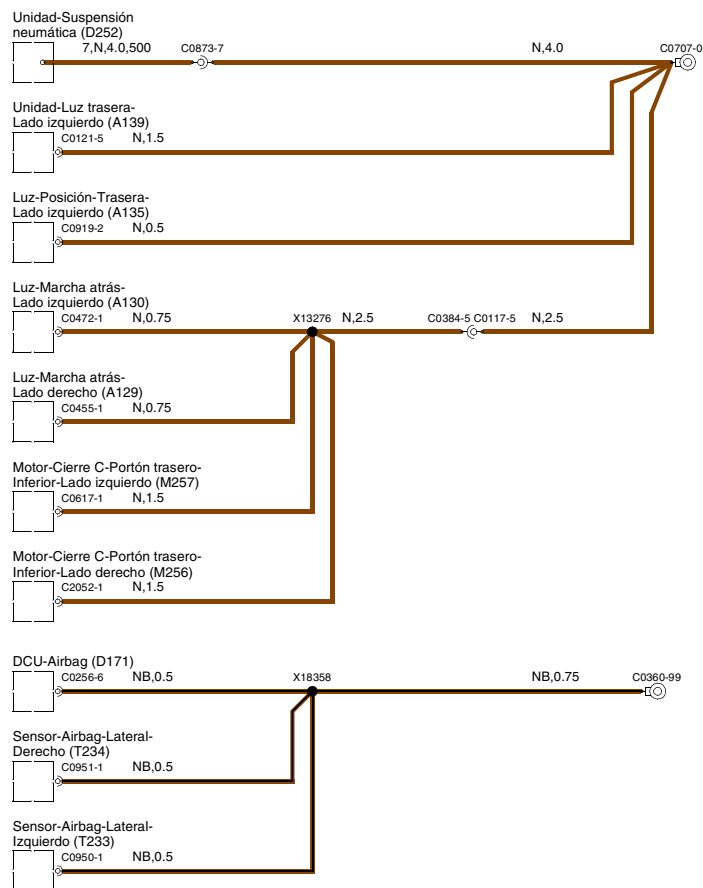




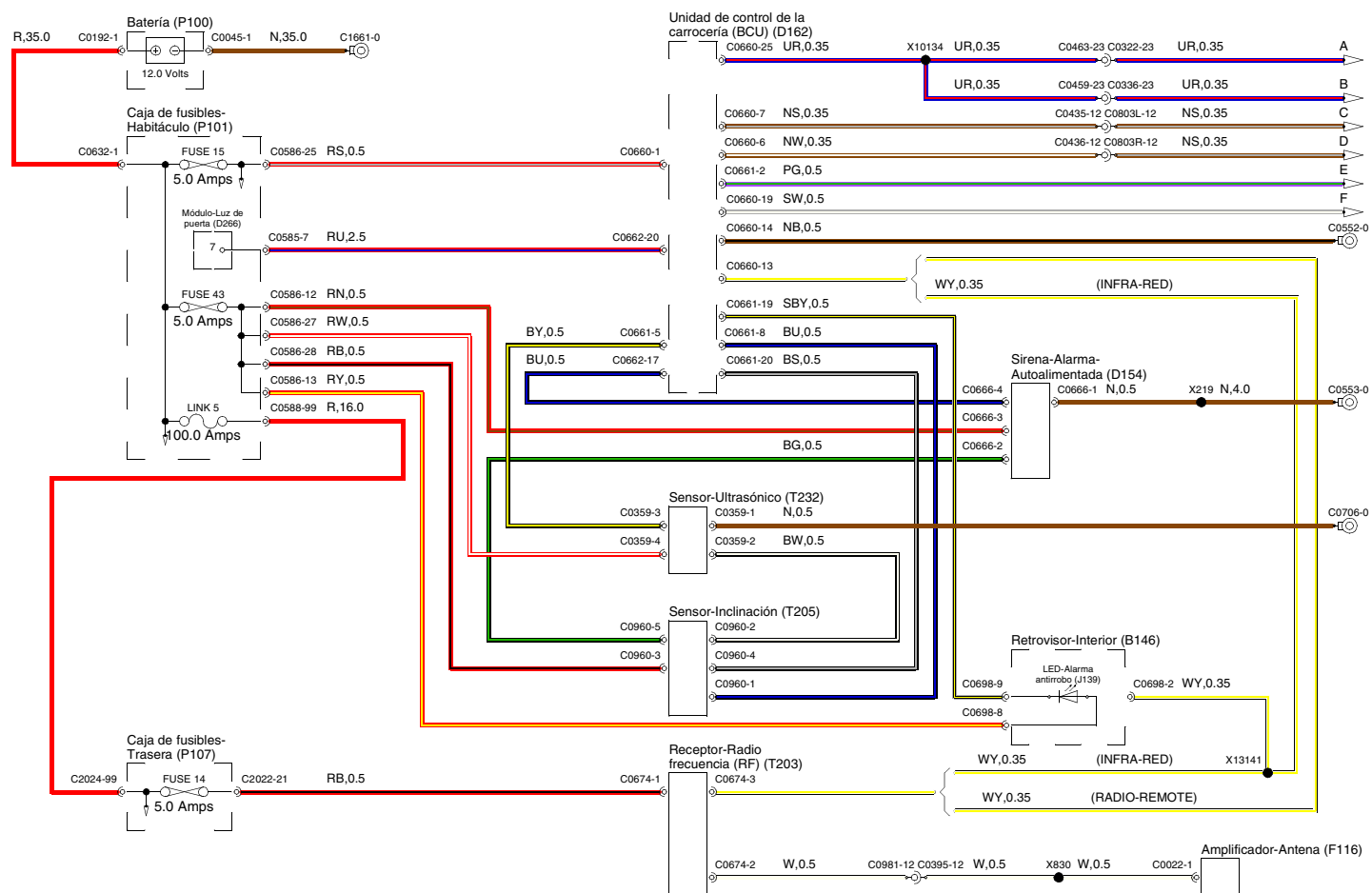
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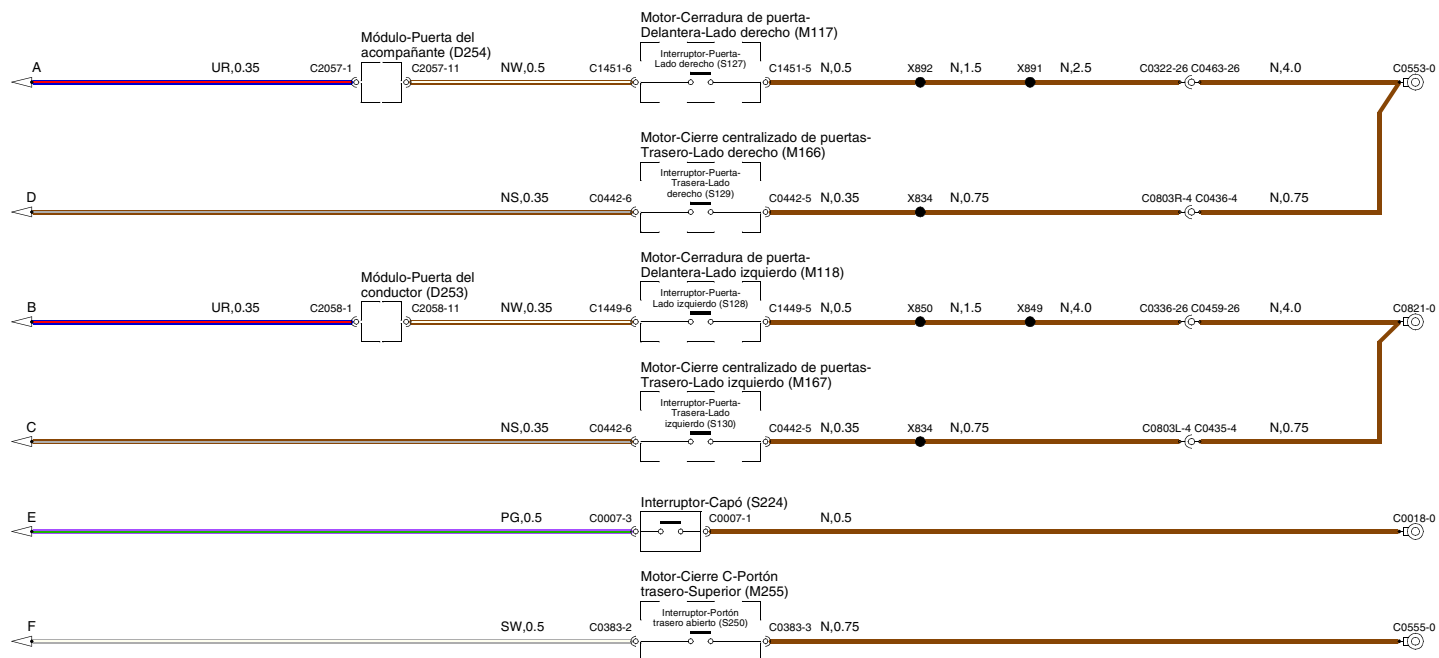
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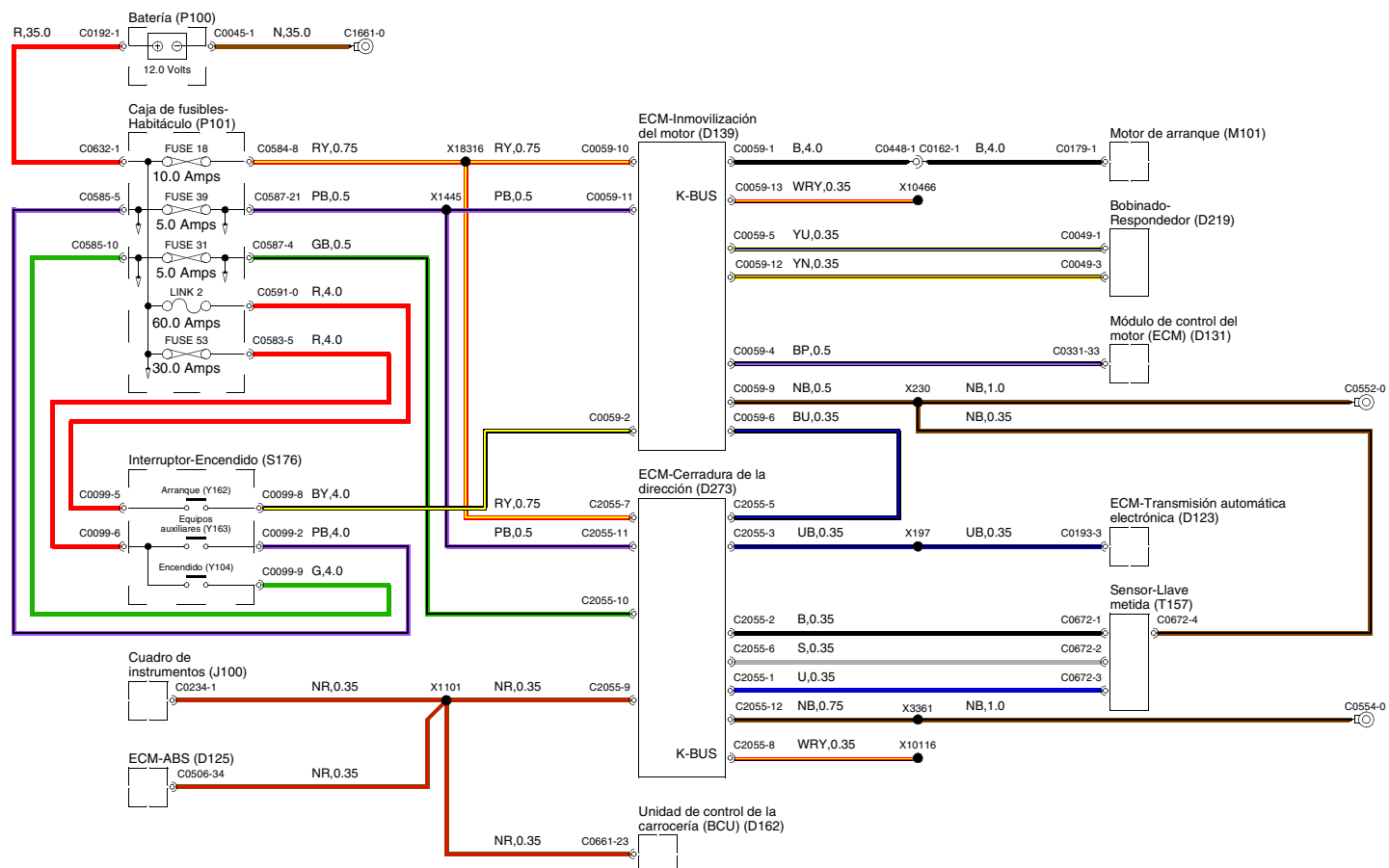


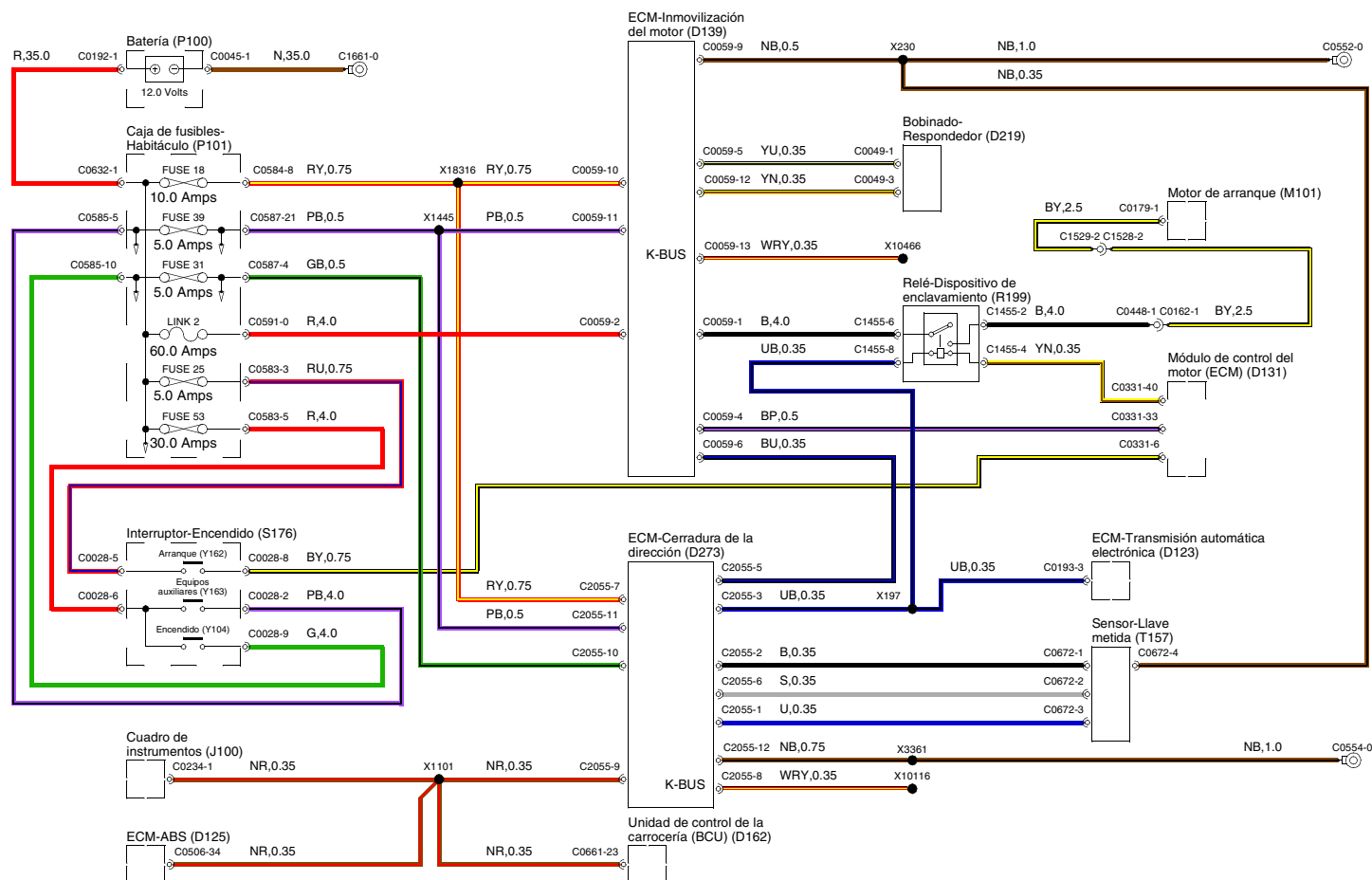
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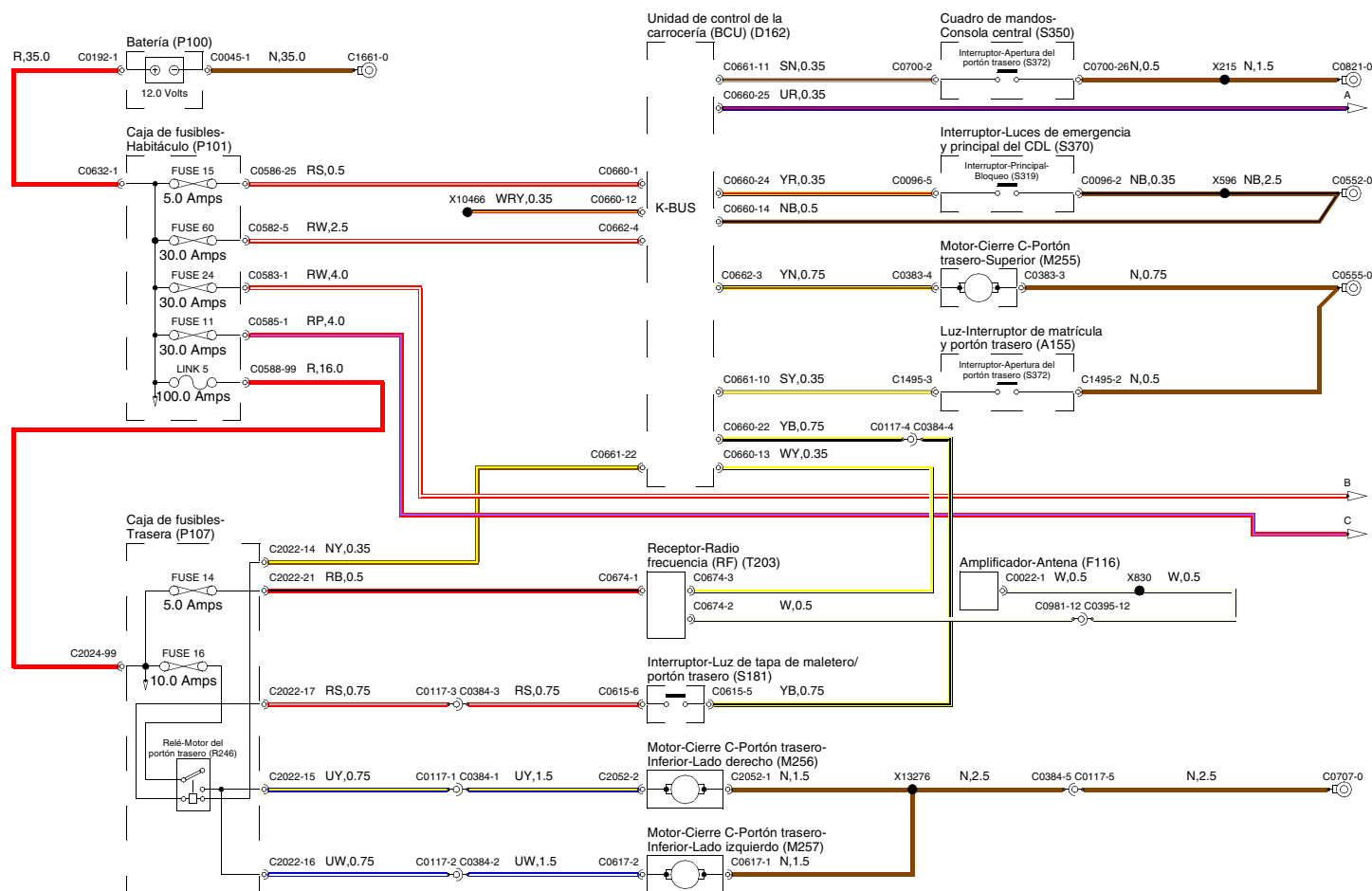
3 ALARMA ANTIRROBO



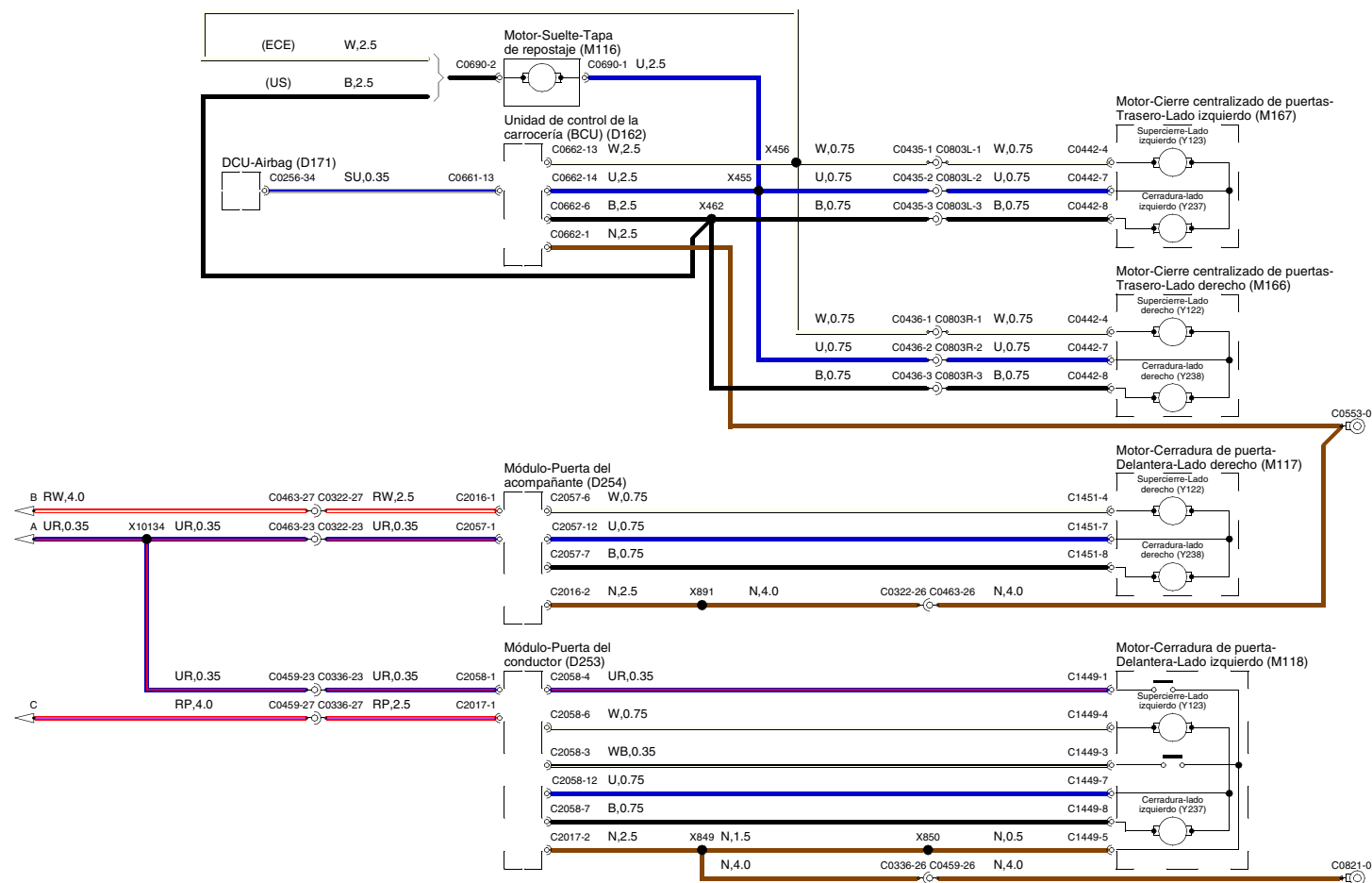


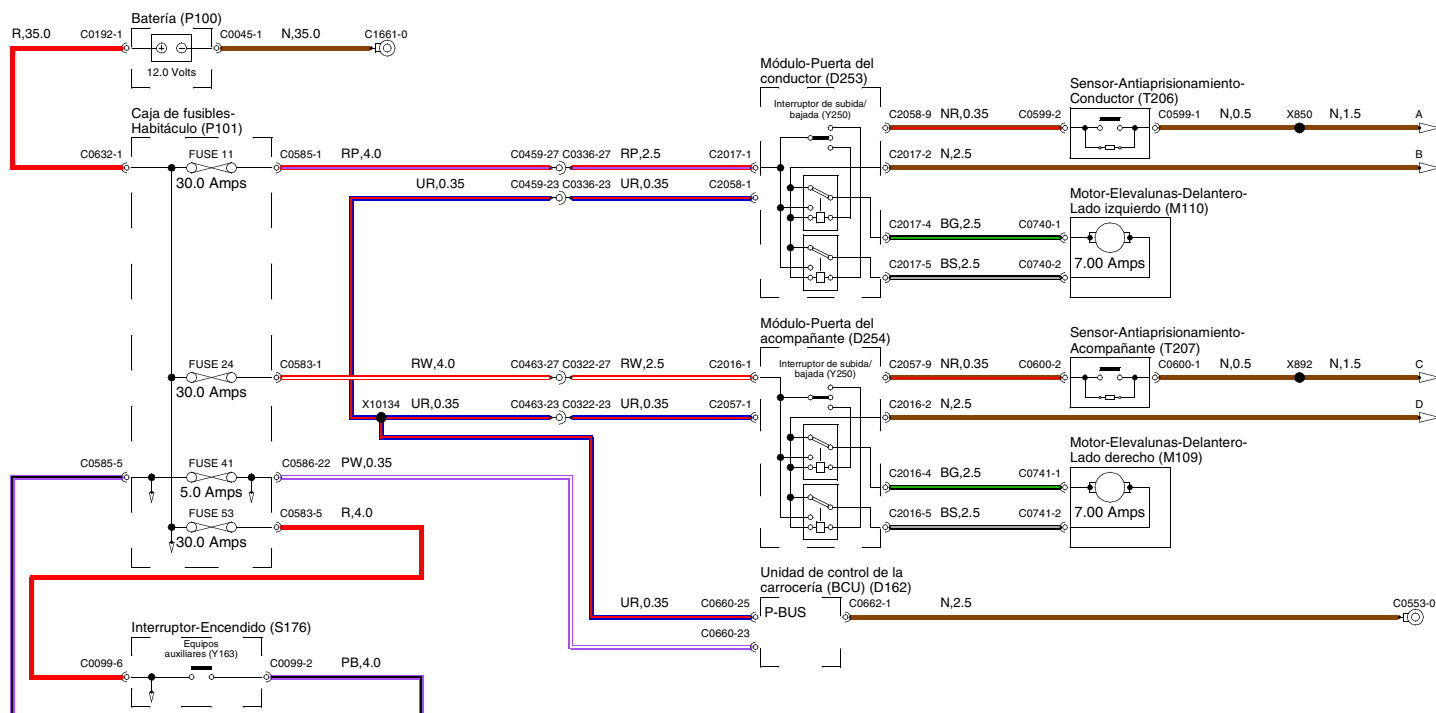


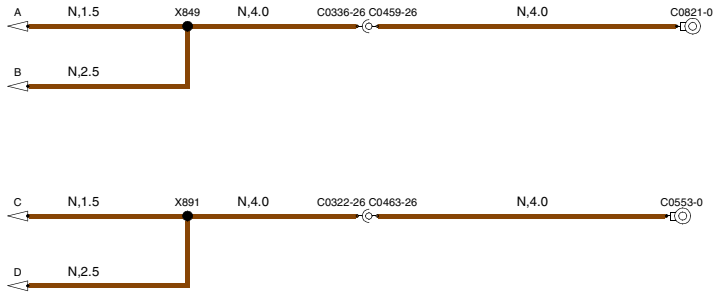
4 CIERRE CENTRALIZADO DE PUERTAS

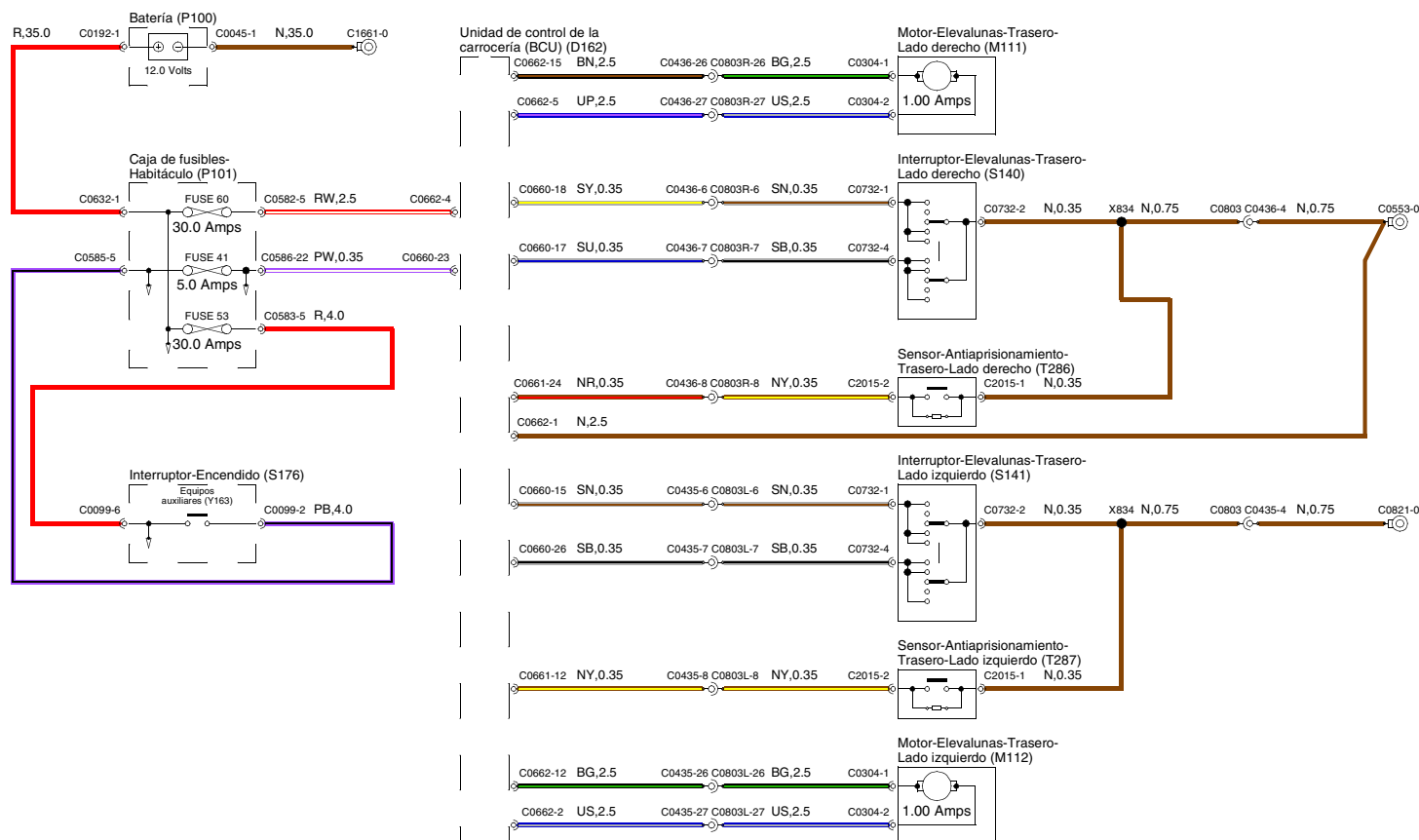


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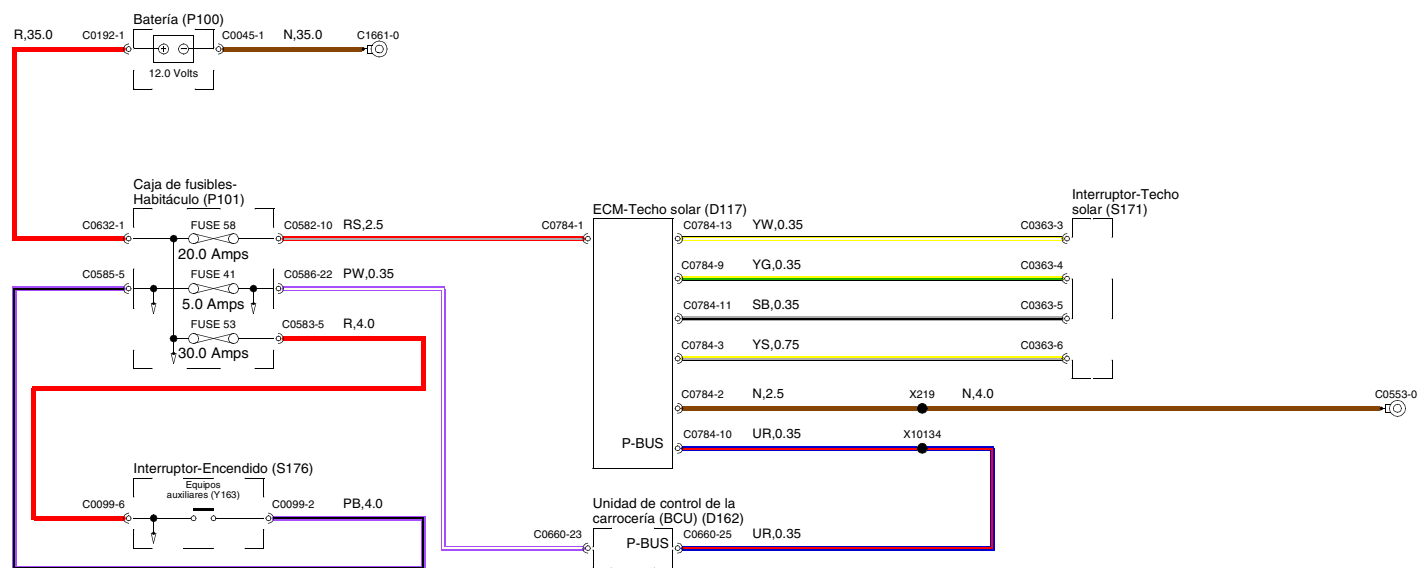




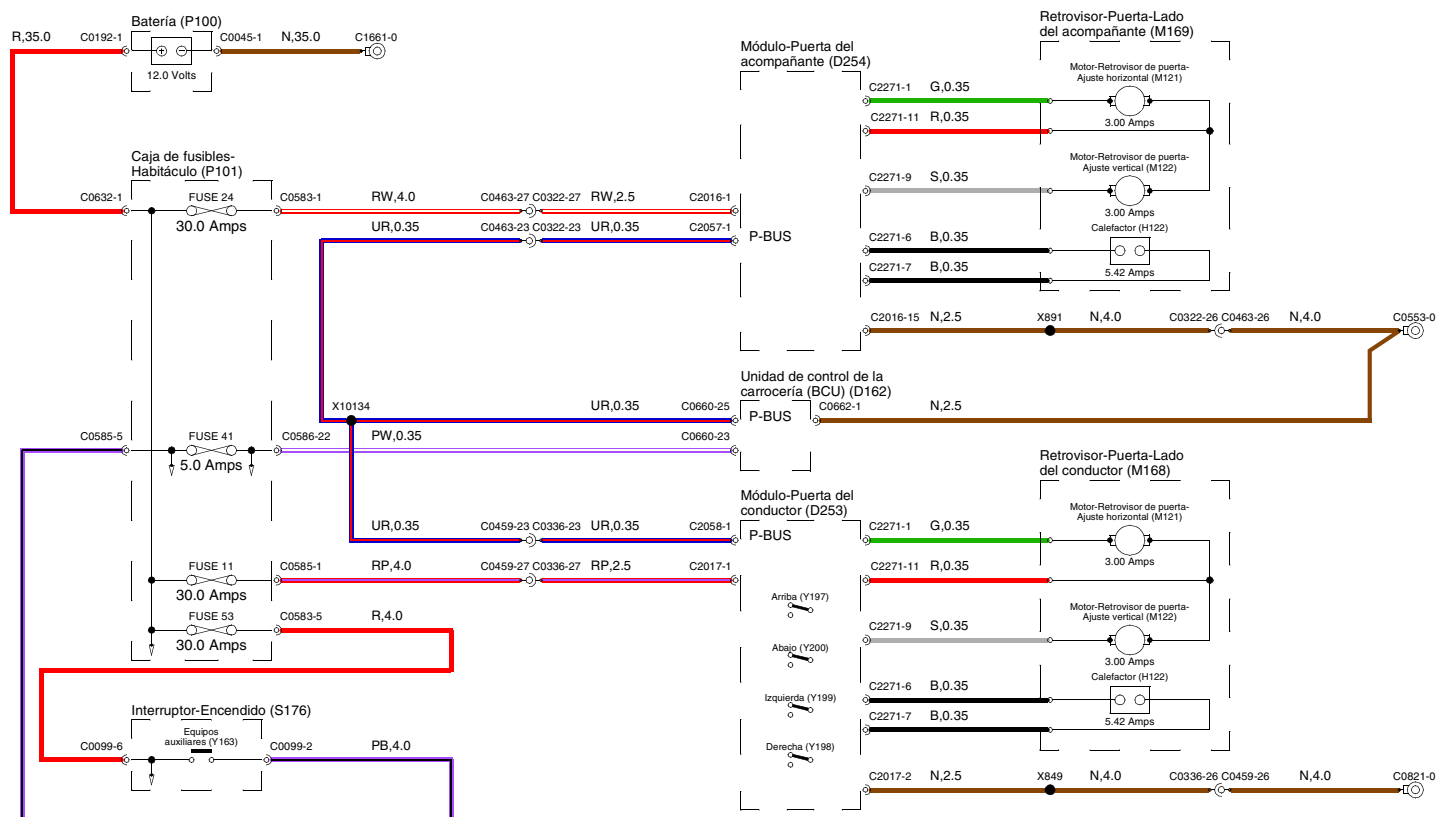


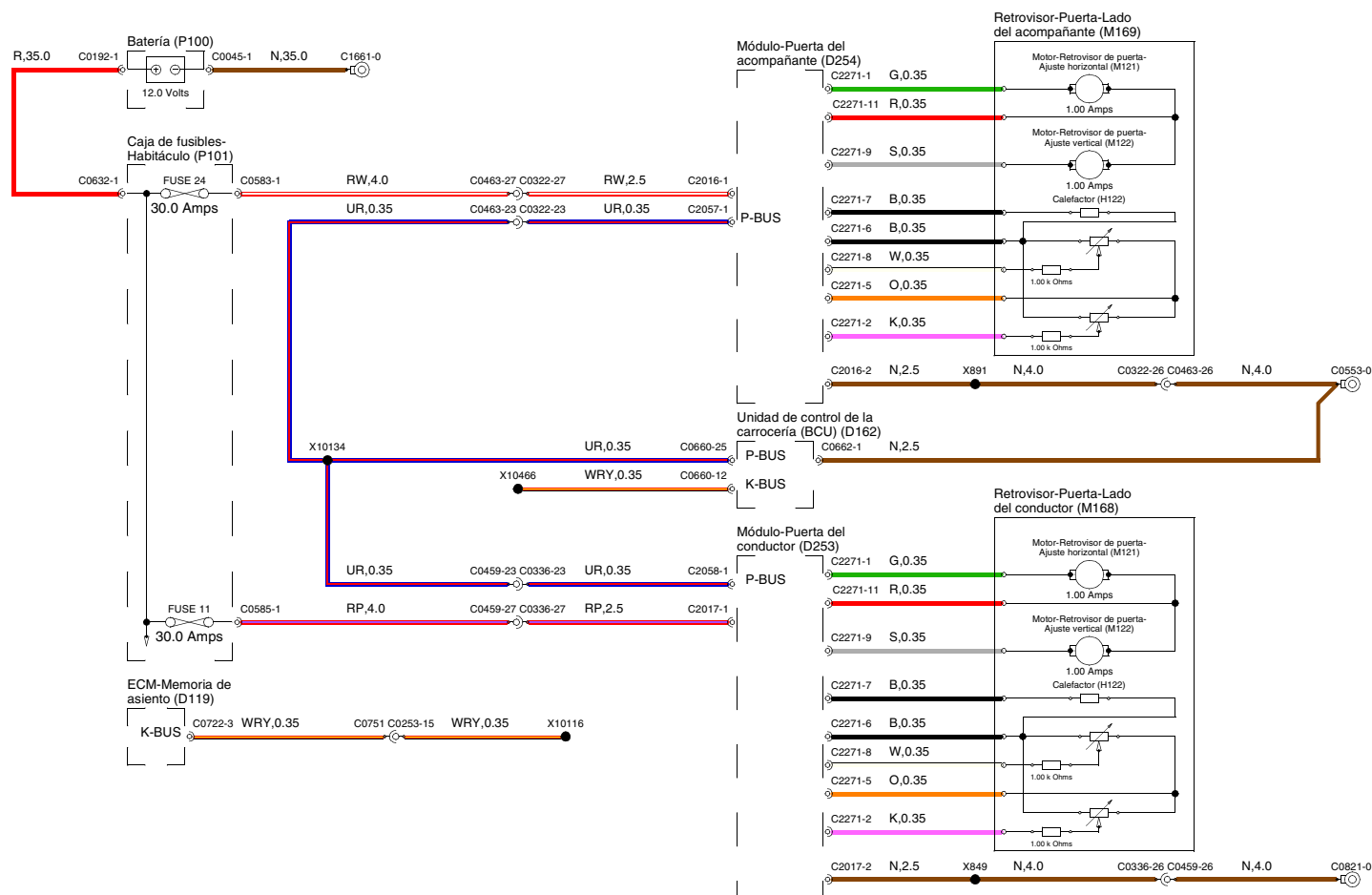


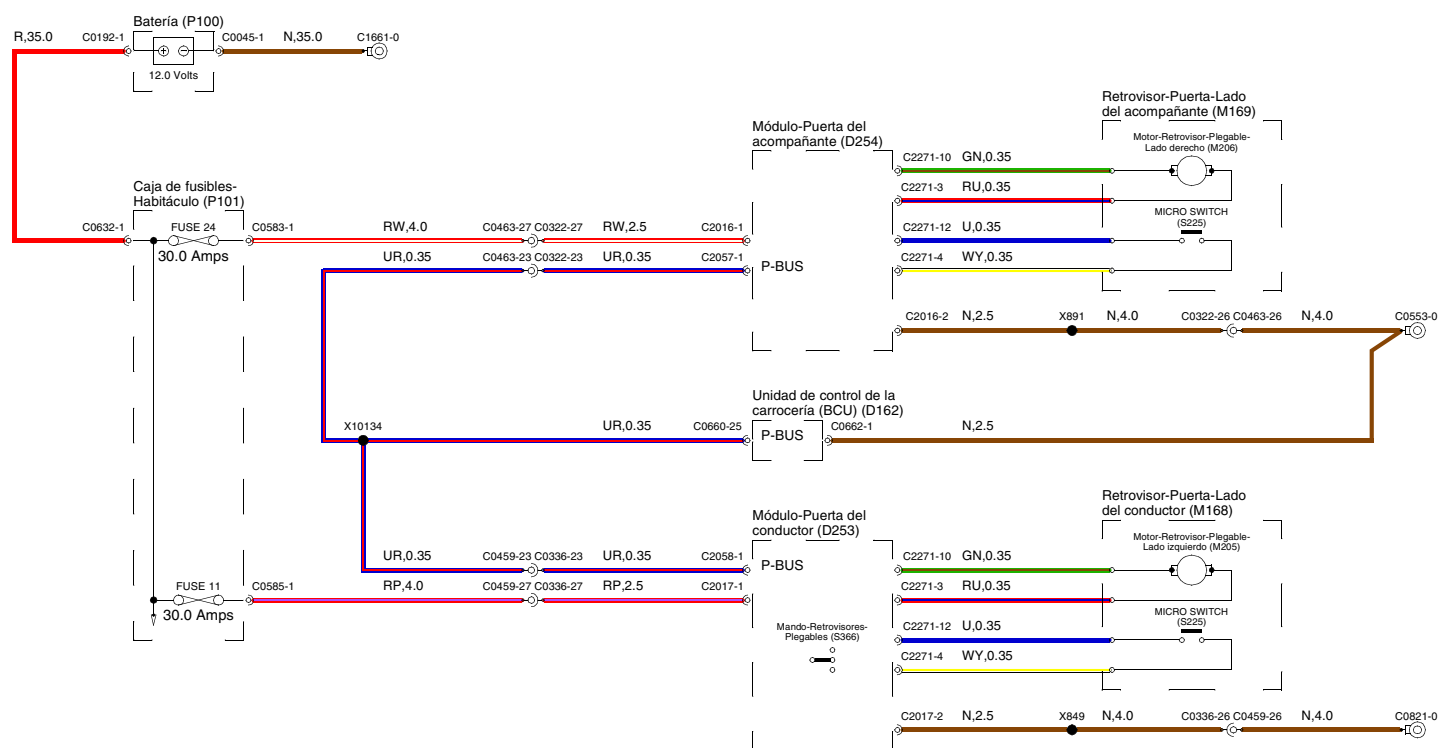
6 TECHO SOLAR

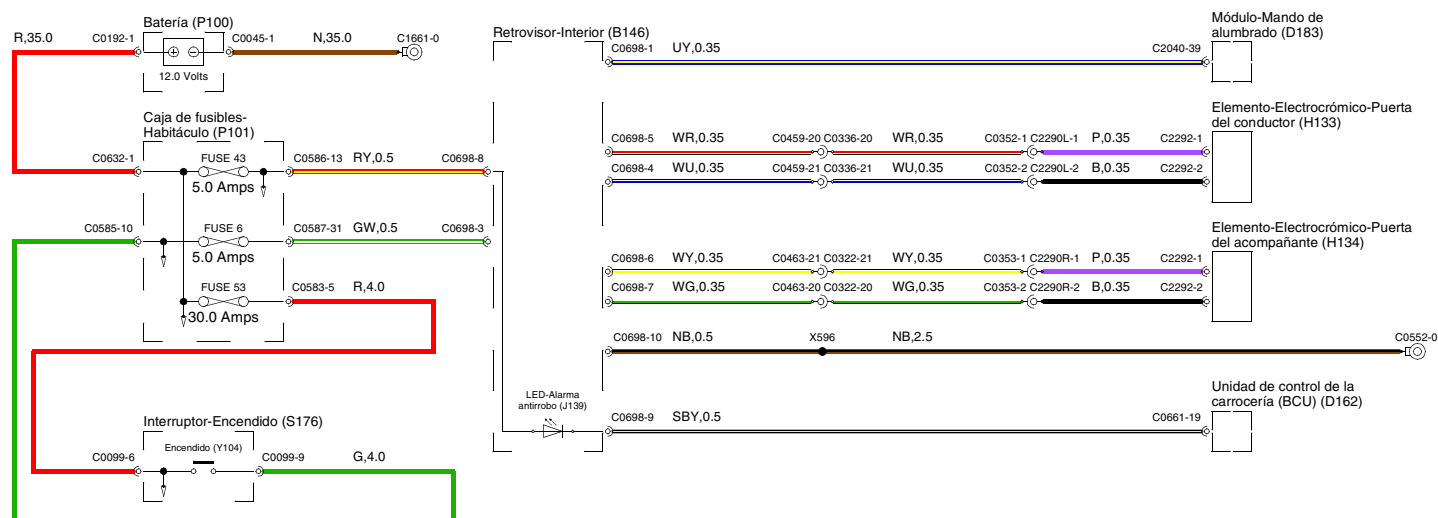


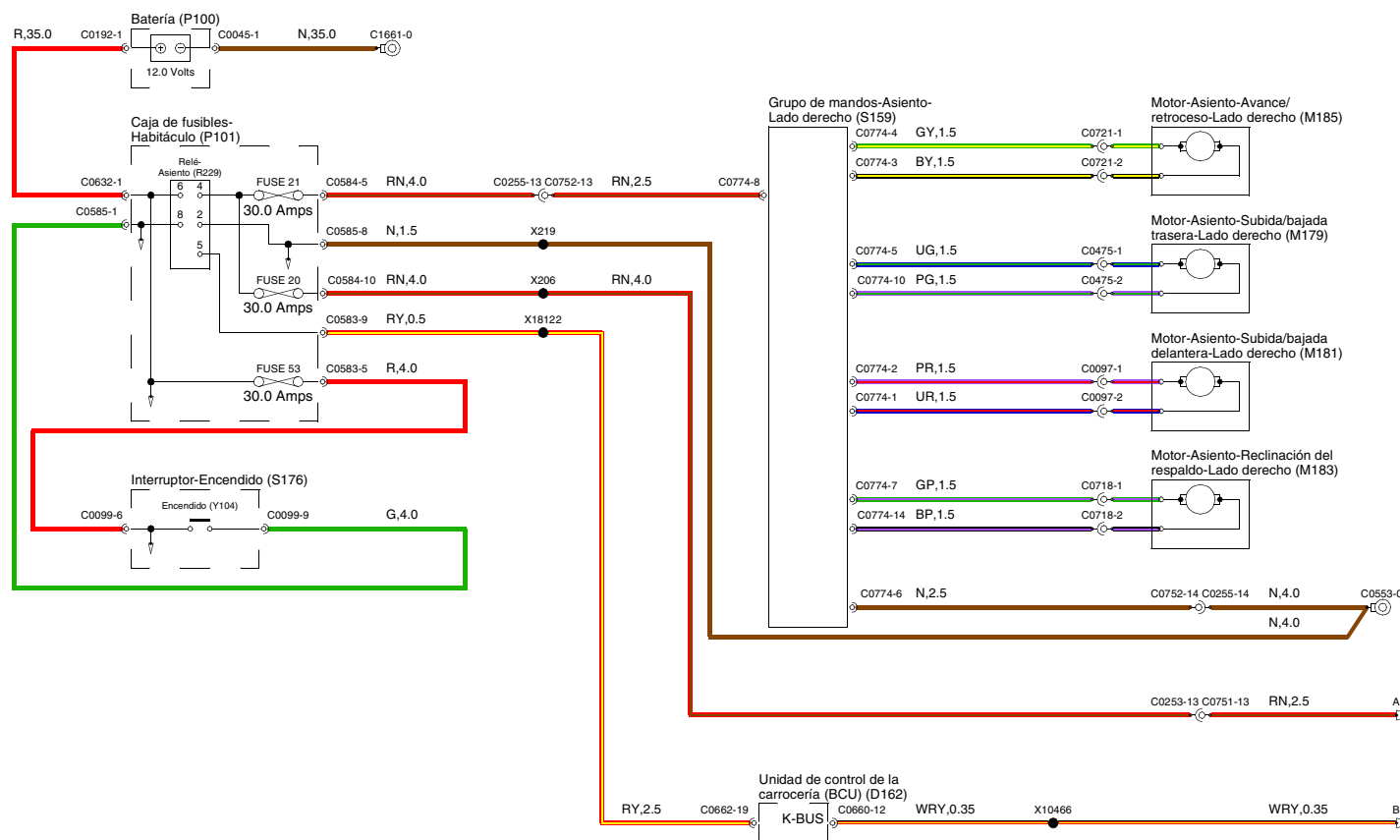
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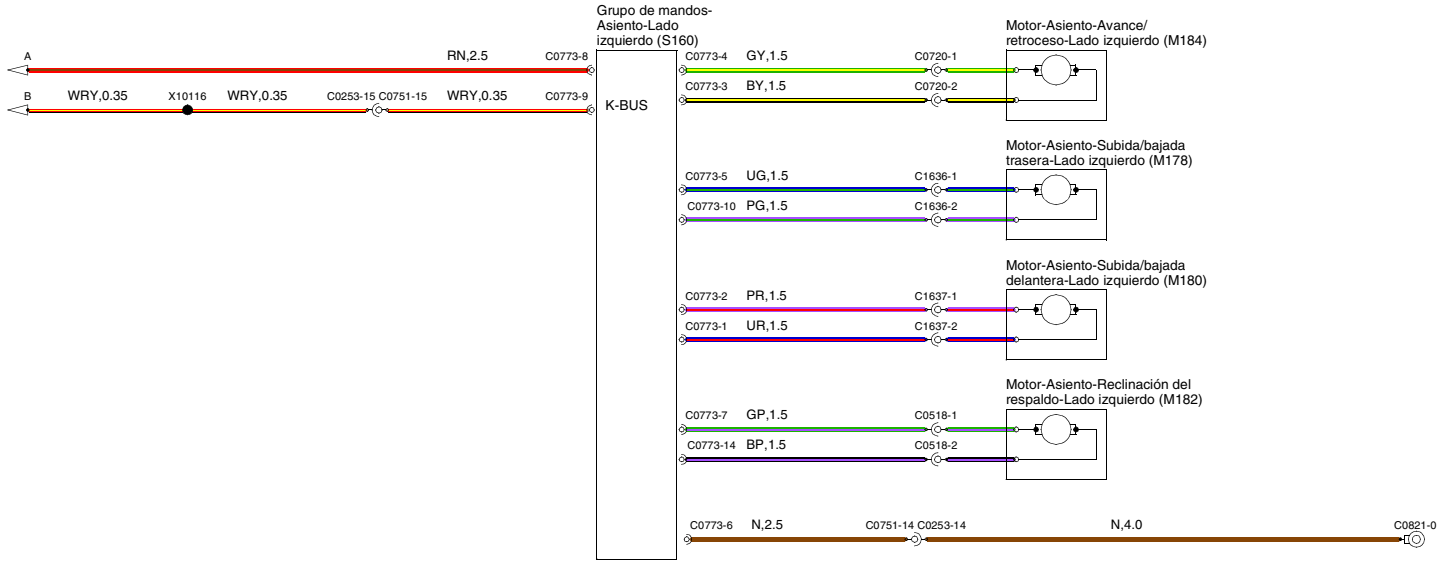


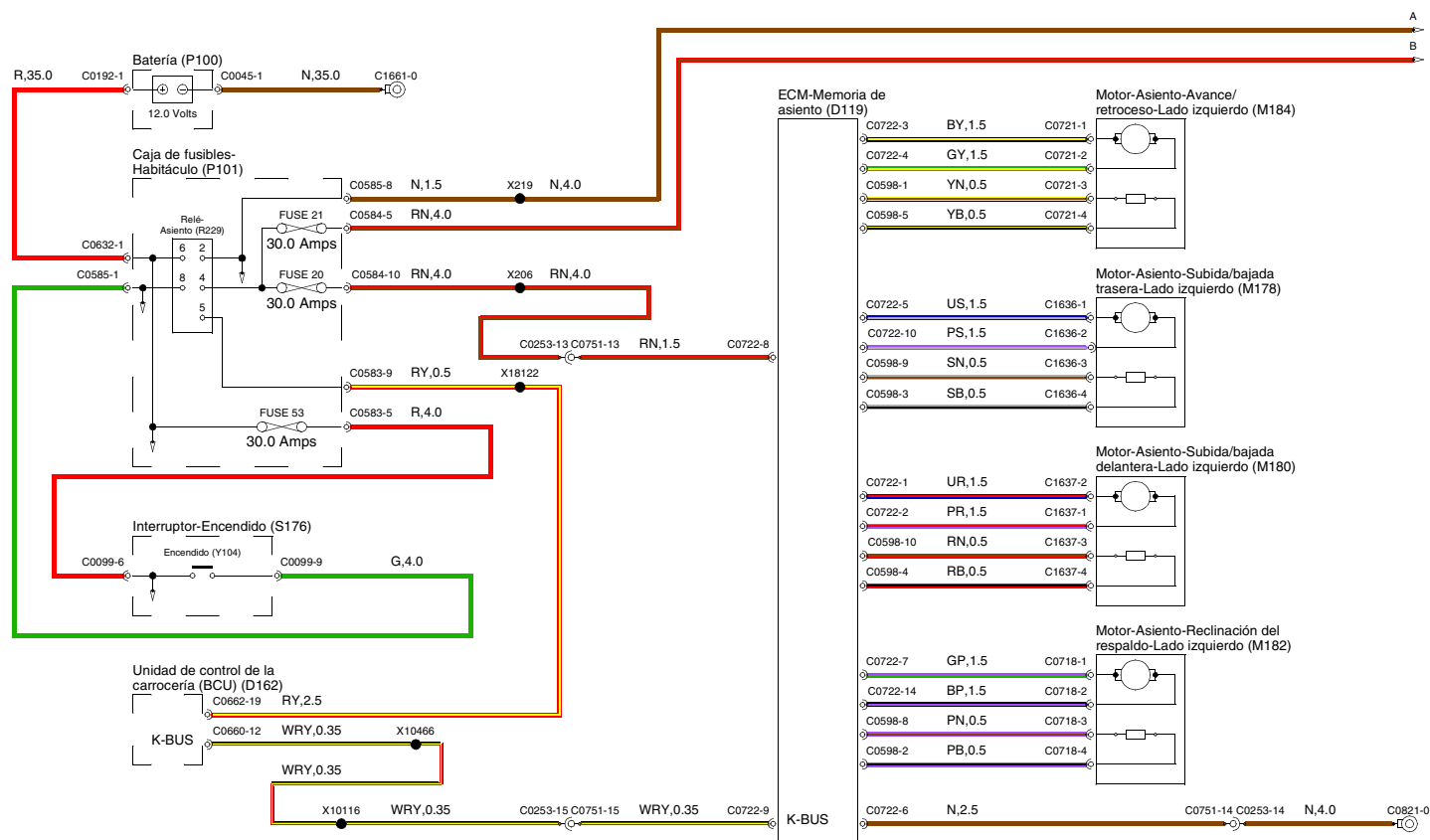


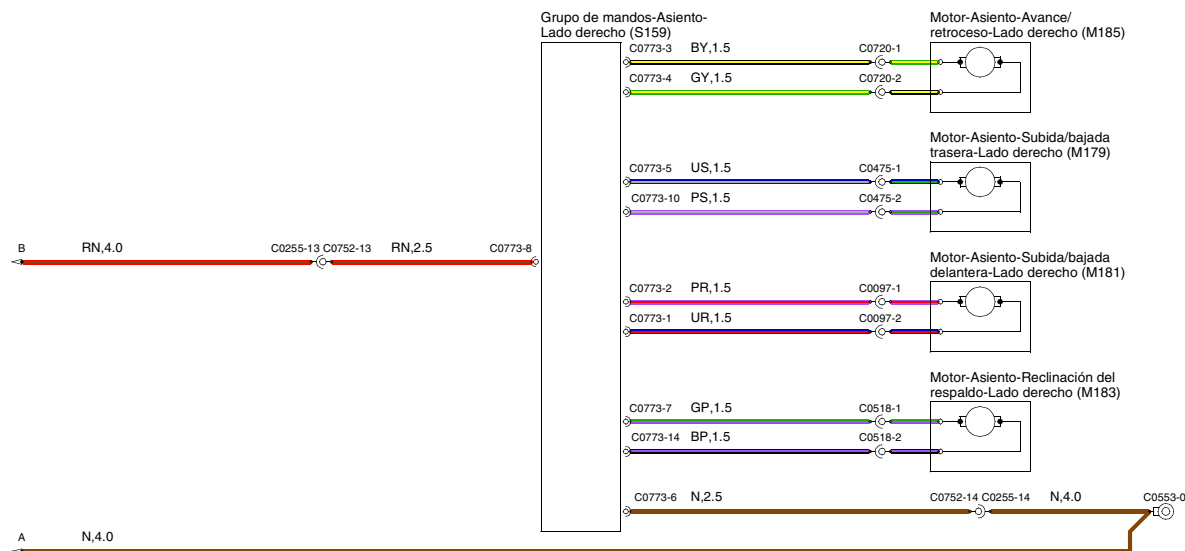


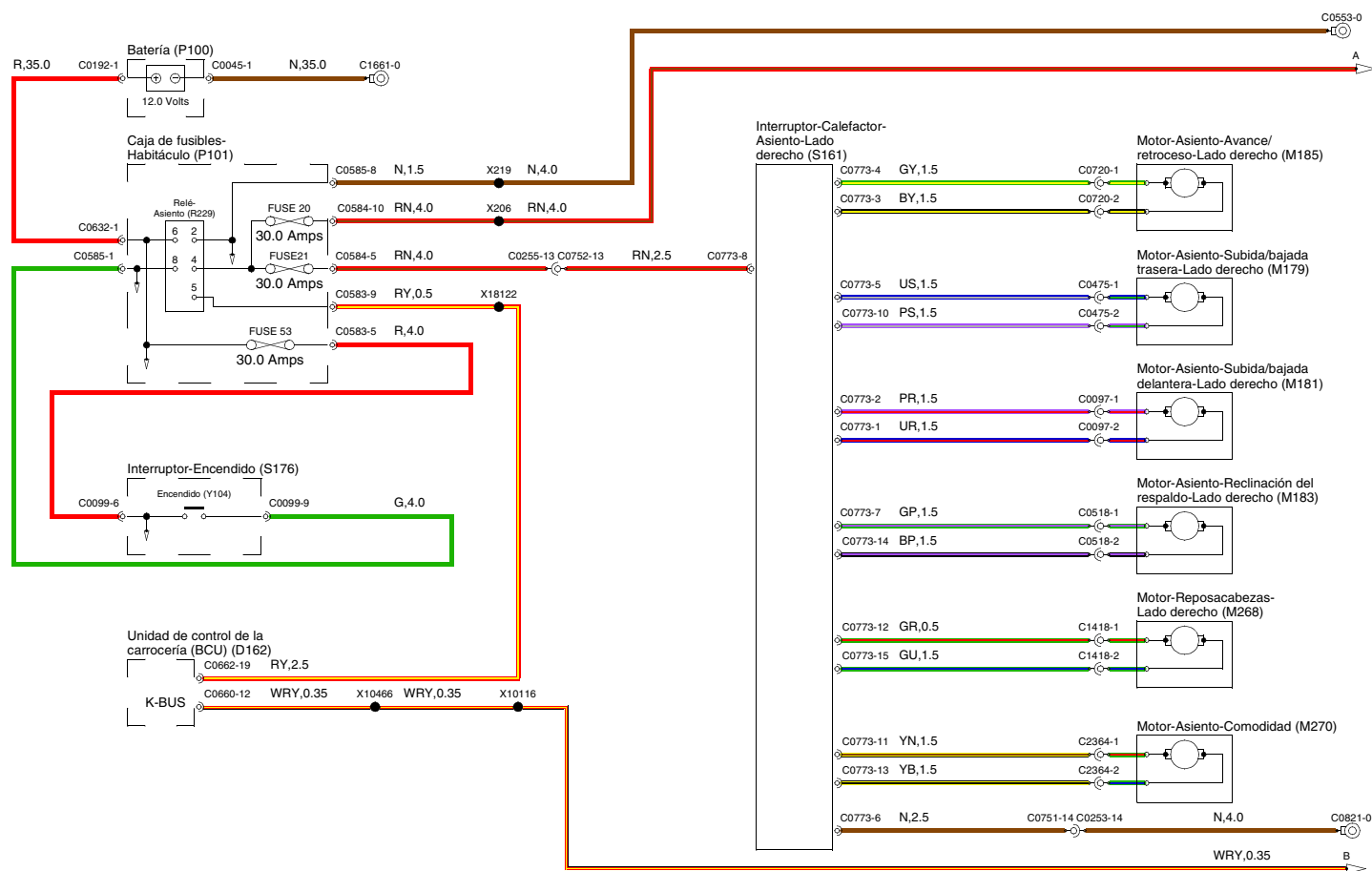


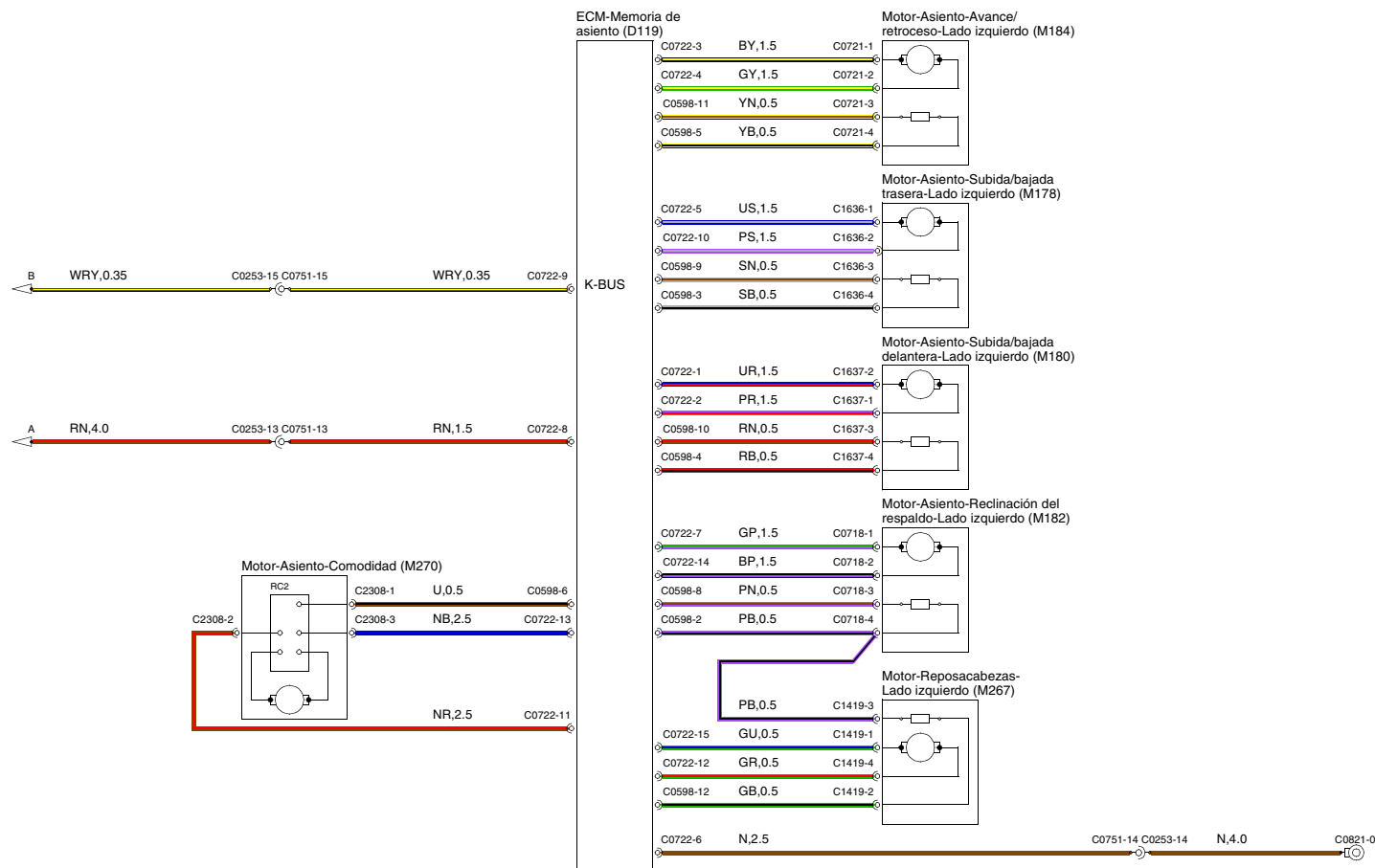


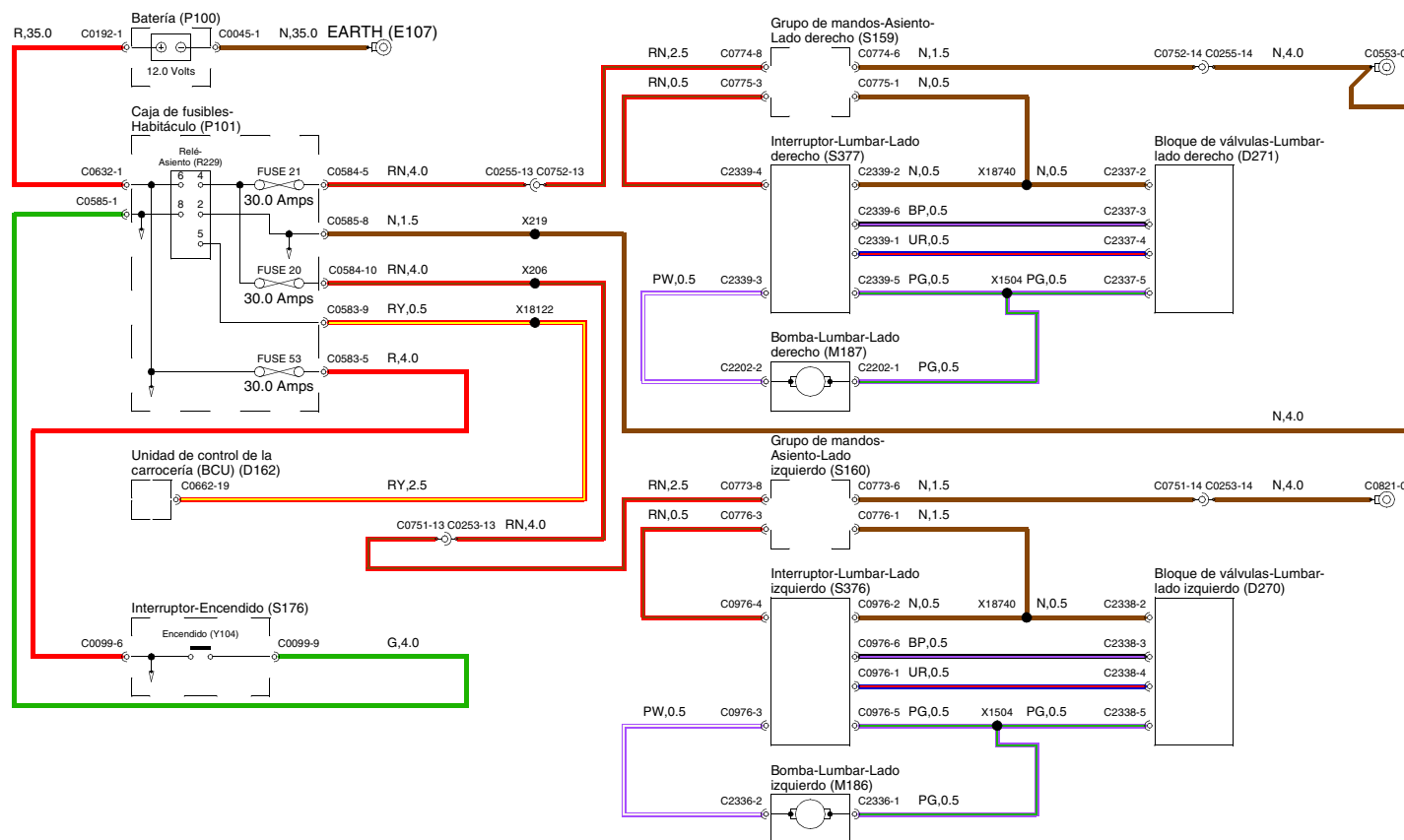


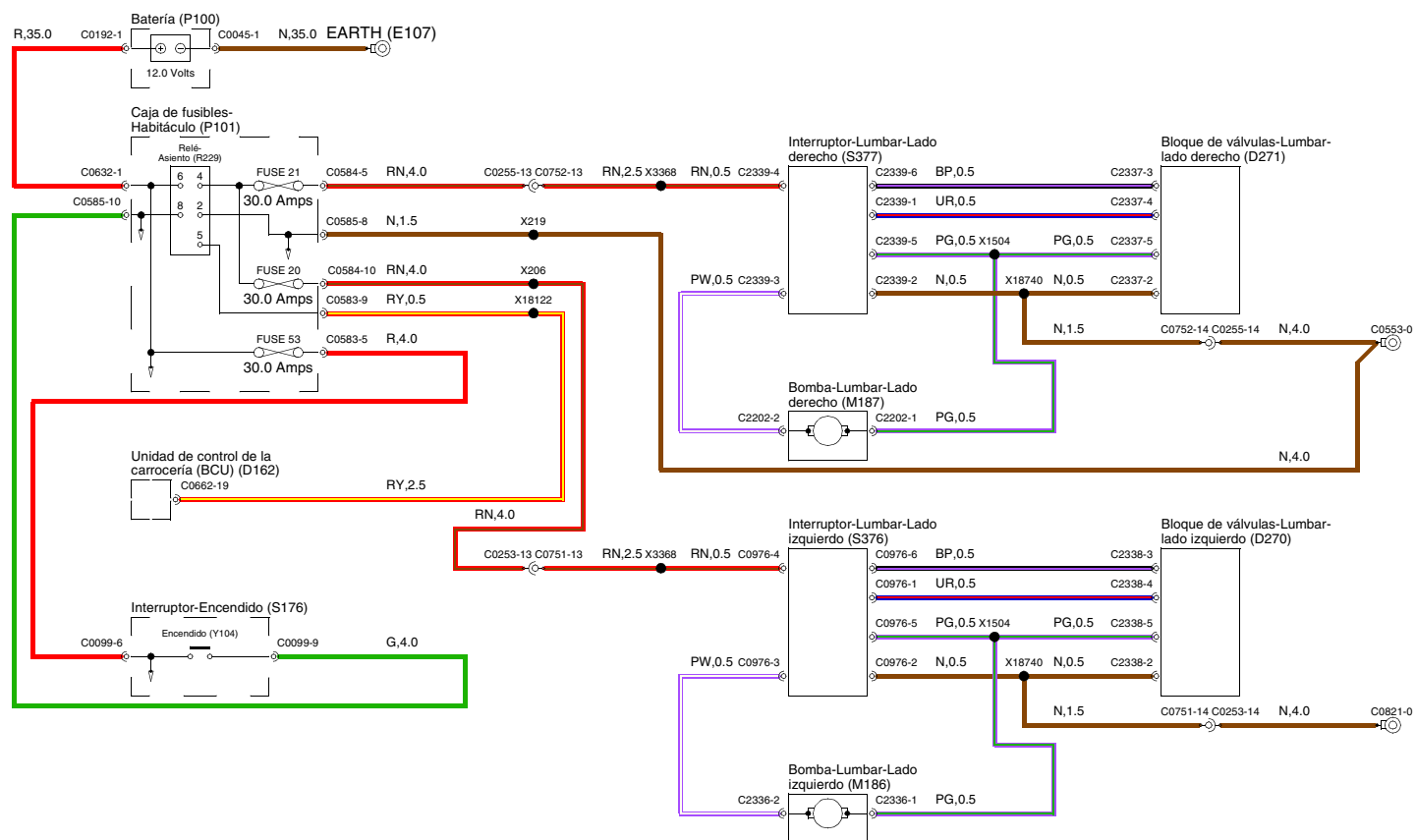


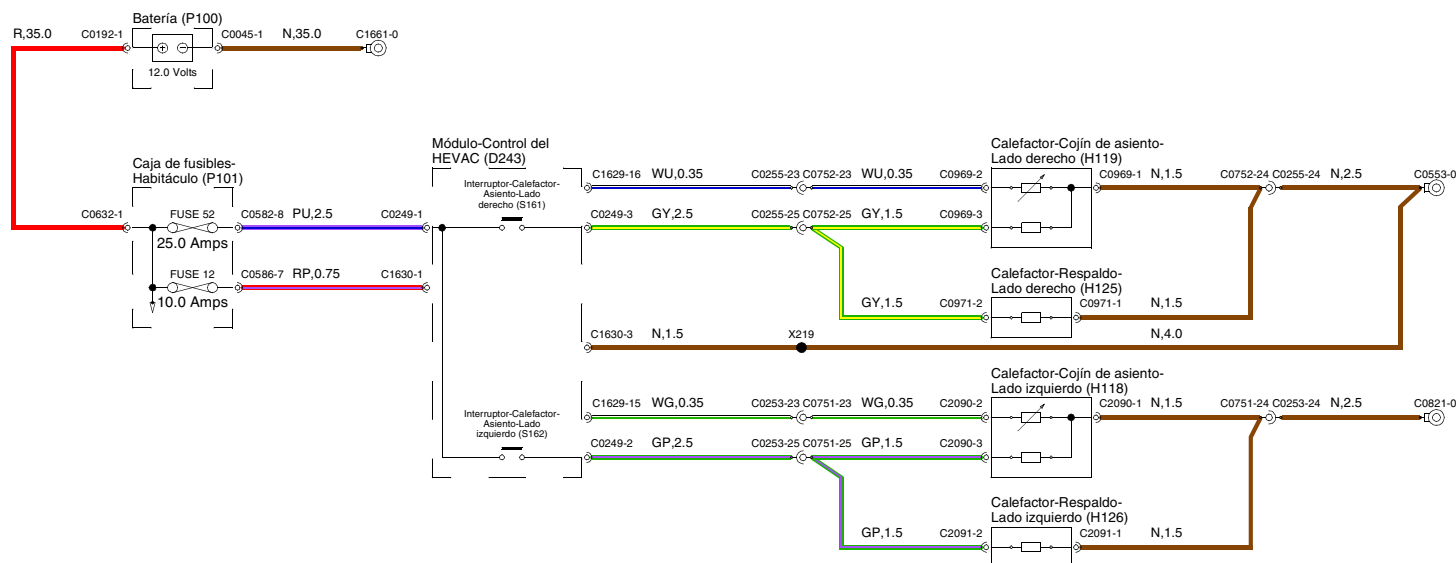


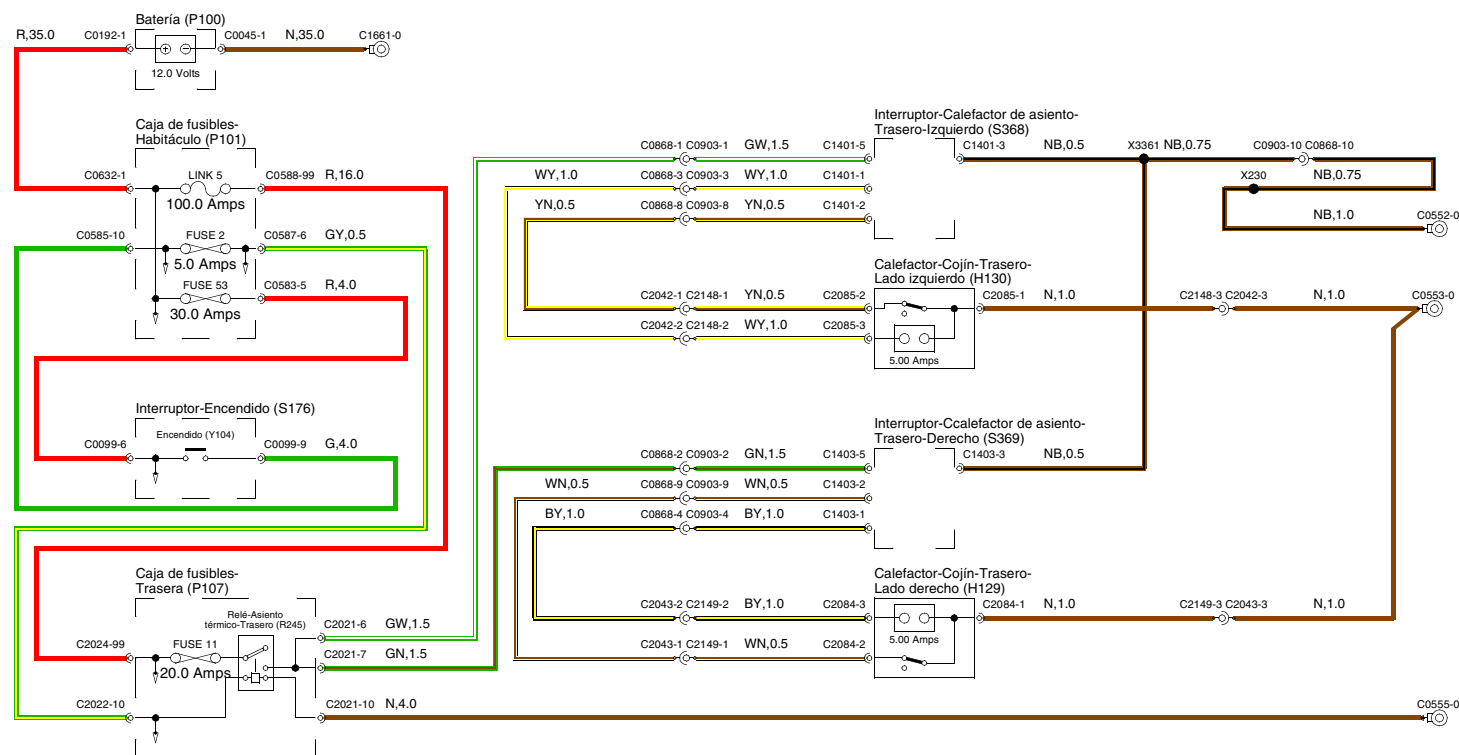


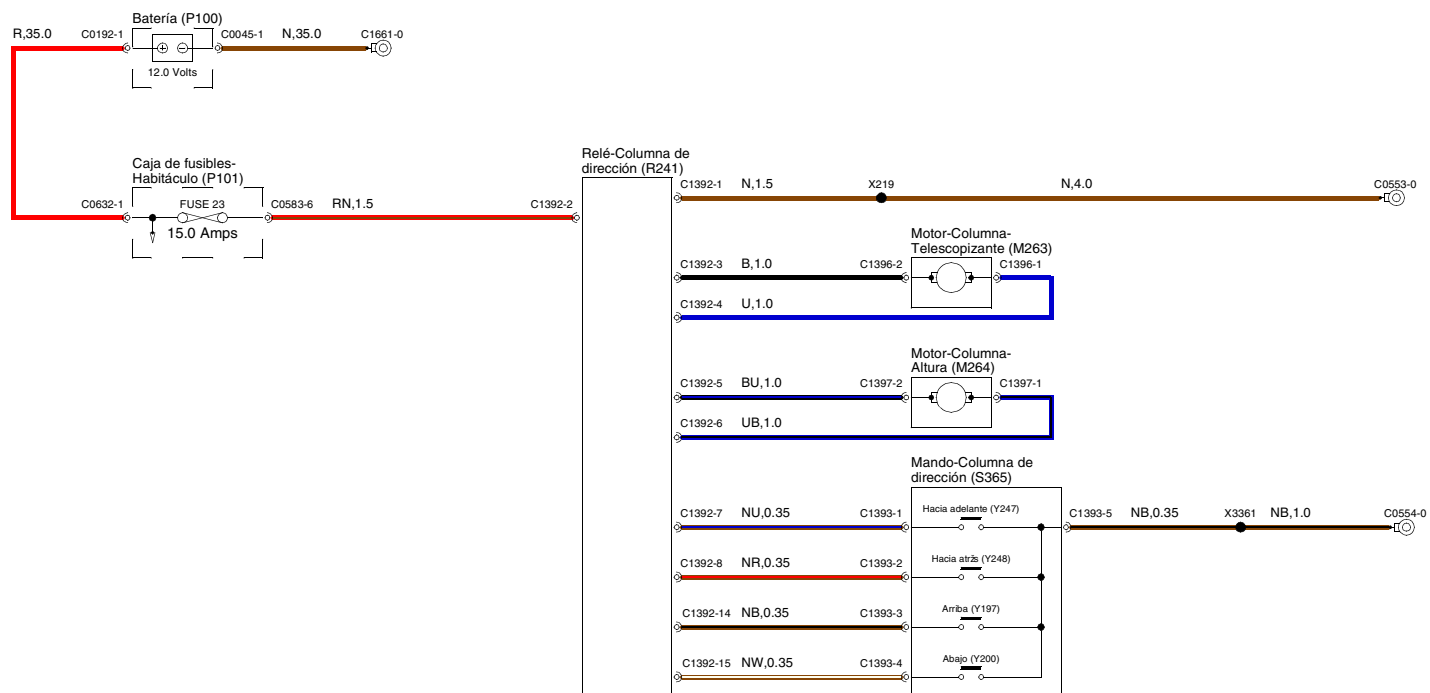


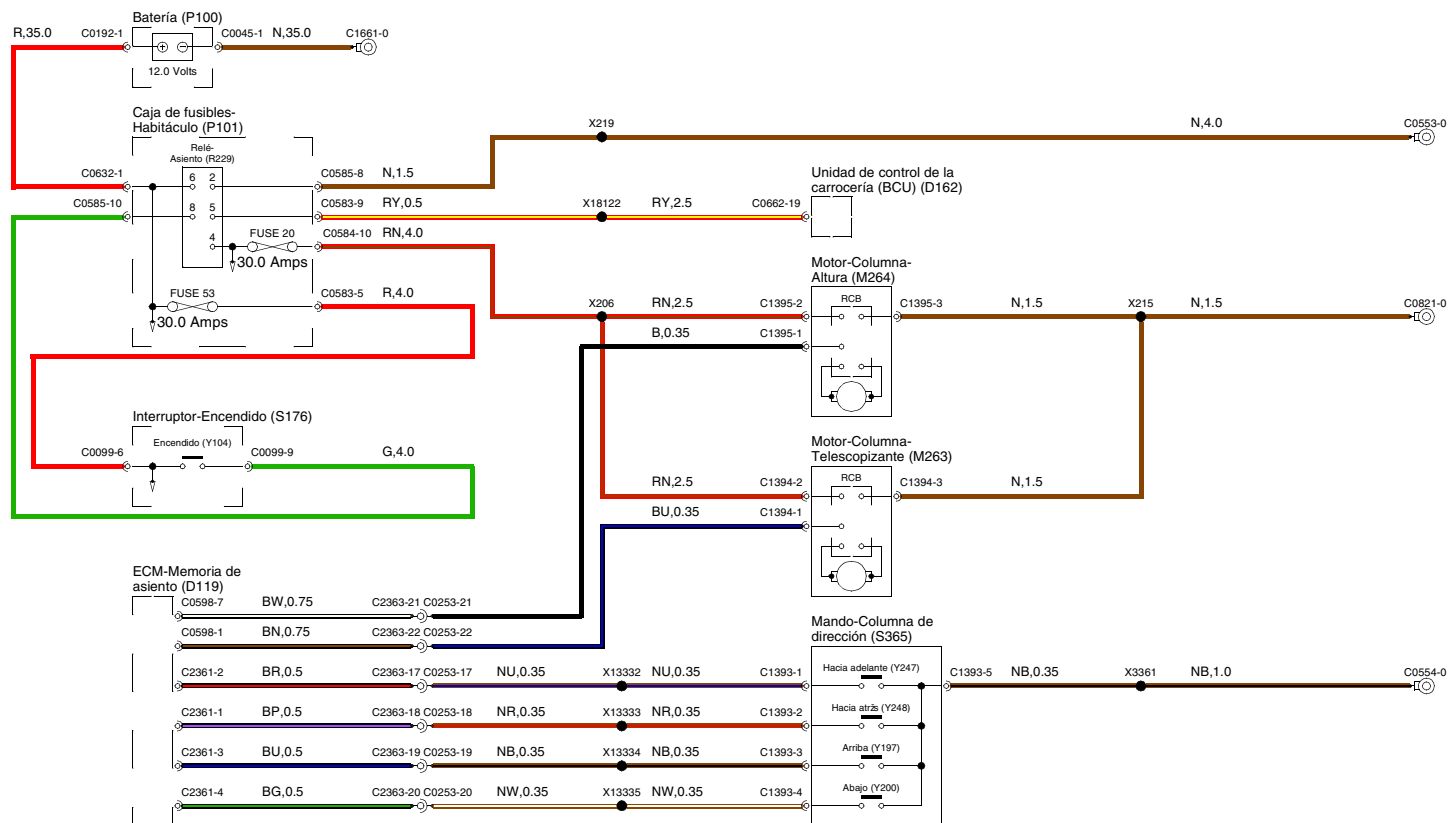


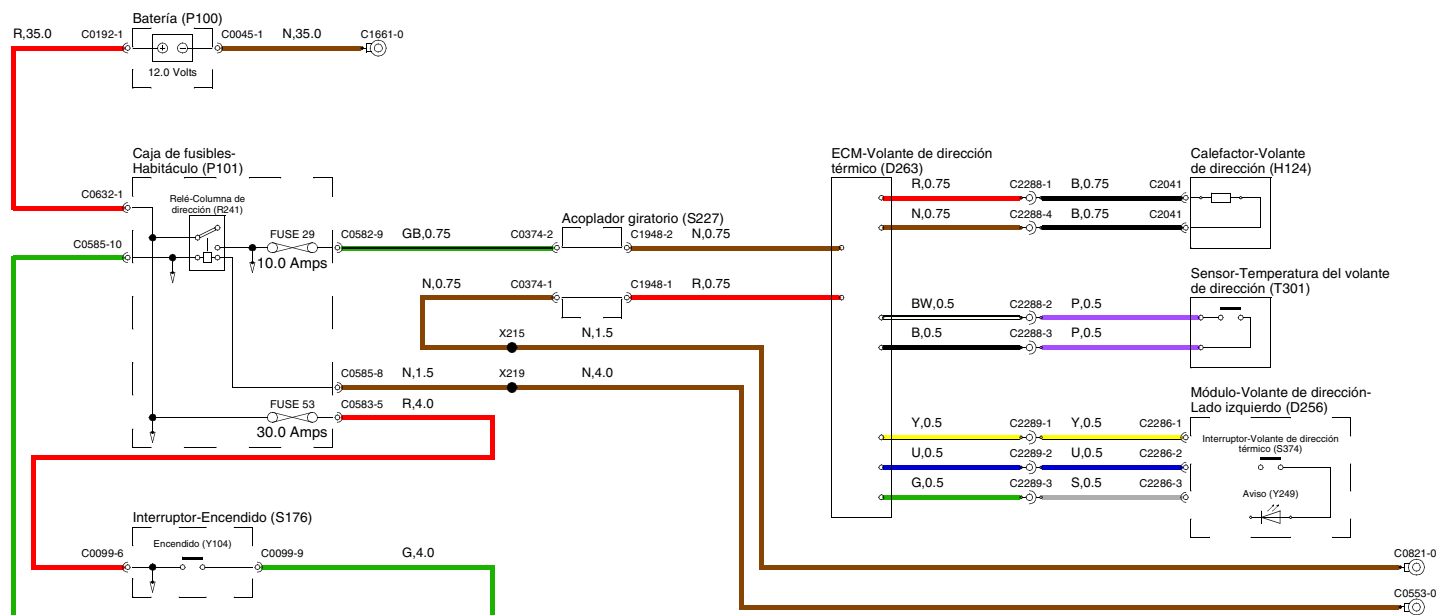






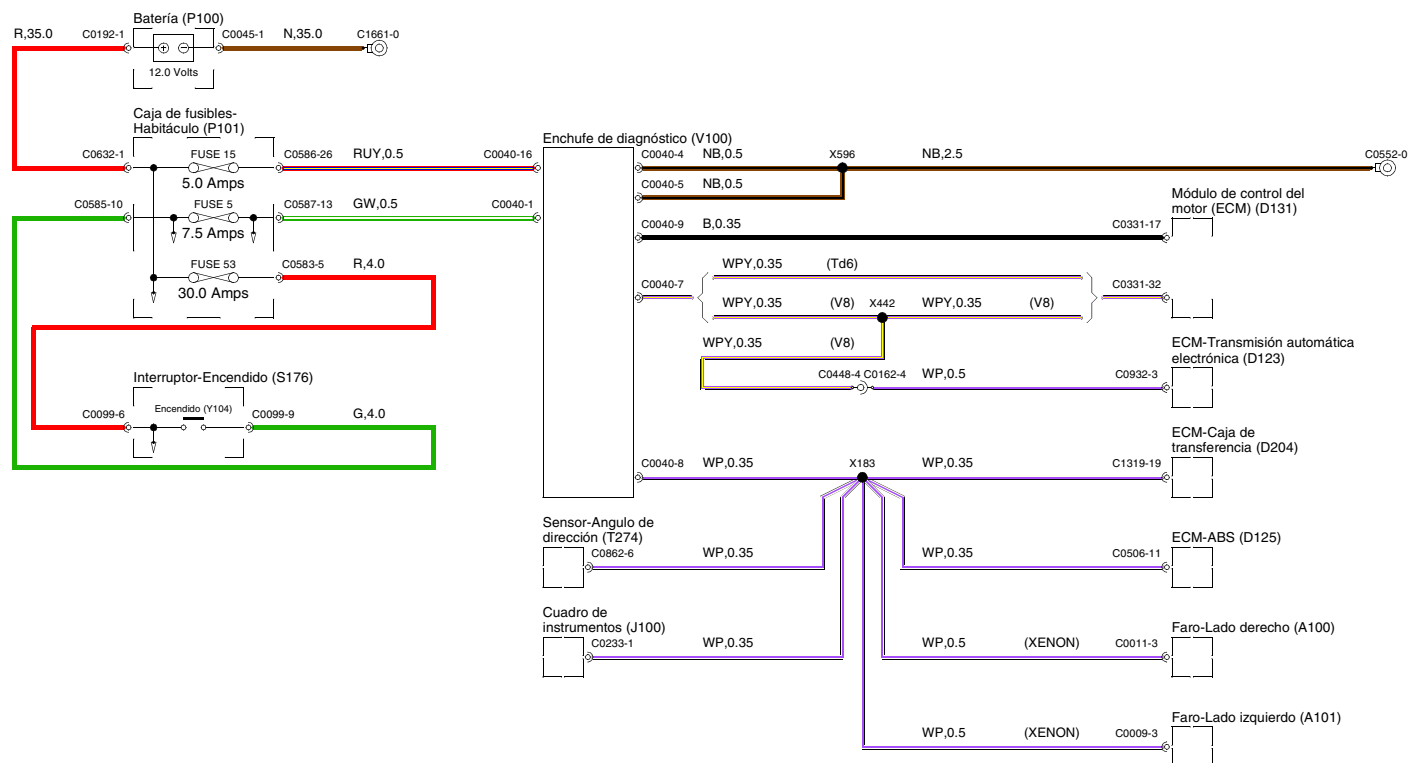




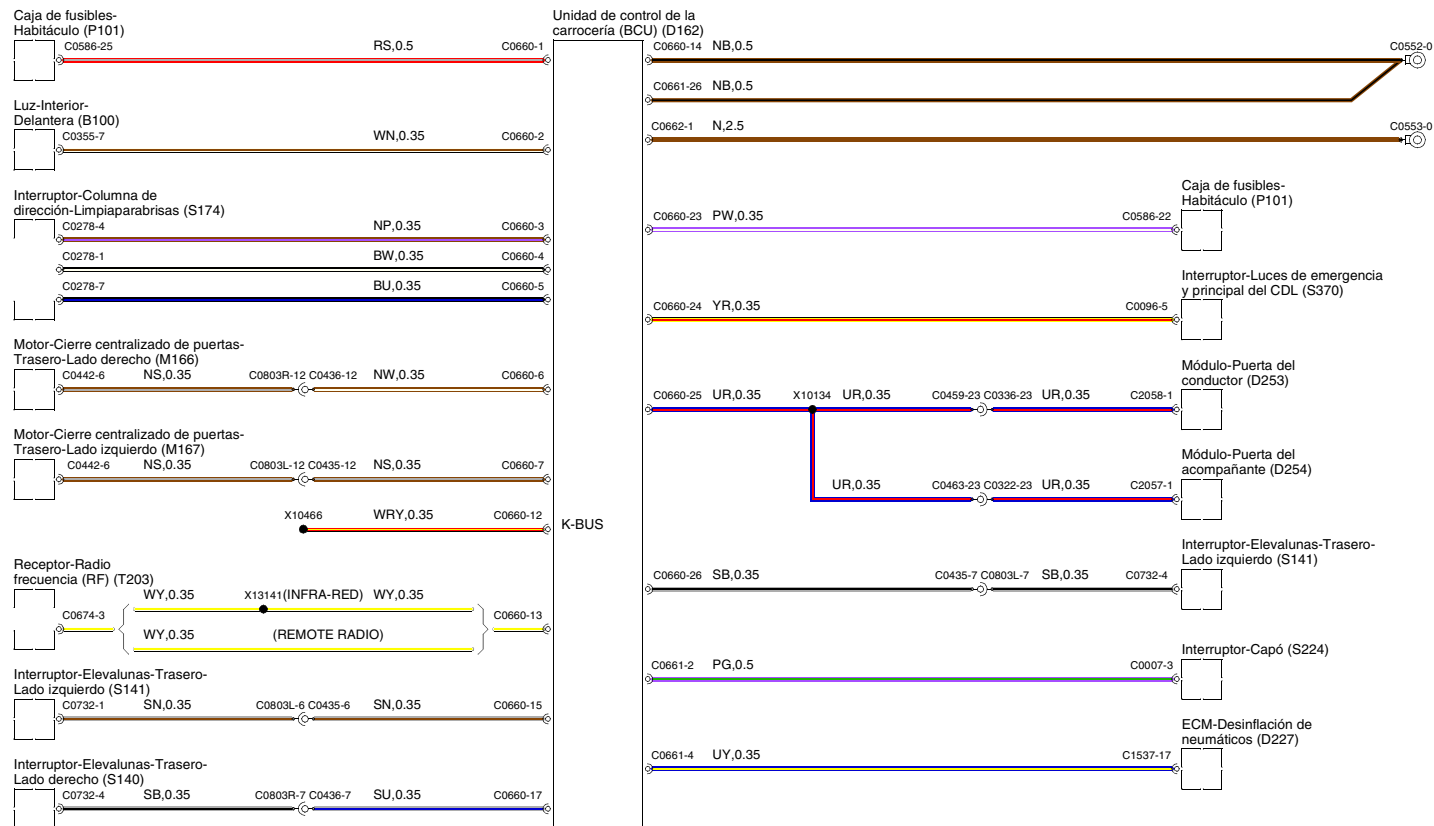


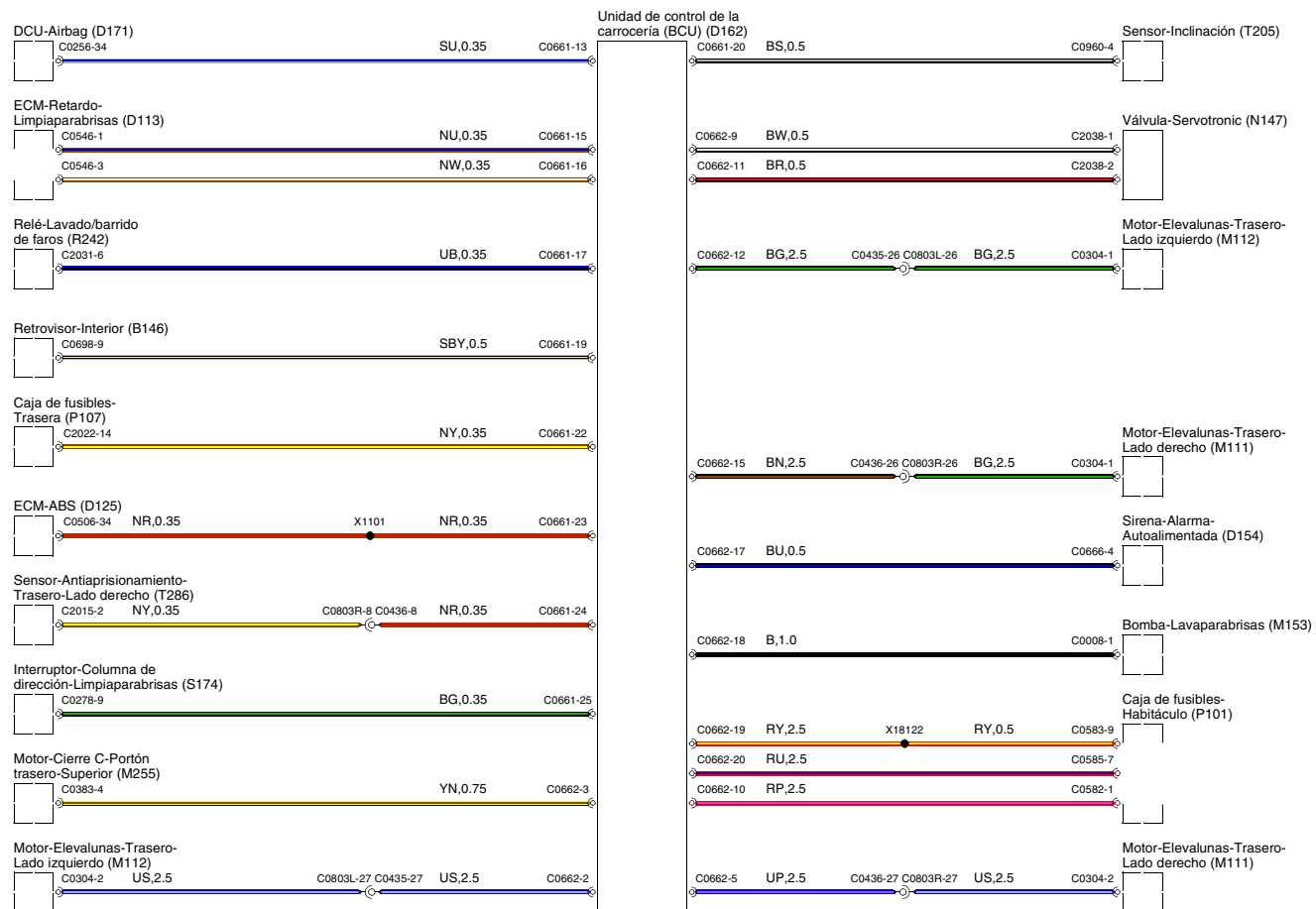


10 ENCHUFE DE DIAGNOSTICO

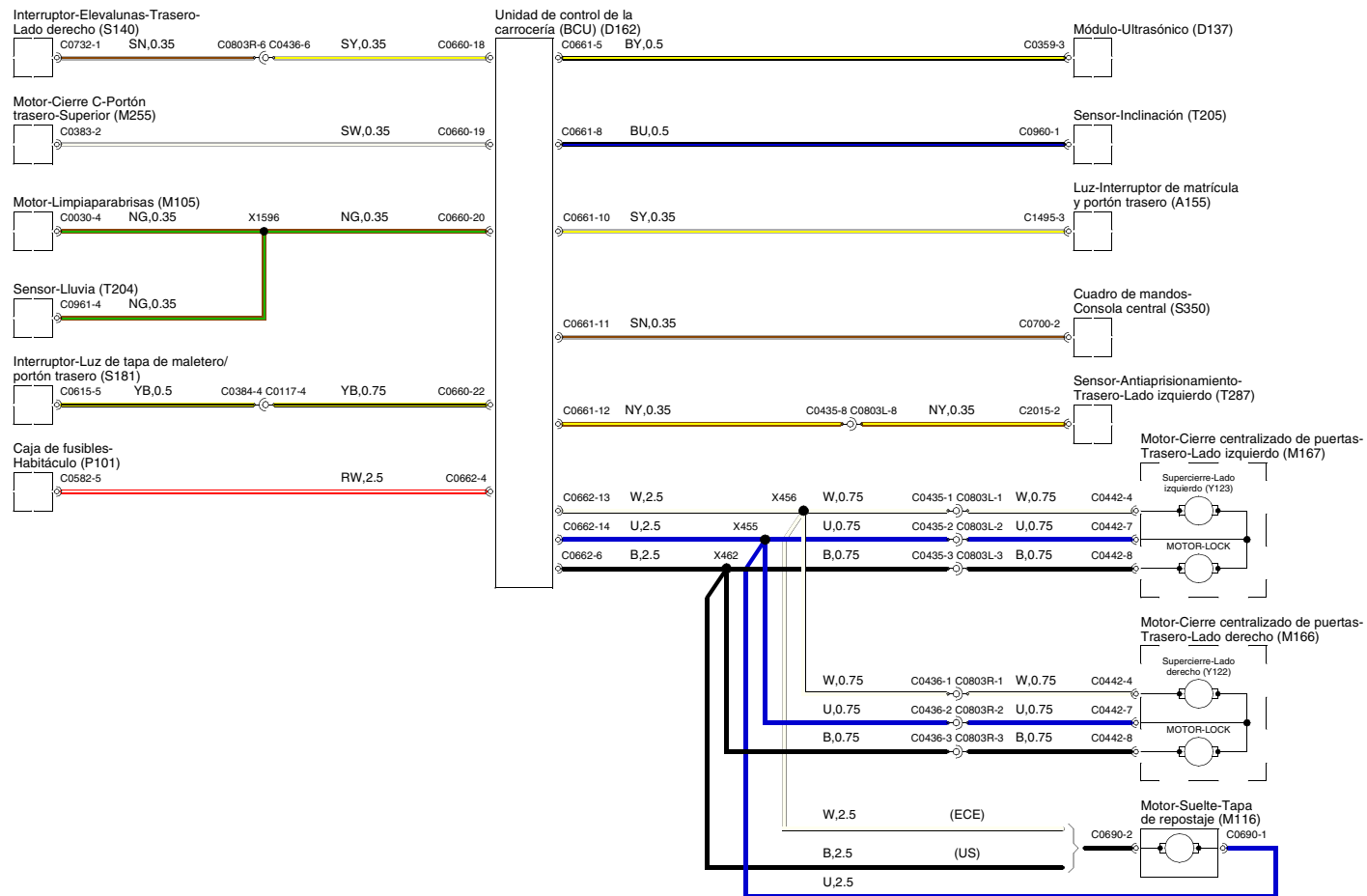


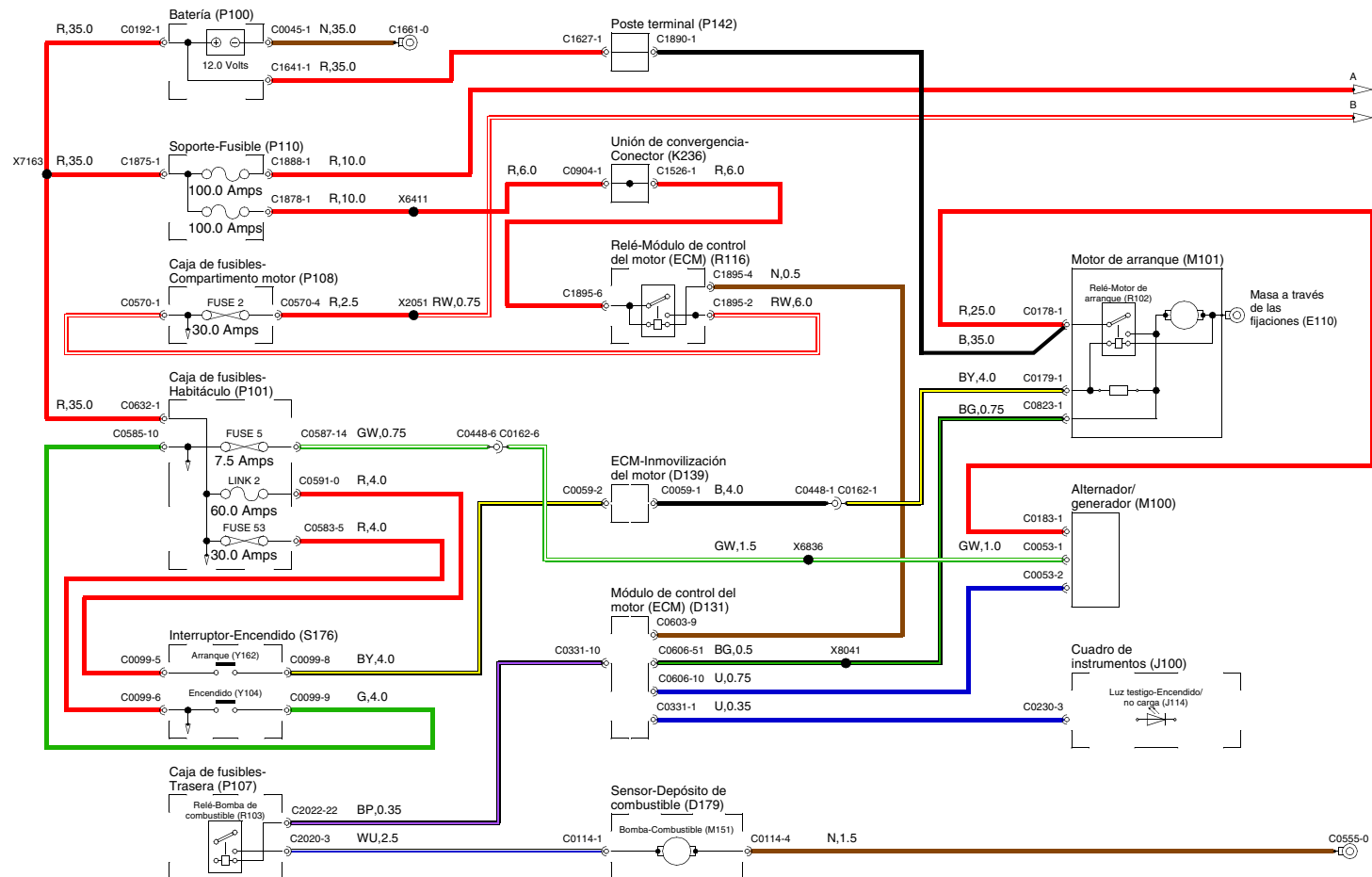
11 UNIDAD DE CONTROL DE LA CARROCERIA

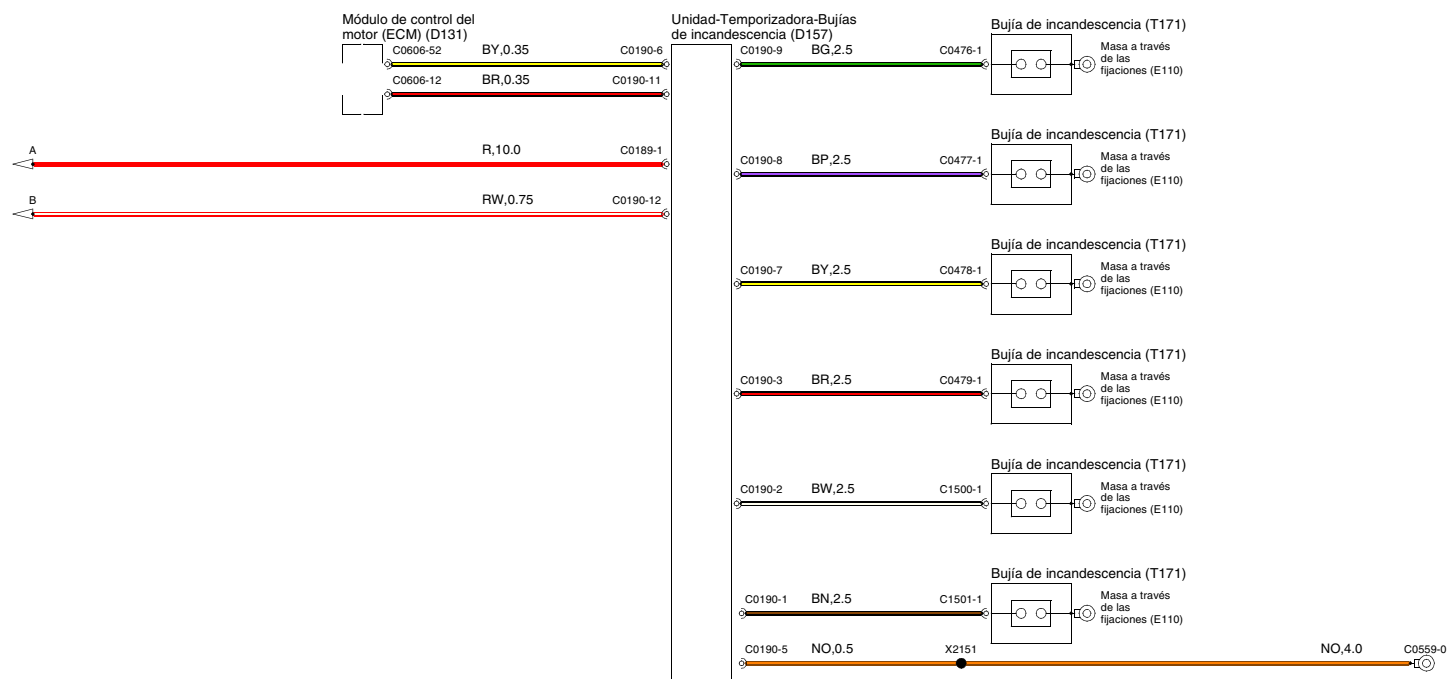


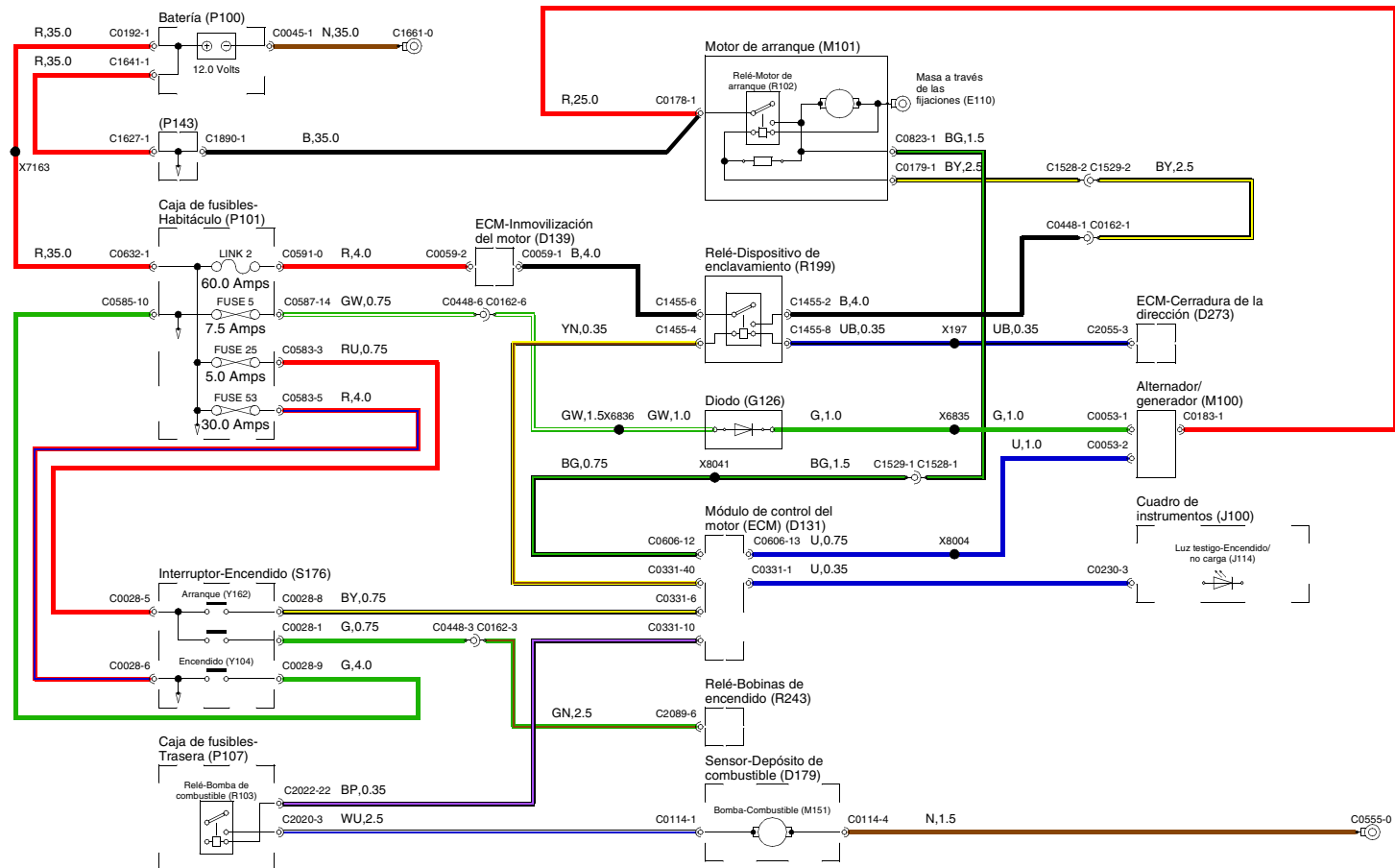


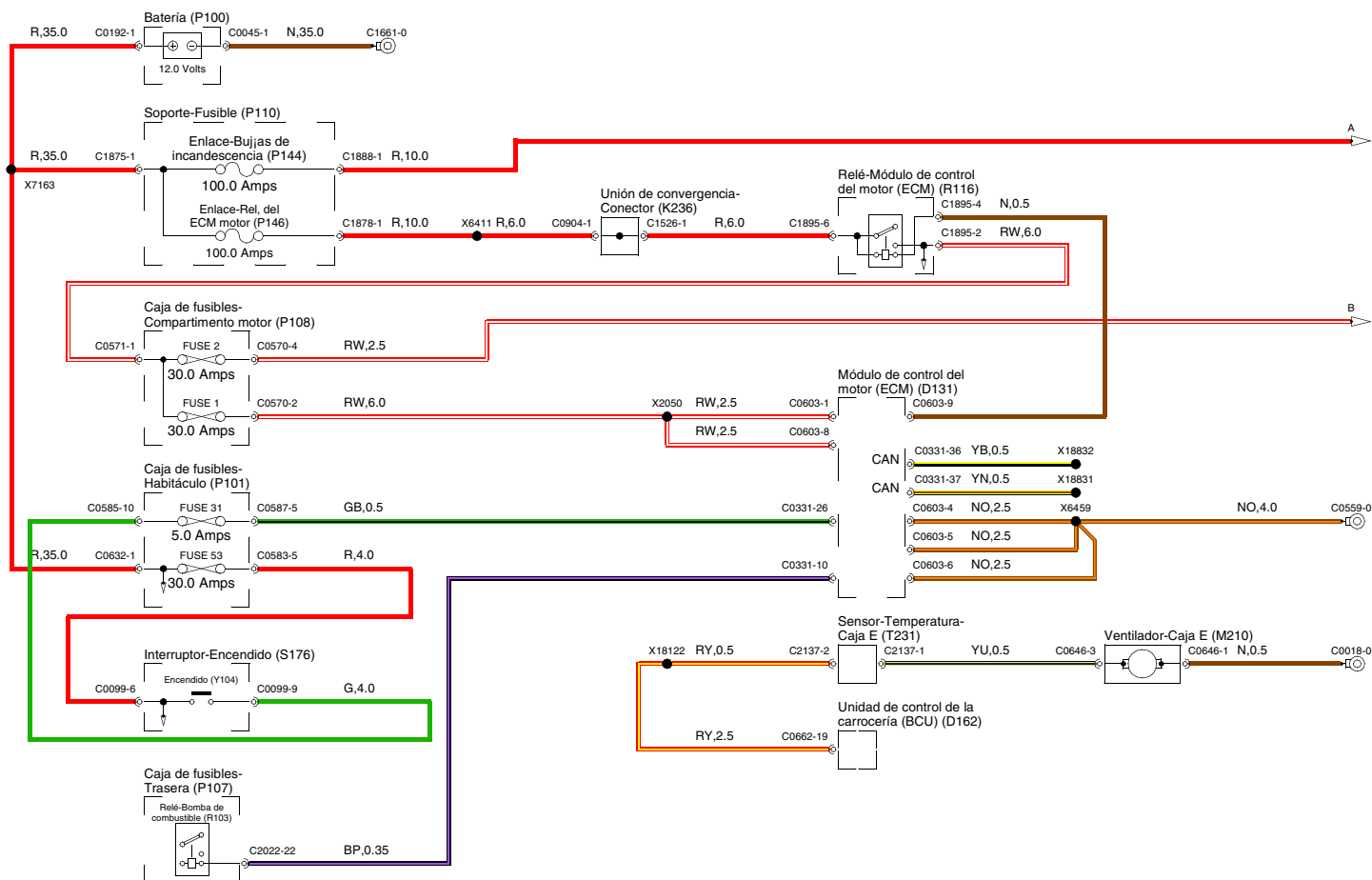
11 UNIDAD DE CONTROL DE LA CARROGERIA

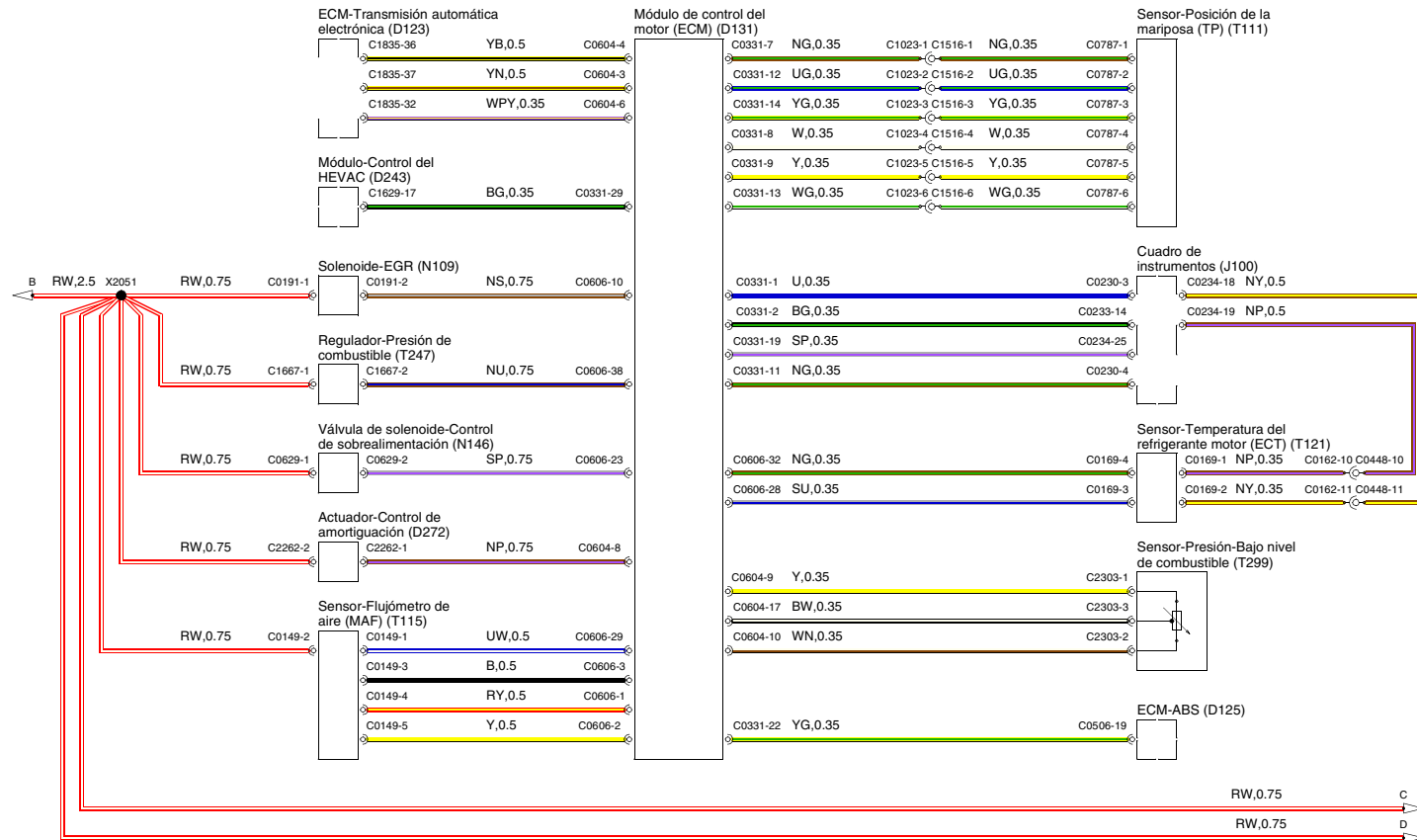


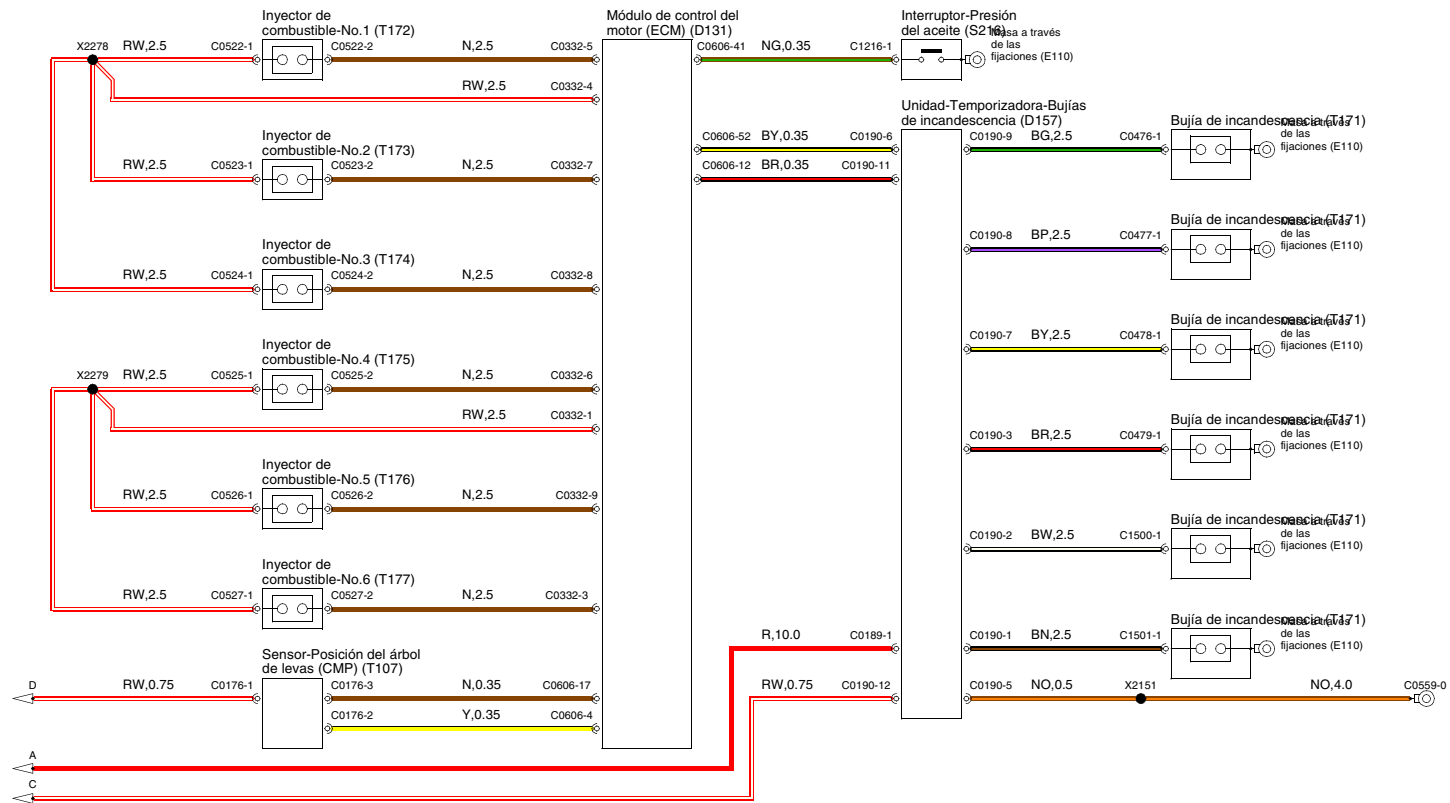


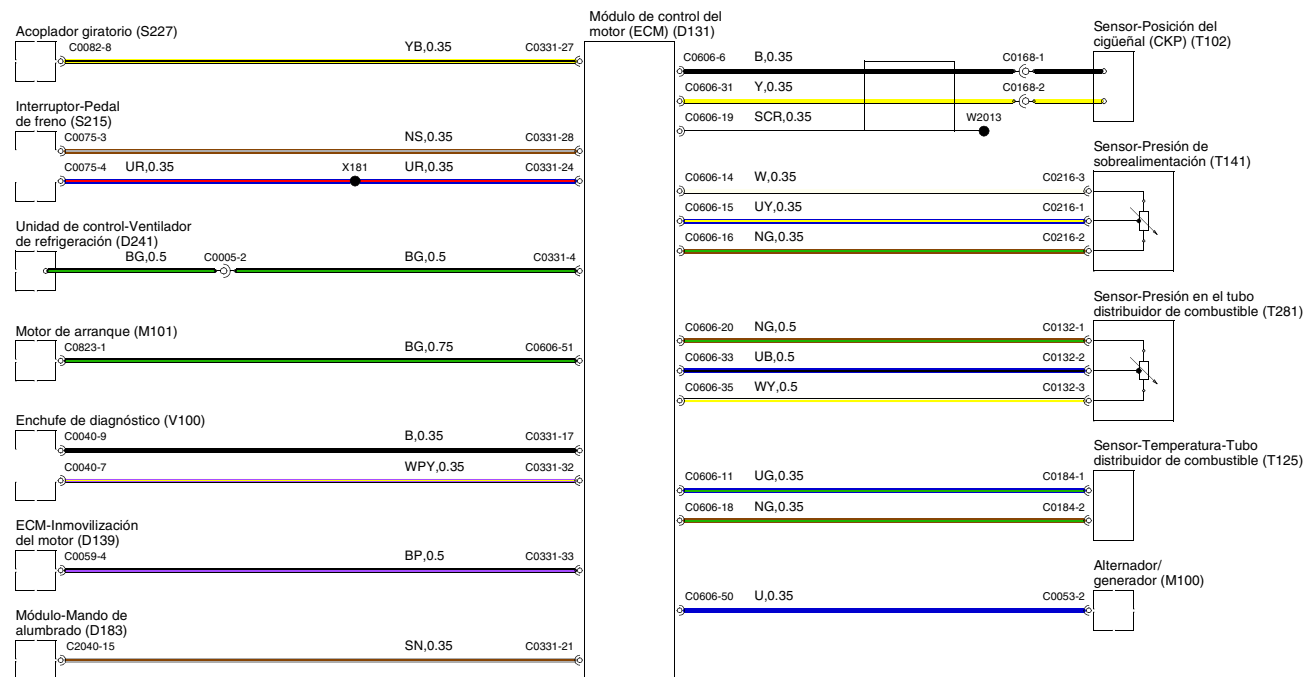


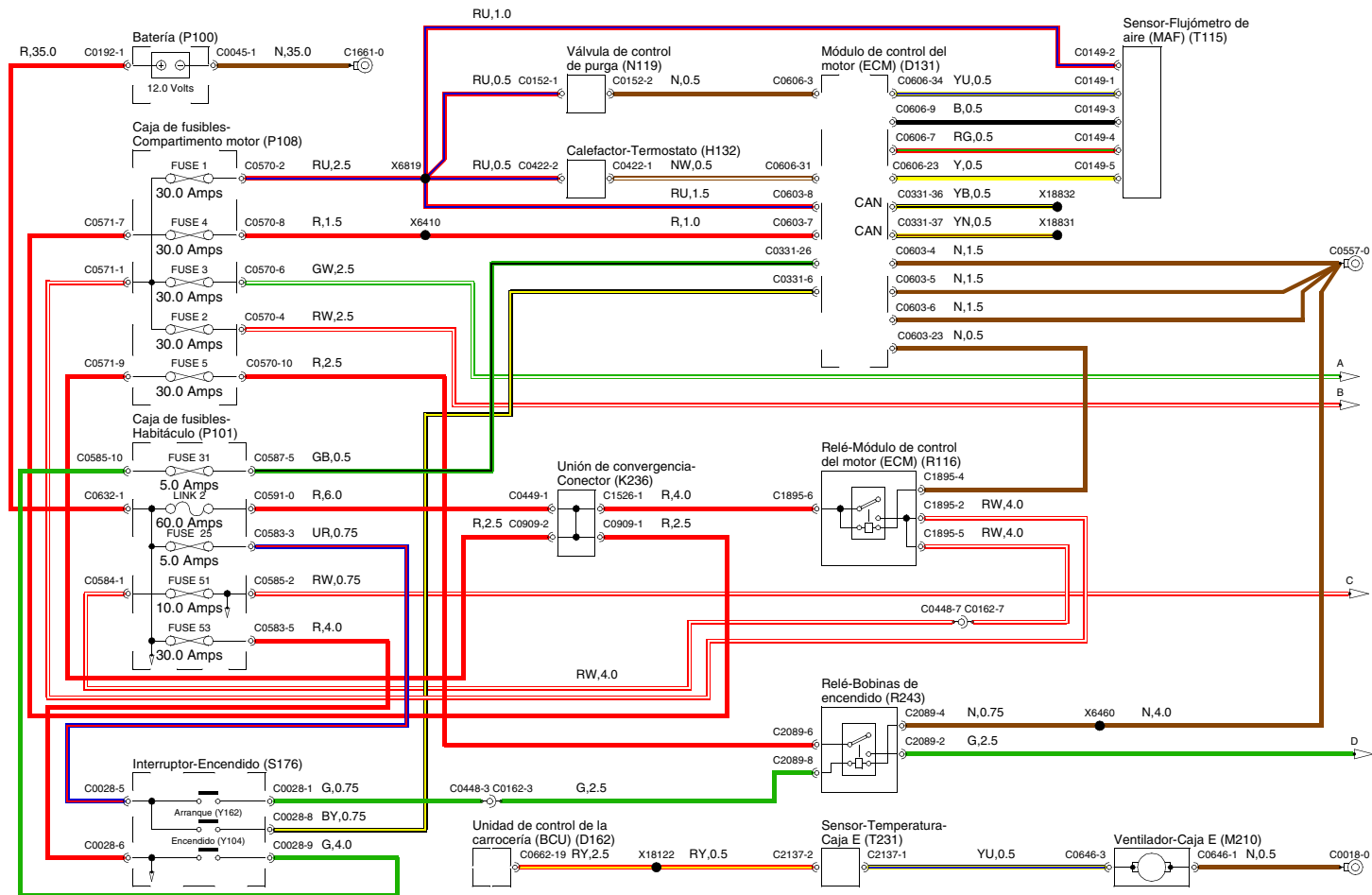


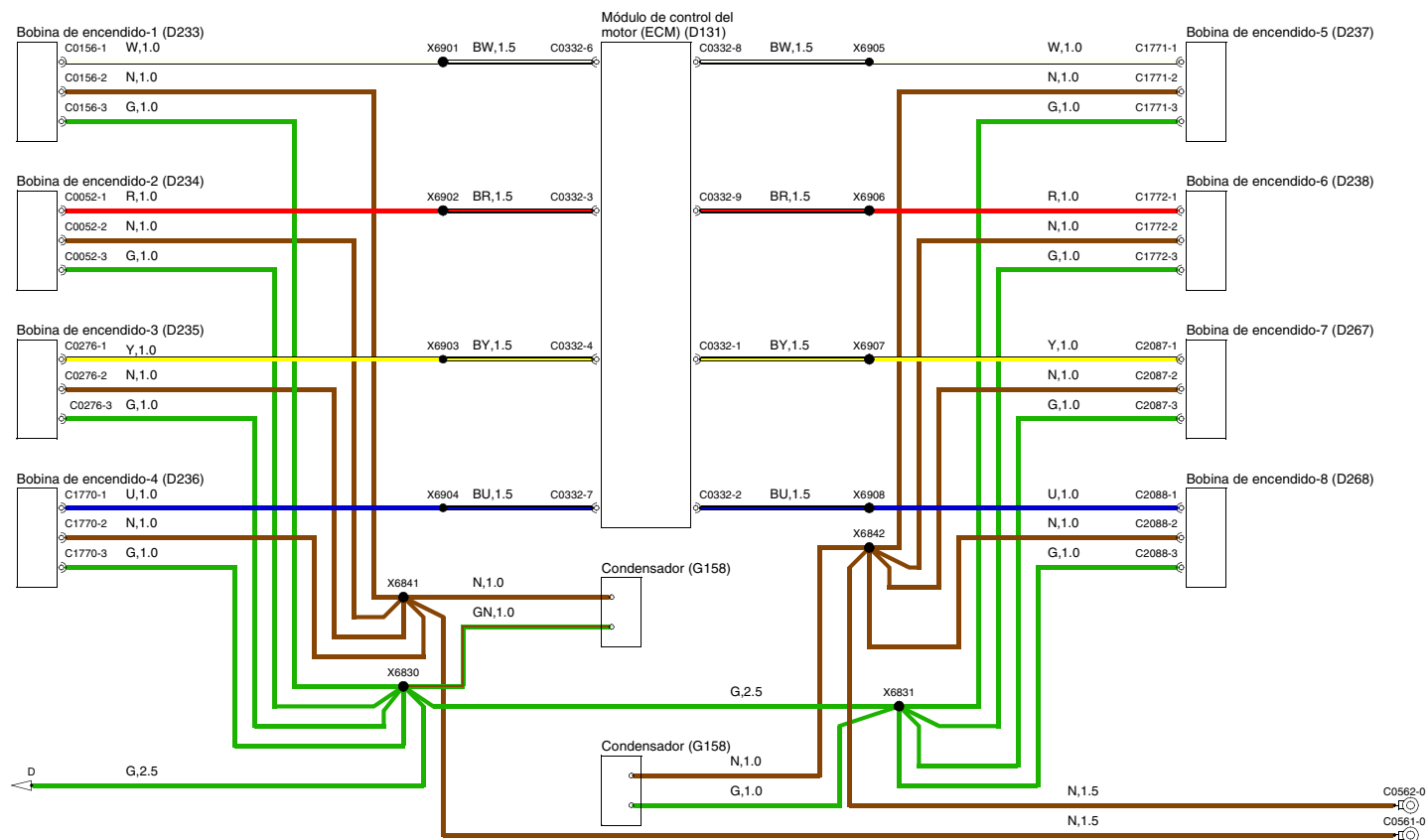


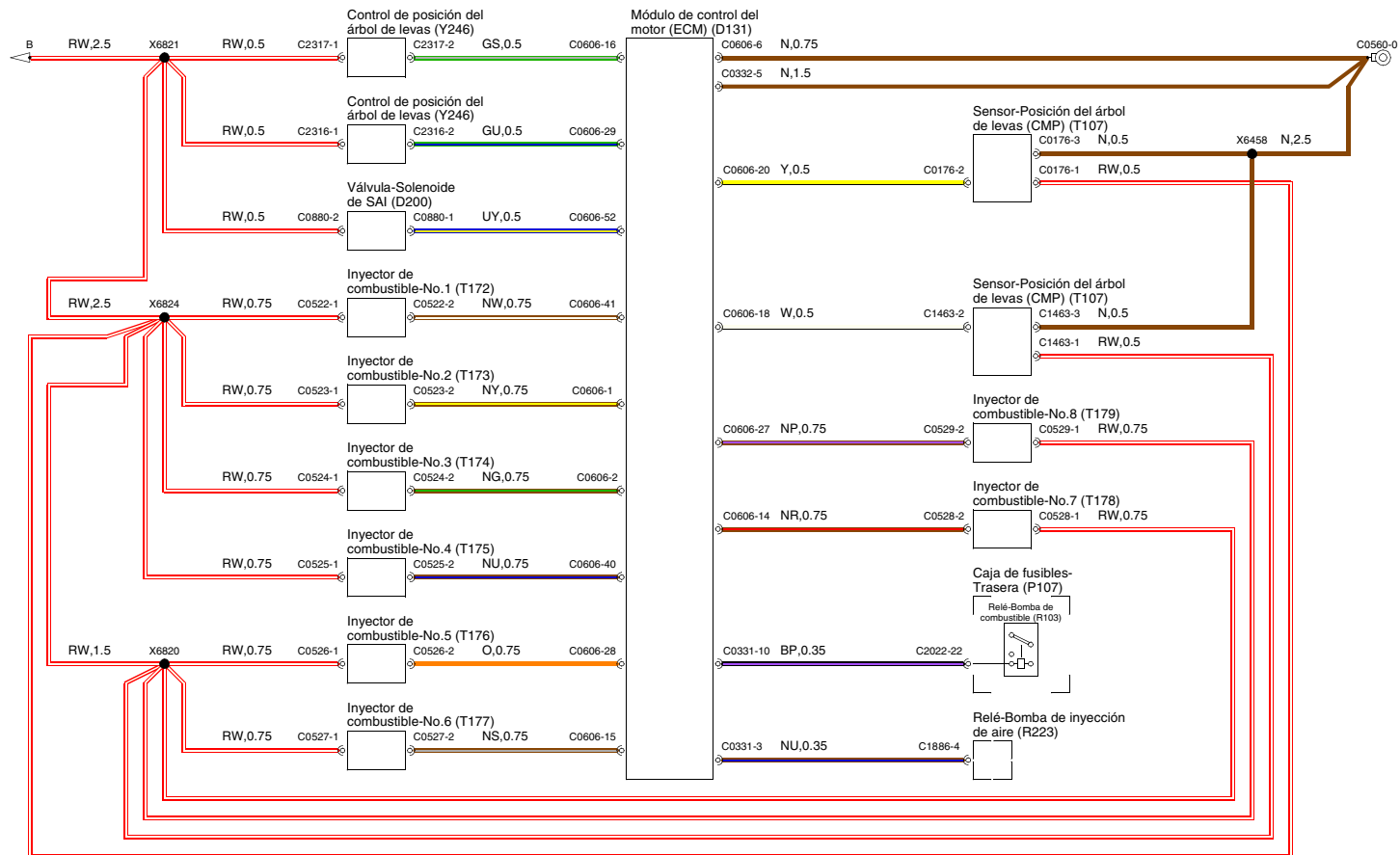


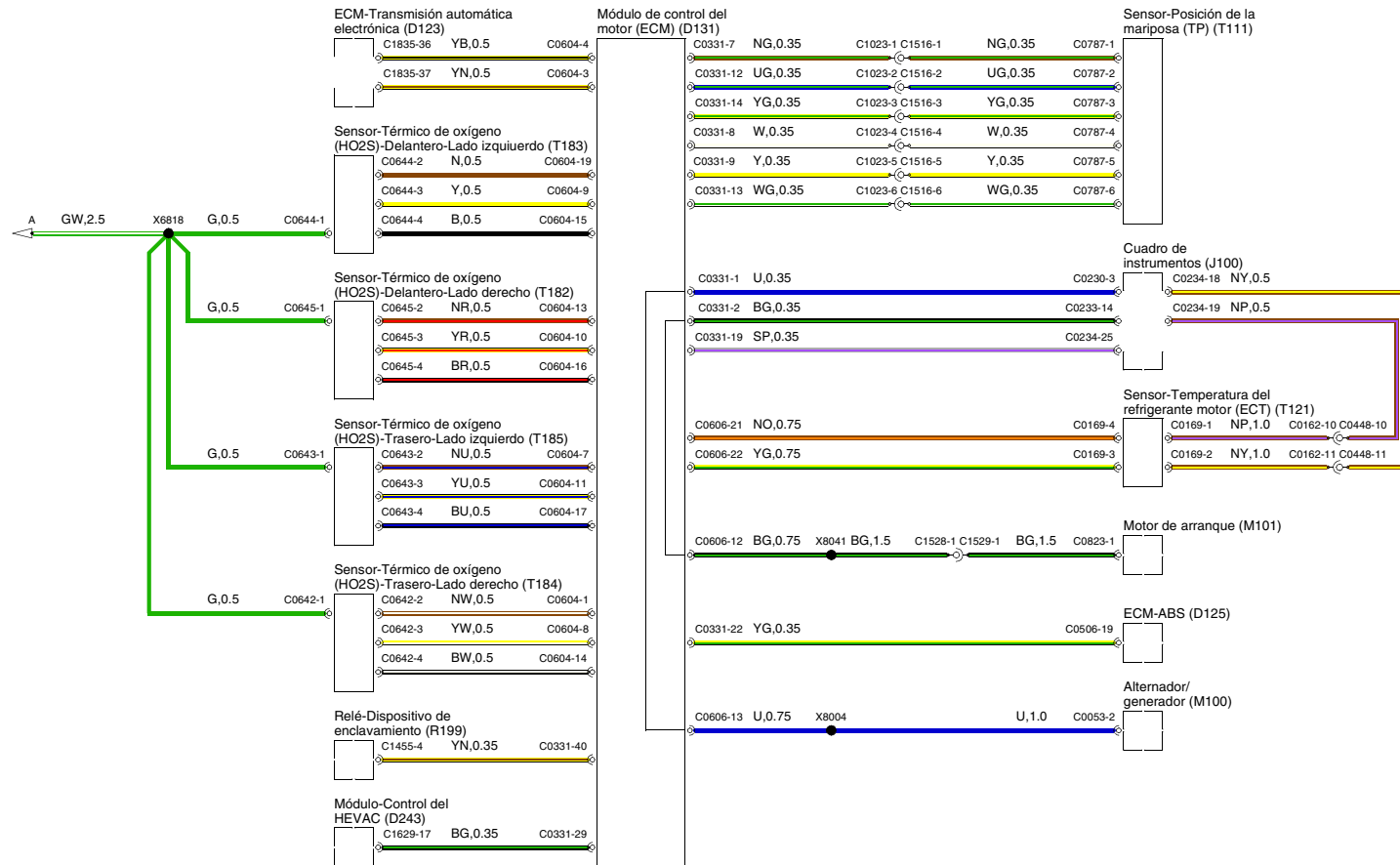


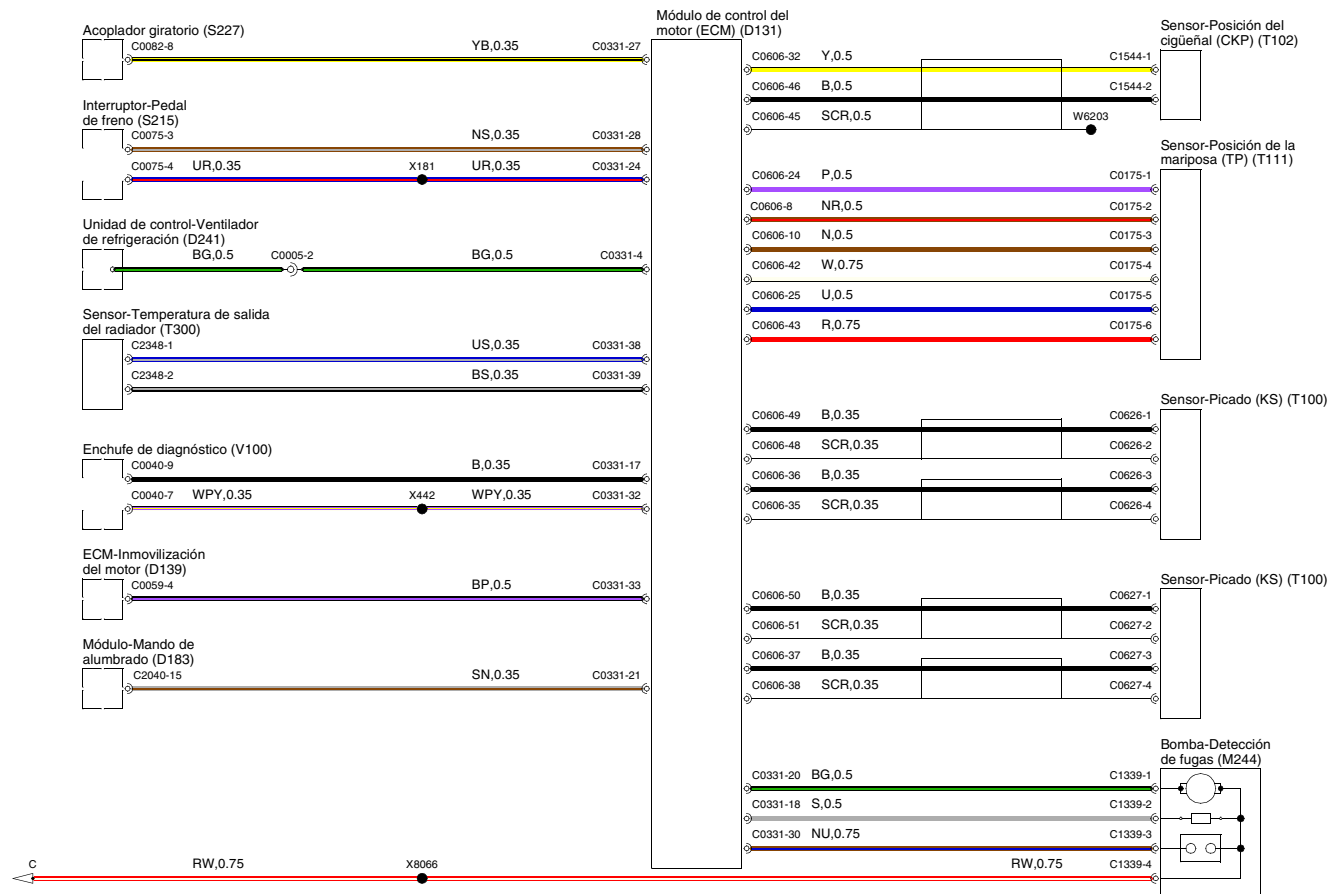




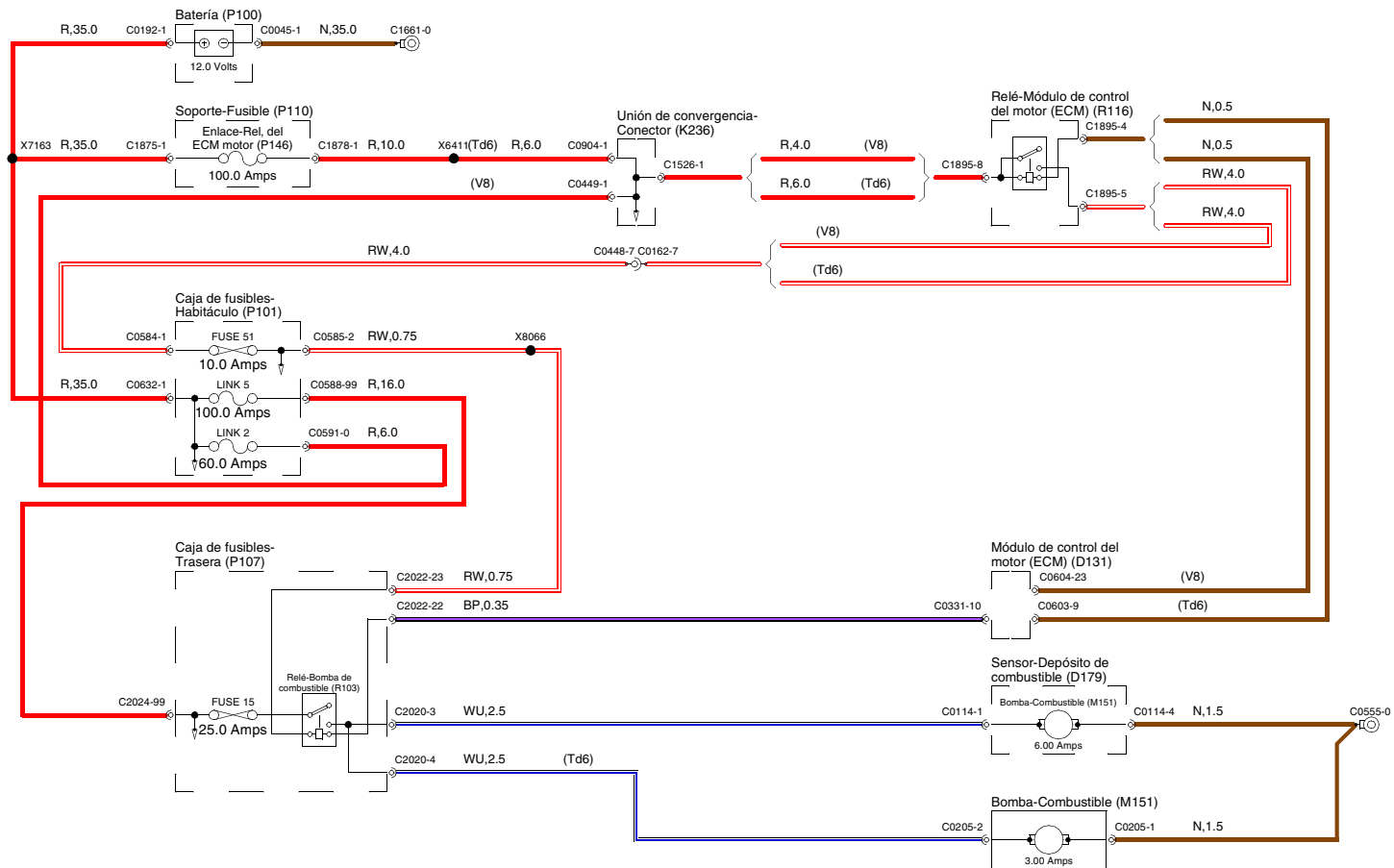




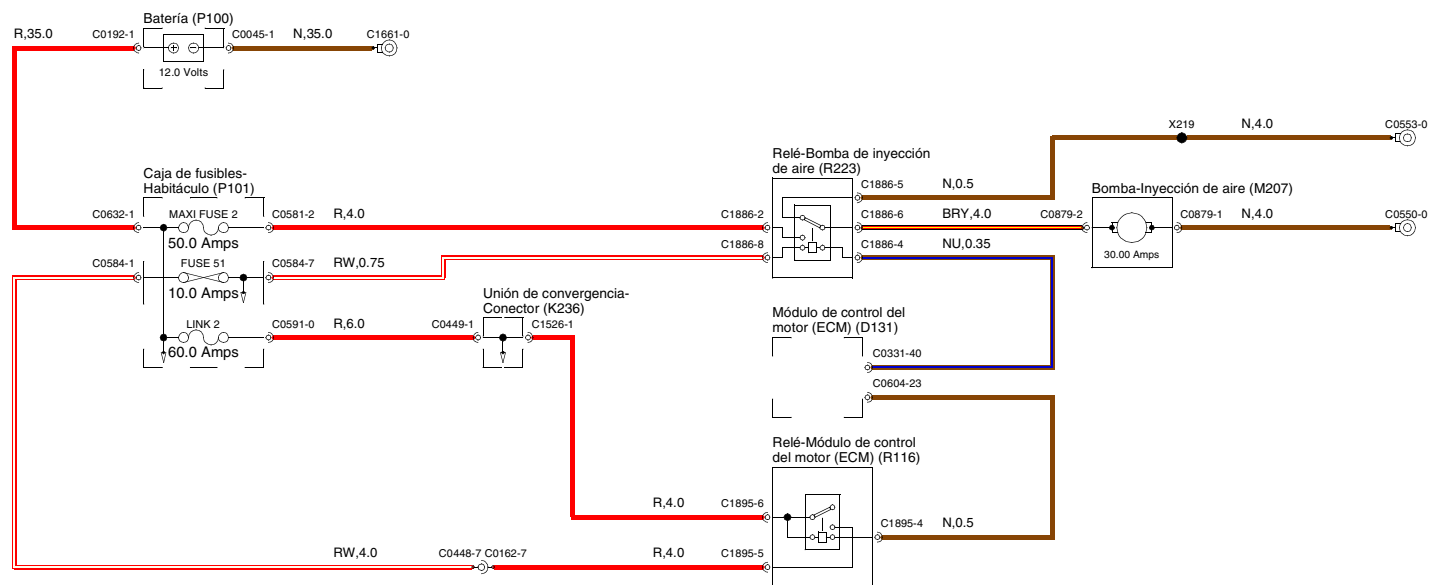




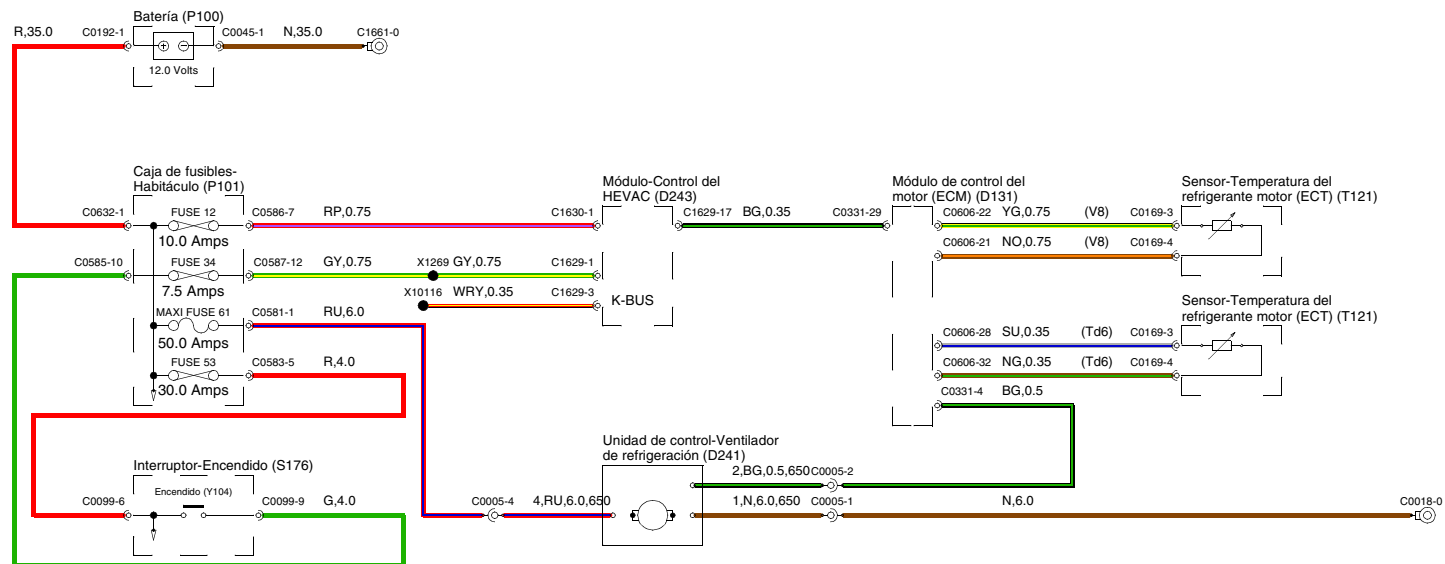
20 BOMBA DE COMBUSTIBLE

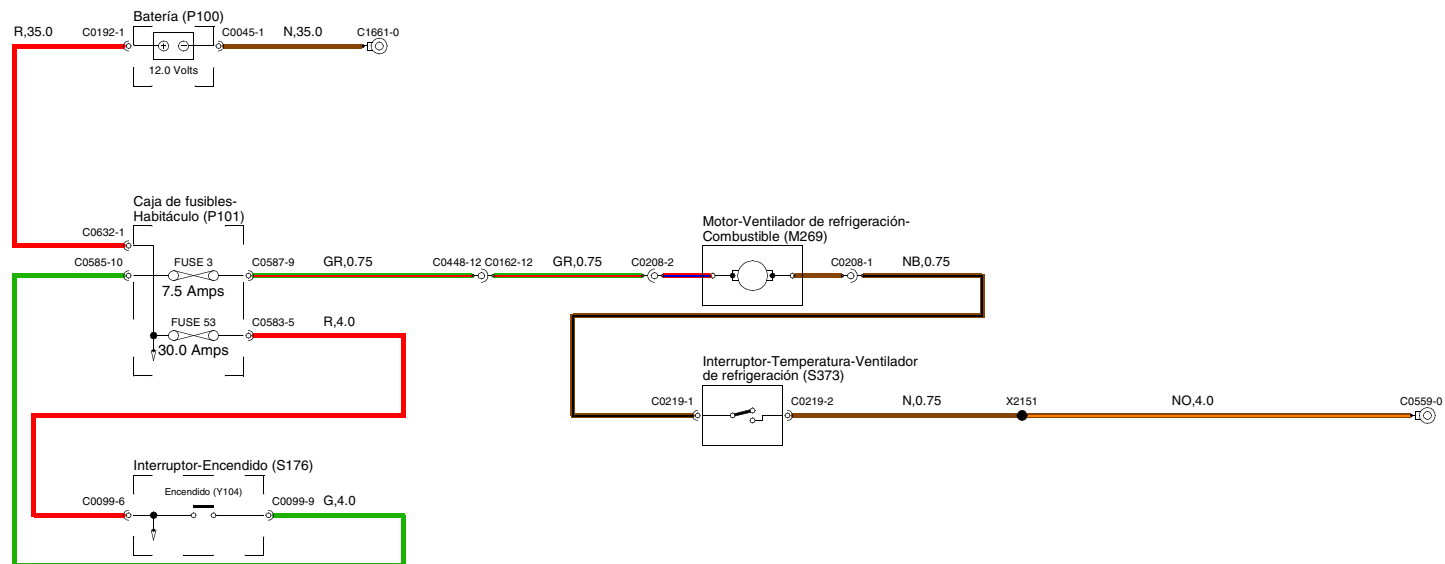


20 INYECCION DE AIRE SECUNDARIA

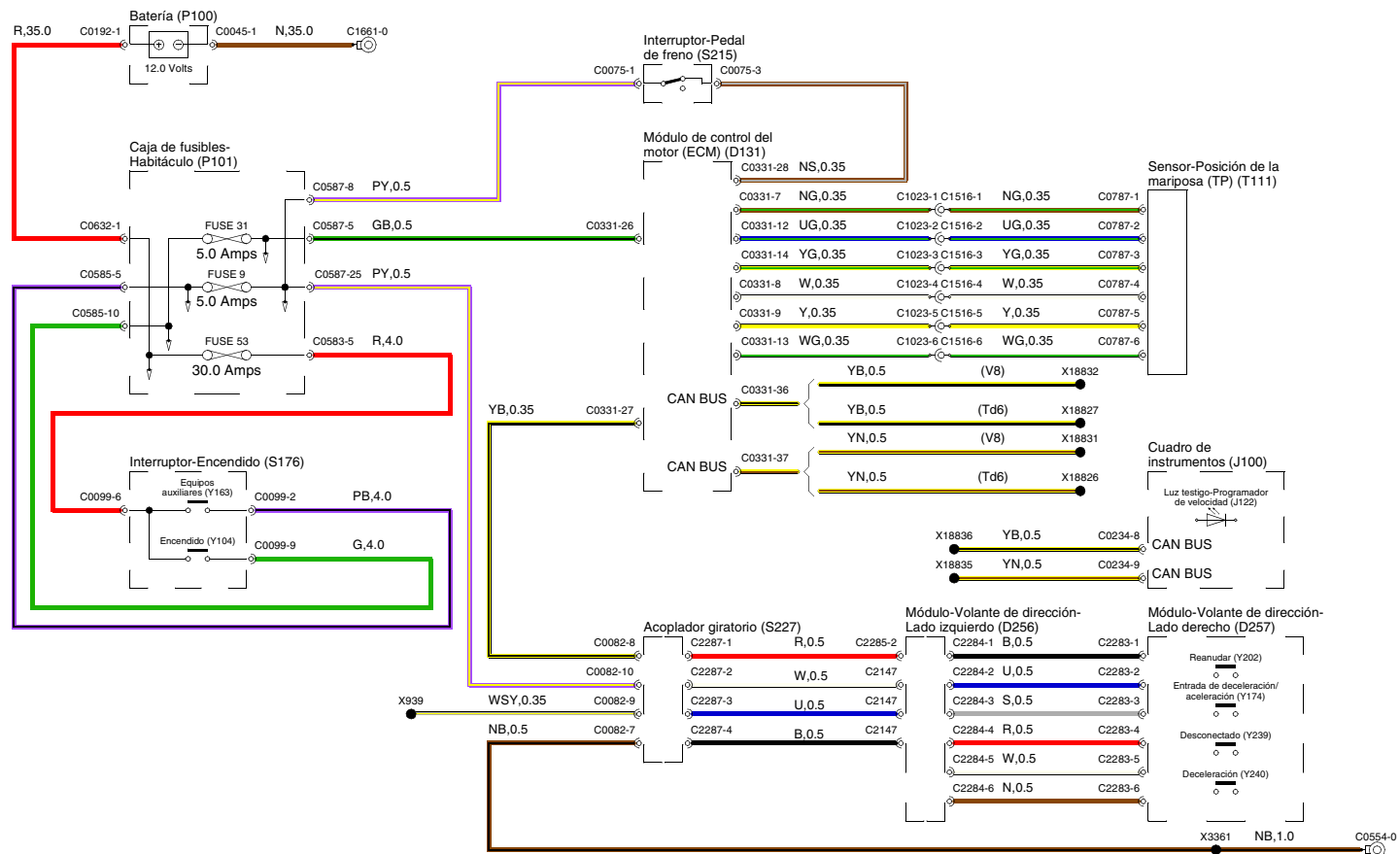


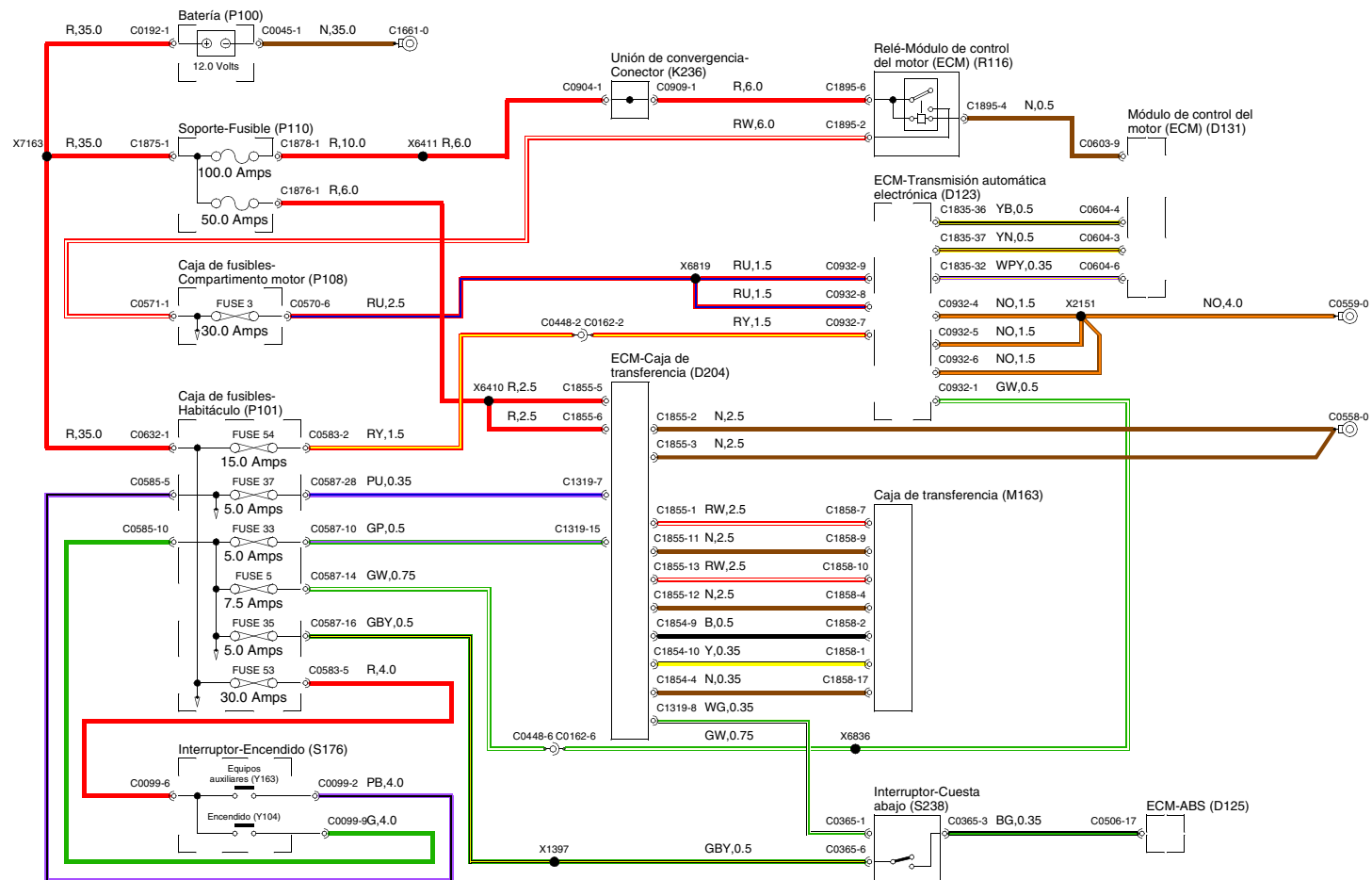
22 VENTILADORES DE REFRIGERACION

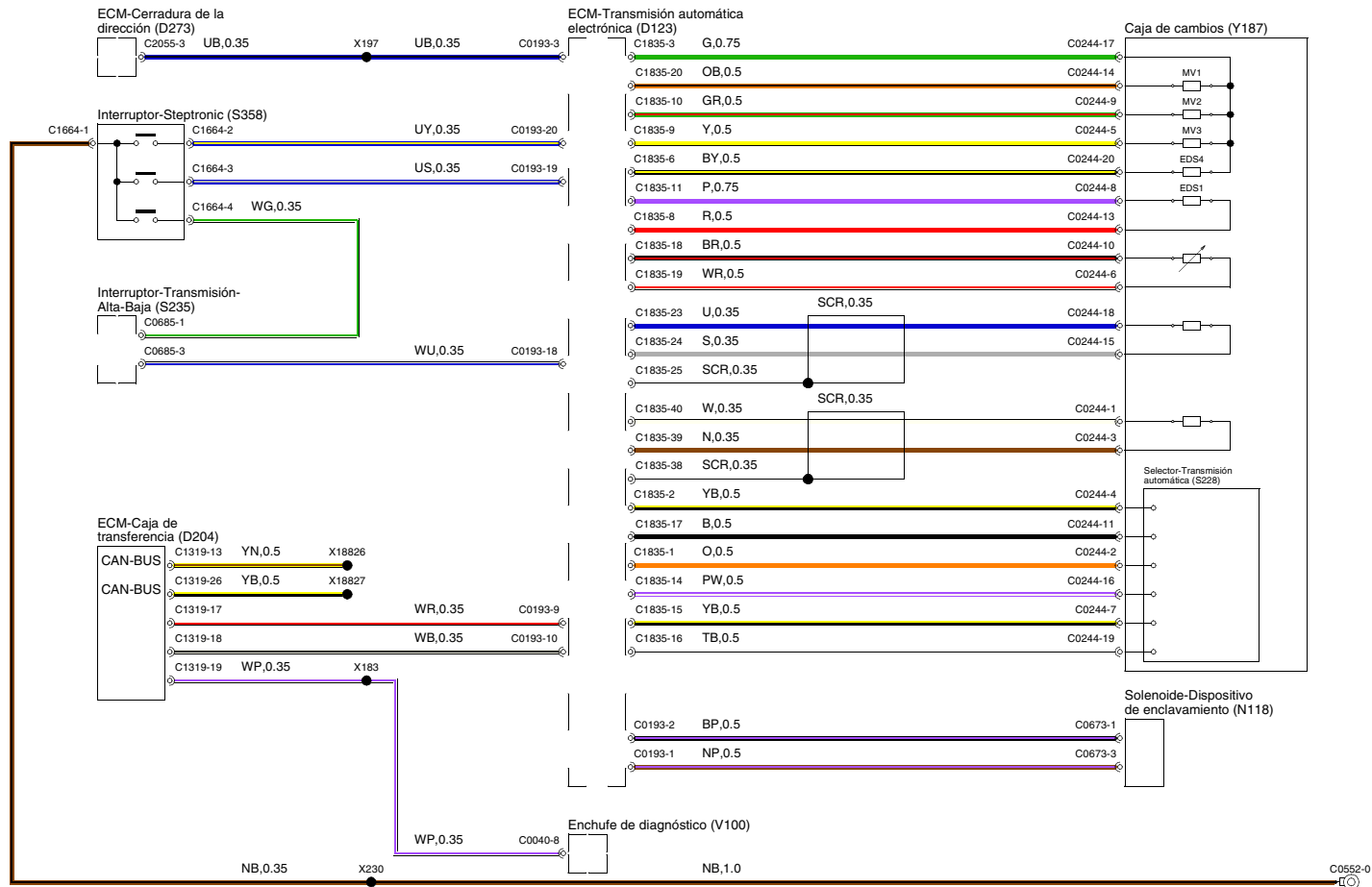


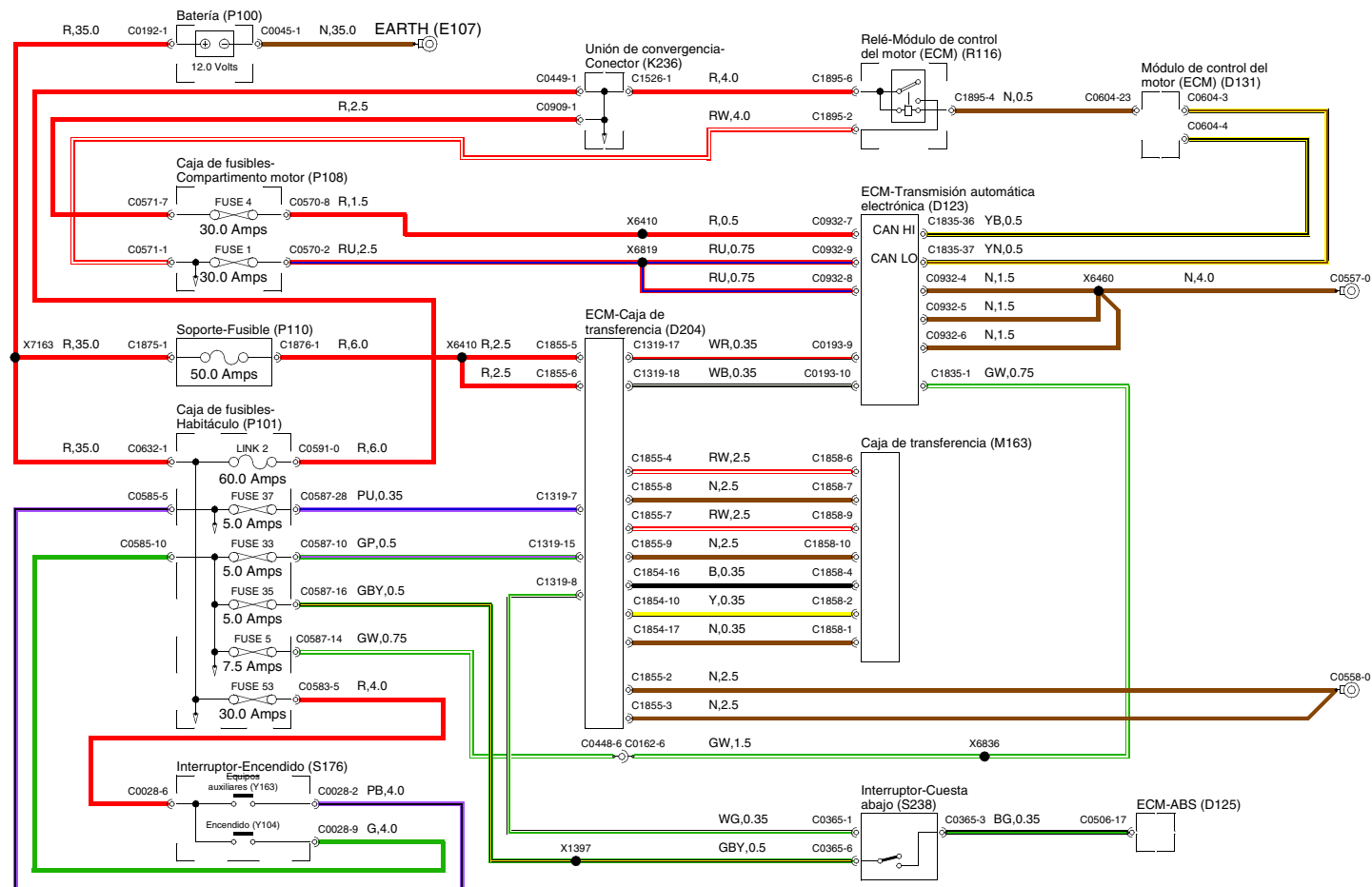


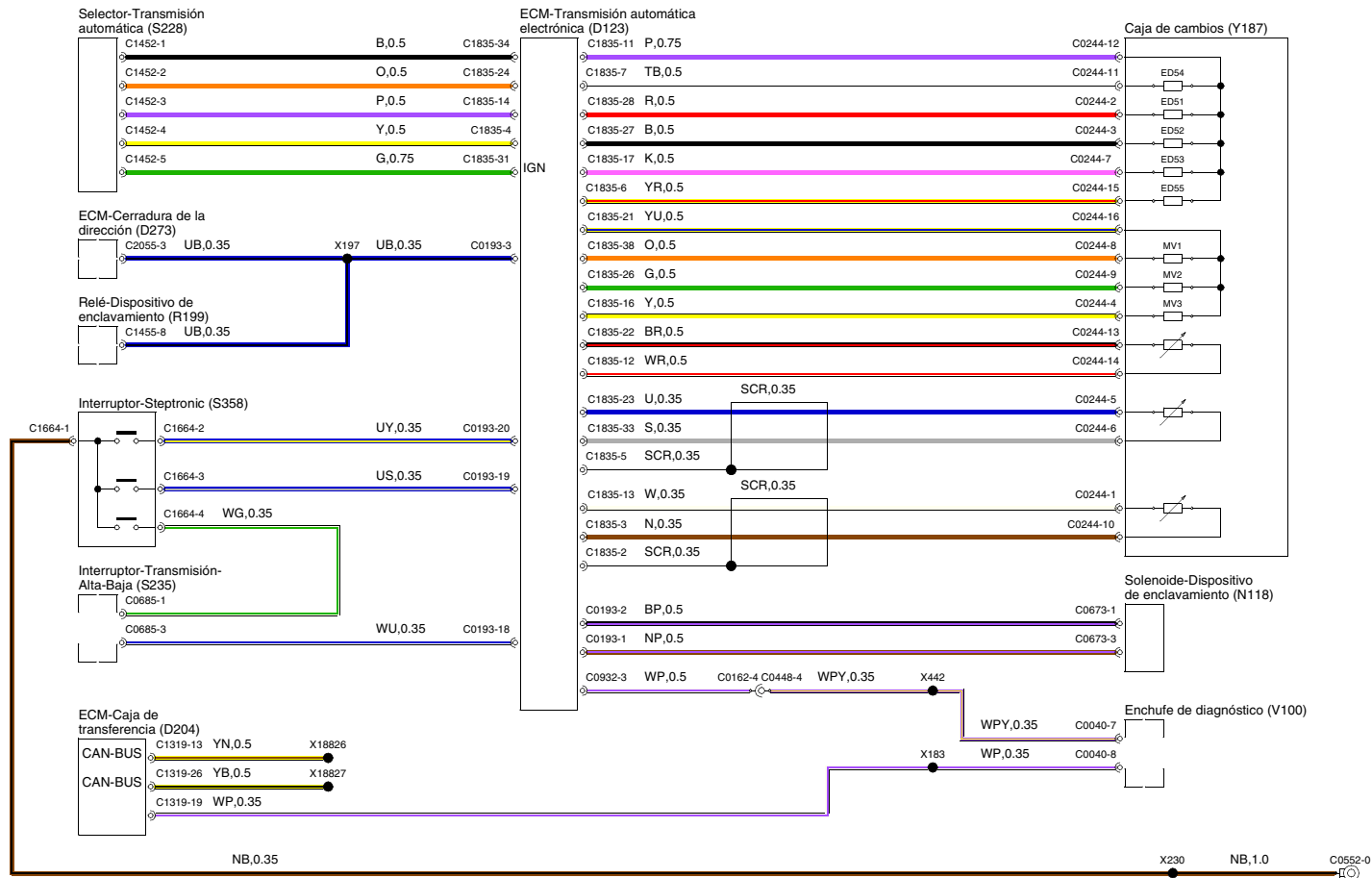
31 PROGRAMADOR DE VELOCIDAD



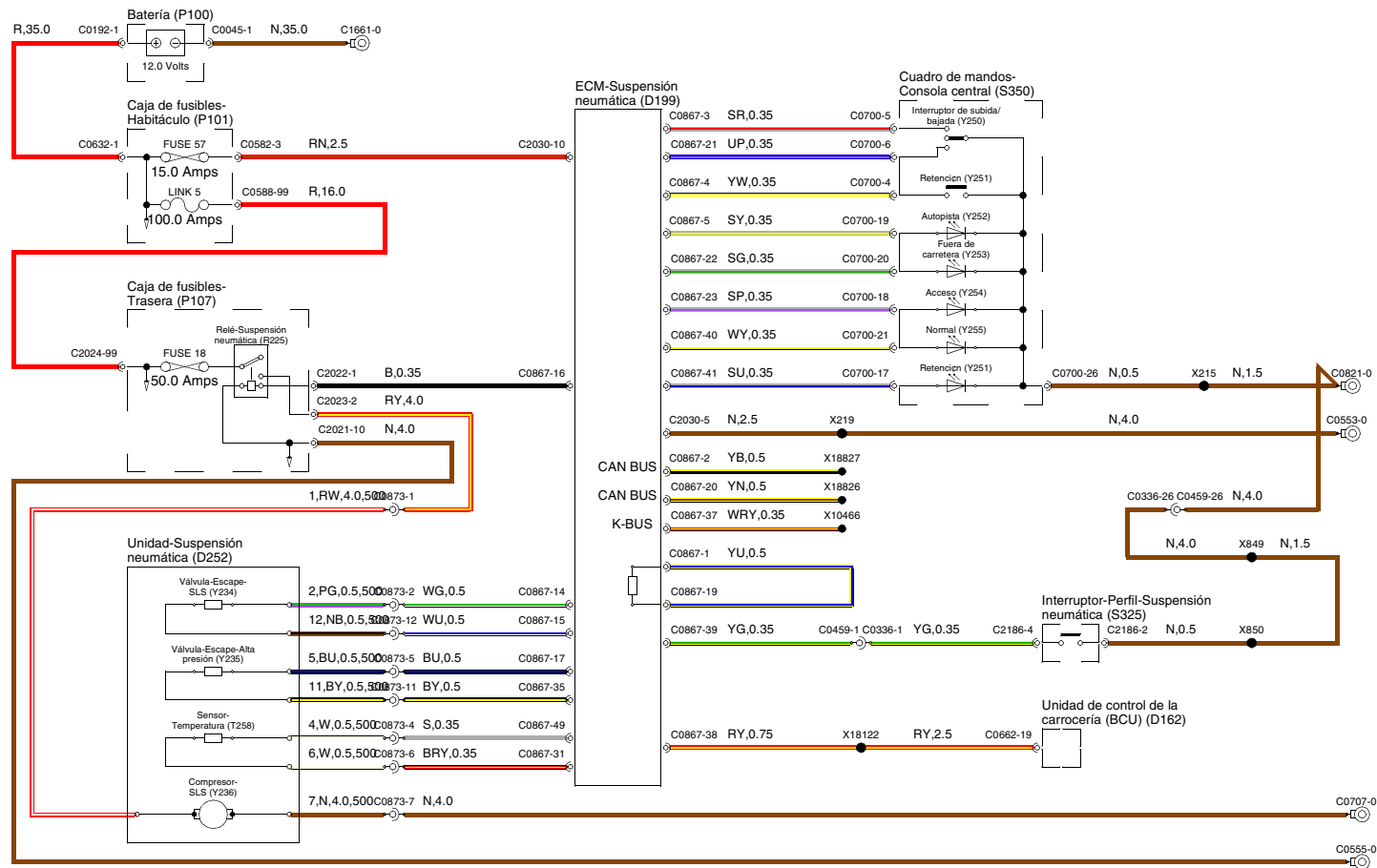


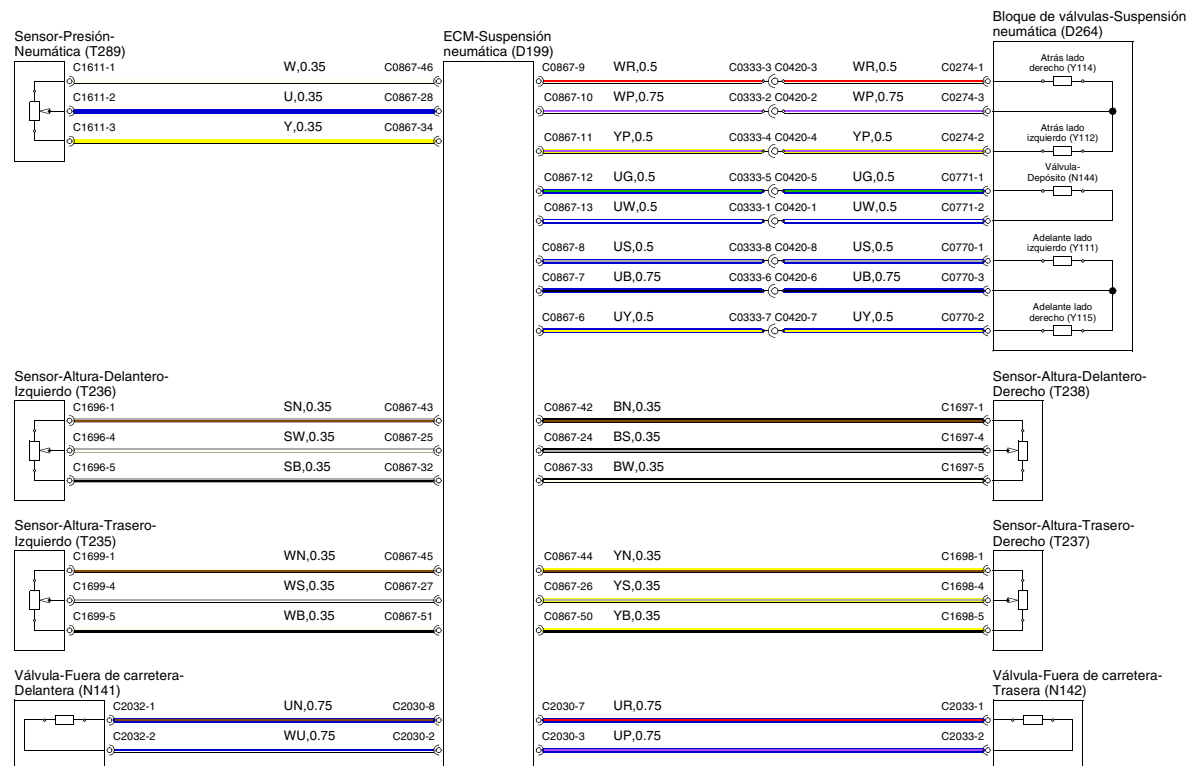




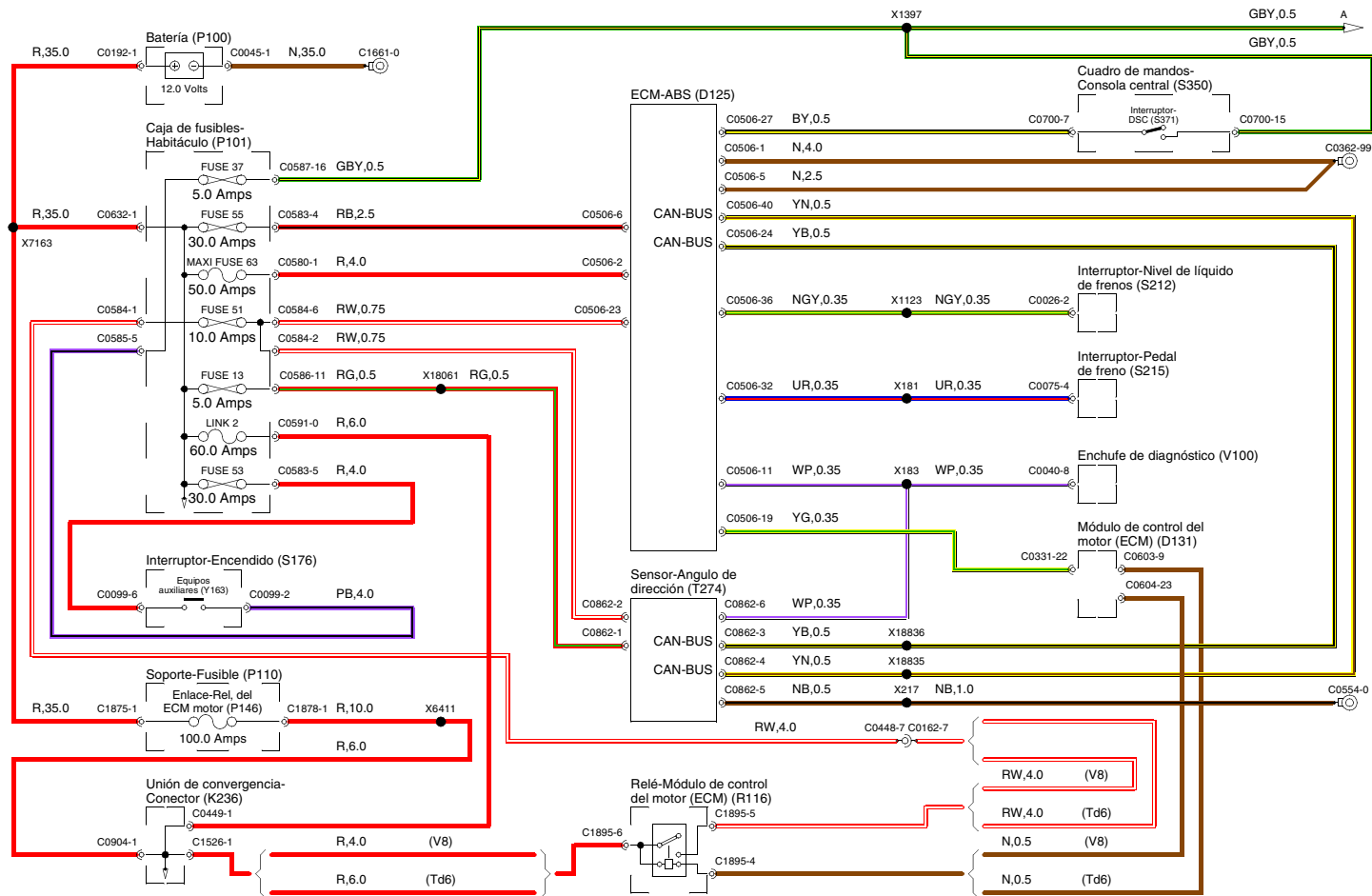


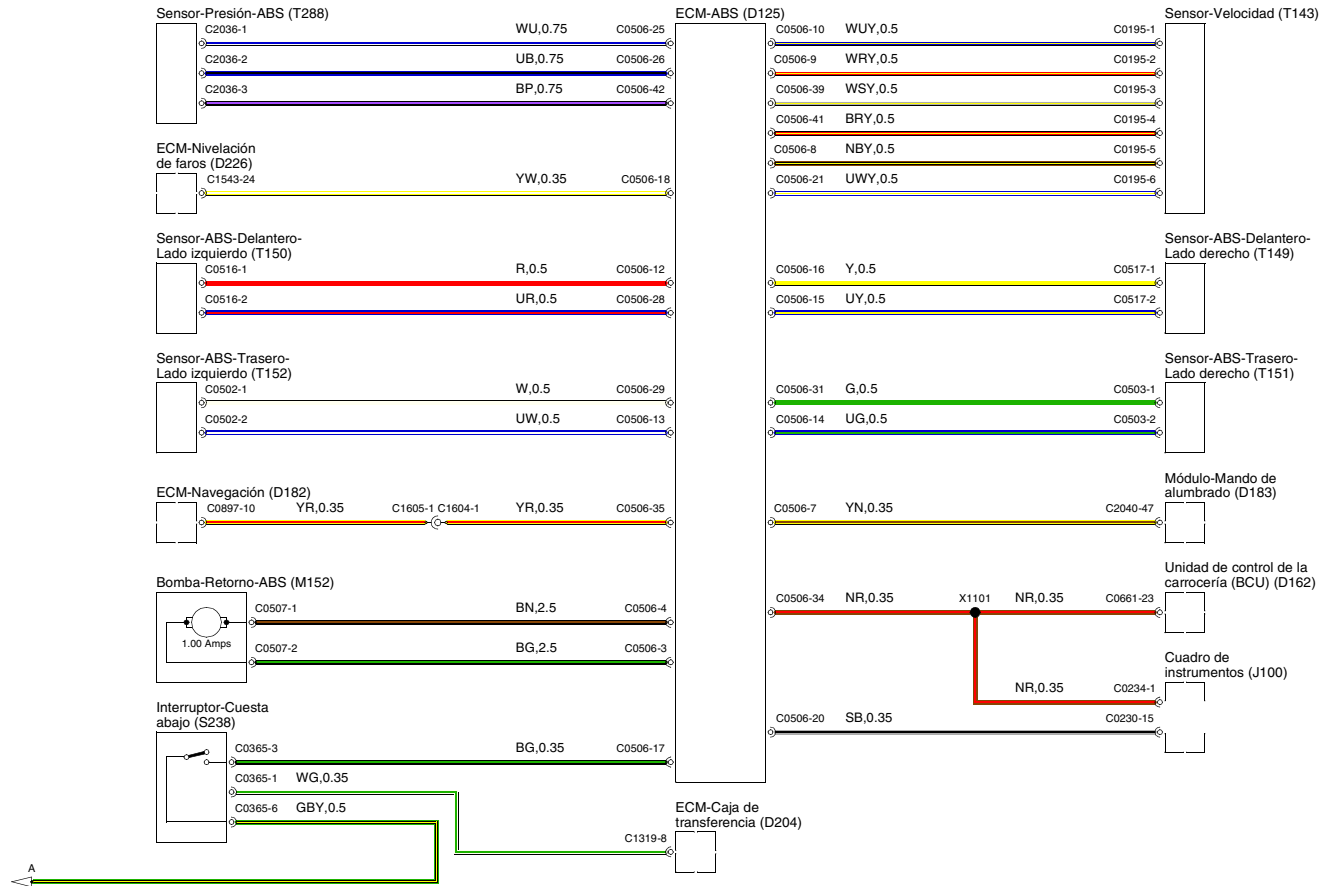
34 SUSPENSION NEUMATICA



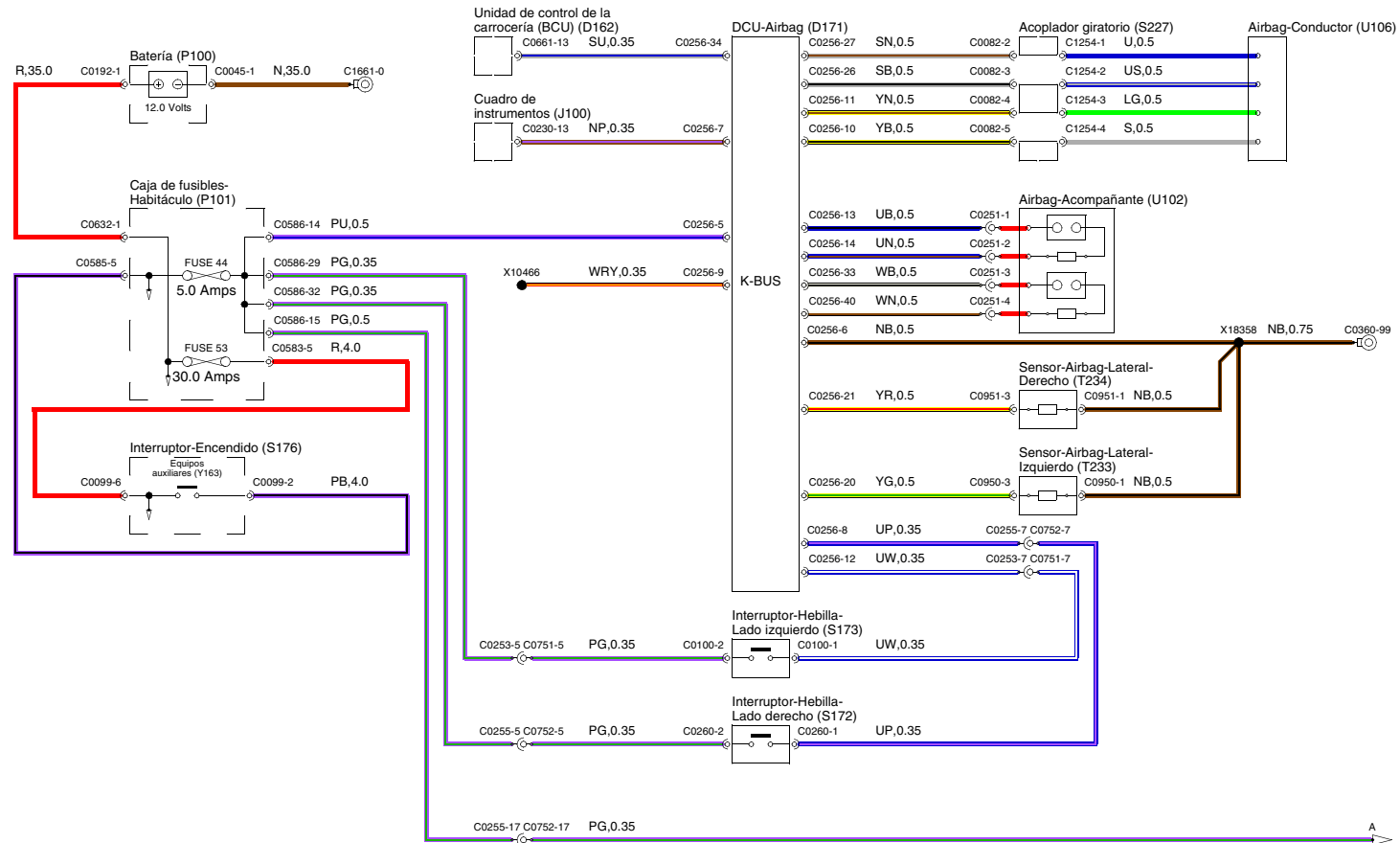


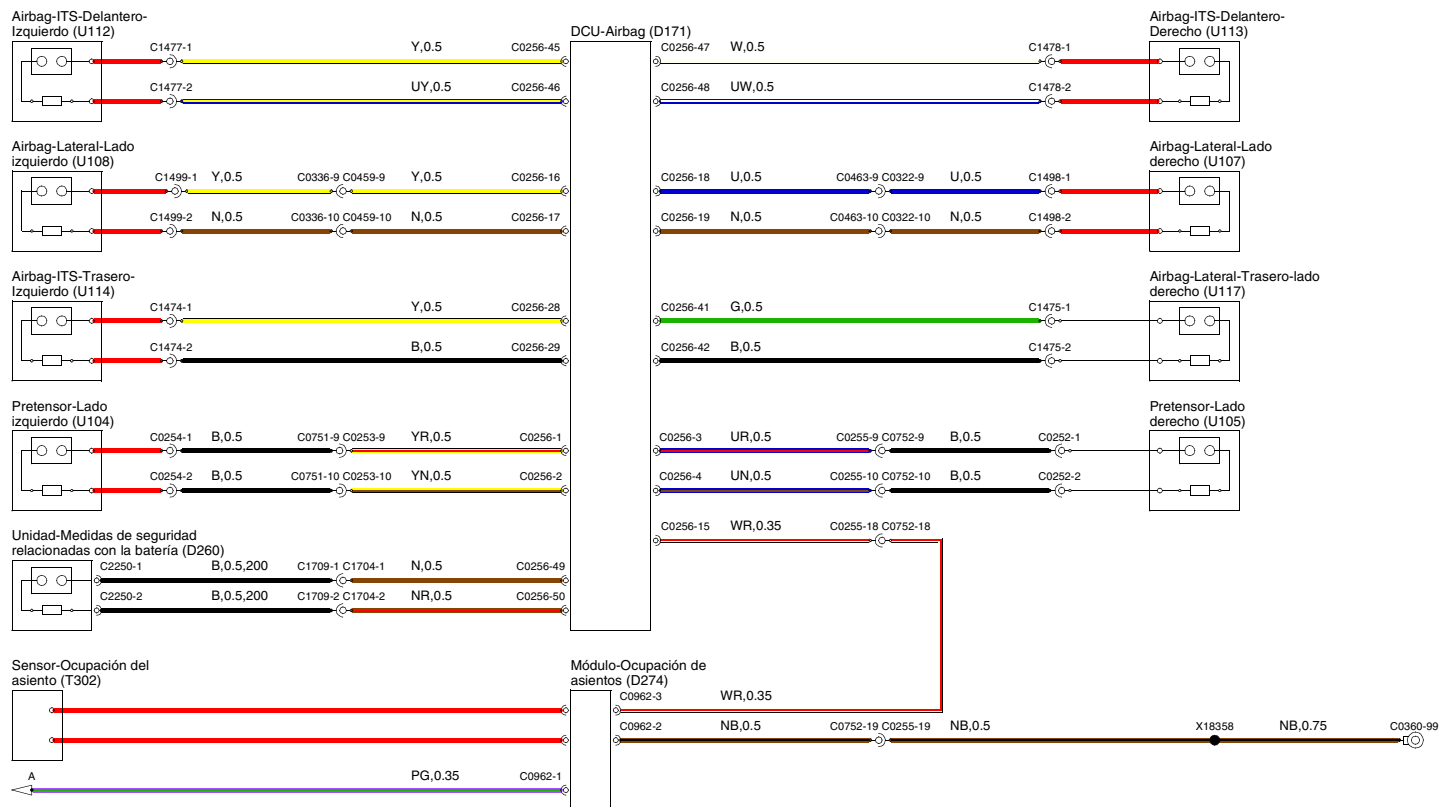
35 SISTEMA DE FRENOS ANTIBLOQUEO (ABS)

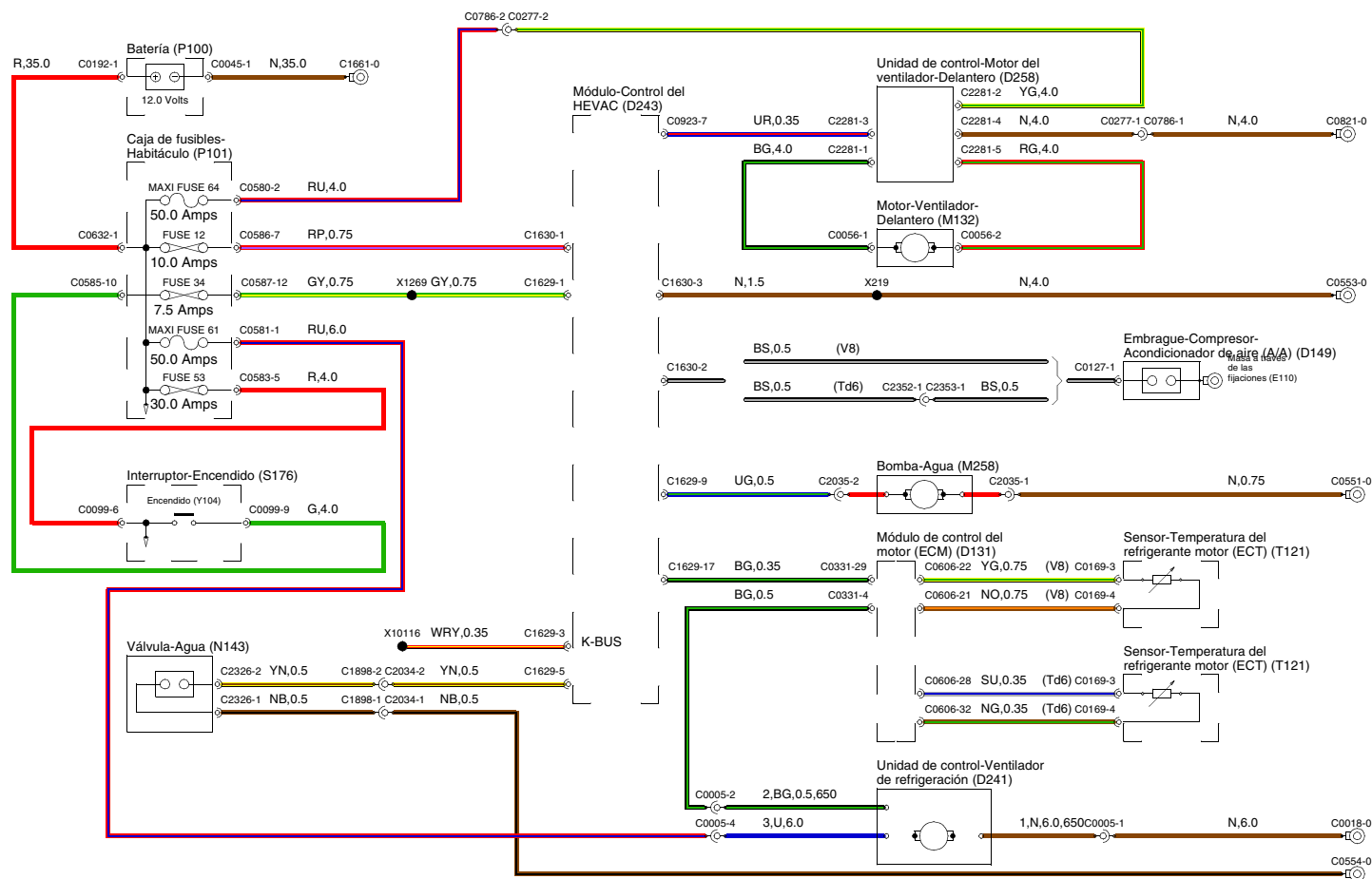


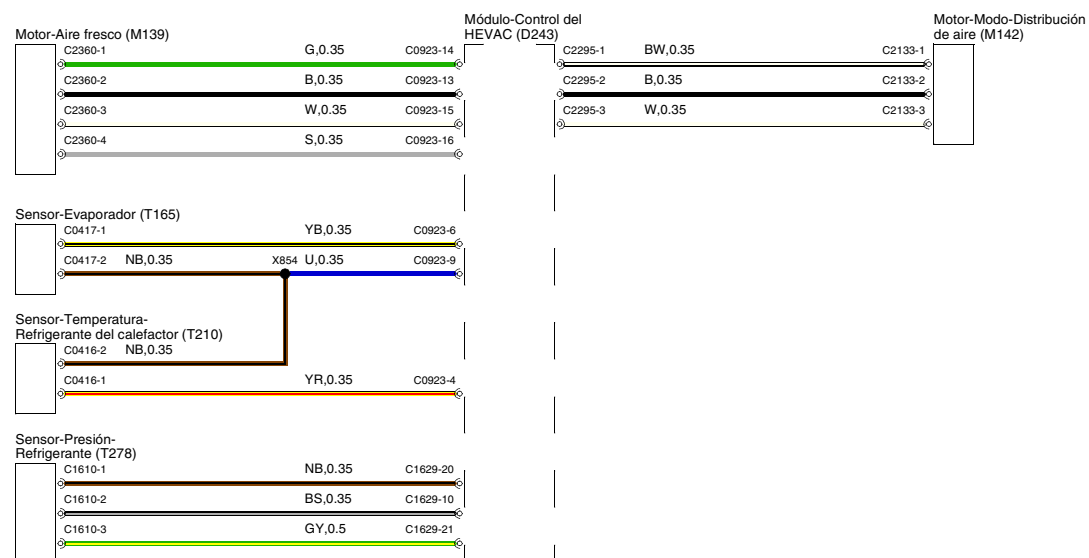


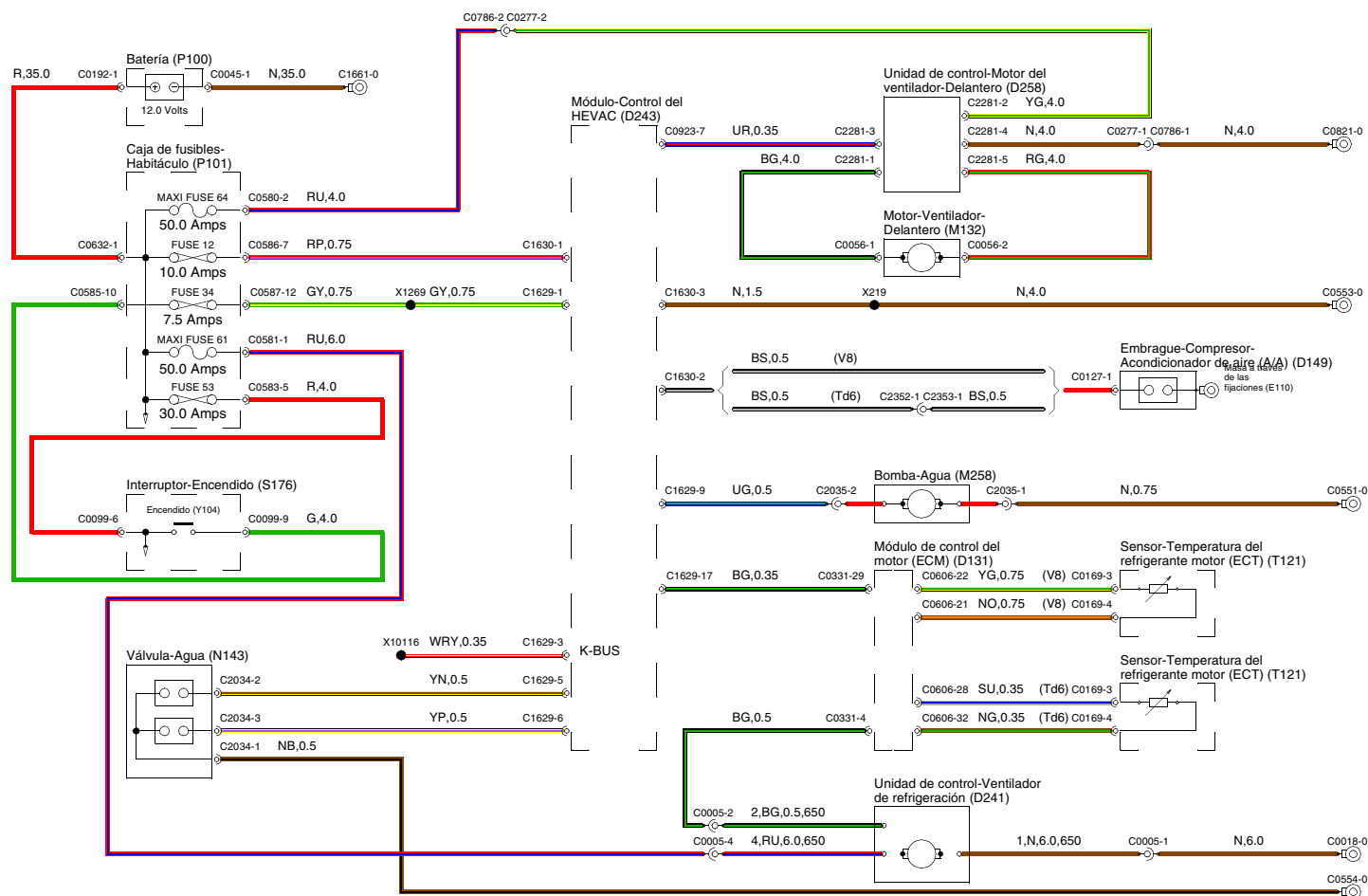
36 SISTEMA DE RETENCION SUPLEMENTARIO (SRS)

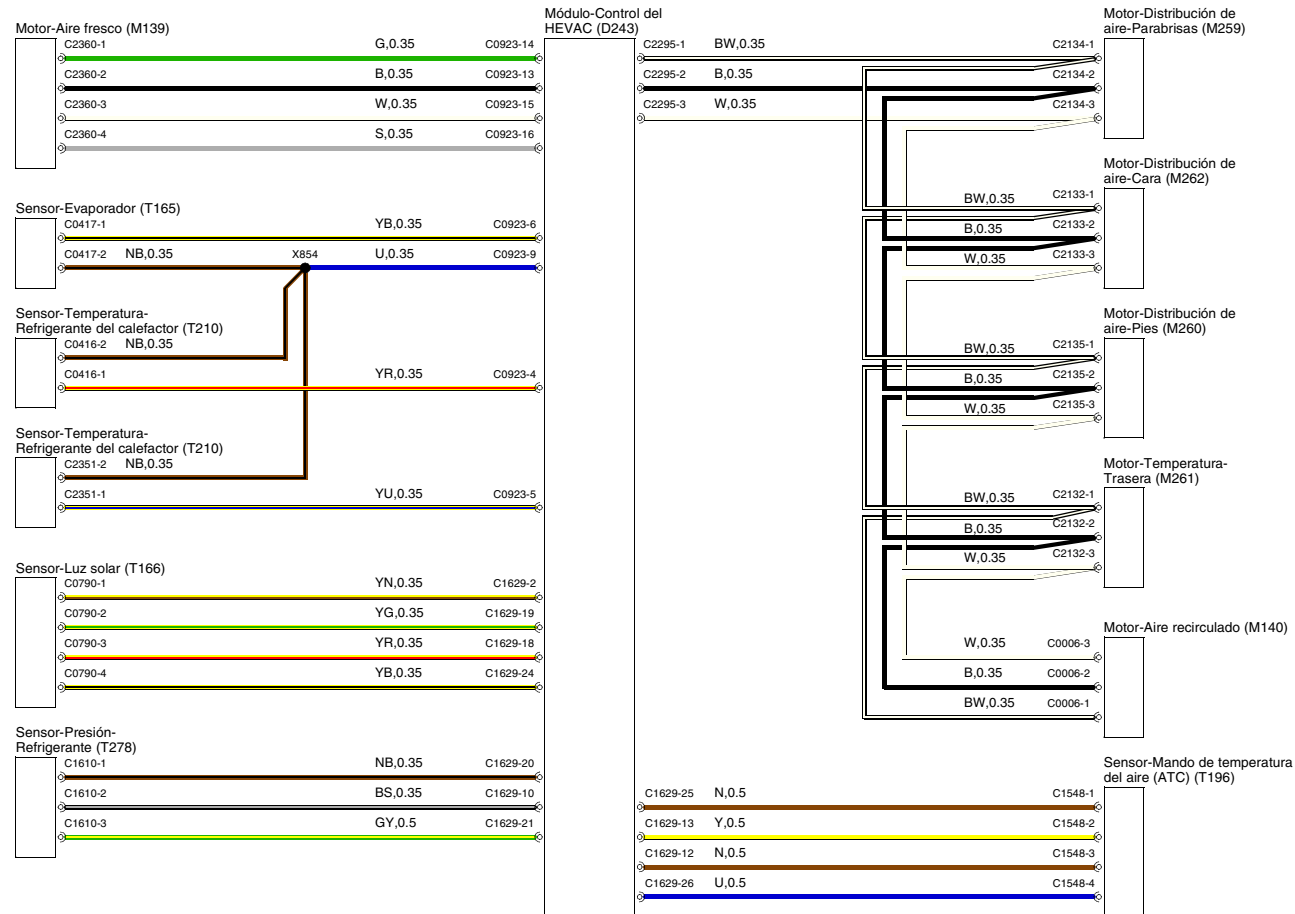


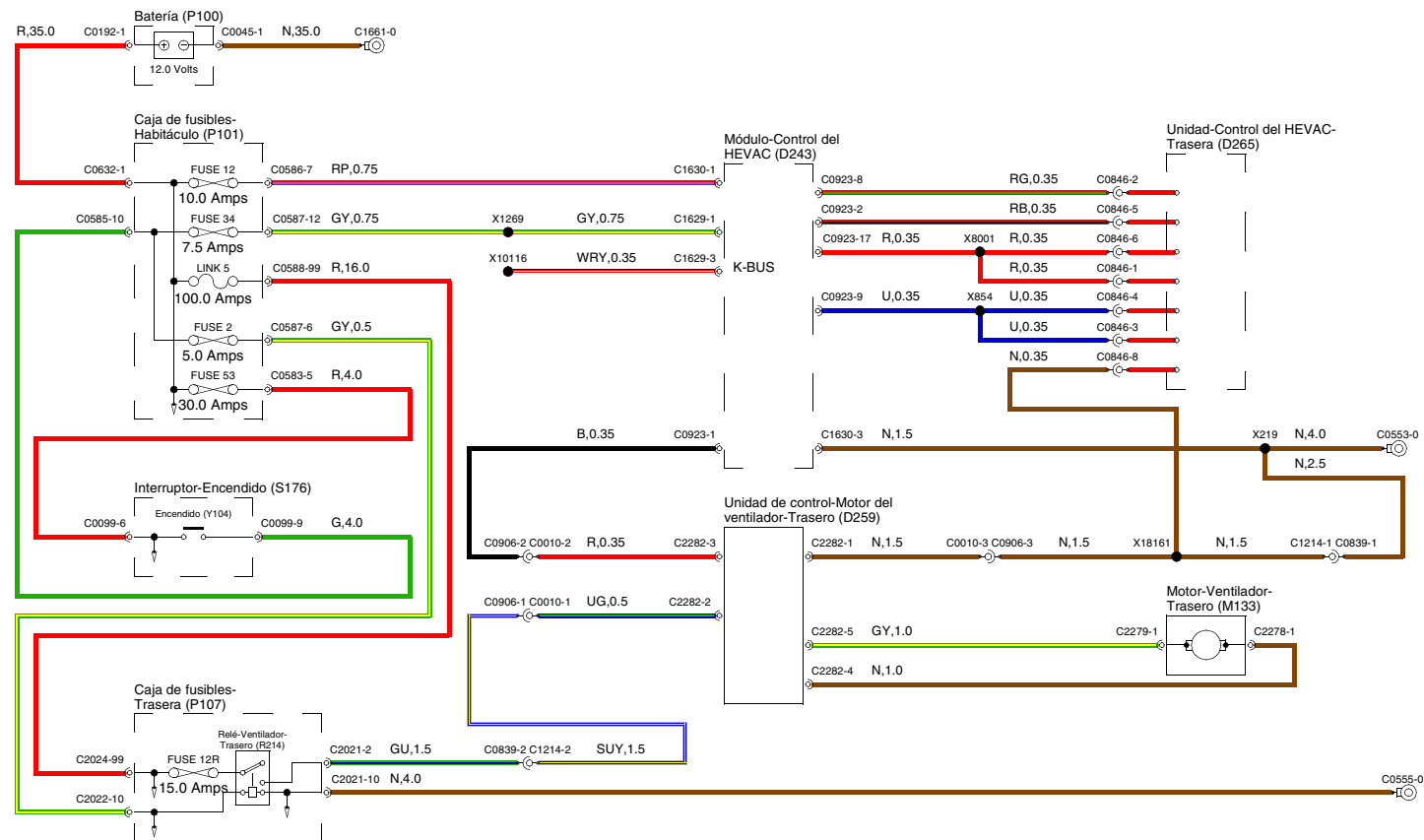


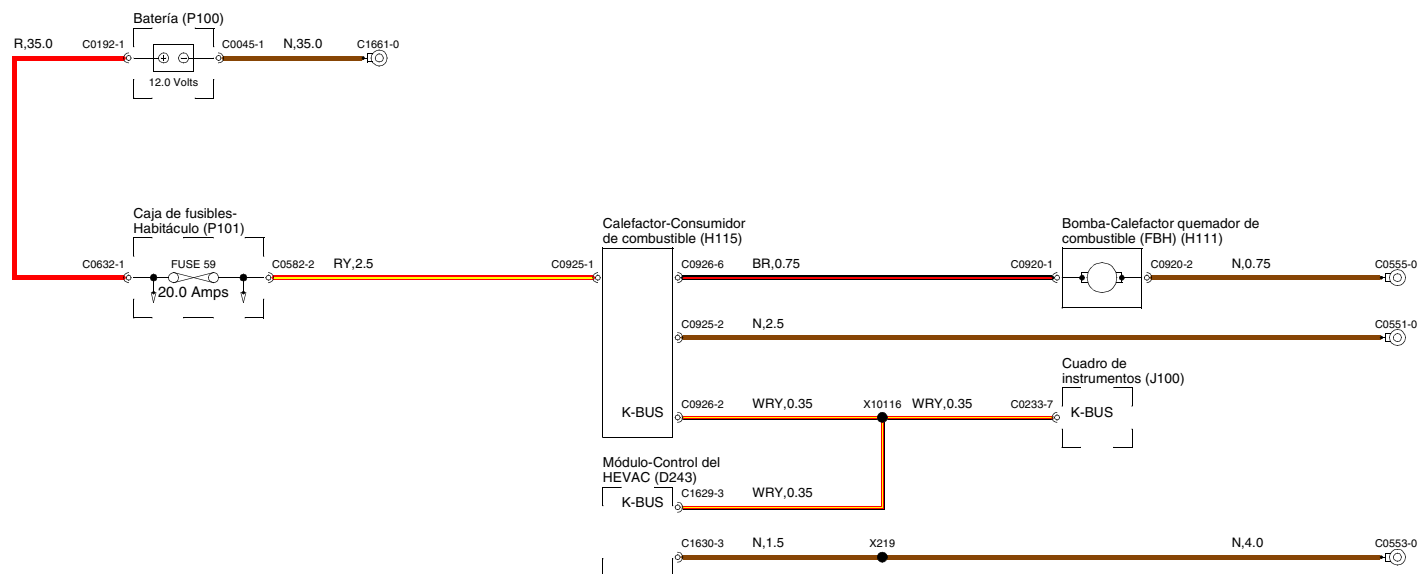


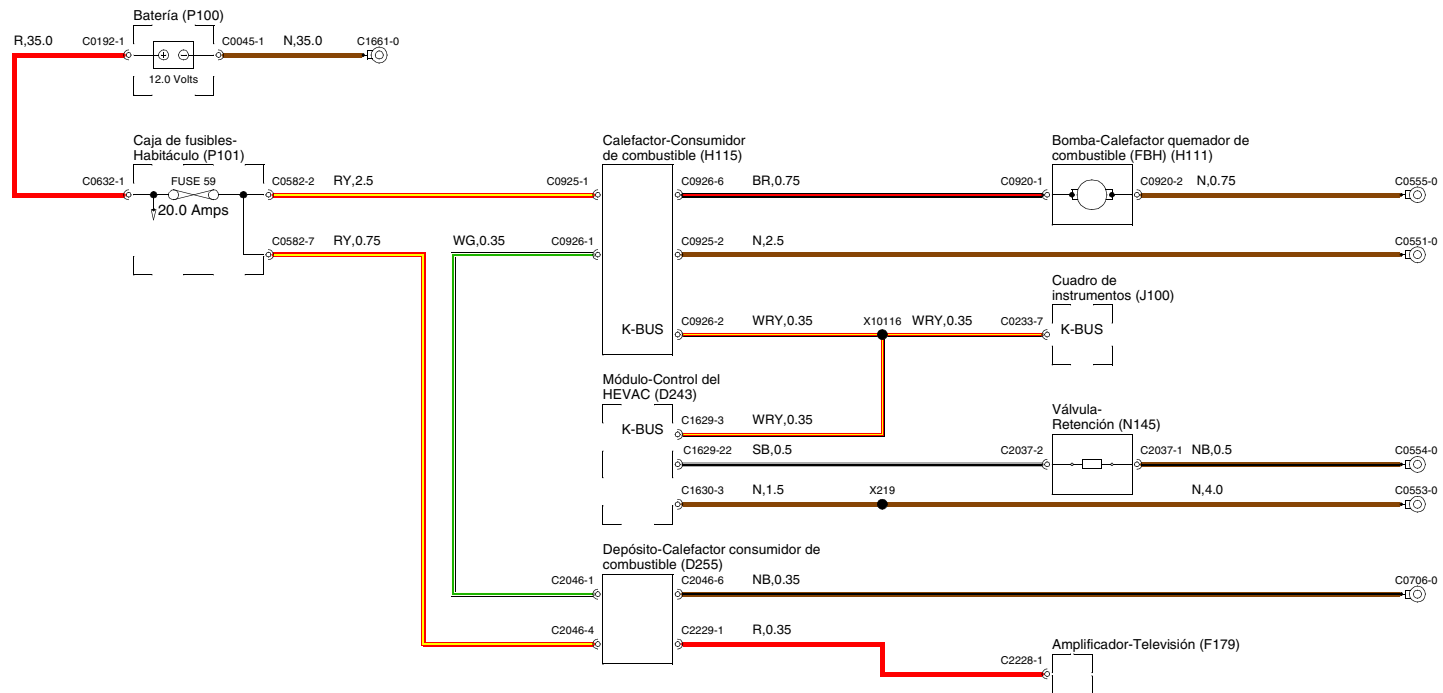




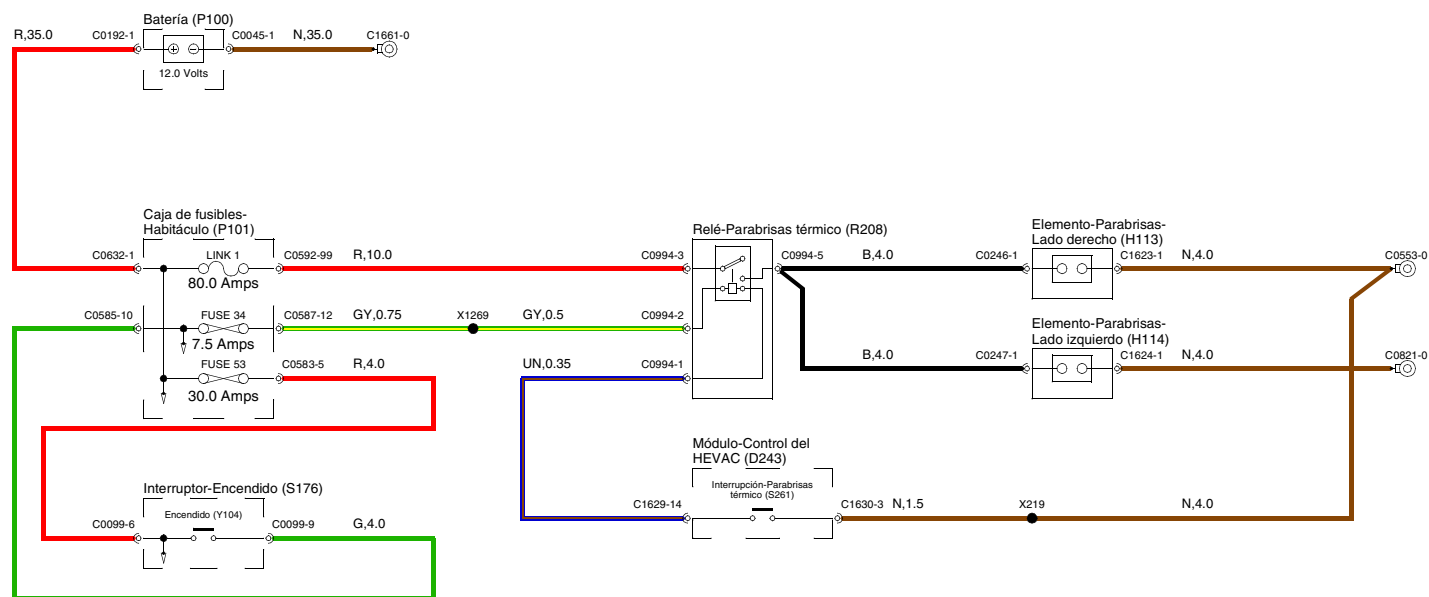


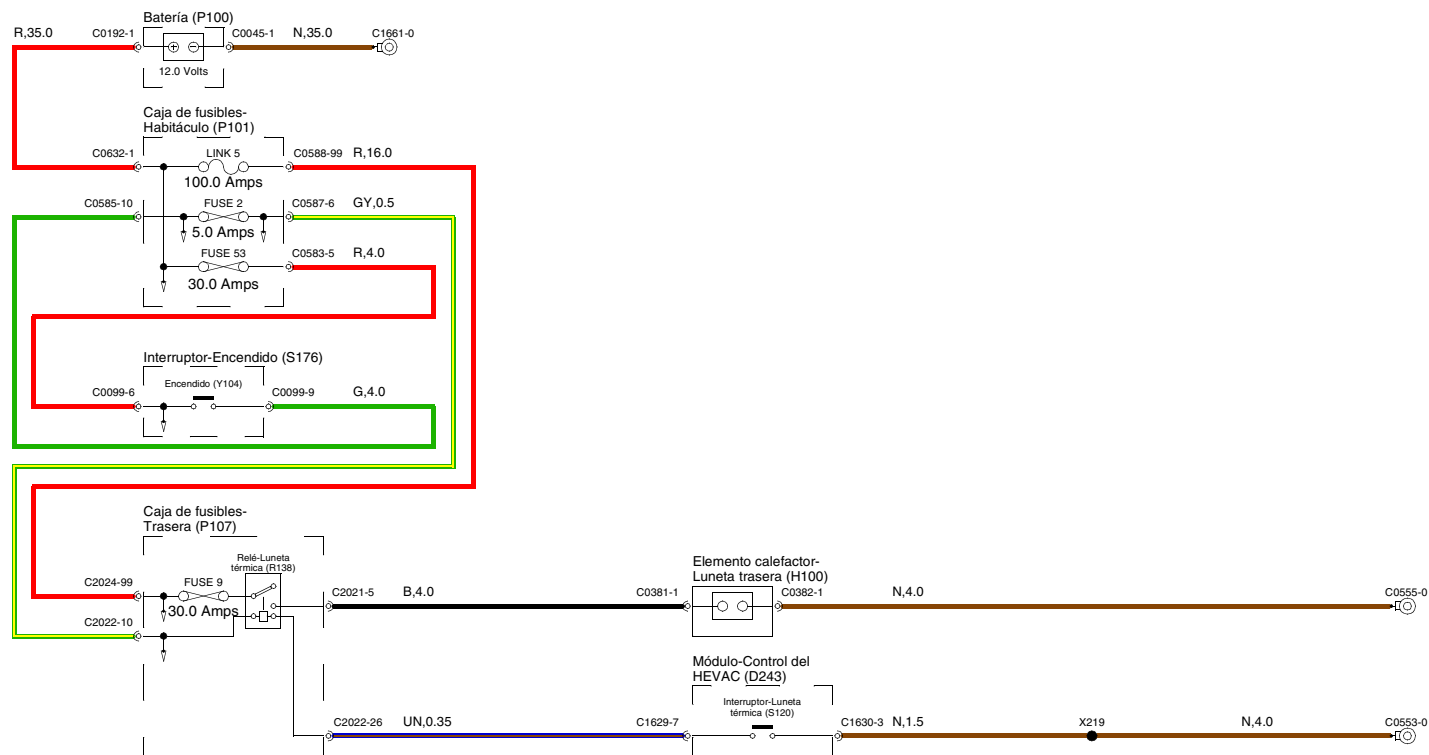


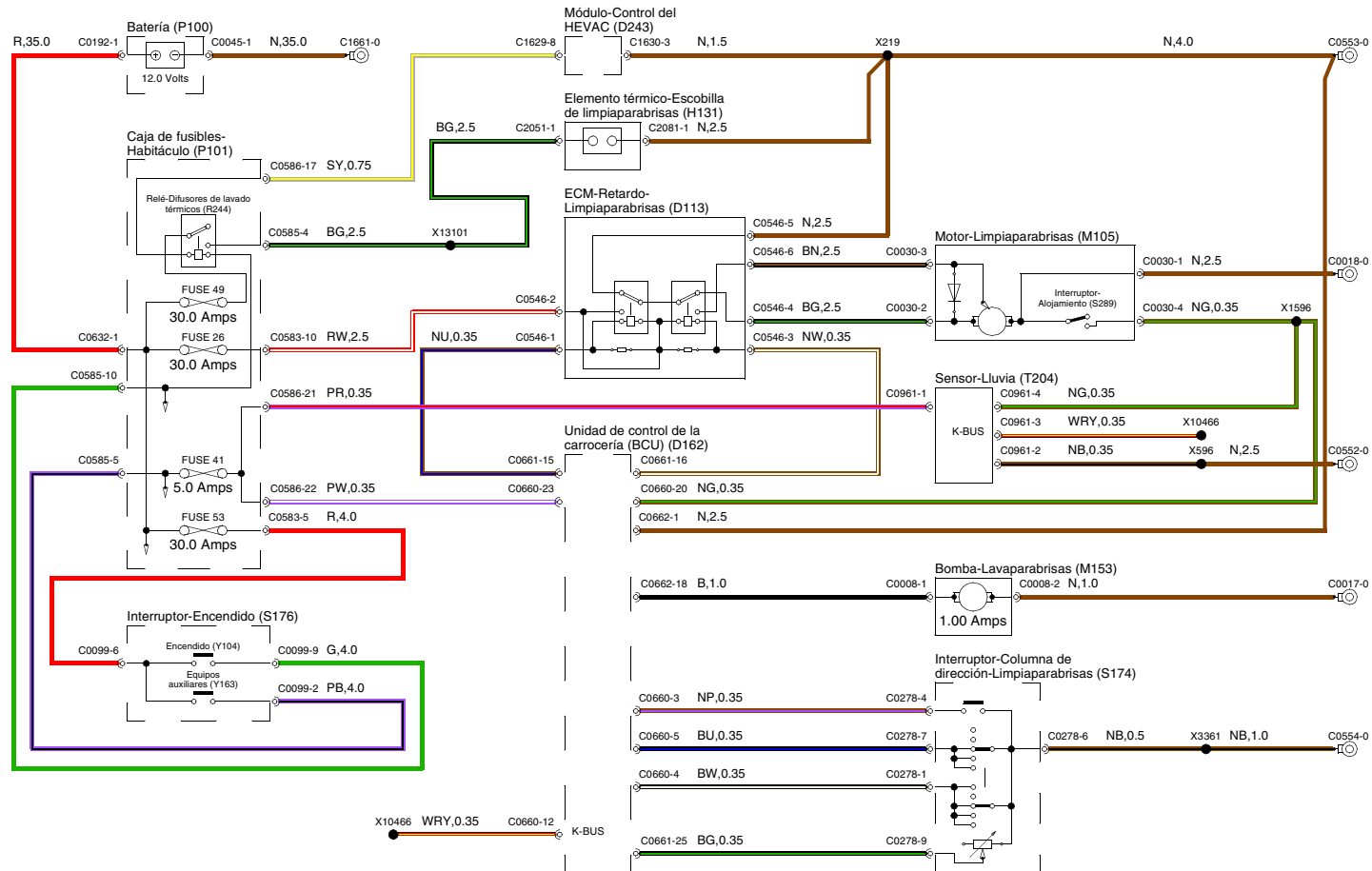


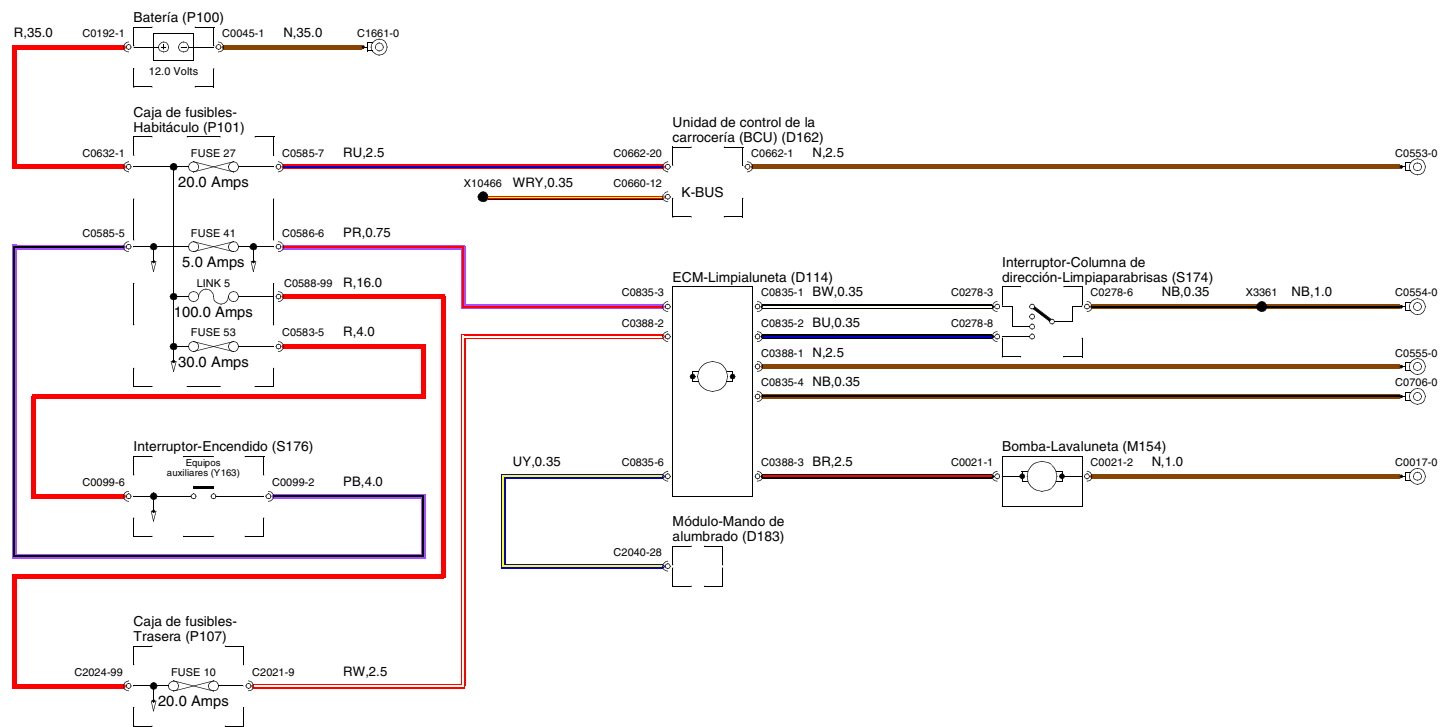


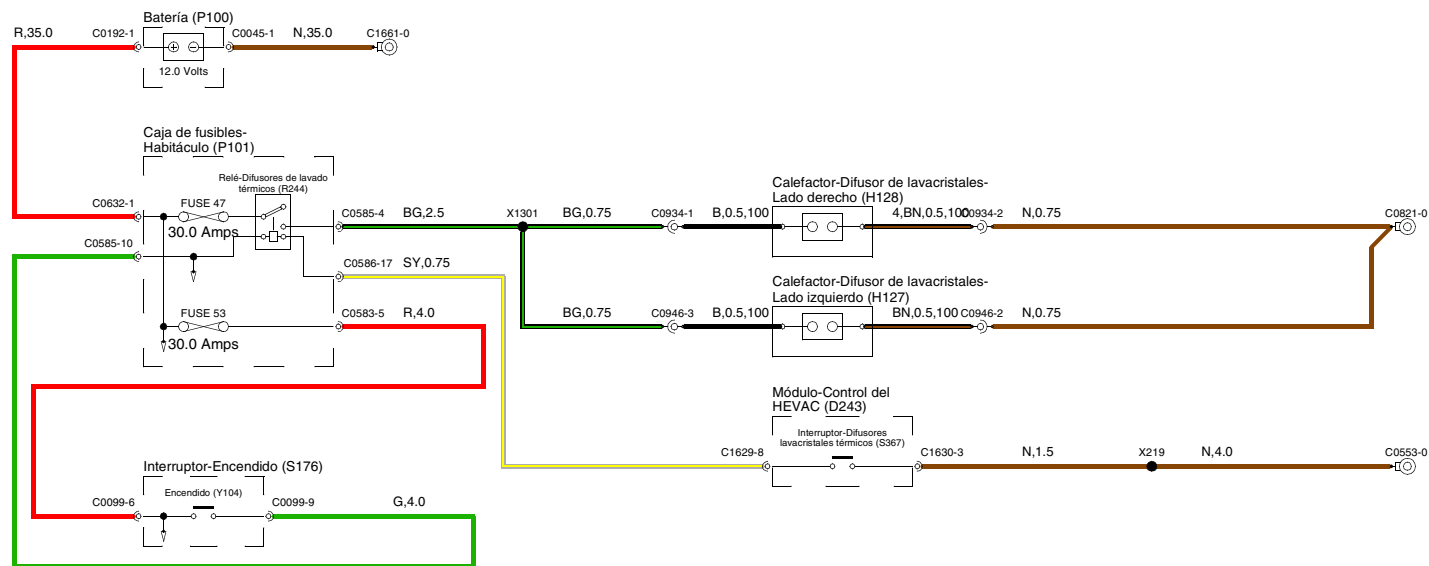
40 PARABRISAS TERMICO

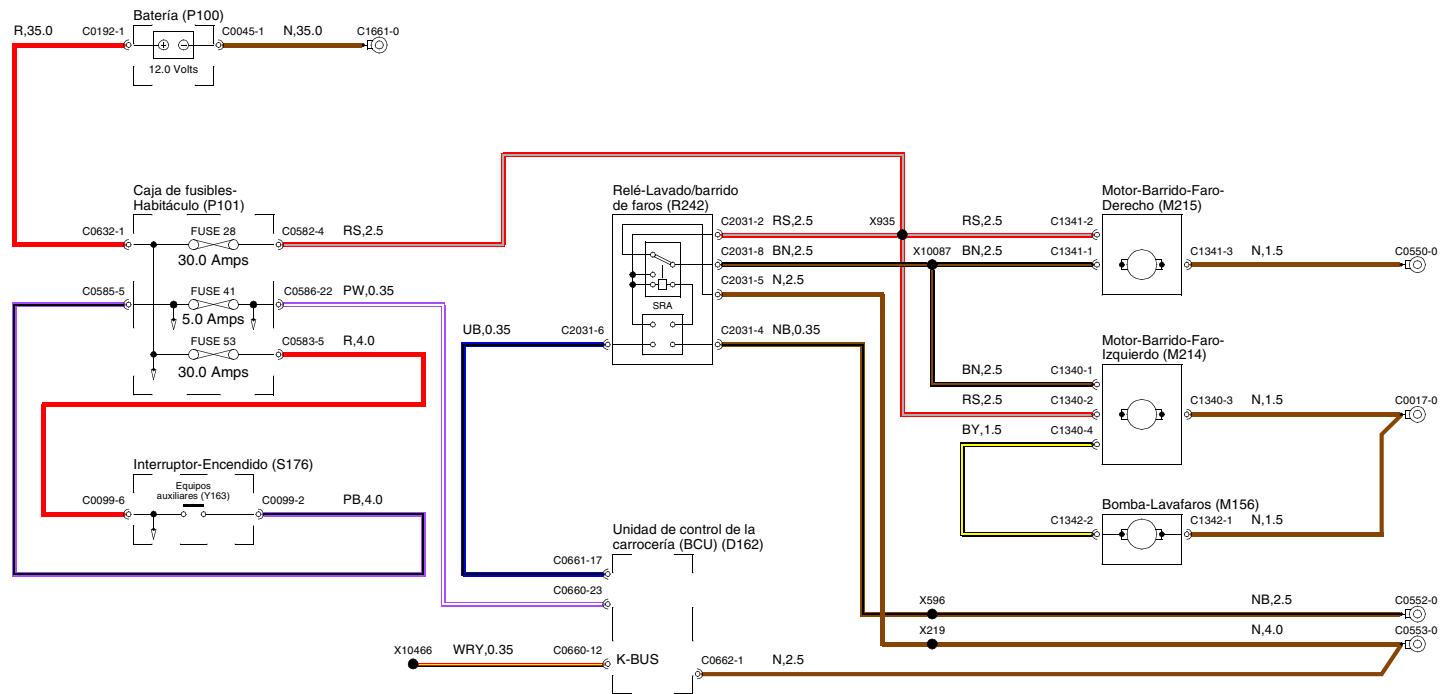


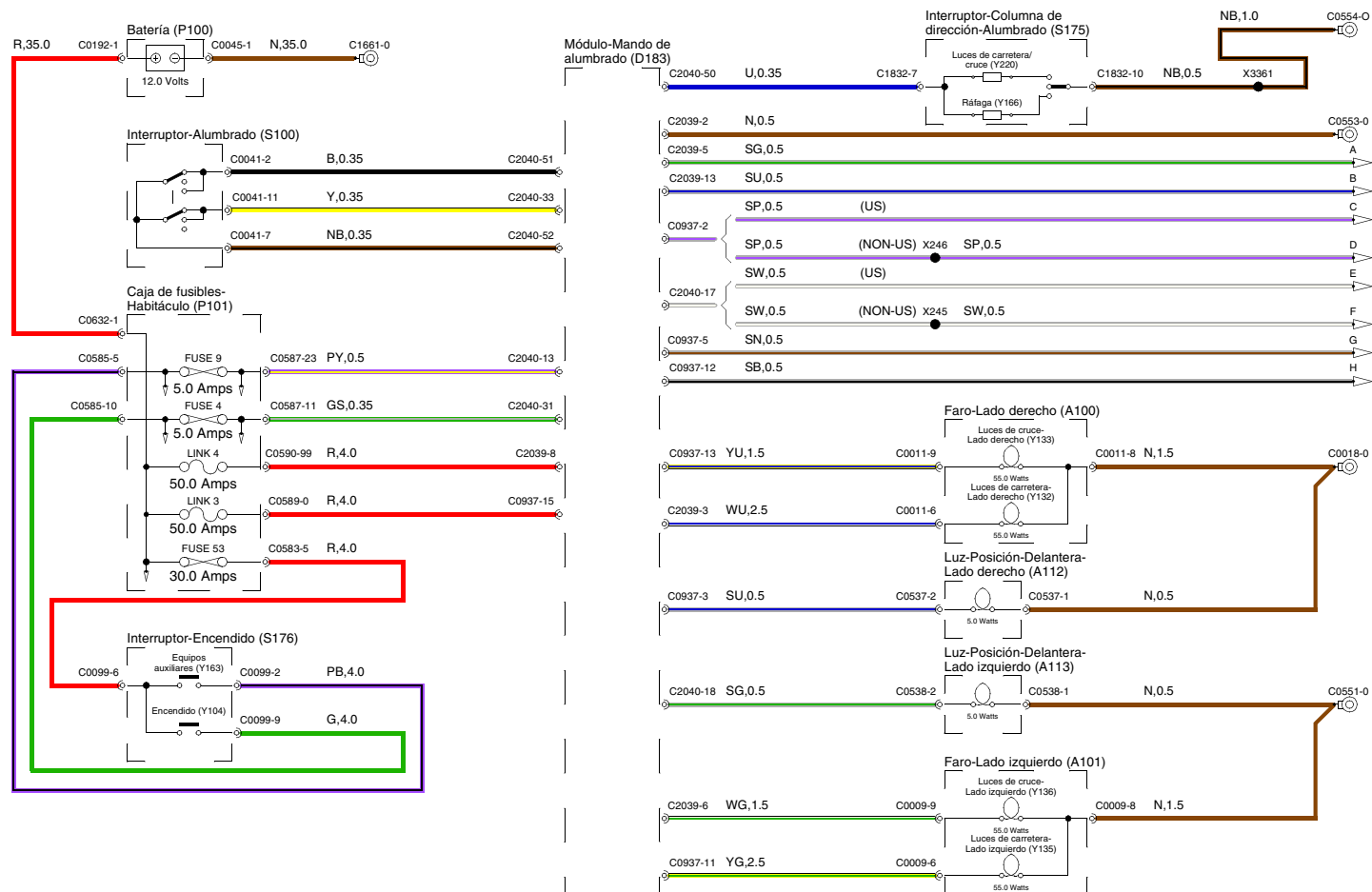


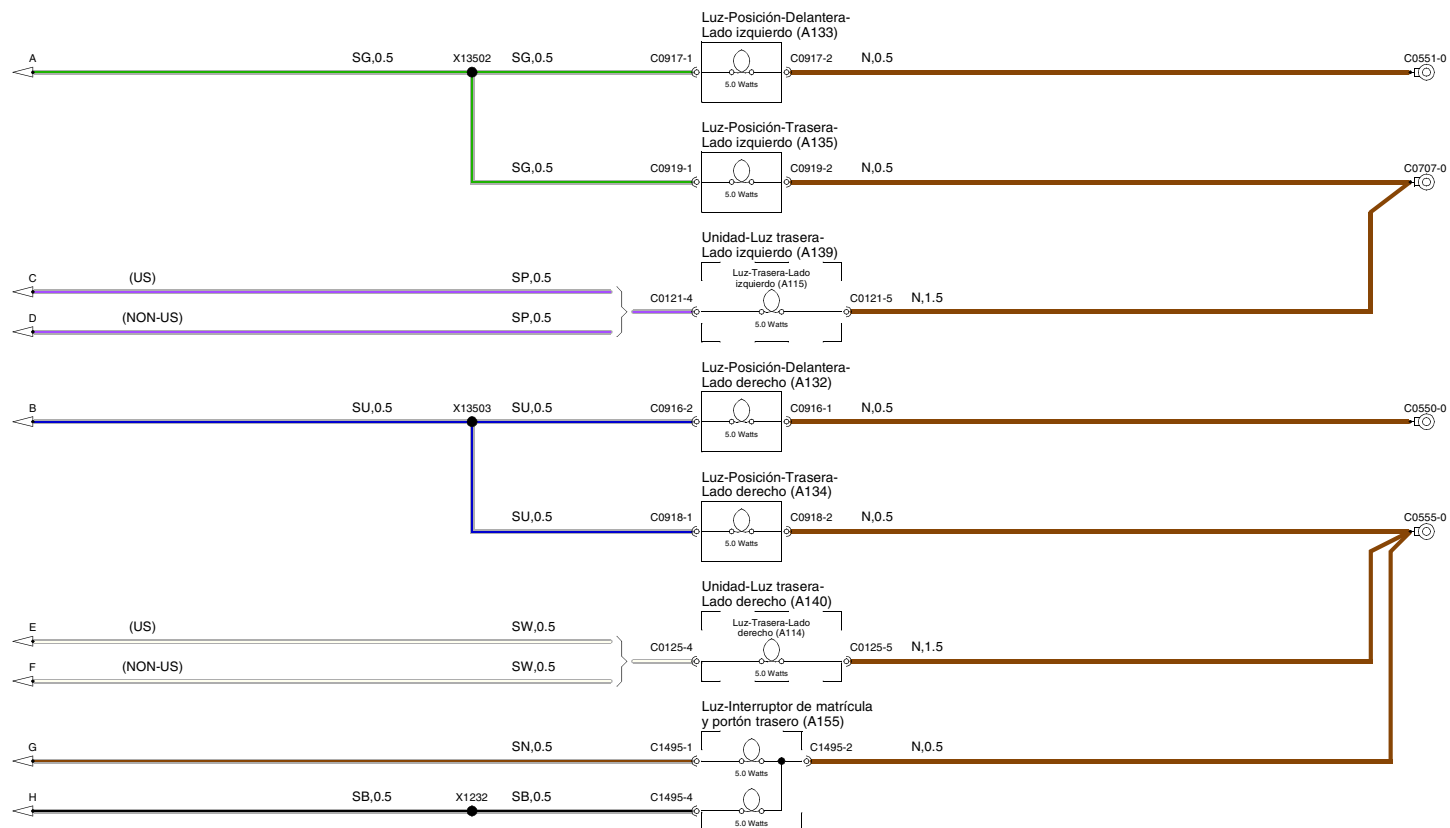


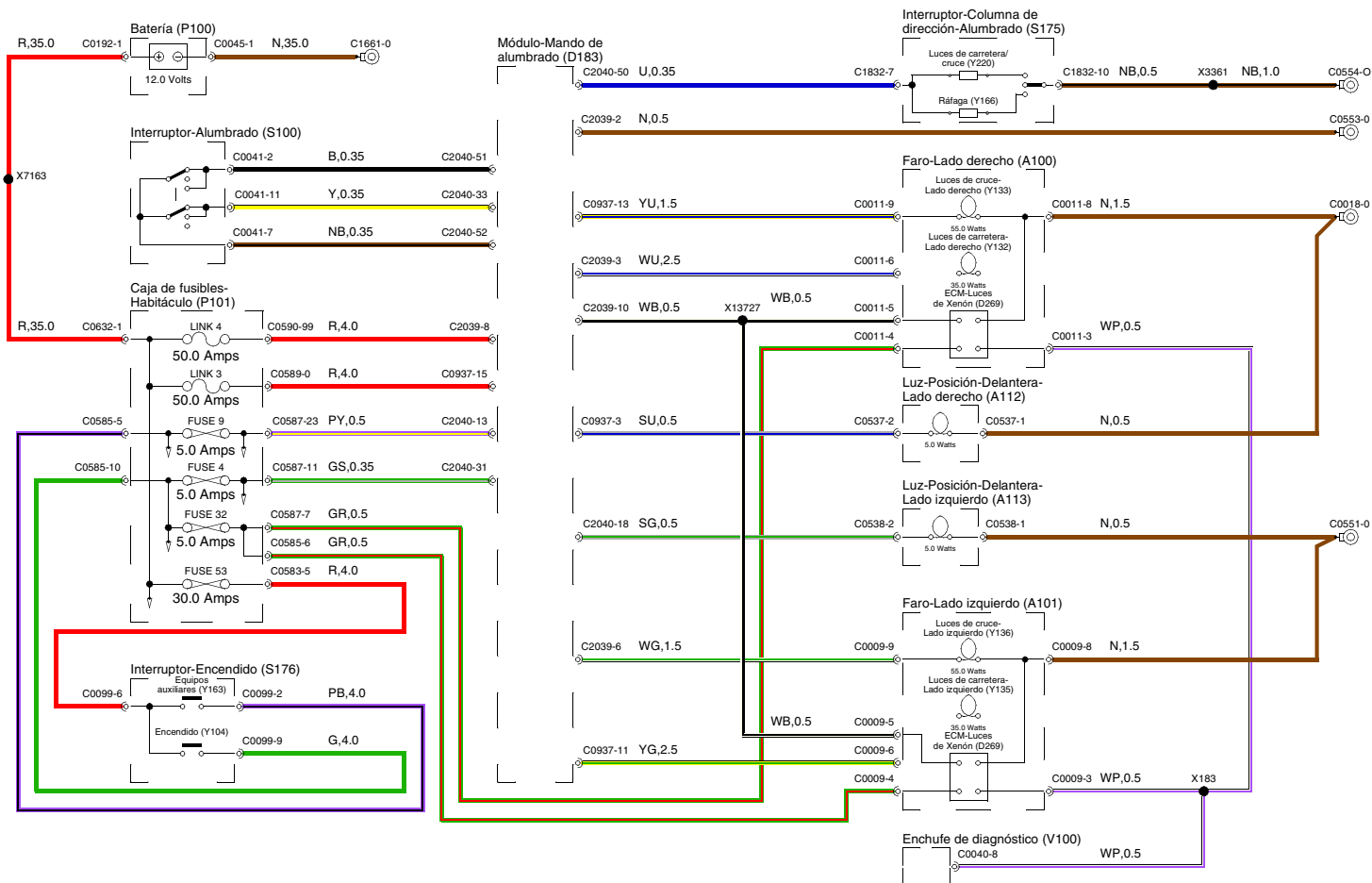


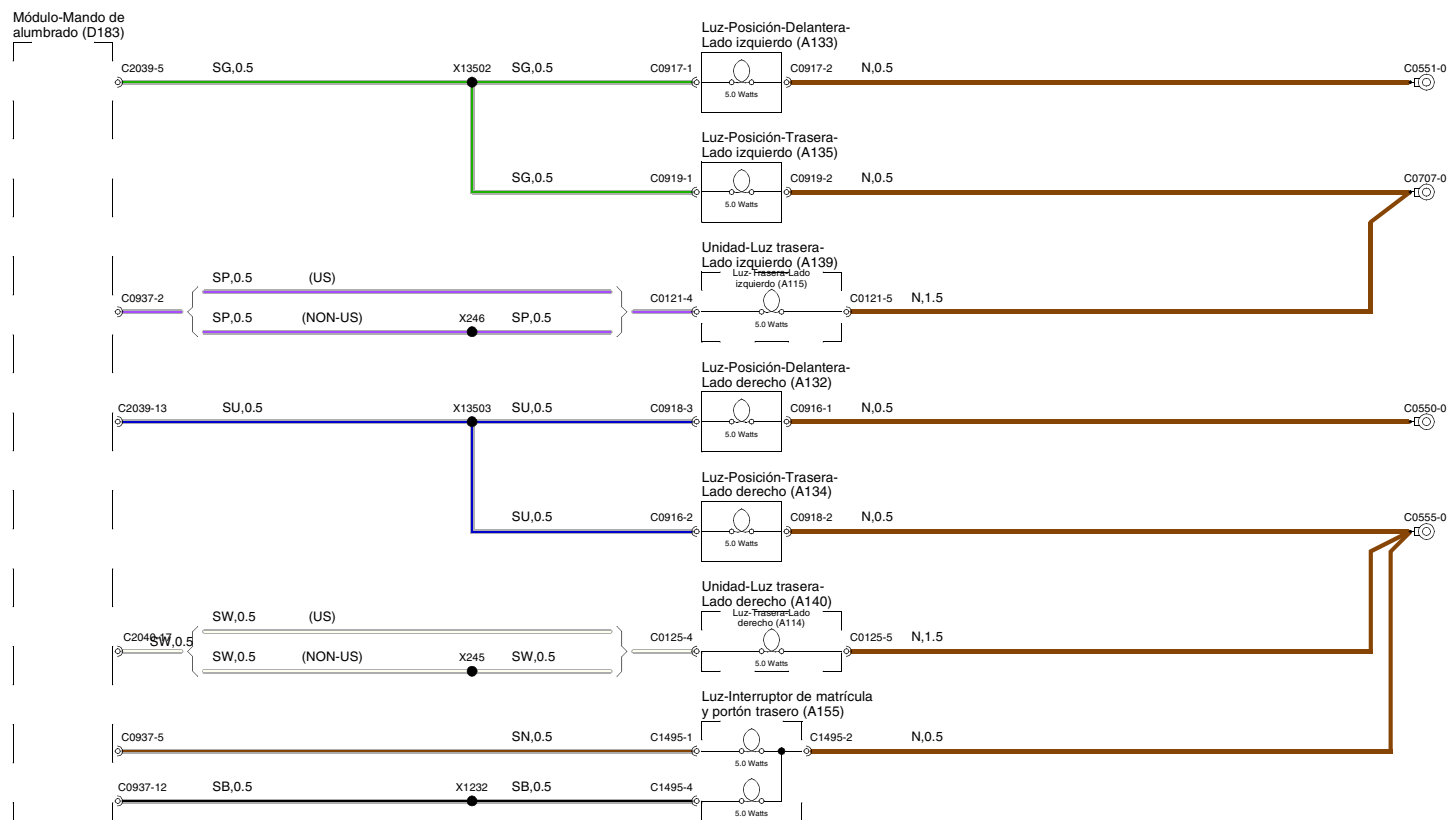


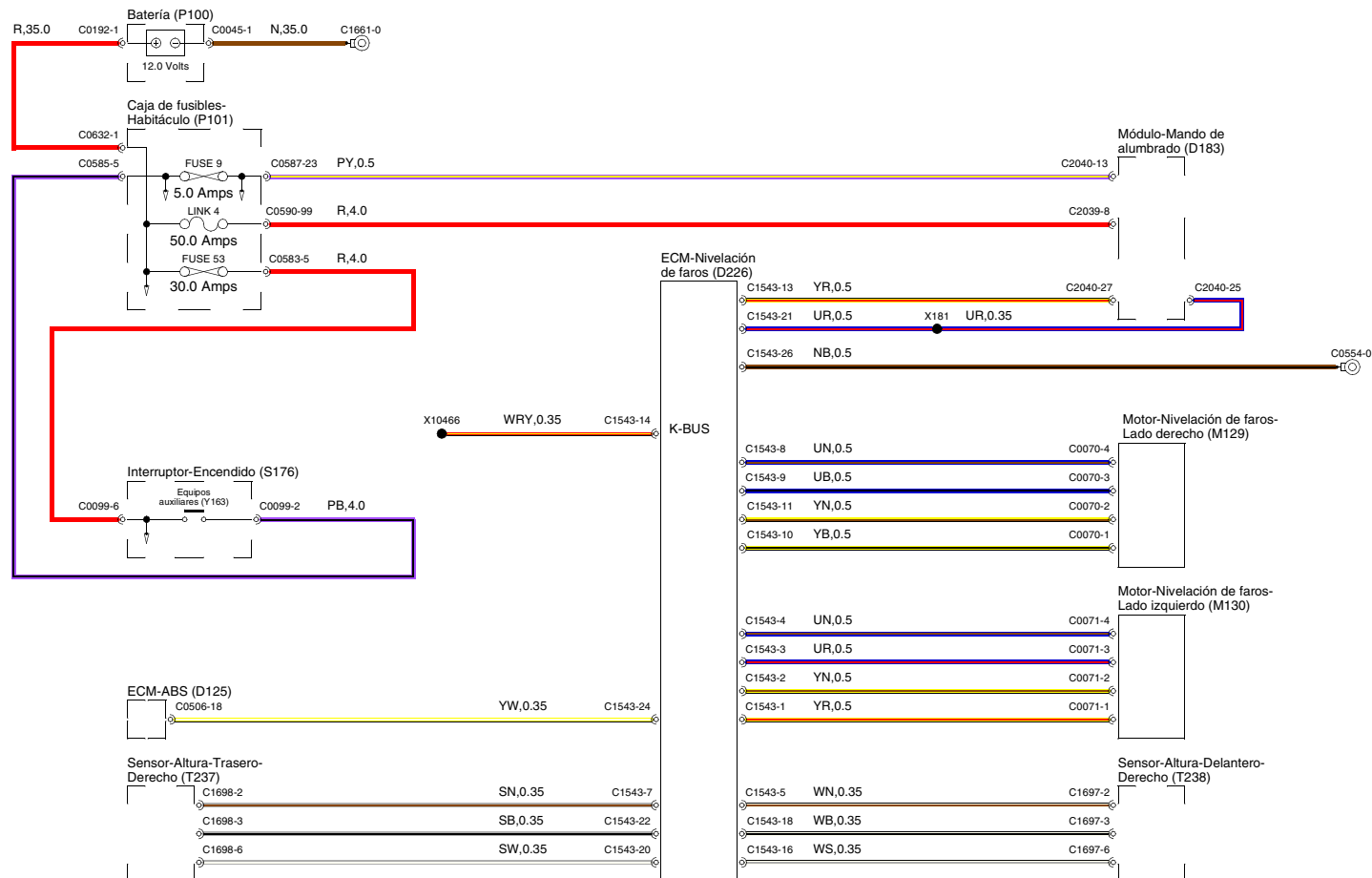


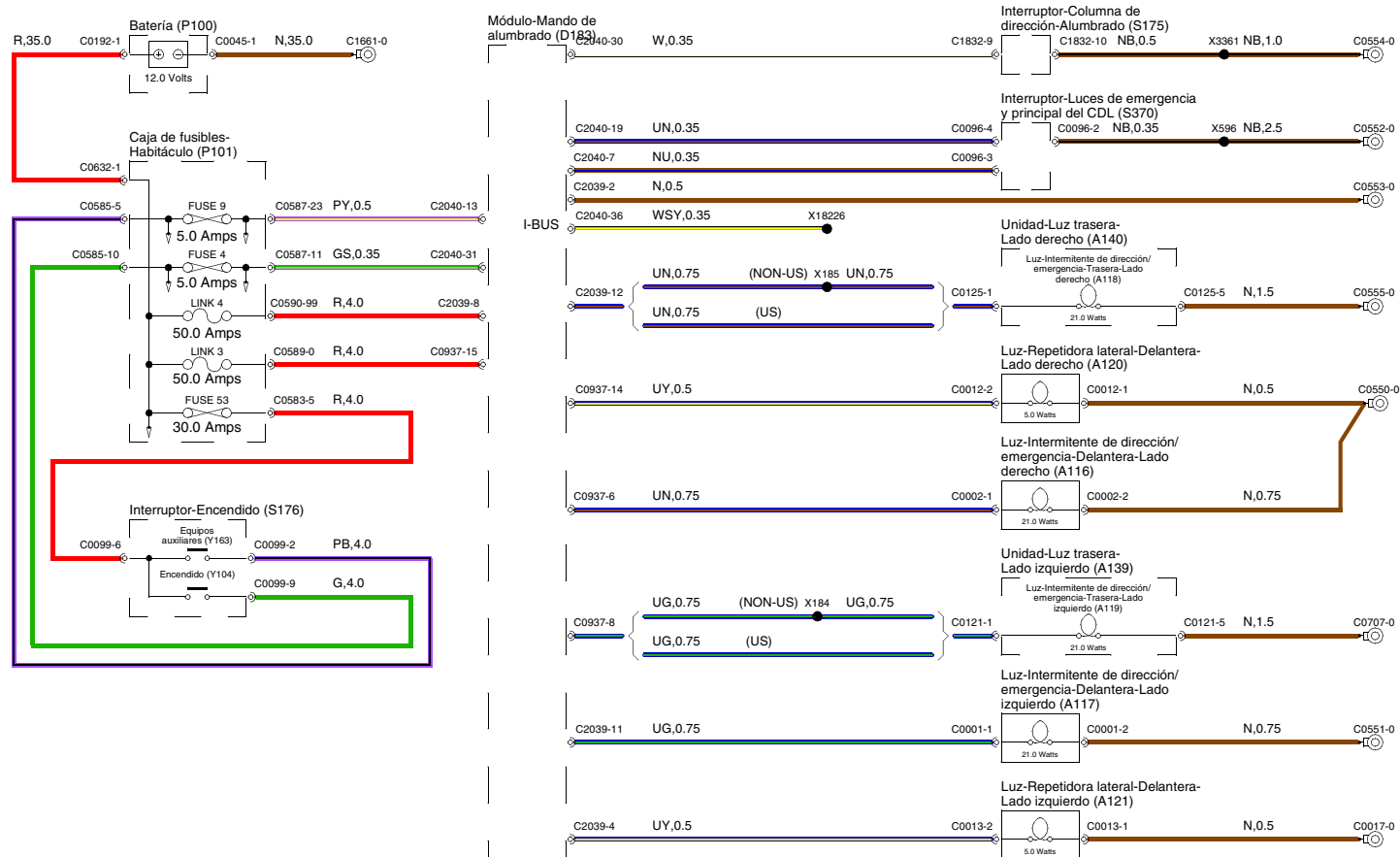


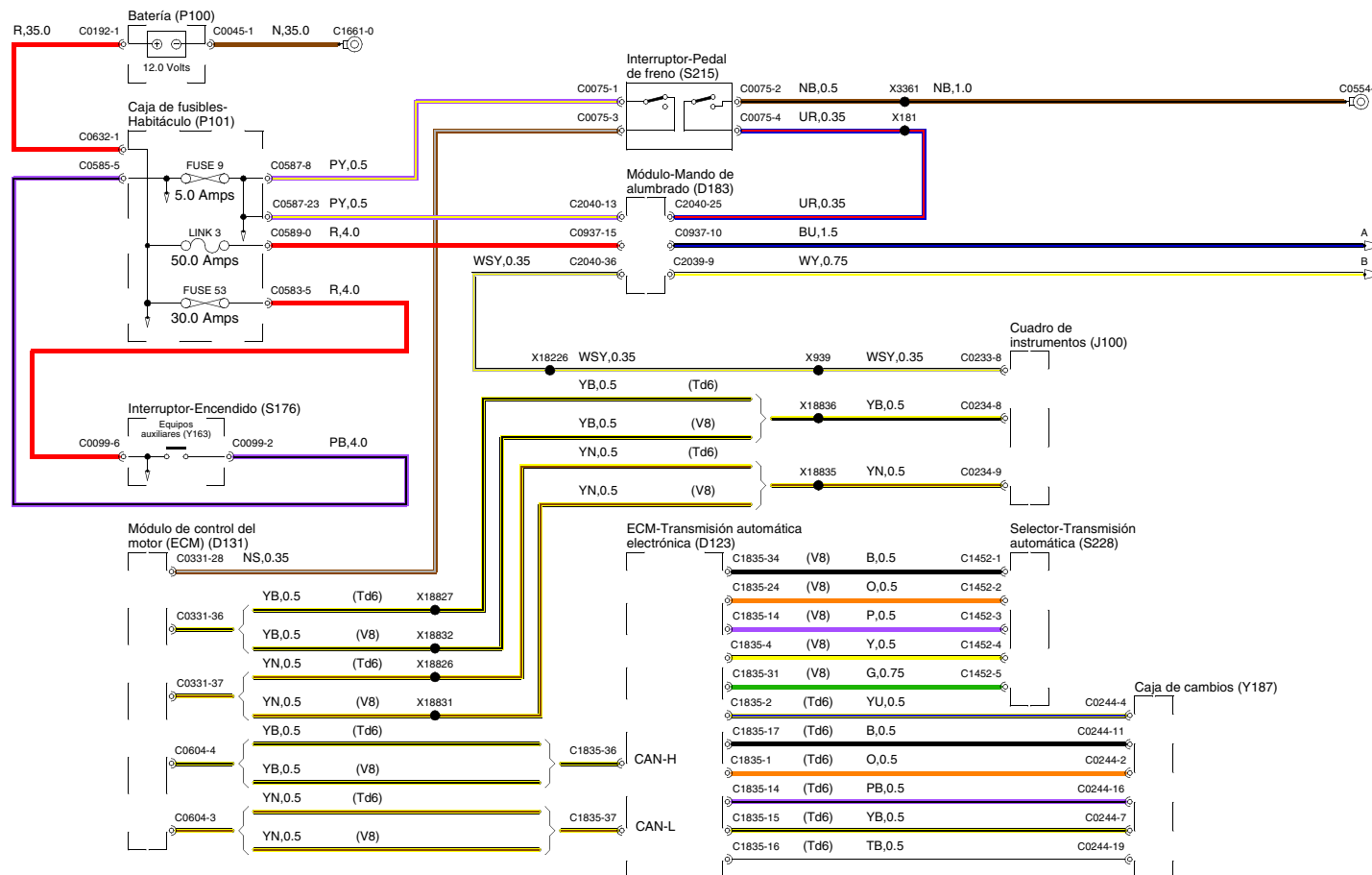


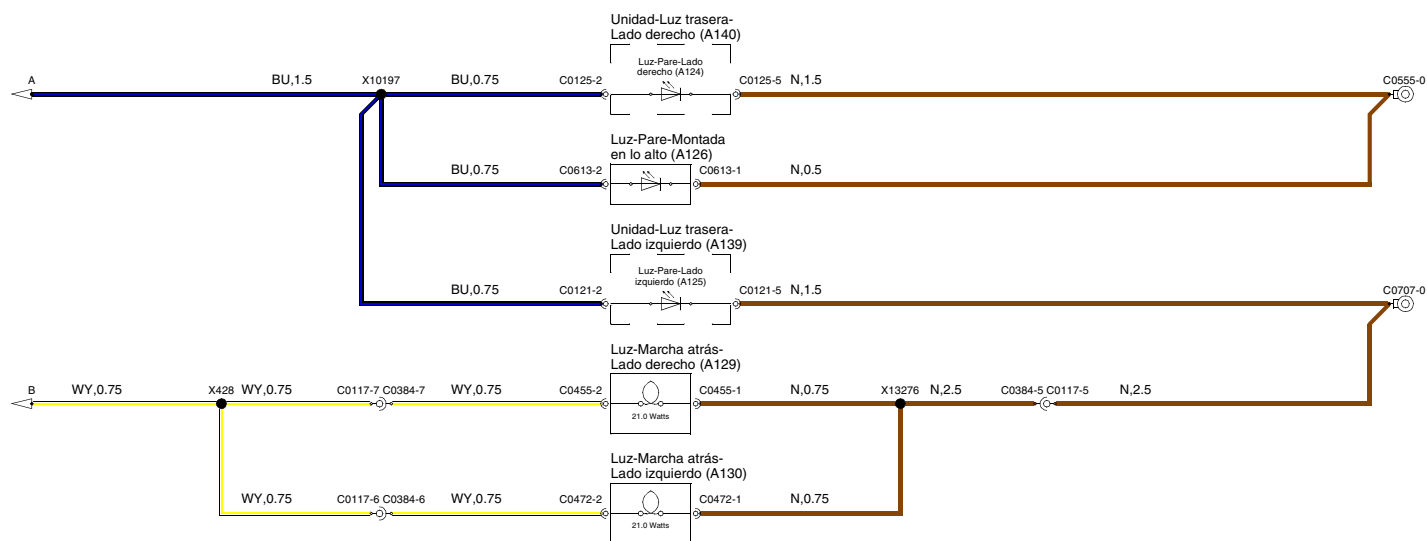


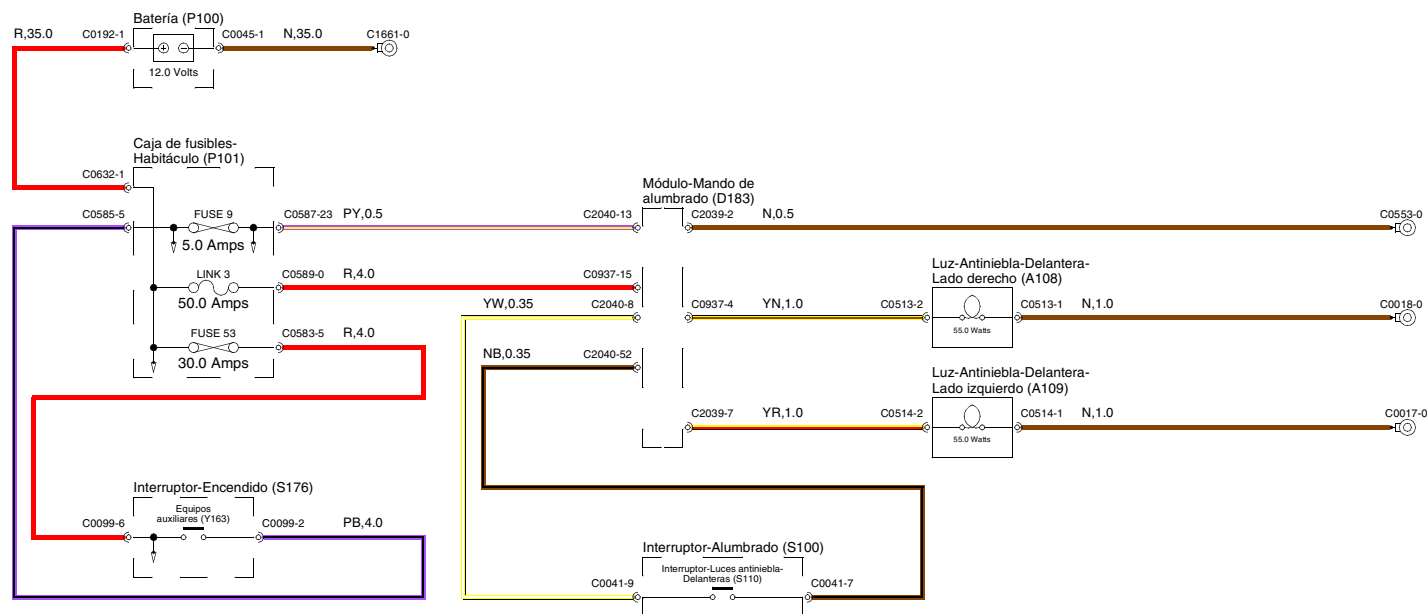


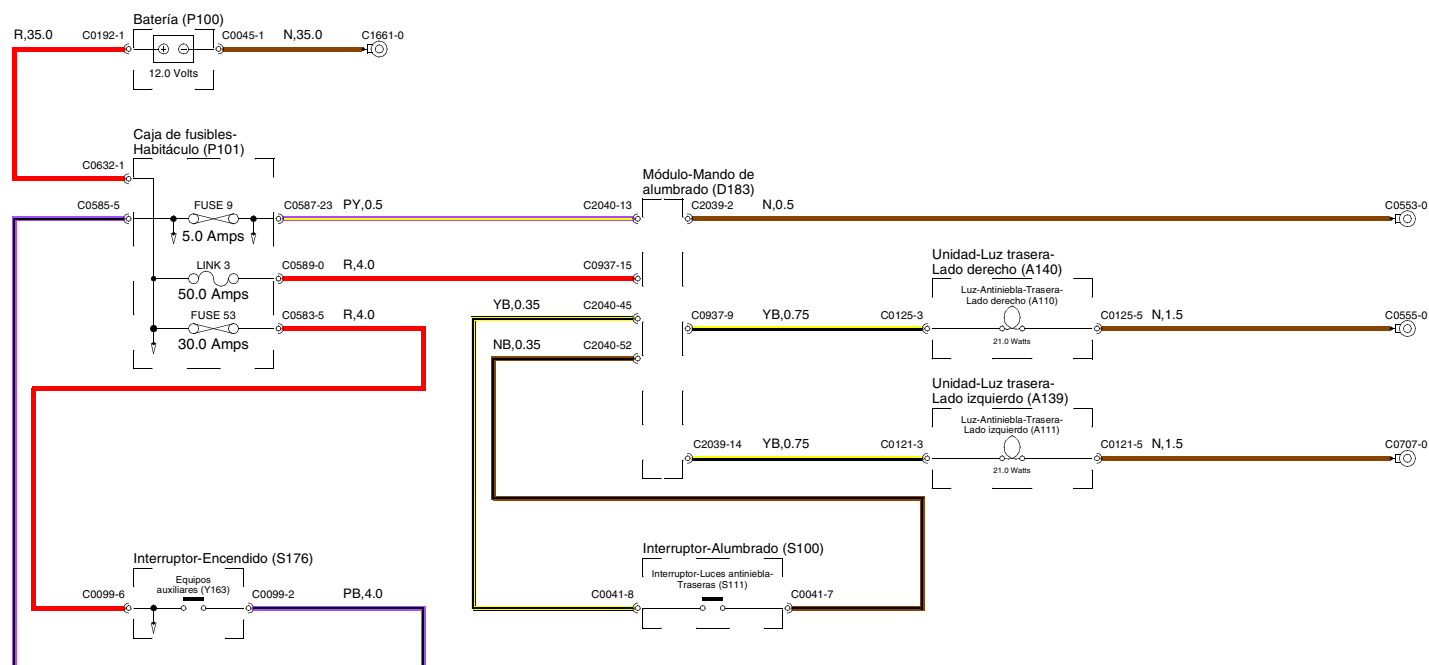


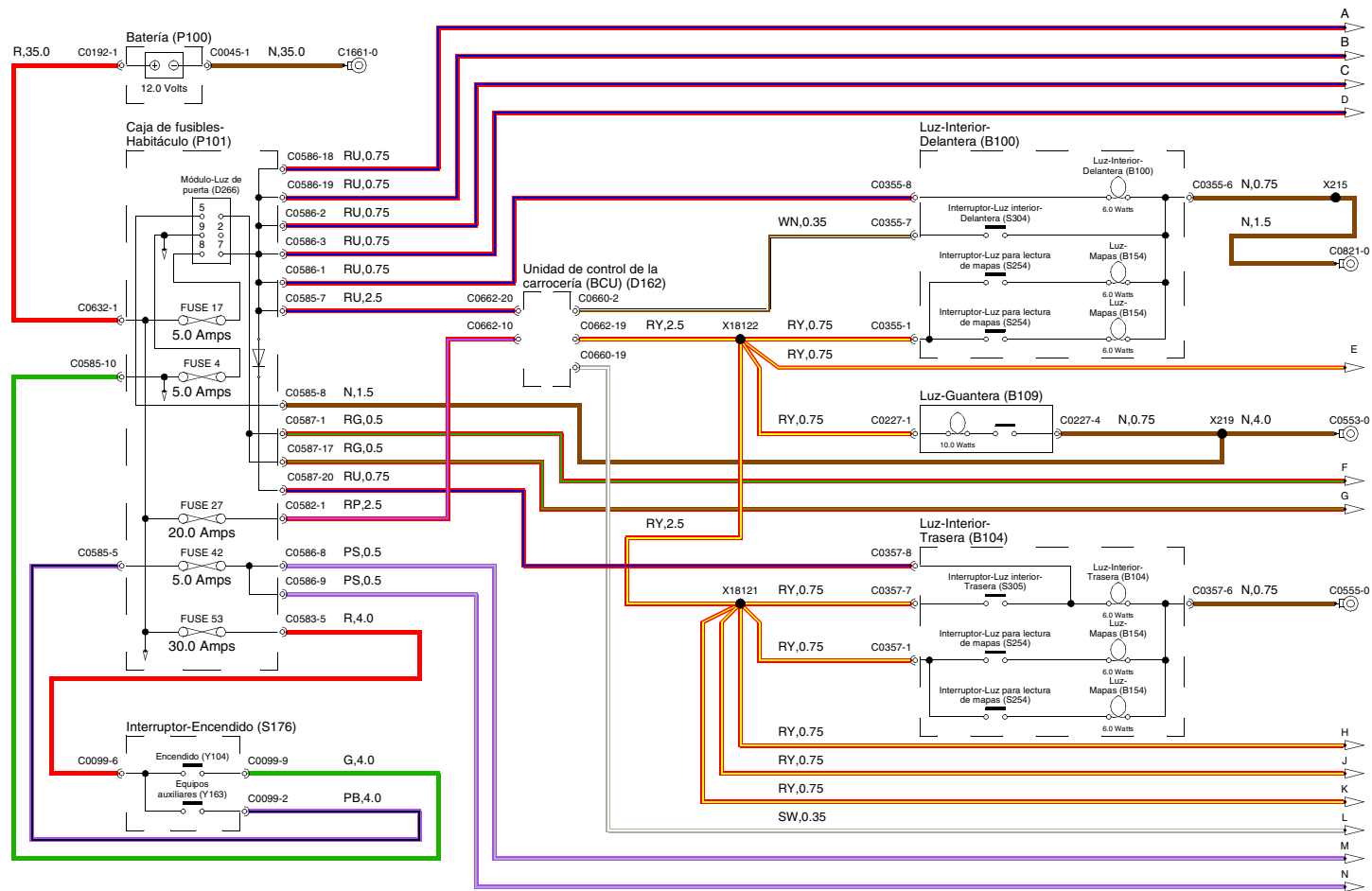


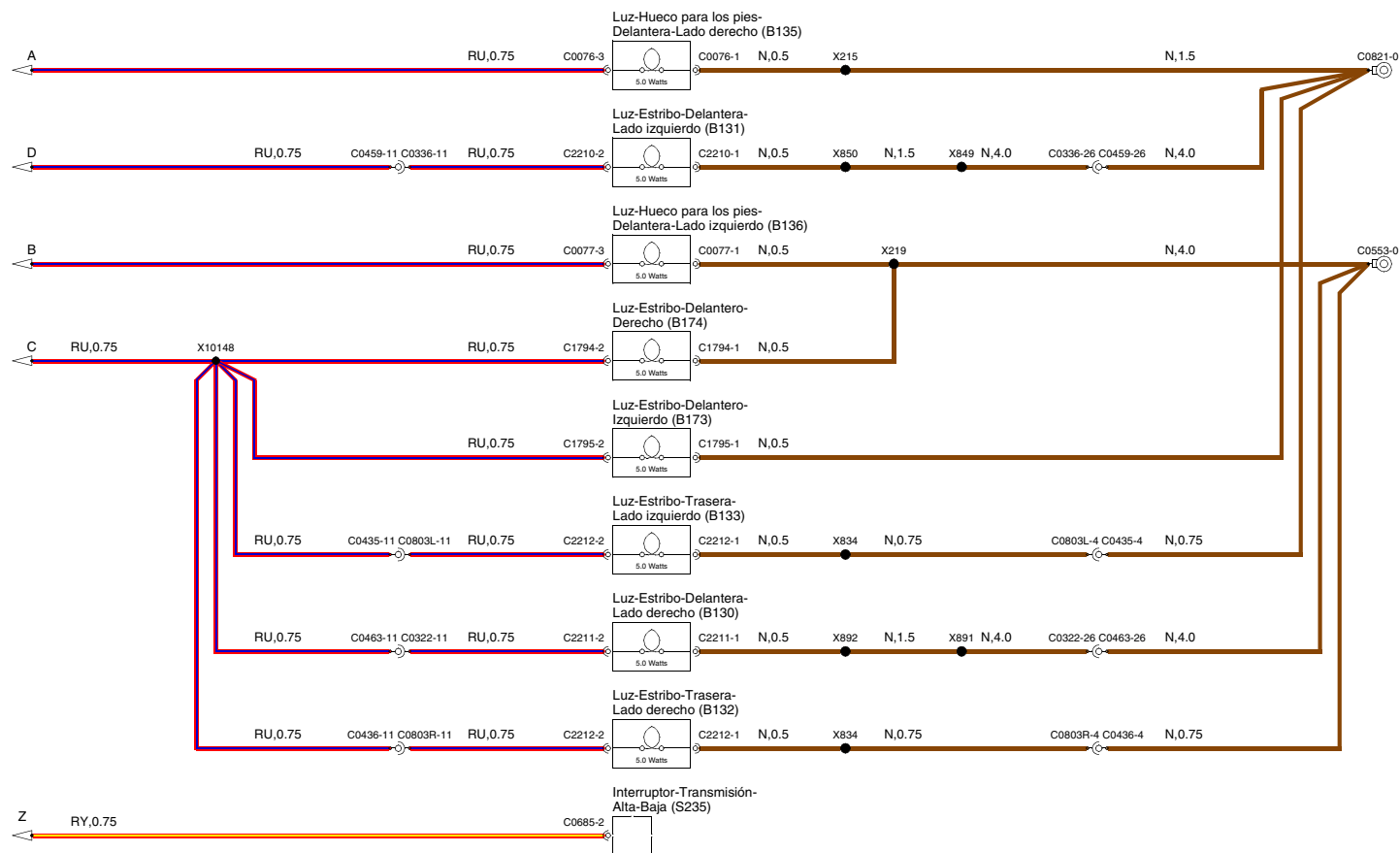




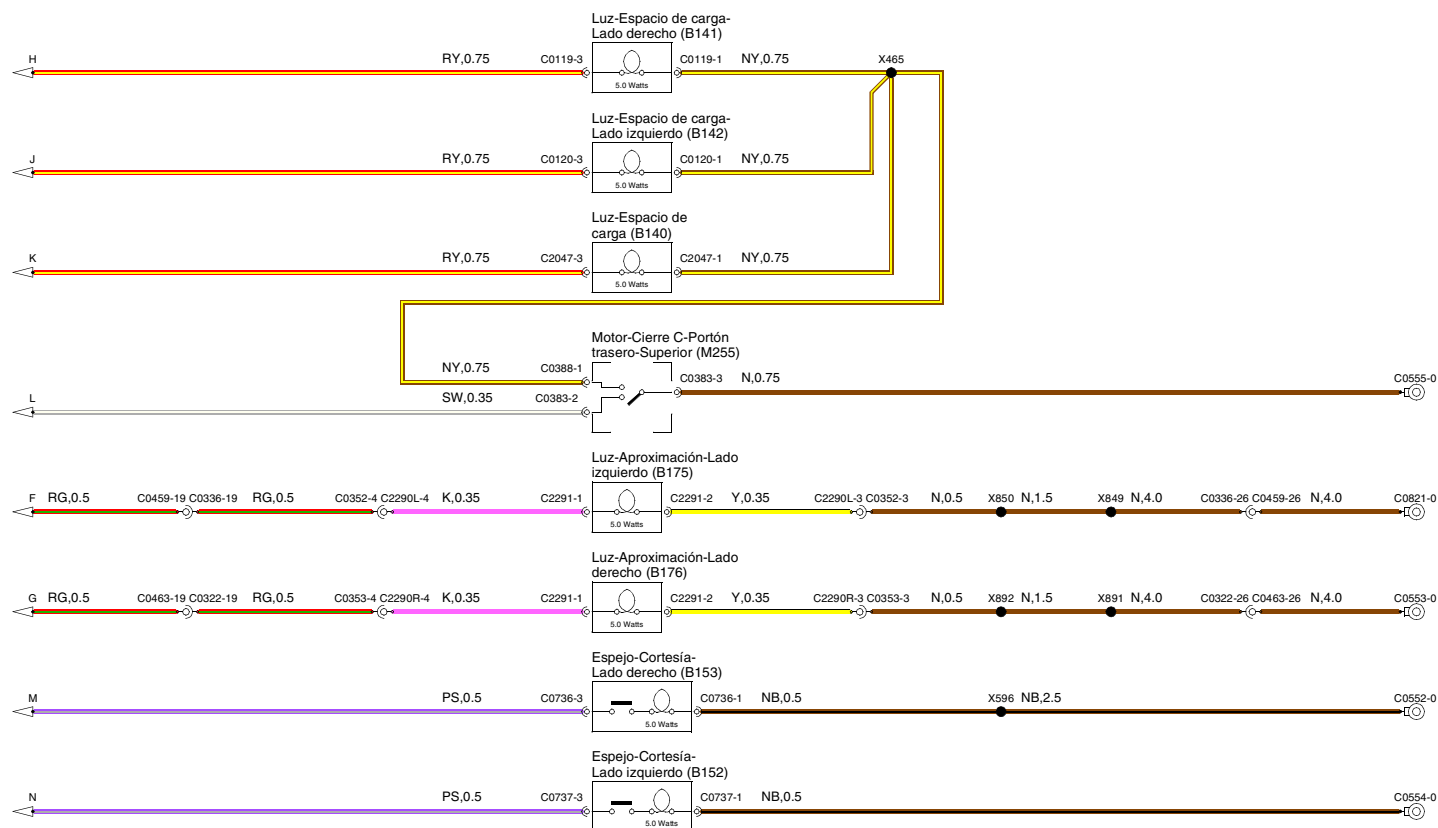




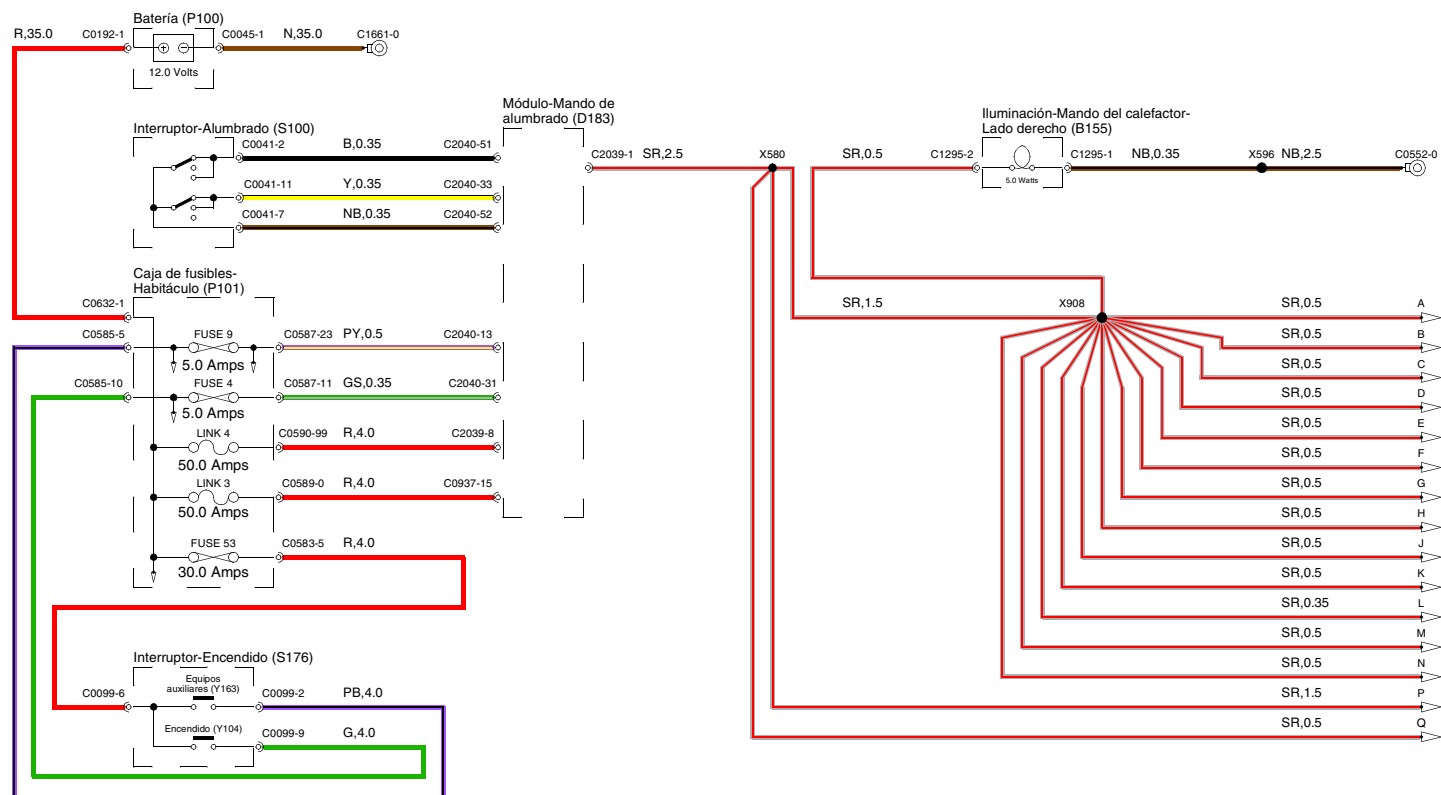


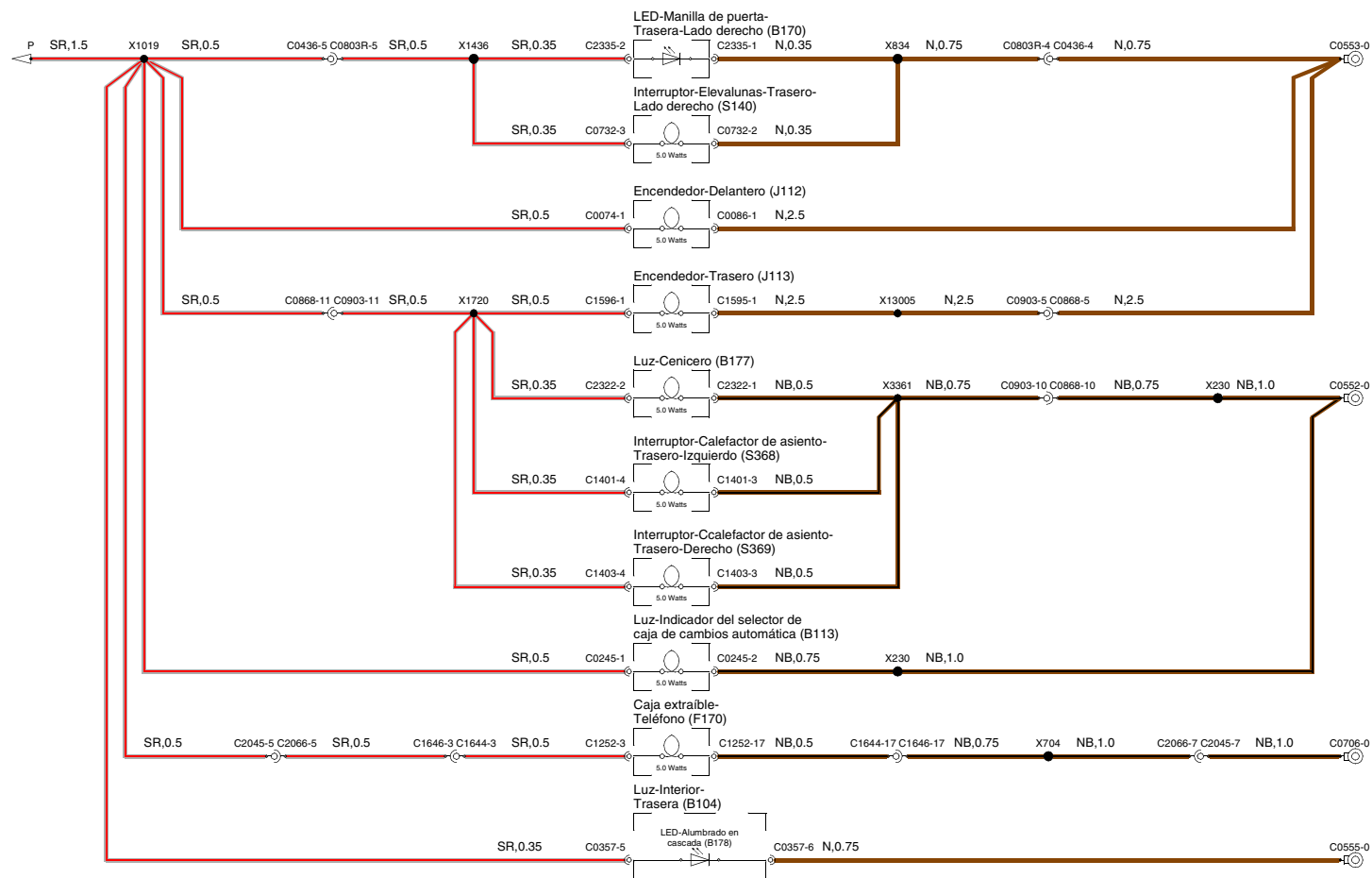


44 LUCES INTERIORES

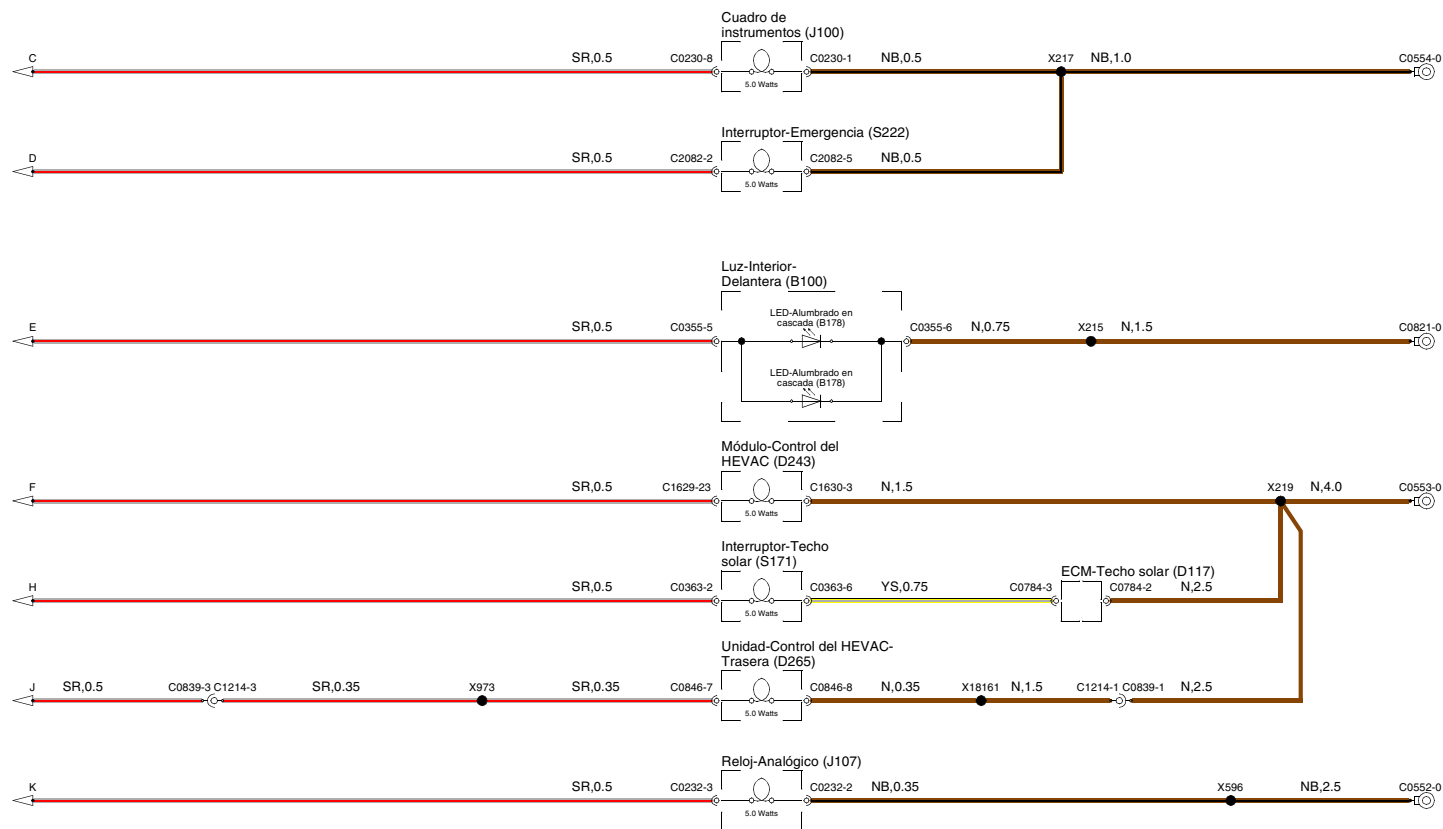


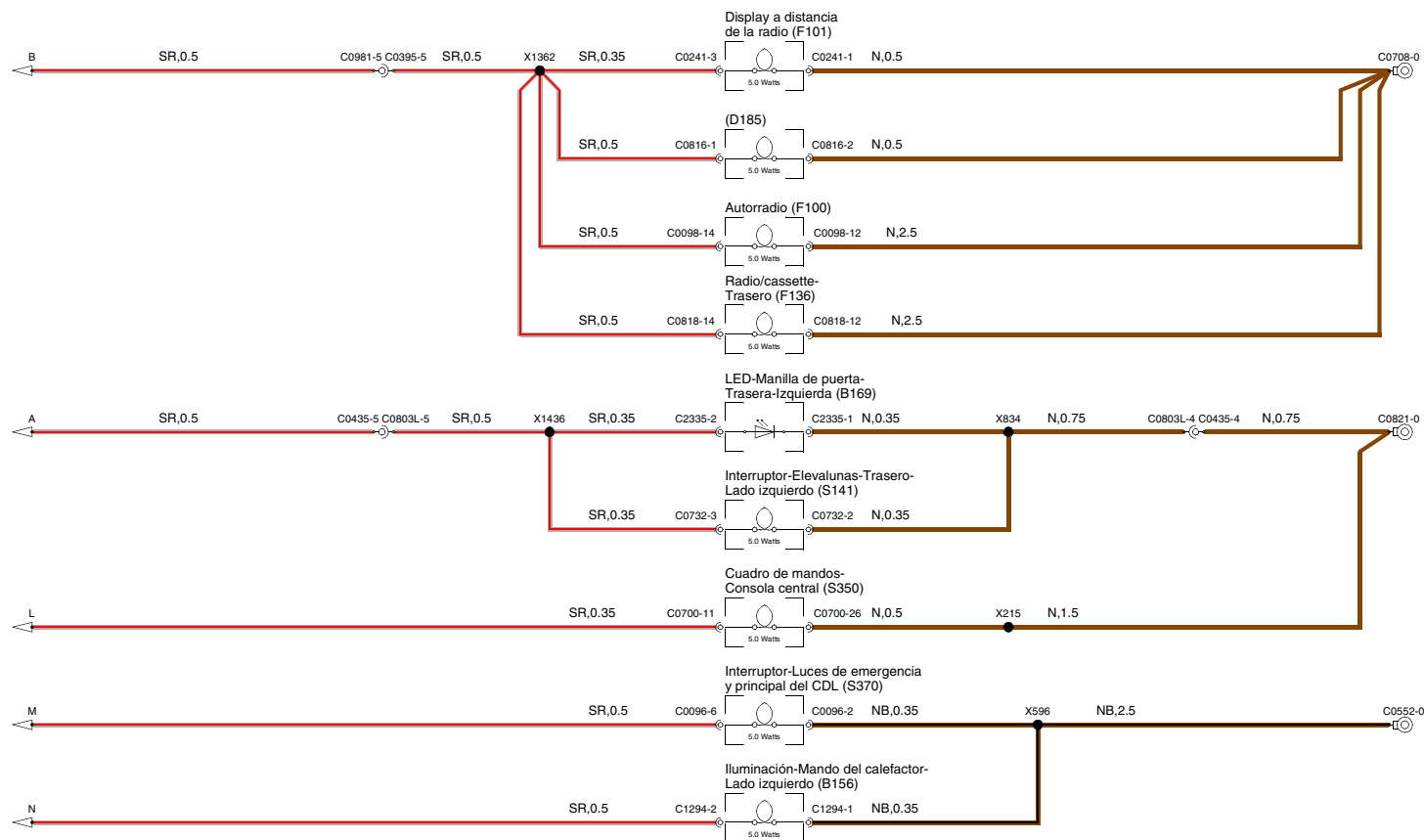
46 ILUMINACION INTERIOR

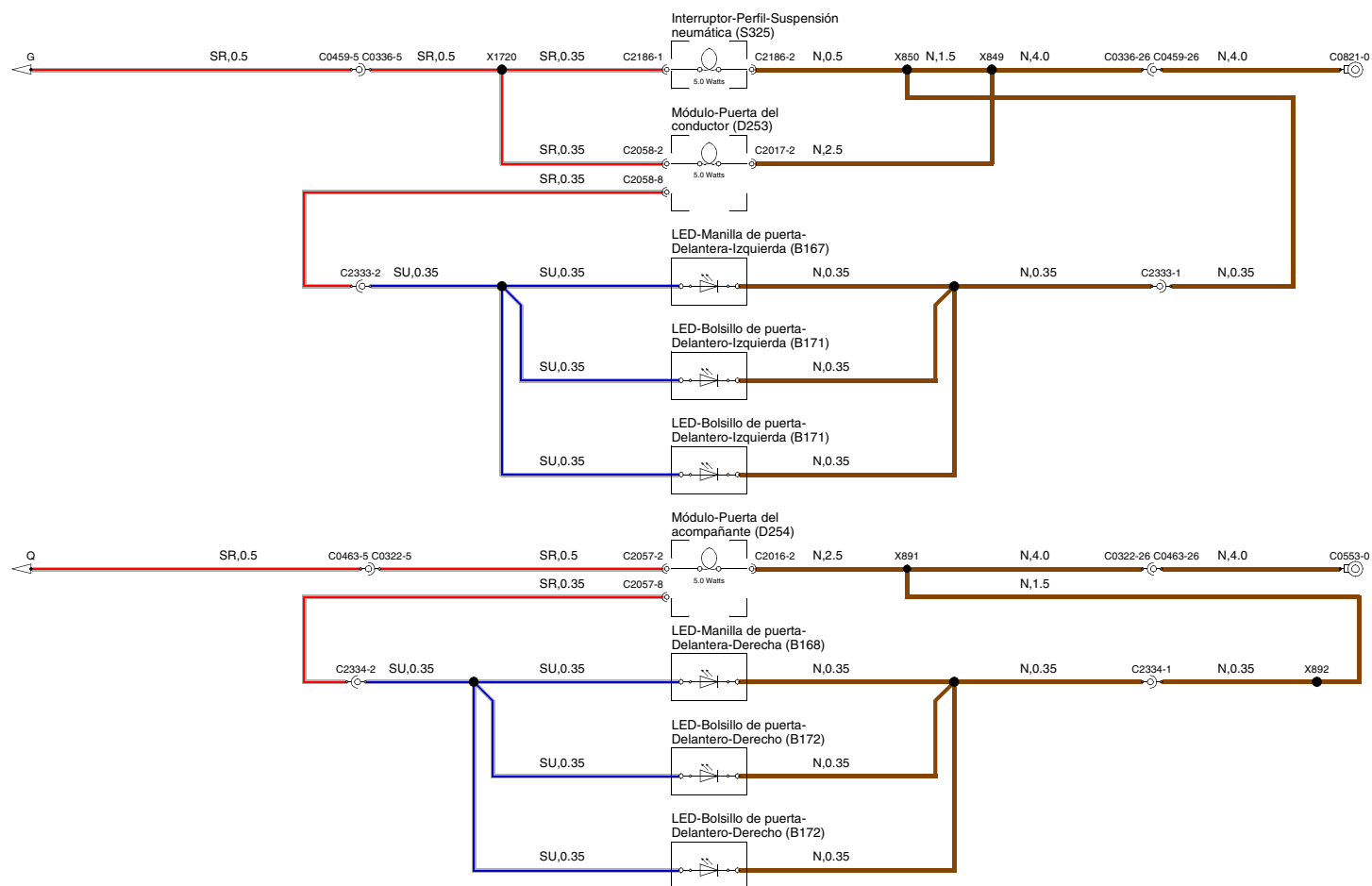


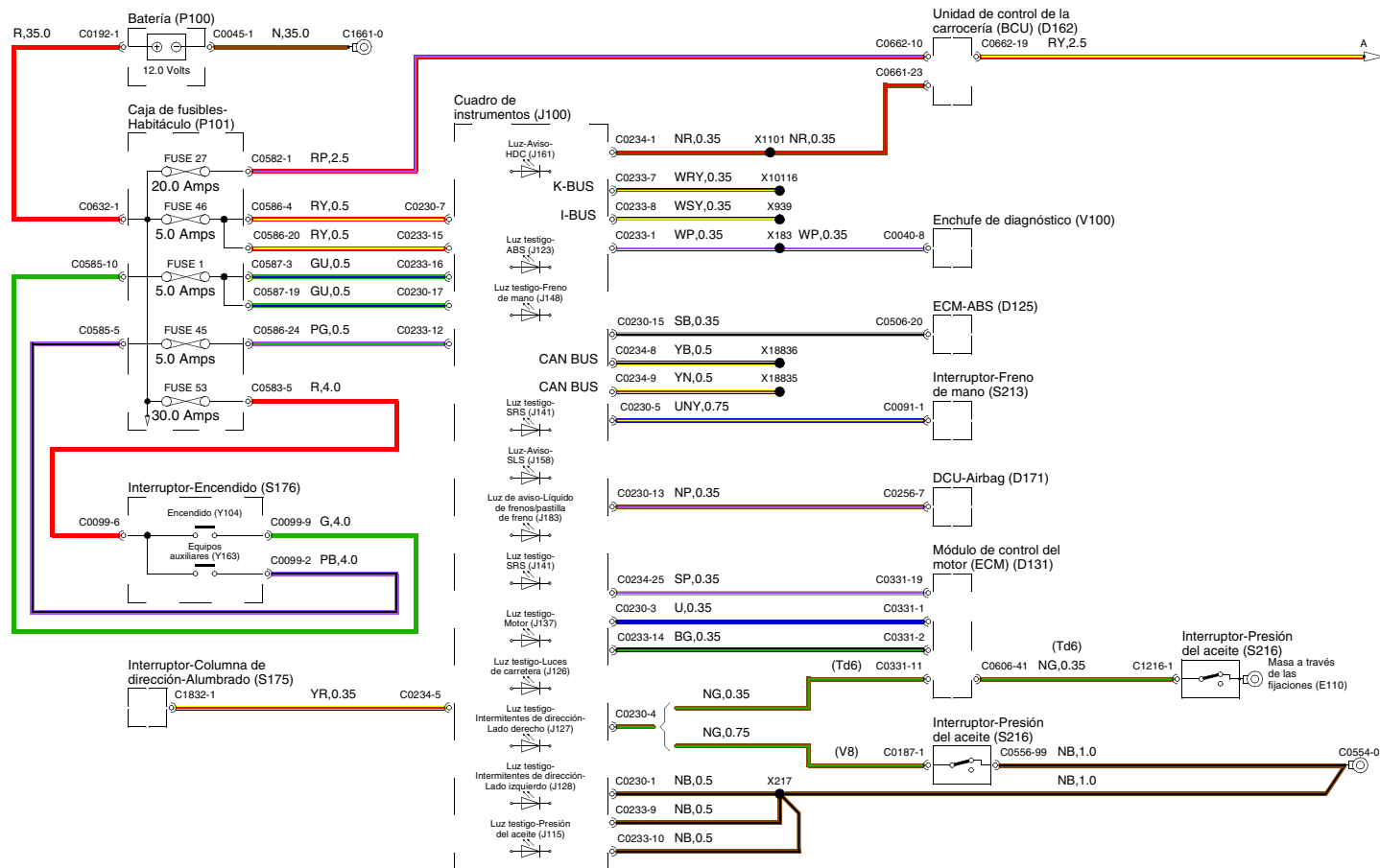


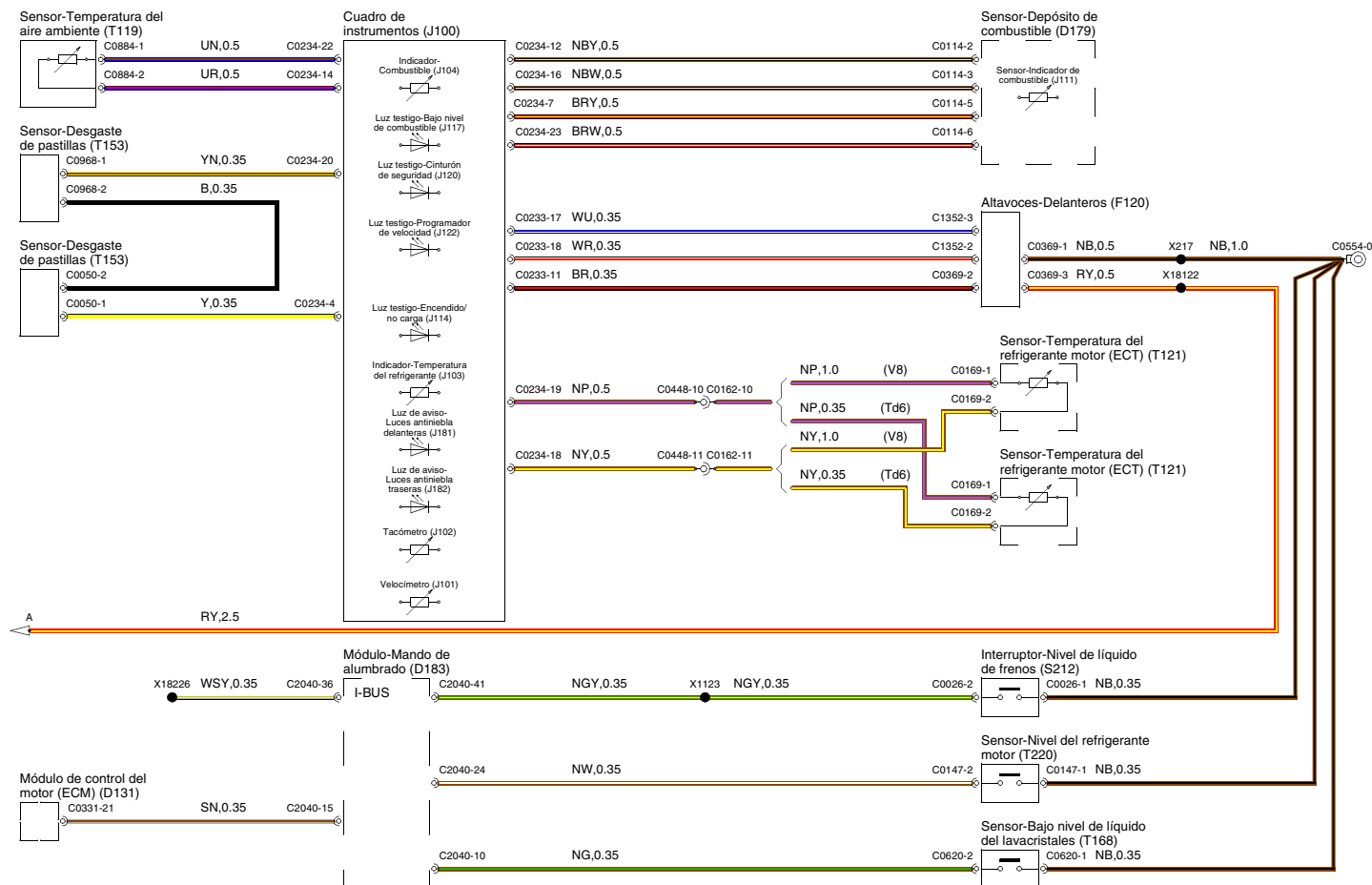
46 ILUMINACION INTERIOR

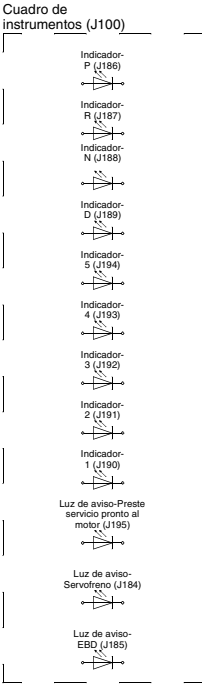


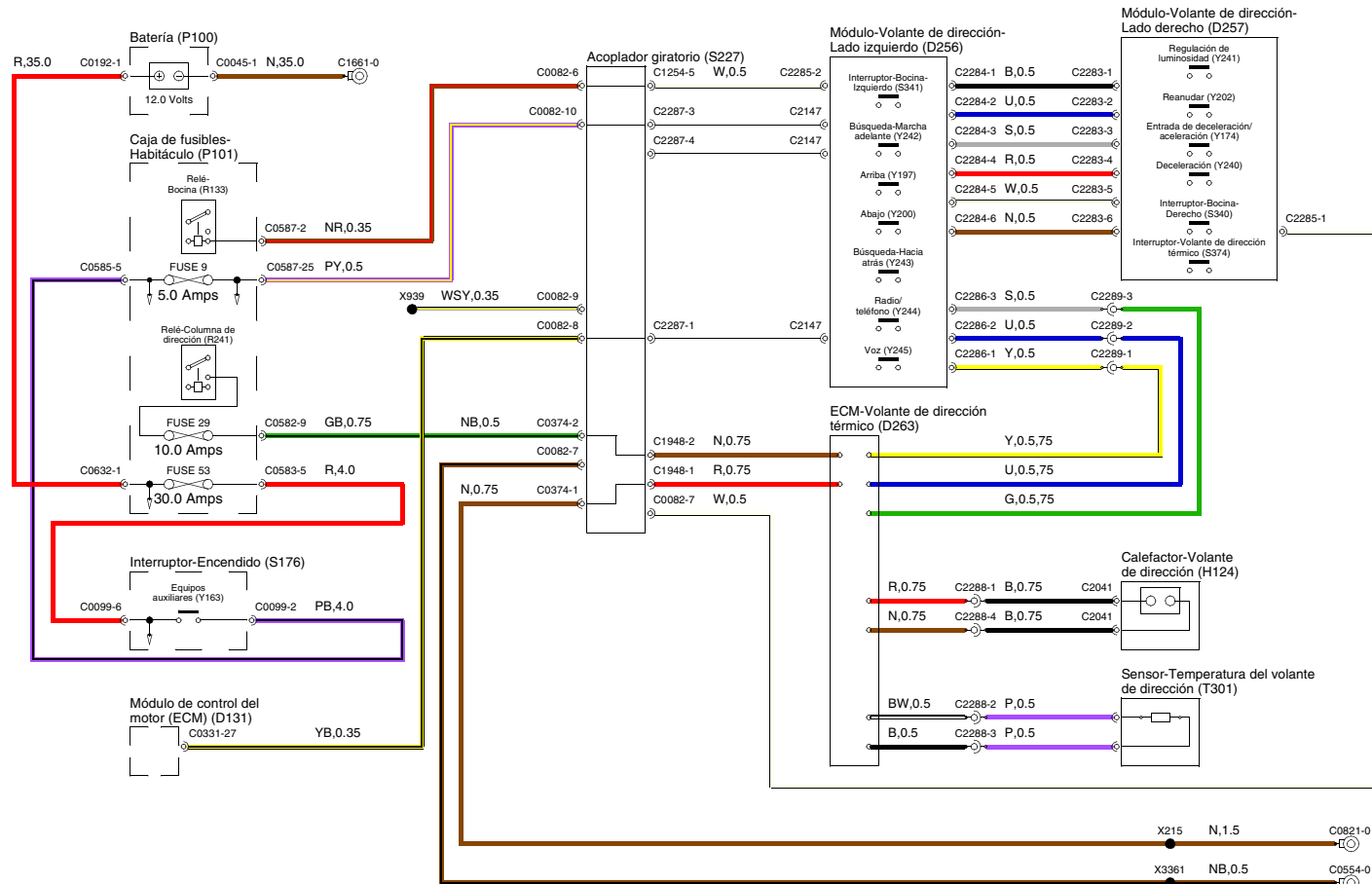


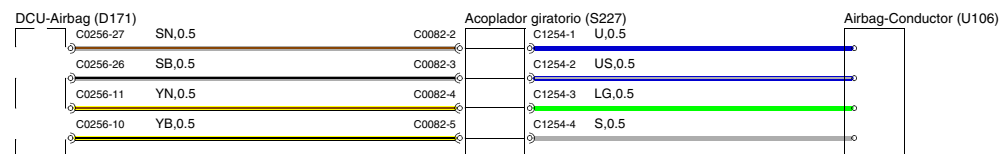


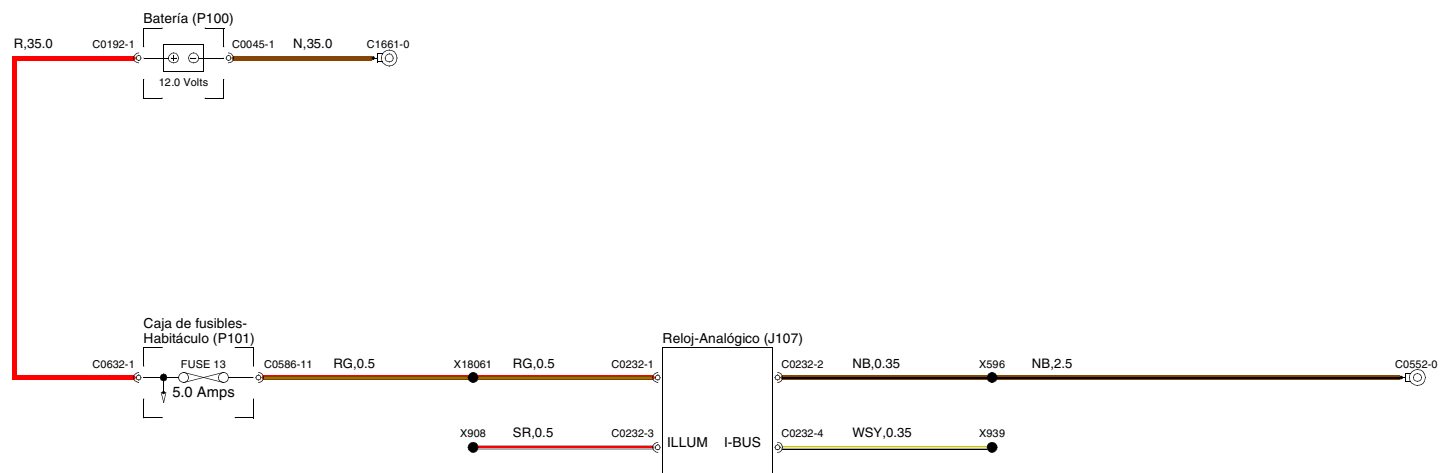




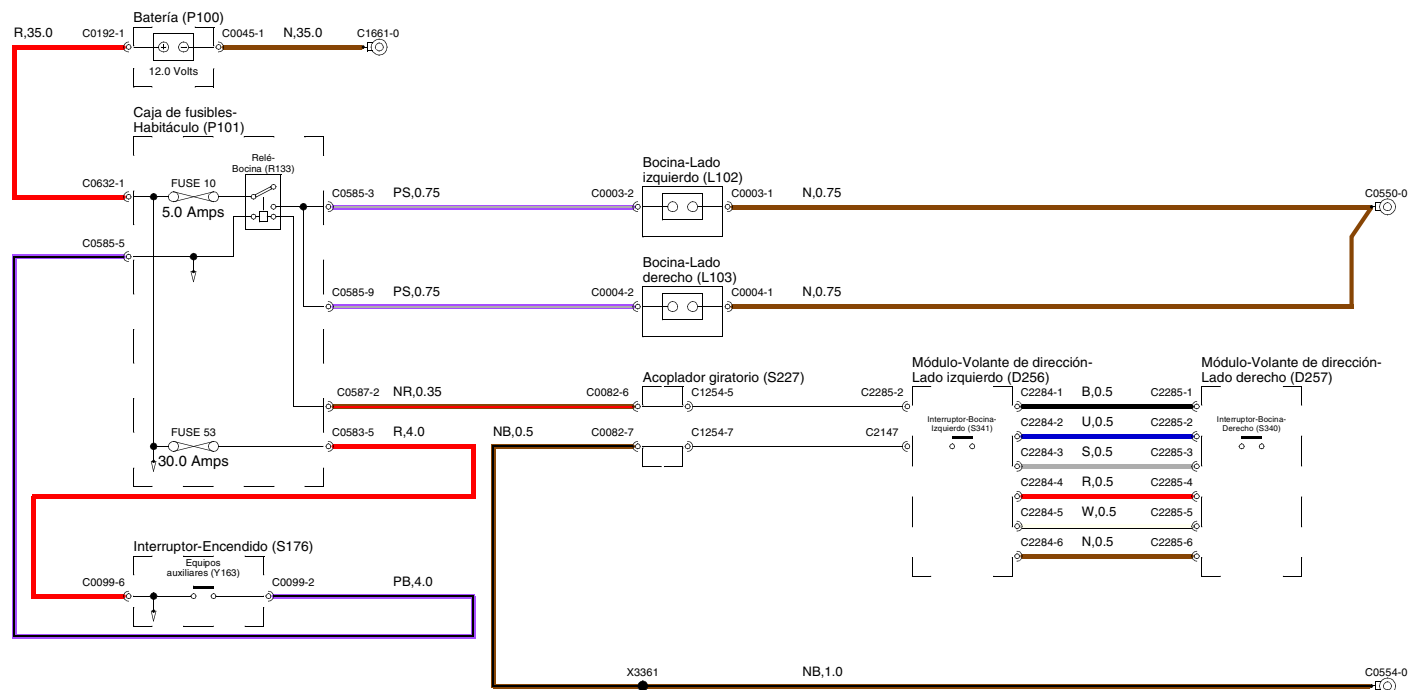




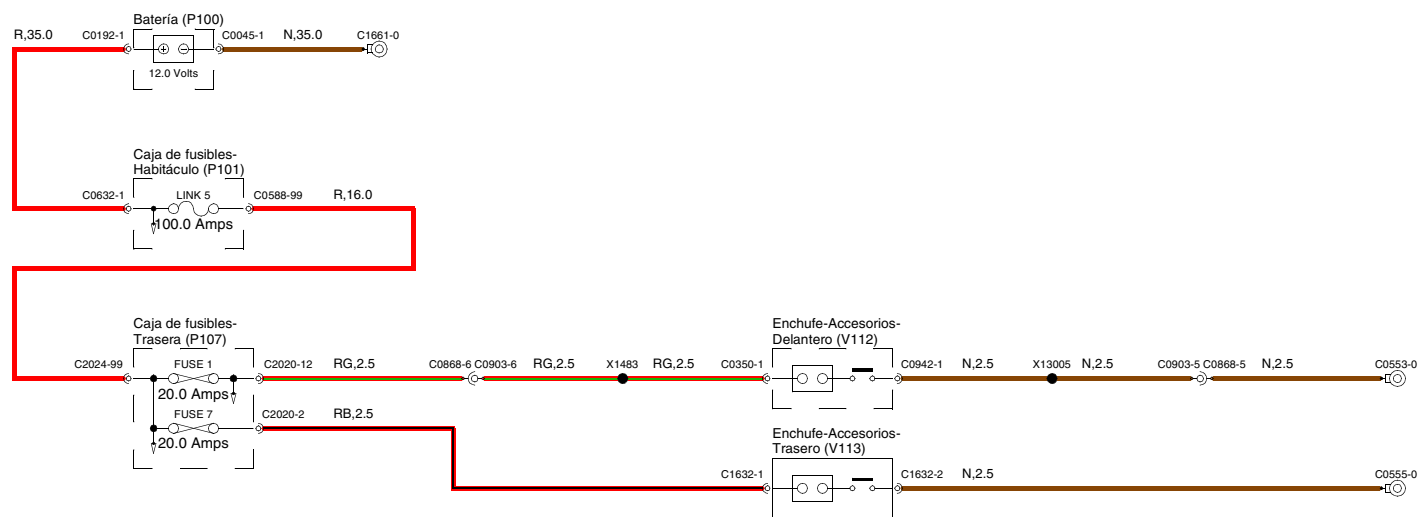




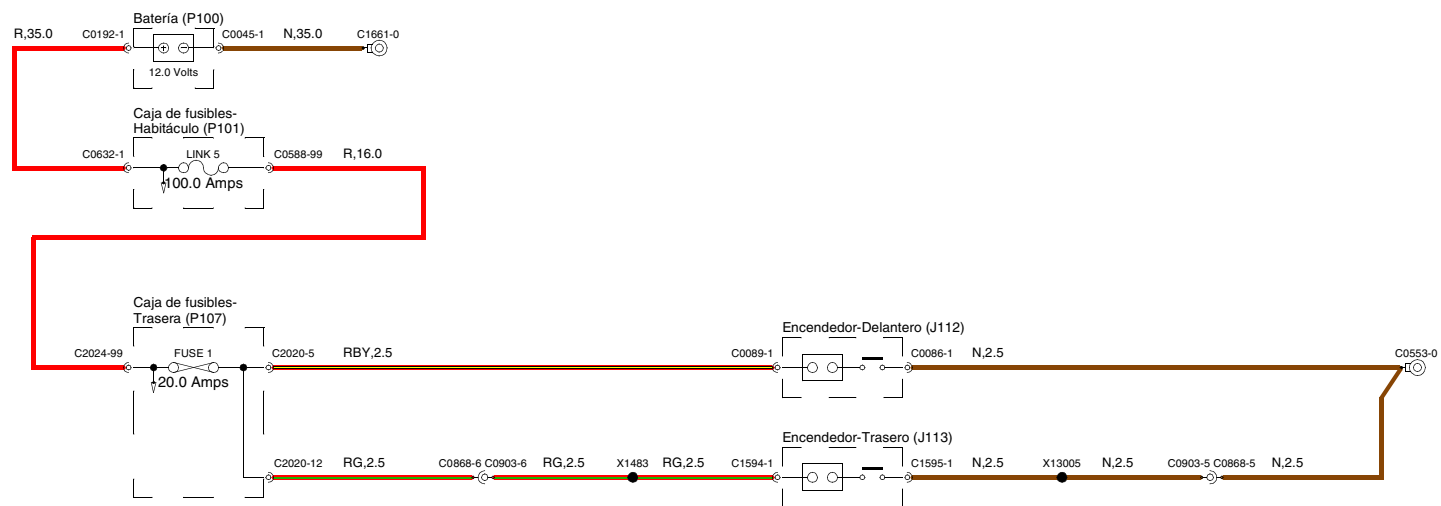
48 BOCINA(S)

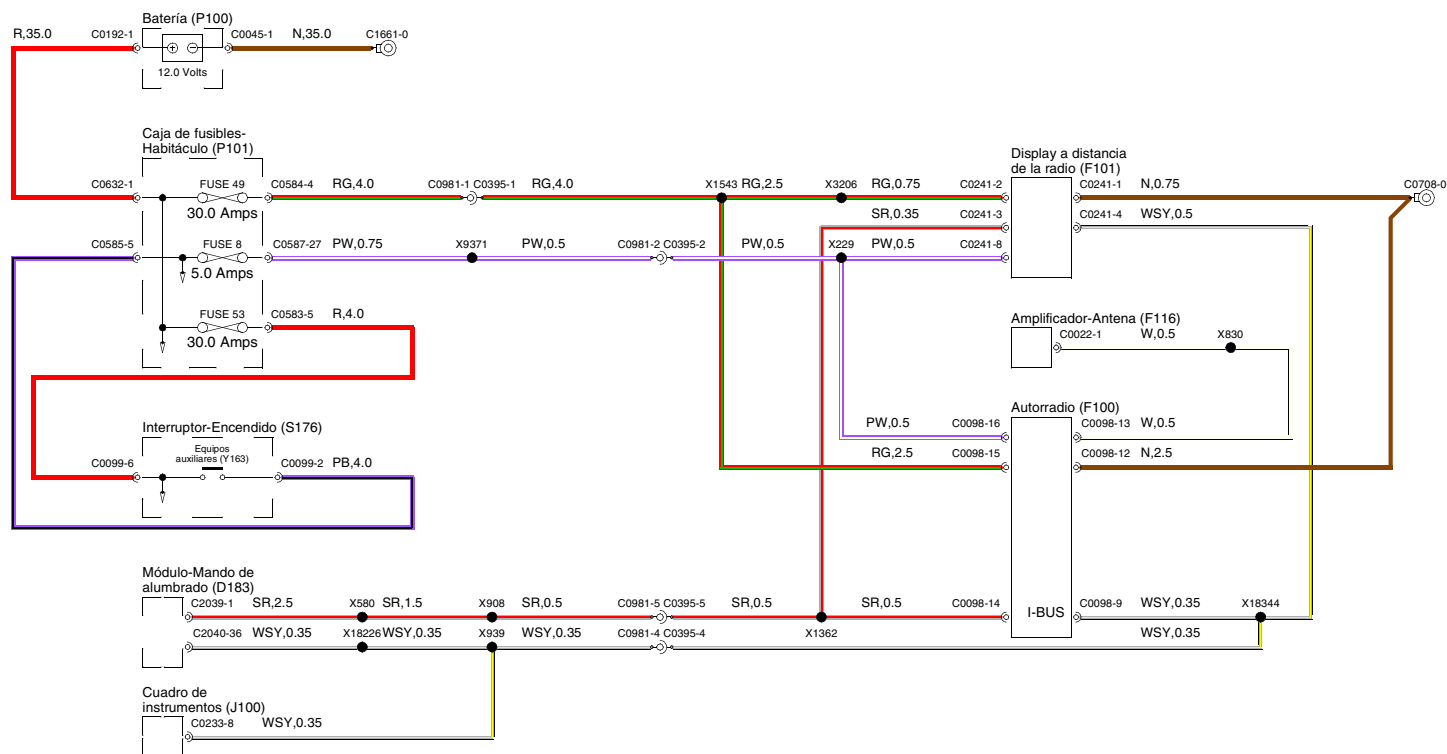


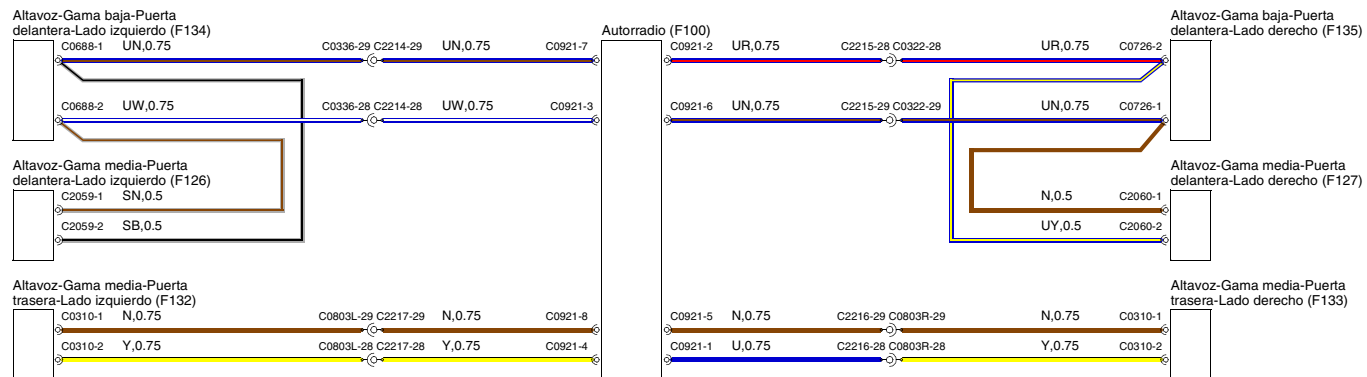
49 ENCHUFE PARA ACCESORIOS

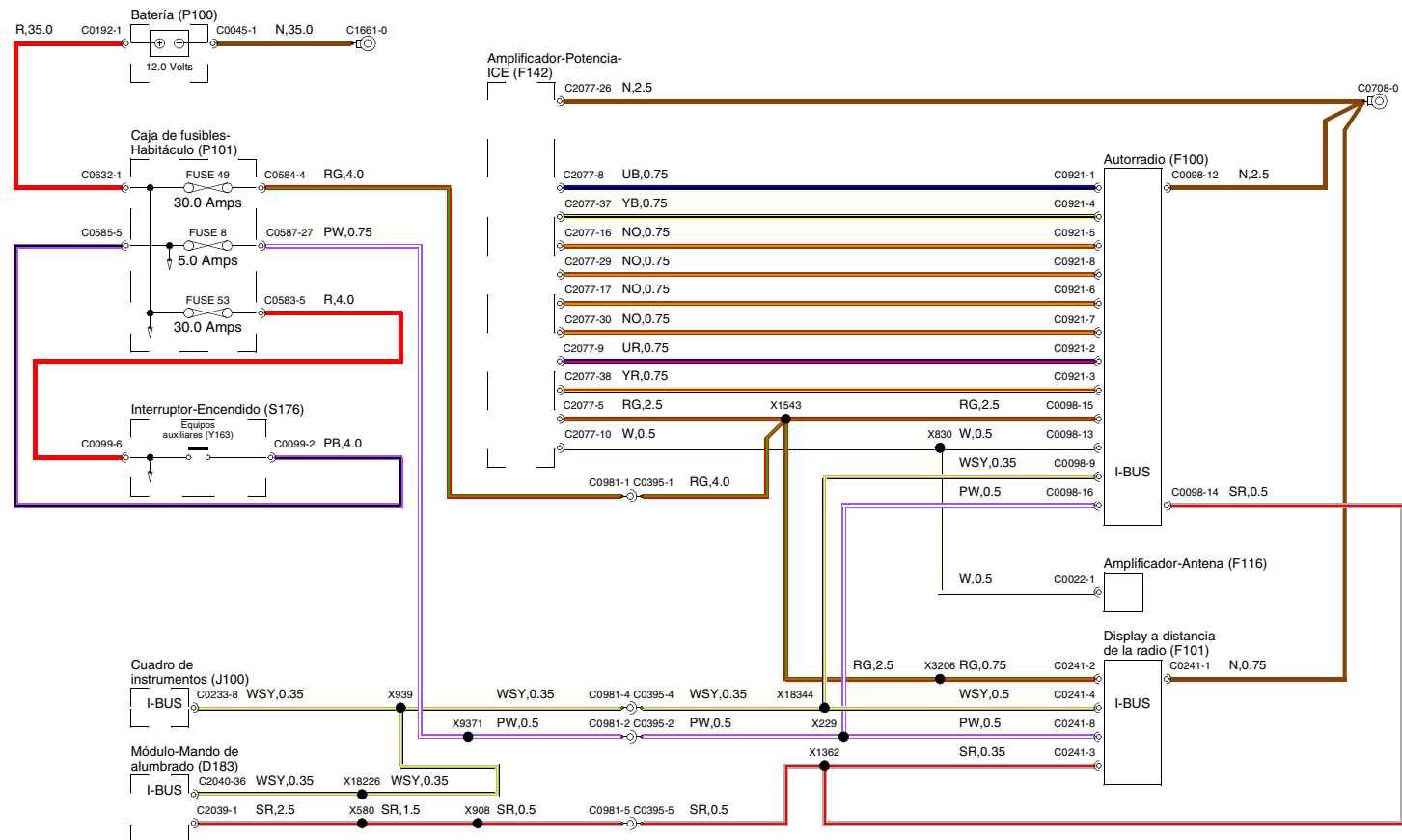


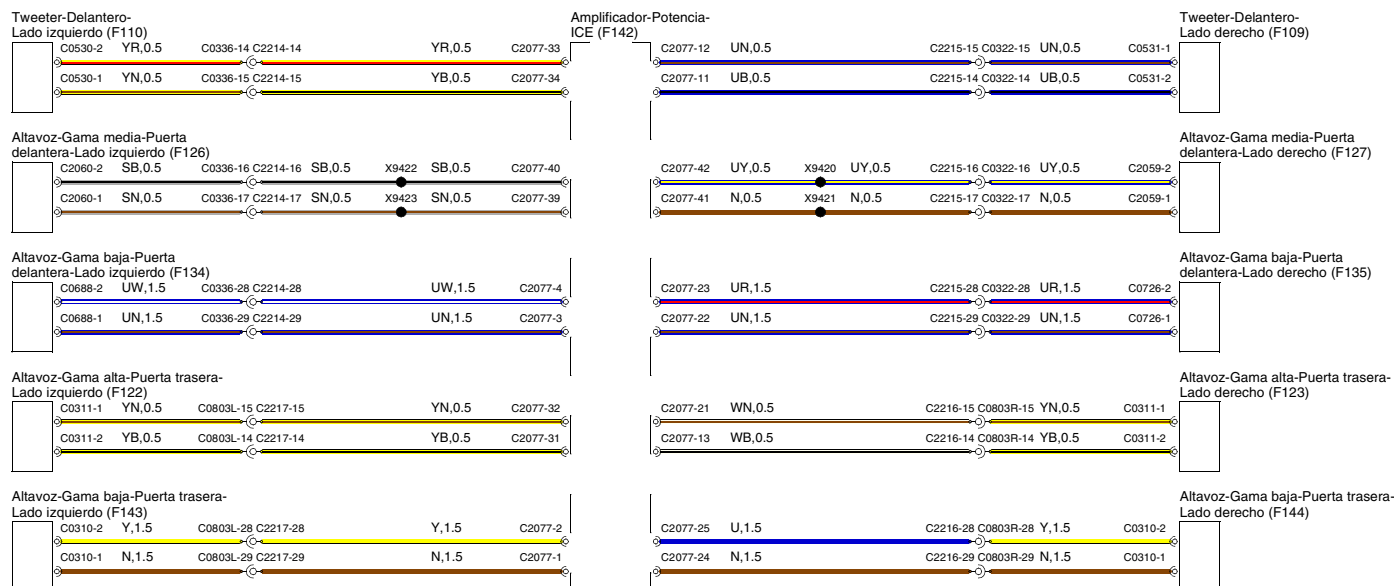
49 ENCENDEDOR

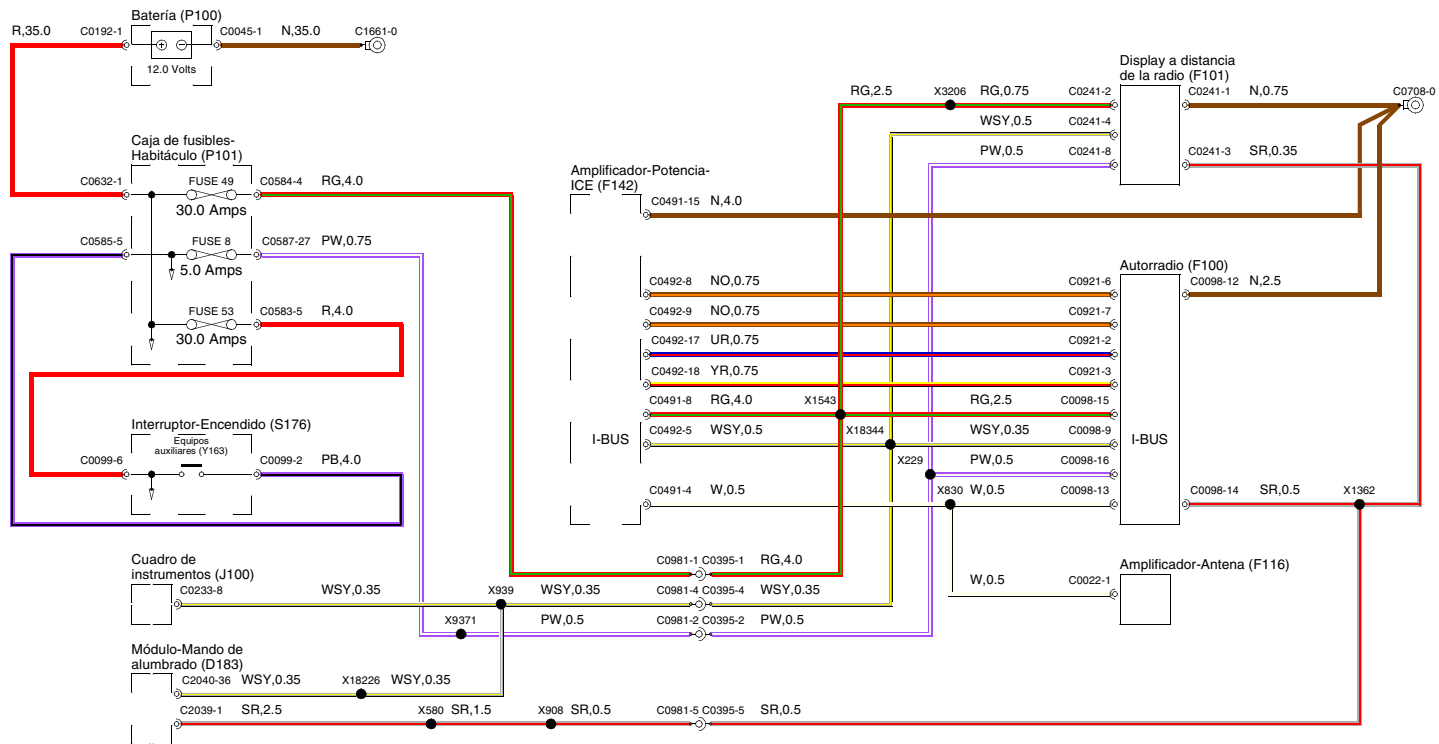




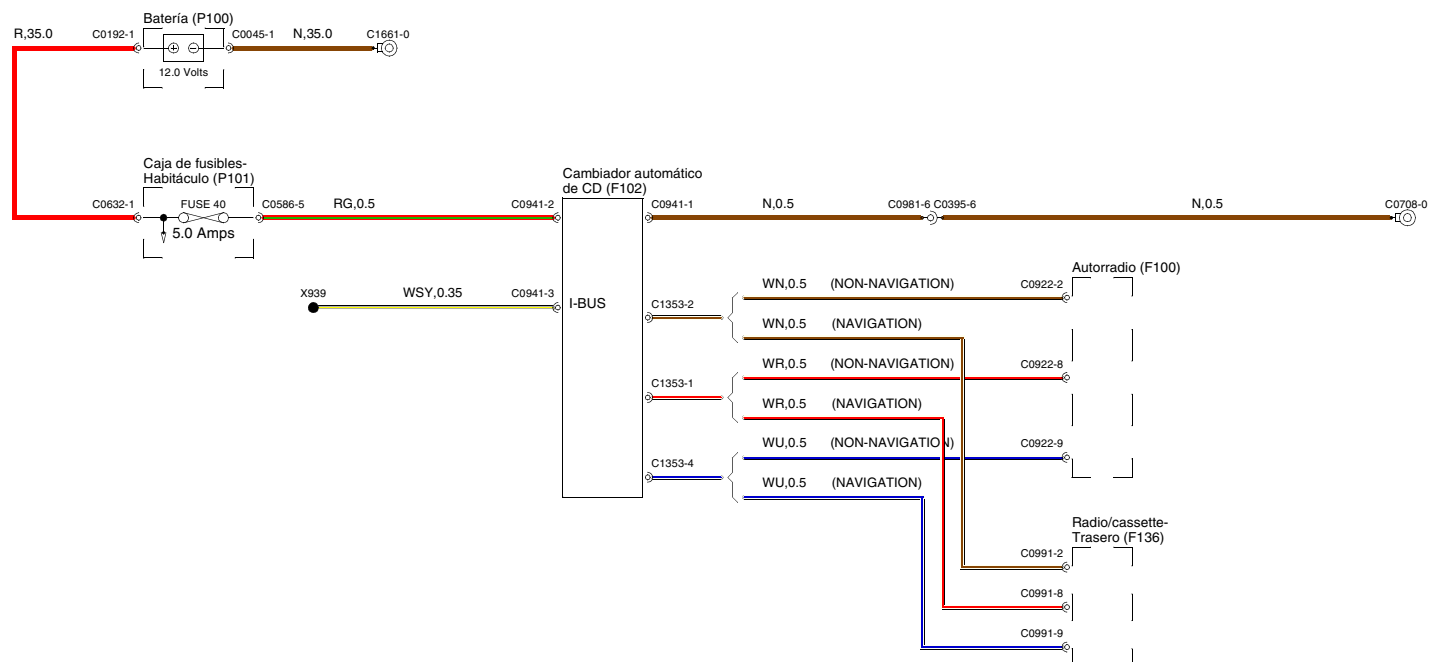


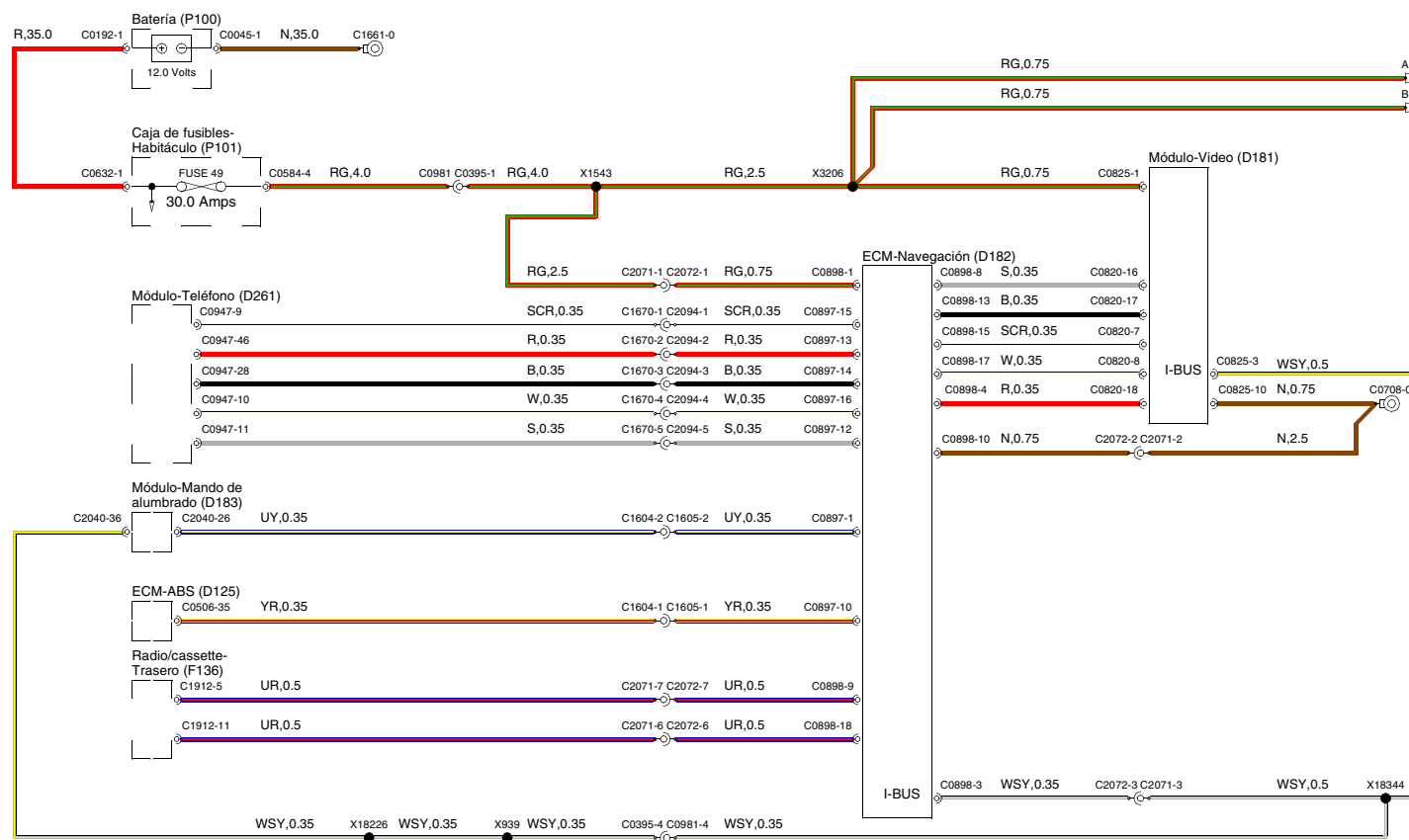


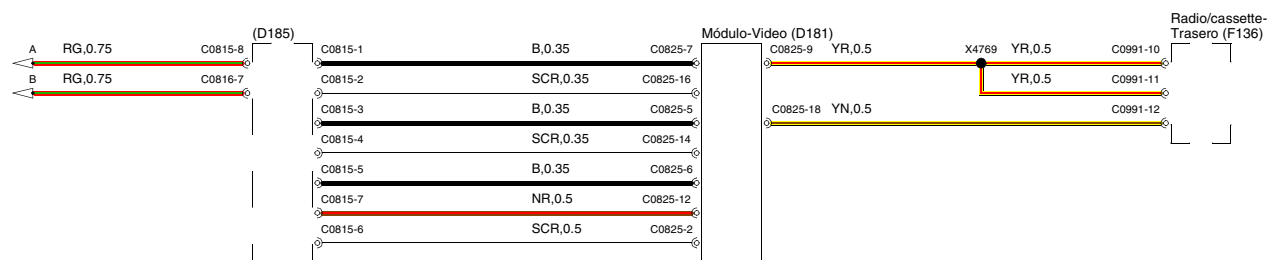


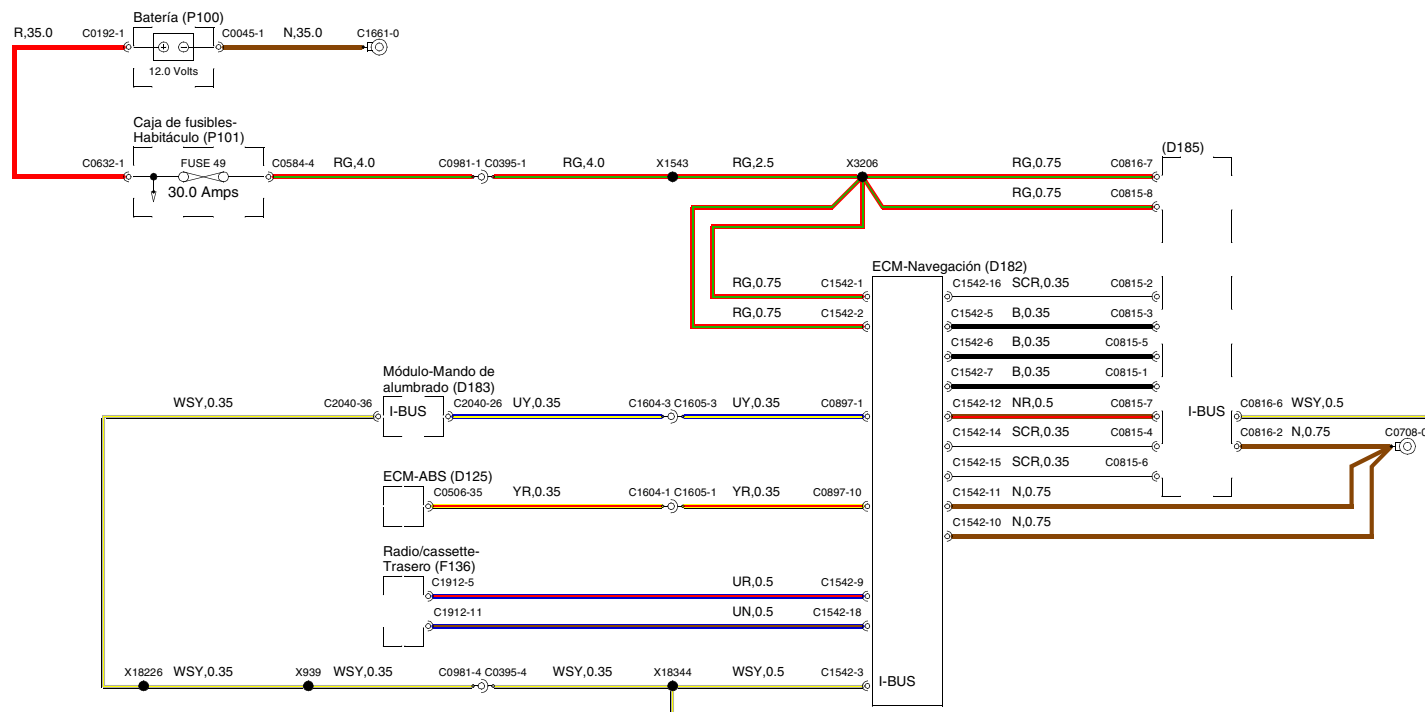


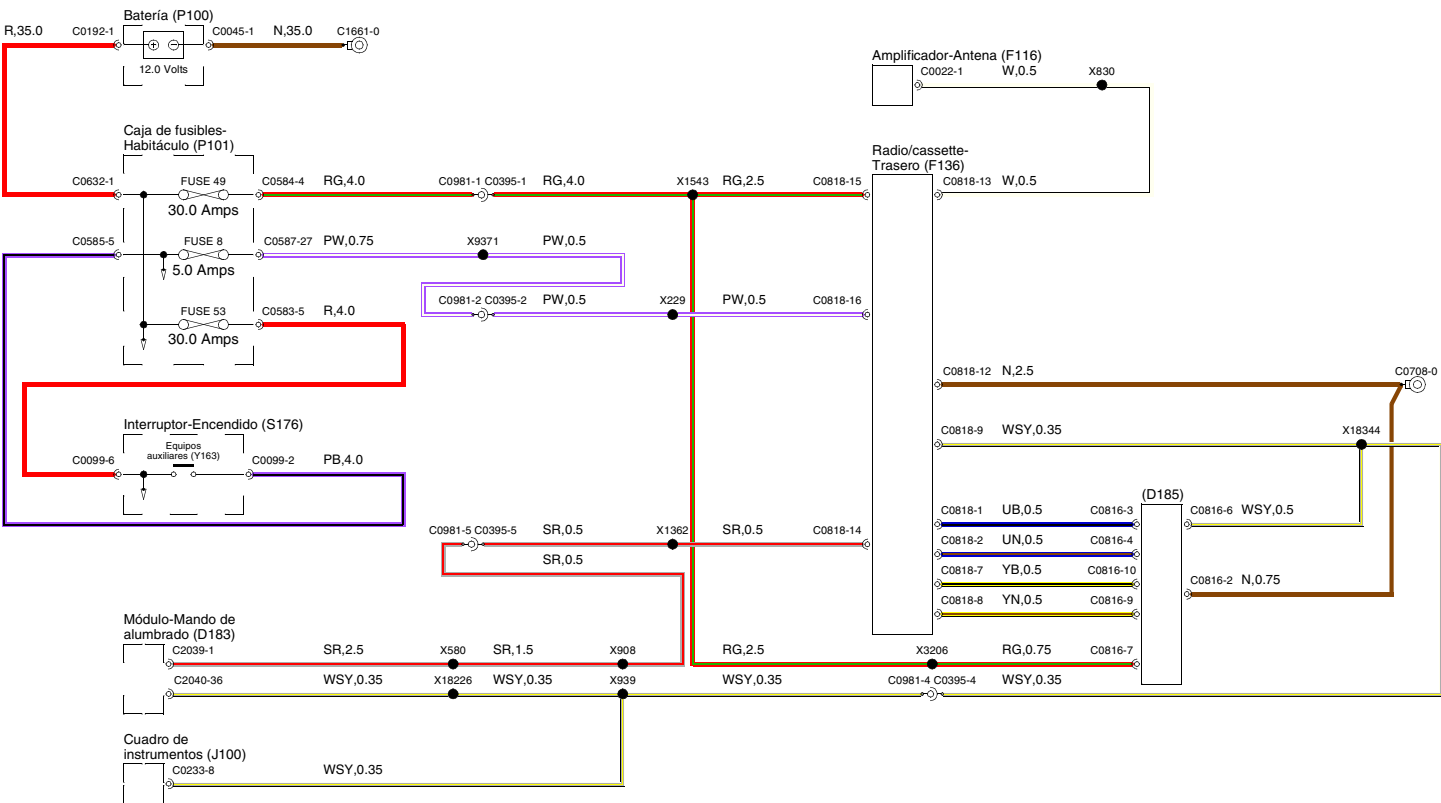


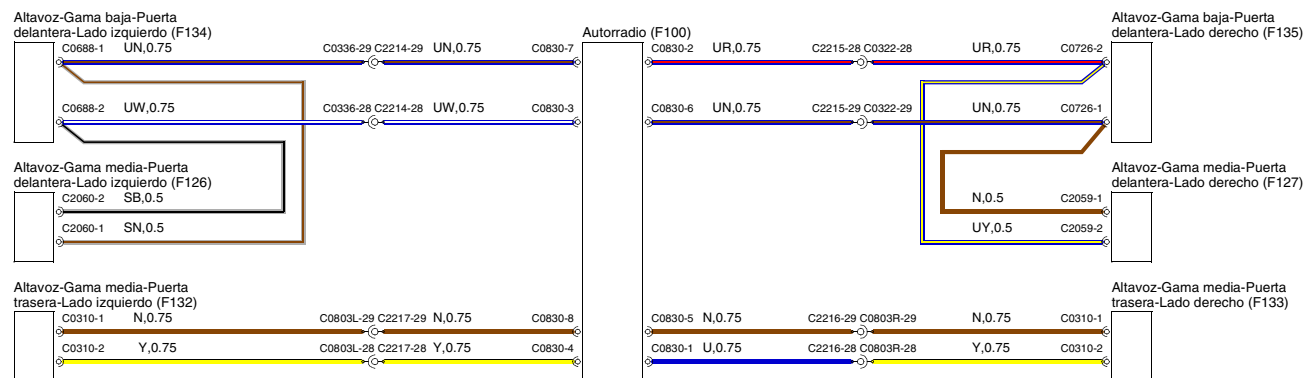


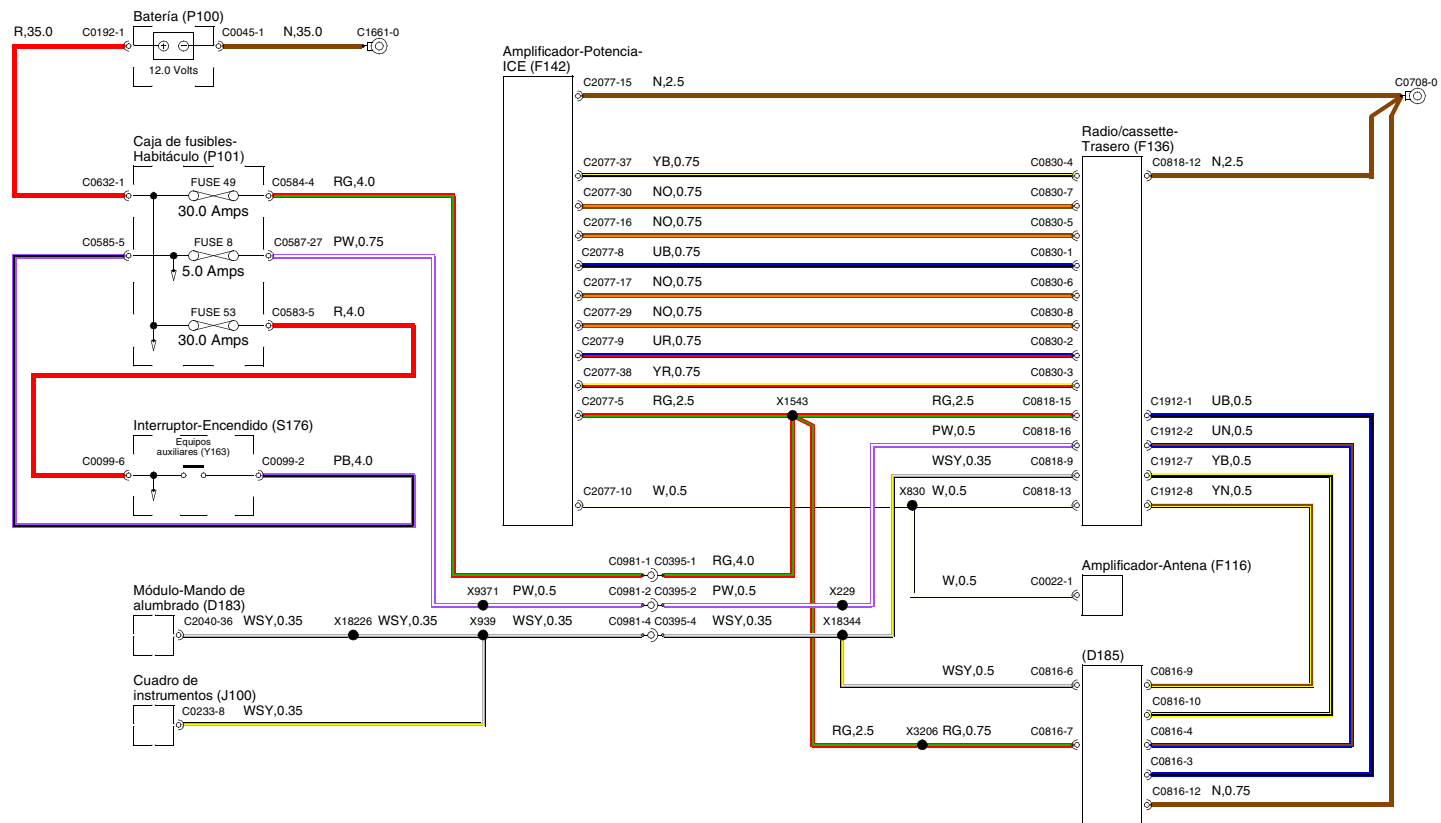


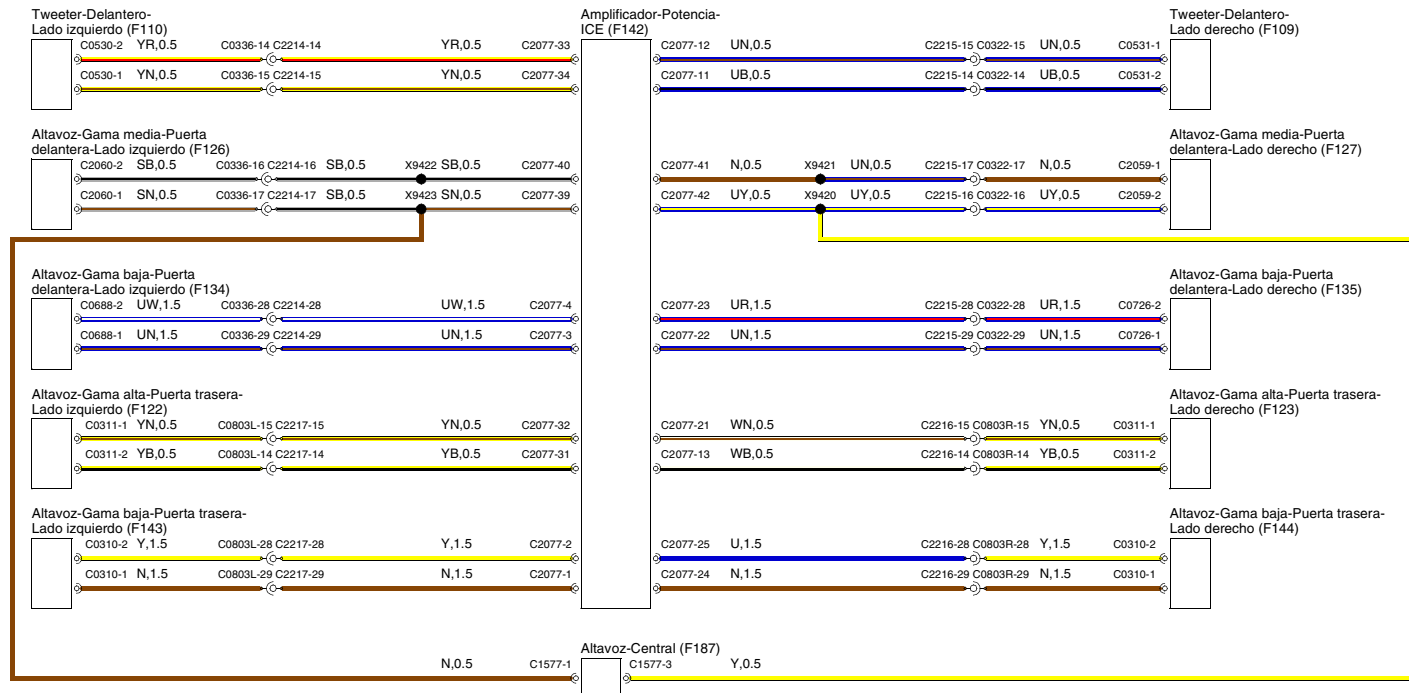


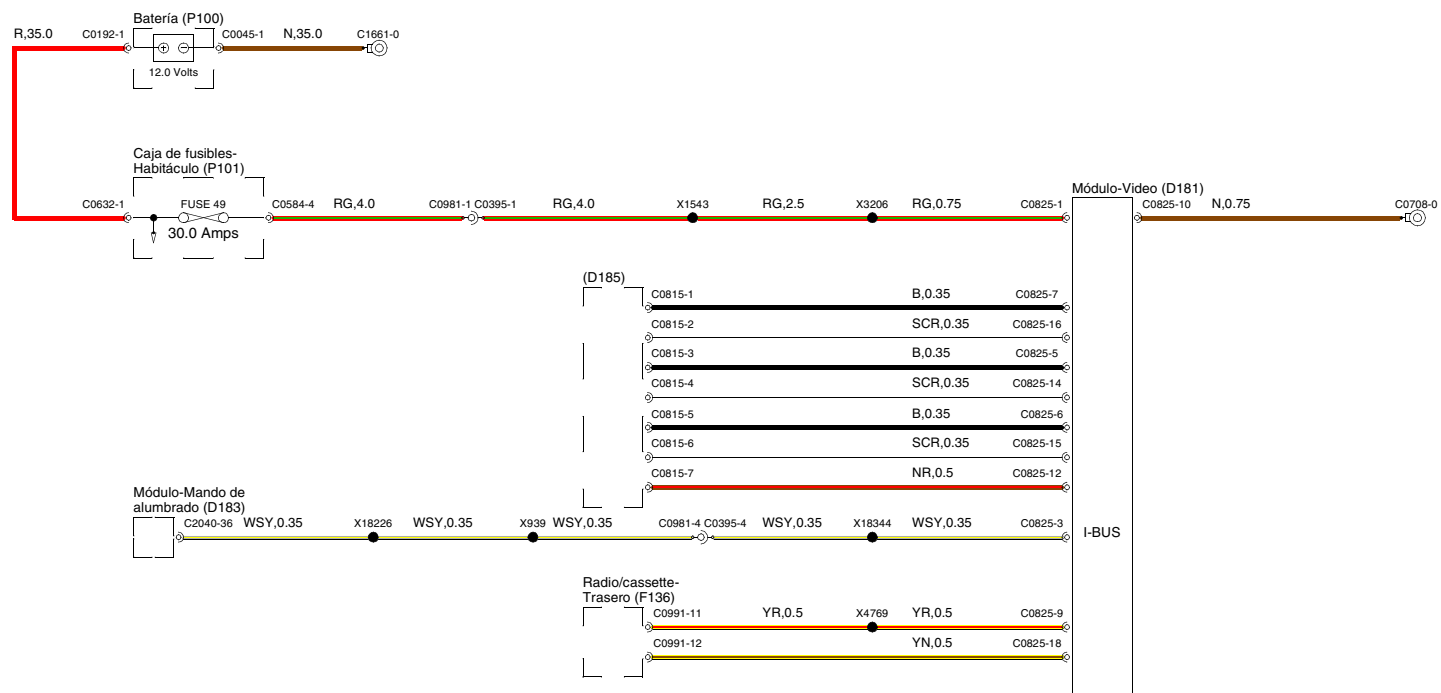


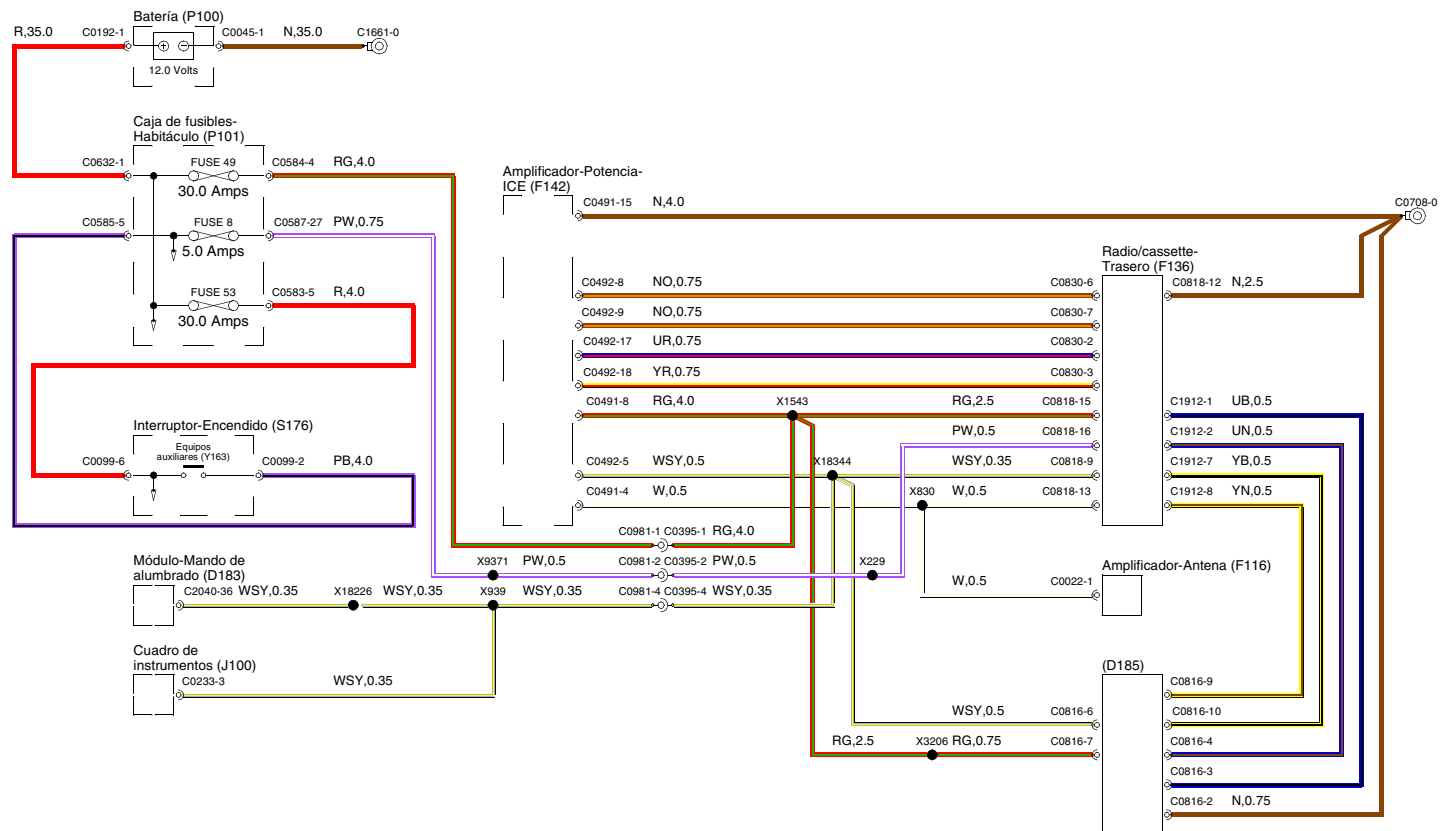


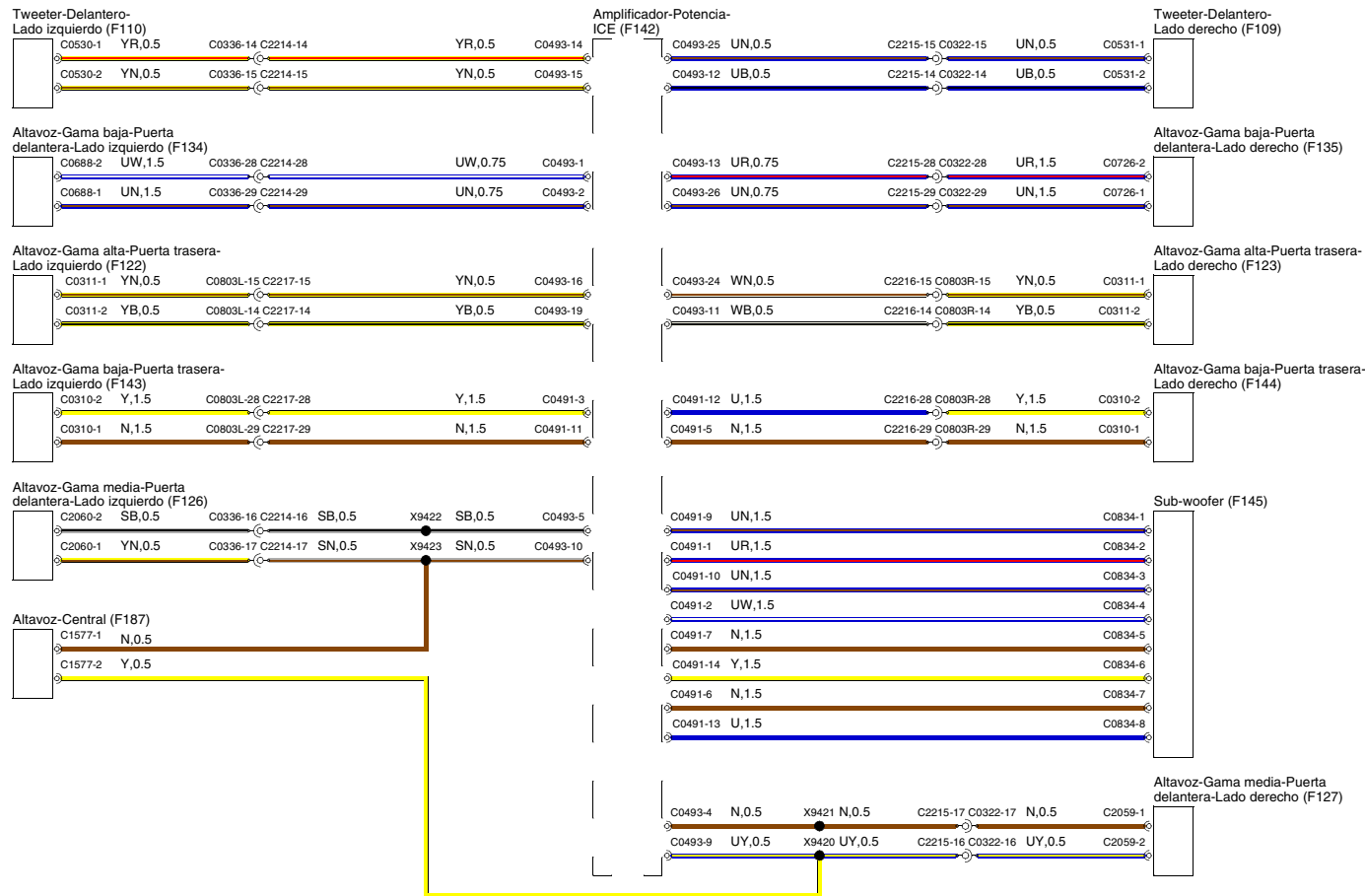


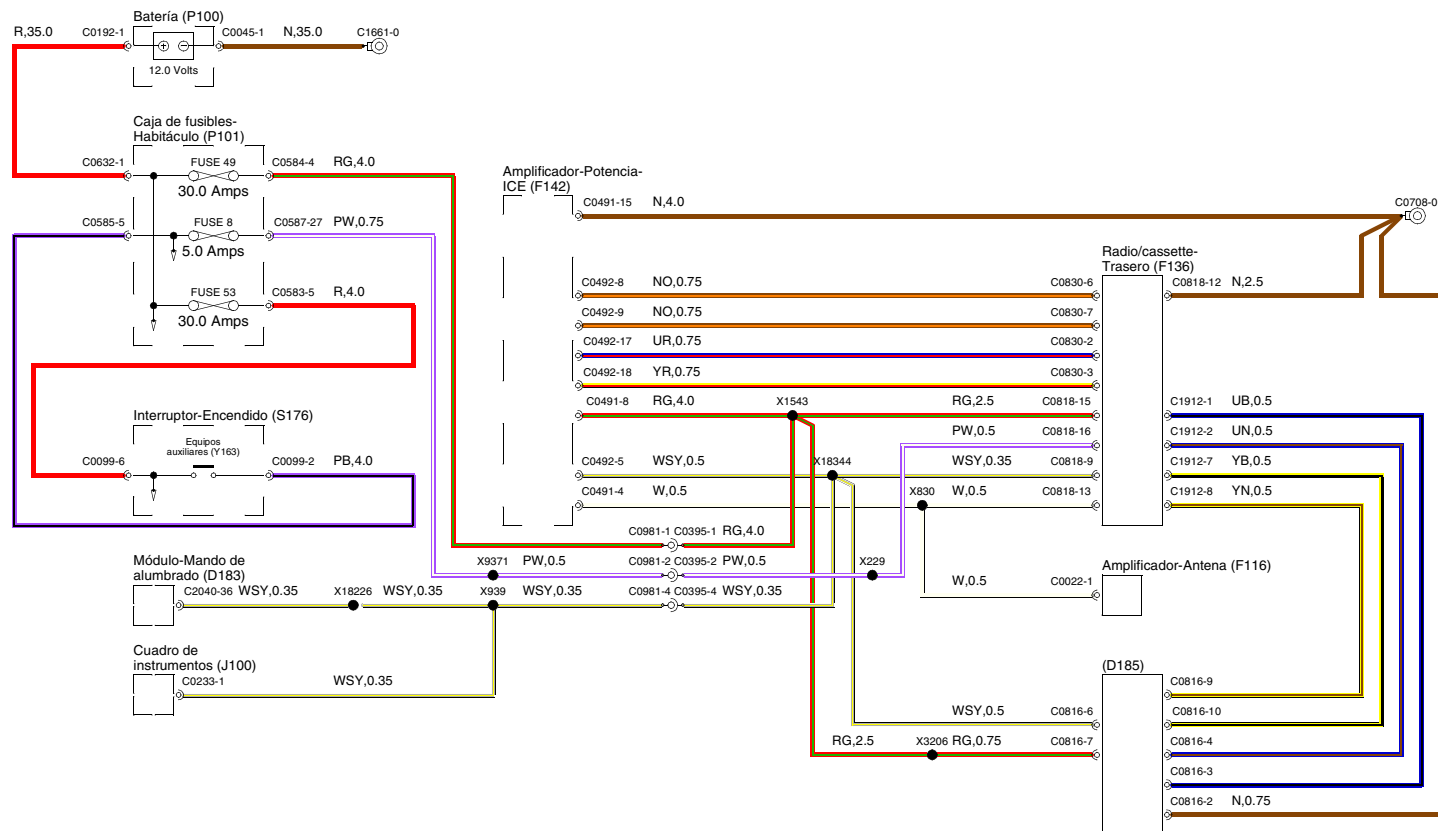


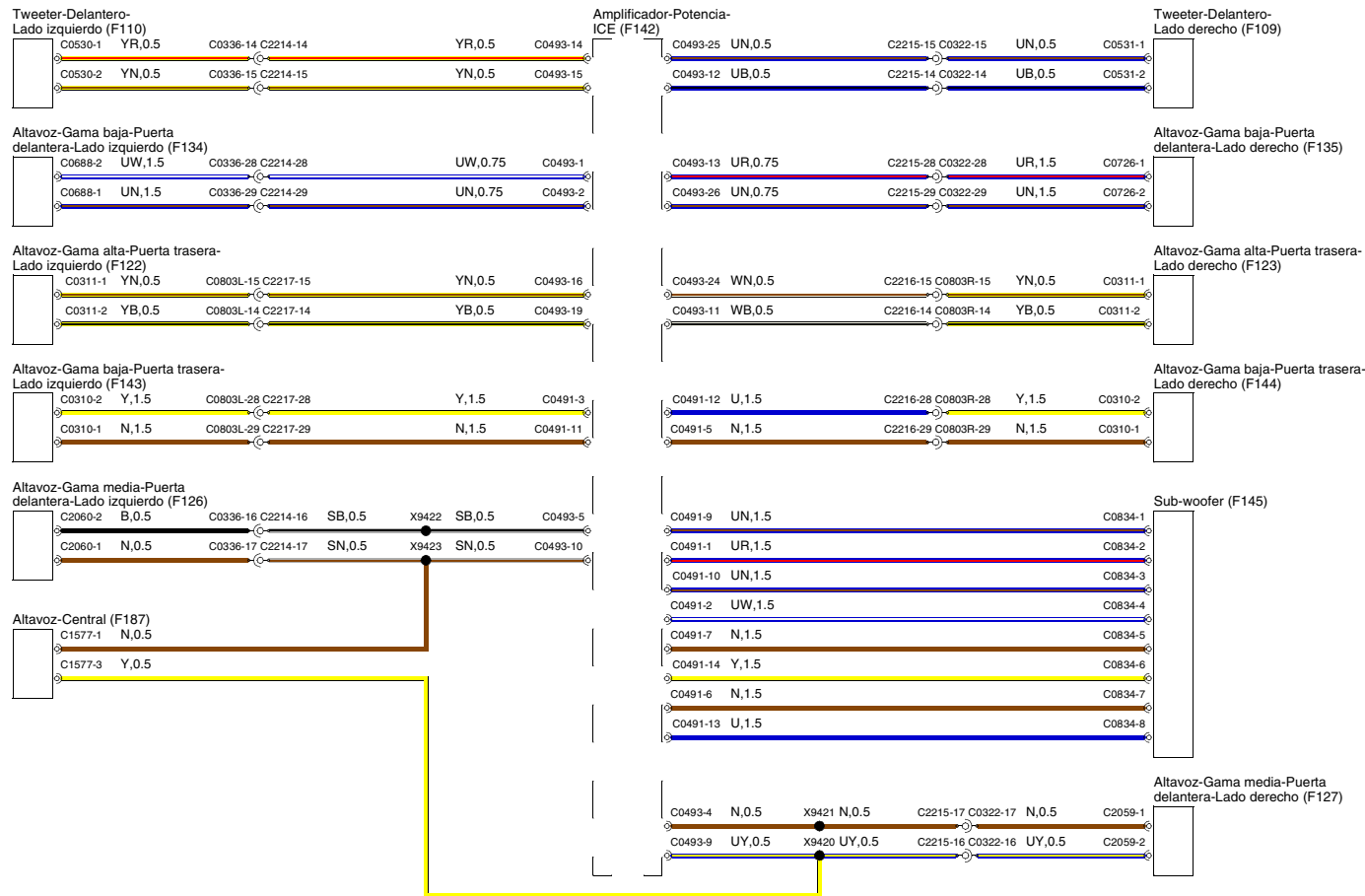




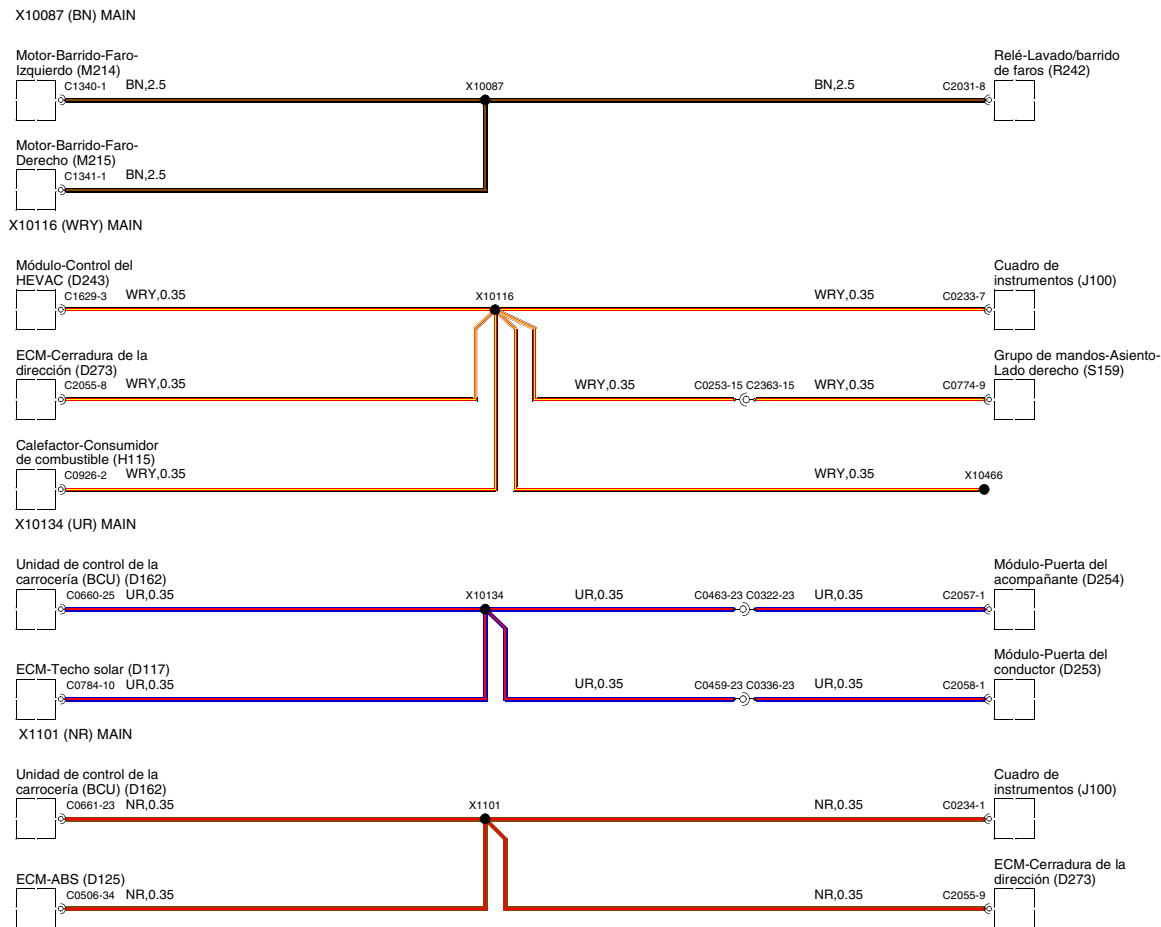




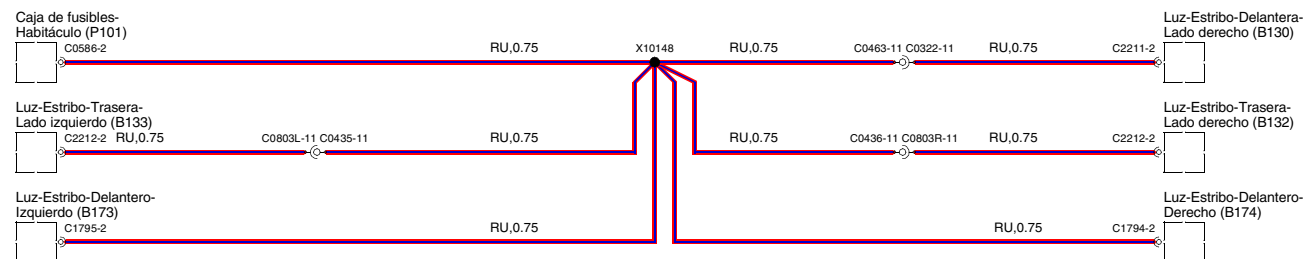




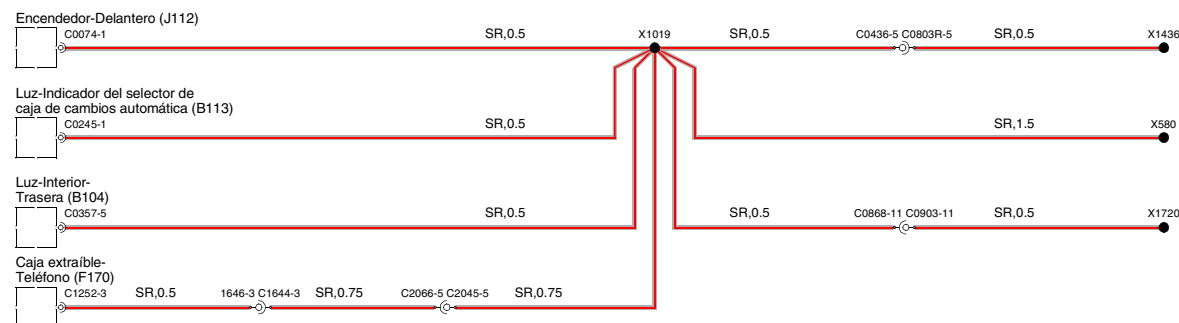
65 EMPALMES Y TOMAS CENTRALES



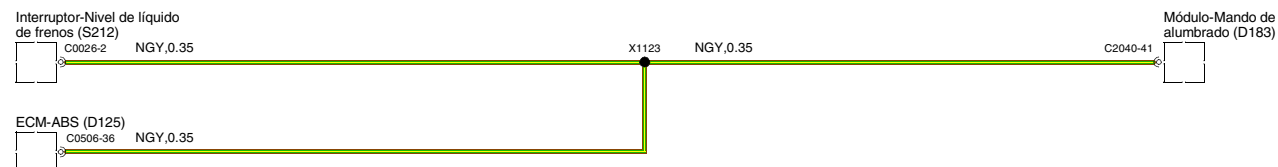
X10148 (RU) MAIN



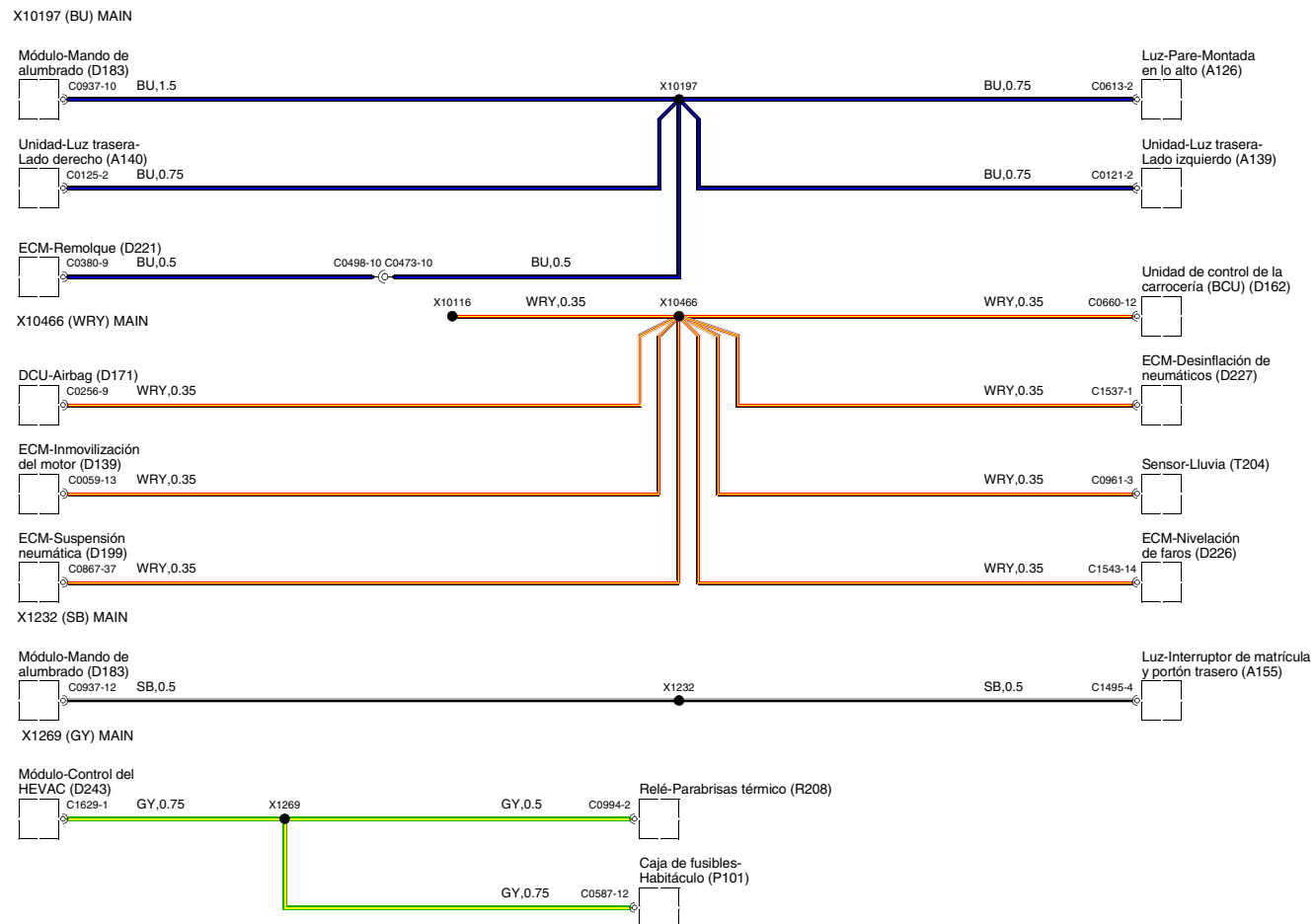
X1019 (SR) MAIN



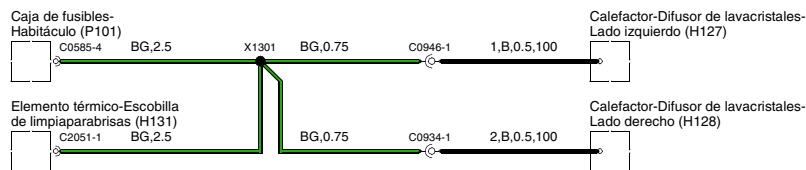
X1123 (NGY) MAIN



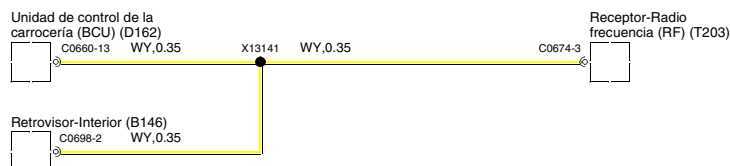
65 EMPALMES Y TOMAS CENTRALES



X1301 (BG) MAIN



X13141 (WY) MAIN



X13332 (NU) MAIN



X13333 (NR) MAIN



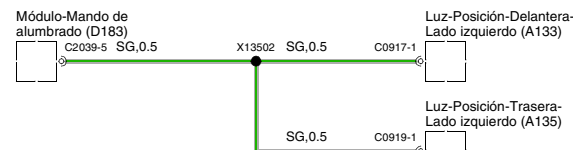
X13334 (NB) MAIN



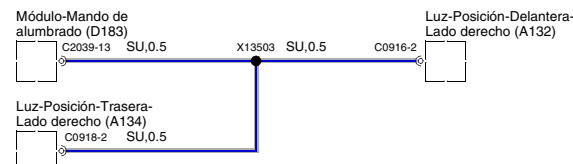
X13335 (NW) MAIN



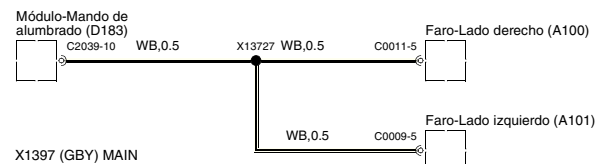
X13502 (SG) MAIN



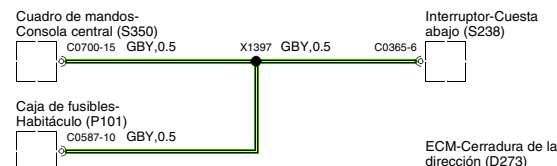
X13503 (SU) MAIN



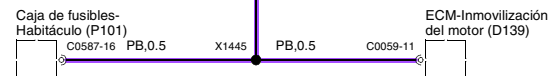
X13727 (WB) MAIN



X1397 (GBY) MAIN

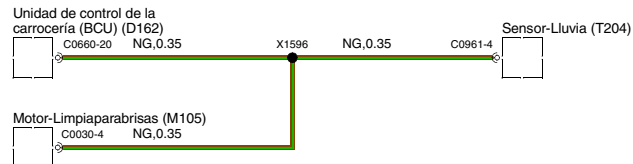


X1445 (PB) MAIN

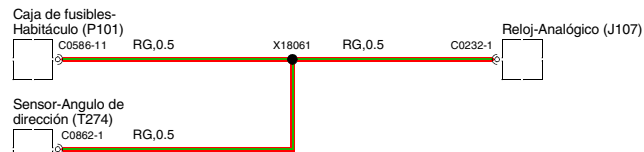


65 EMPALMES Y TOMAS CENTRALES

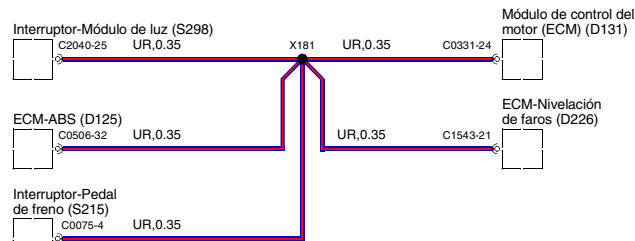
X1596 (NG) MAIN



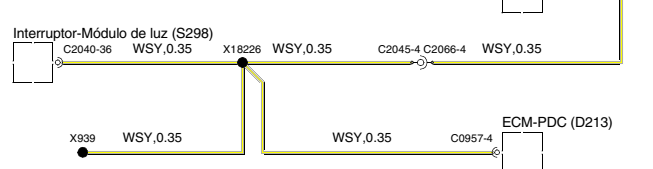
X18061 (RG) MAIN



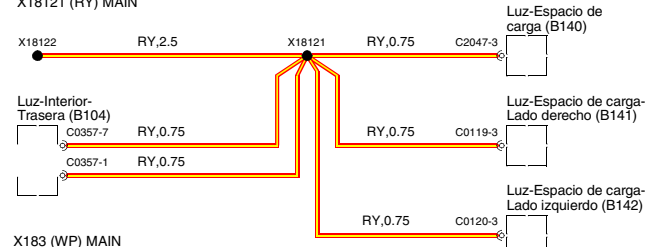
X181 (UR) MAIN



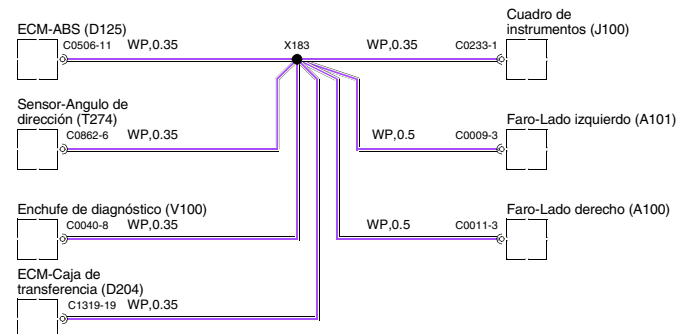
X18226 (WSY) MAIN



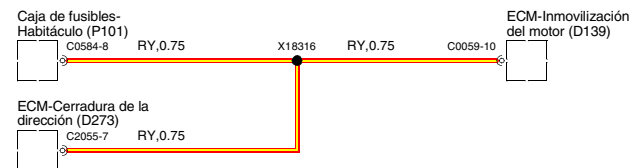
X18121 (RY) MAIN

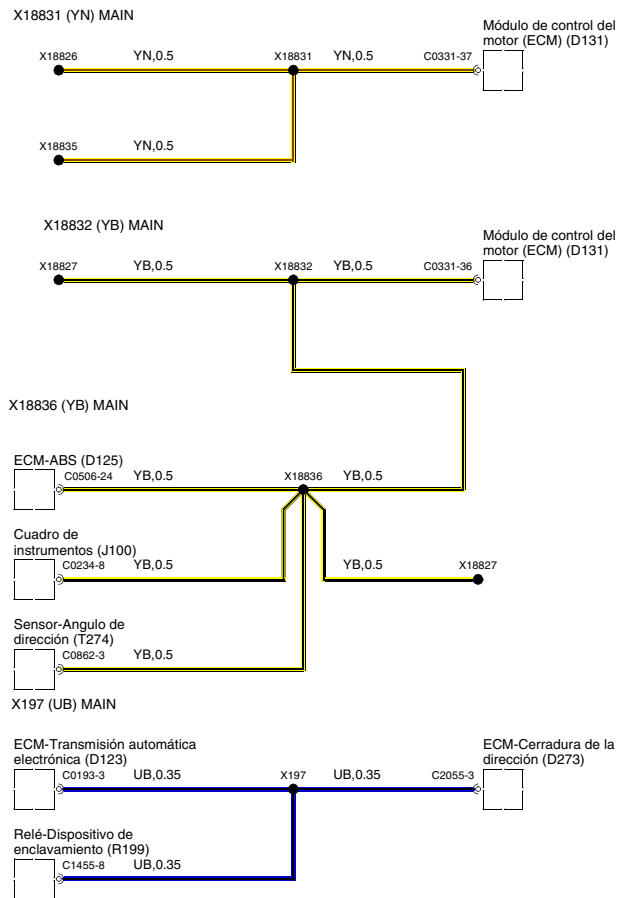


X183 (WP) MAIN



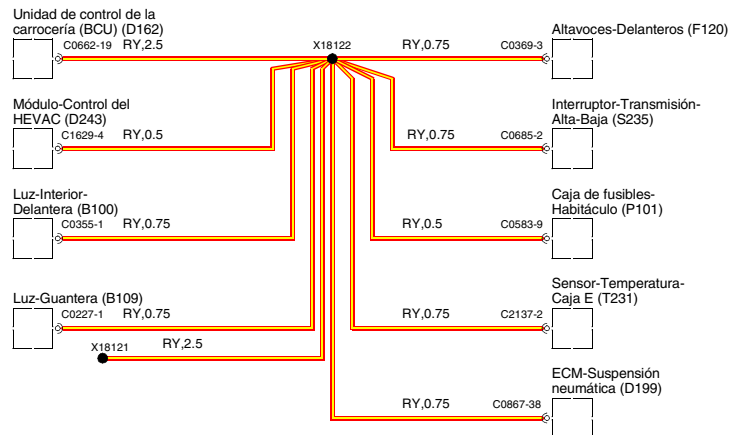
X18316 (RY) MAIN





65 EMPALMES Y TOMAS CENTRALES

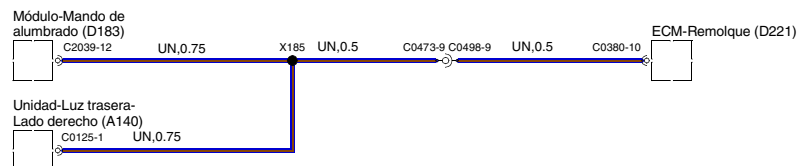
X18122 (RY) MAIN



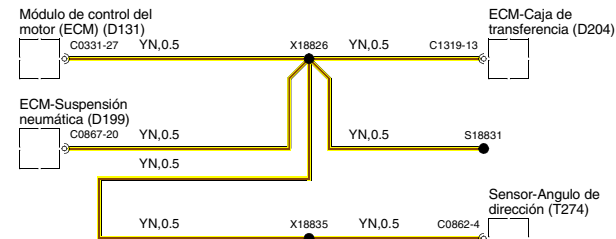
X184 (UG) MAIN



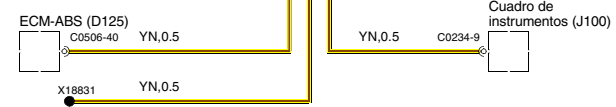
X185 (UN) MAIN



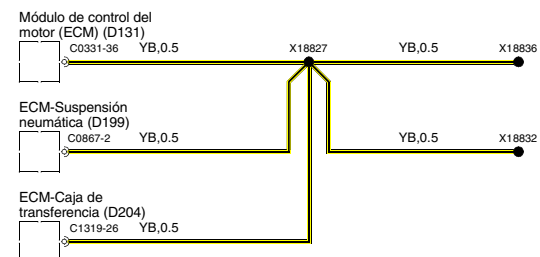
X18826 (YN) MAIN



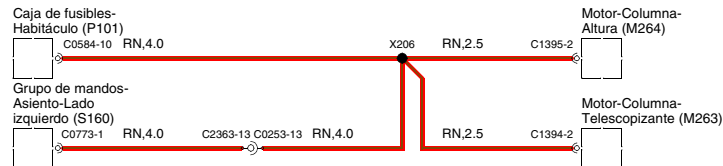
X18825 (YN) MAIN



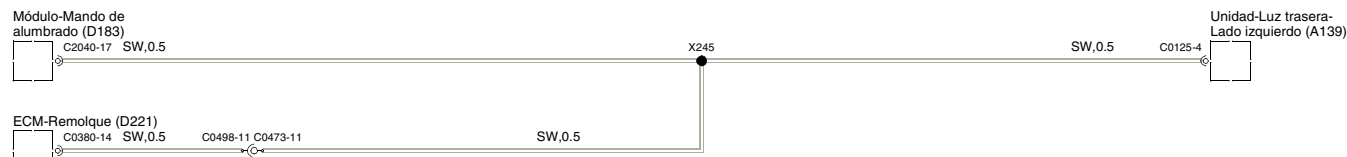
X18827 (YB) MAIN



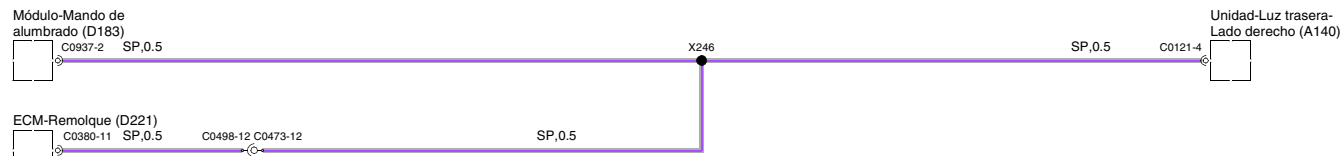
X206 (RN) MAIN



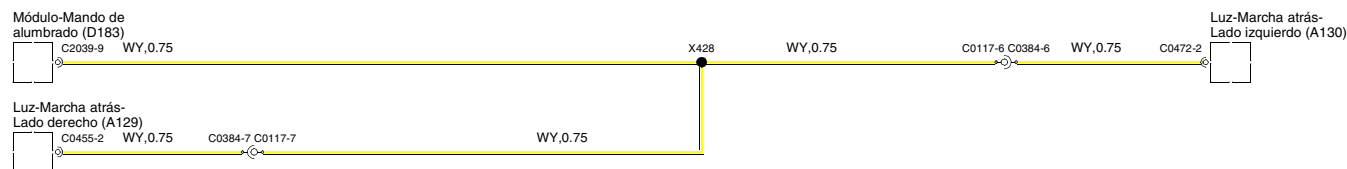
X245 (SW) MAIN



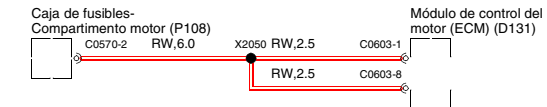
X246 (SP) MAIN



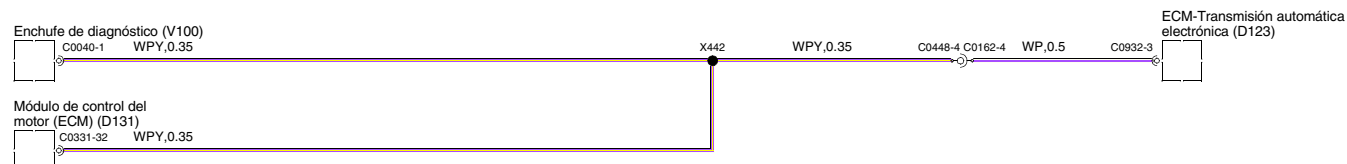
X428 (WY) MAIN



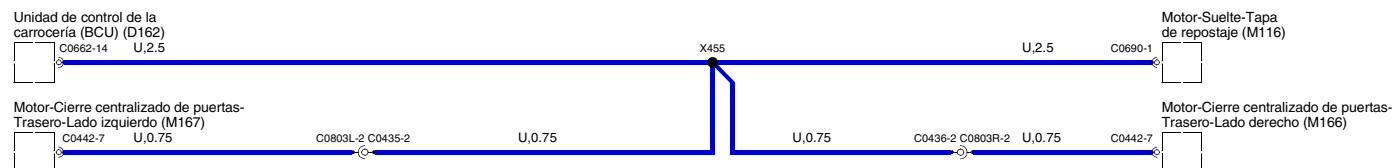
X2050 (R) Td6 ENG



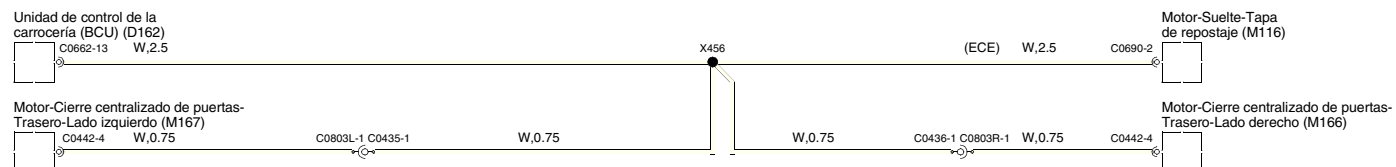
X442 (WPY) MAIN



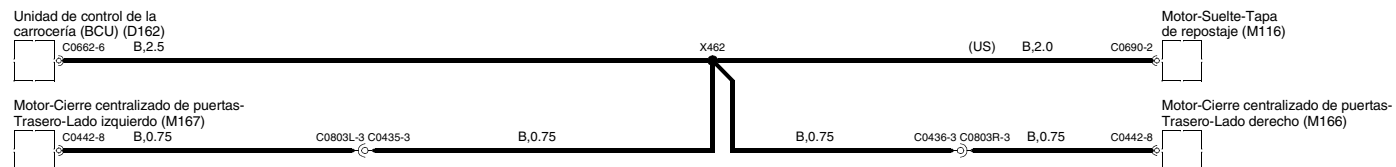
X455 (U) MAIN



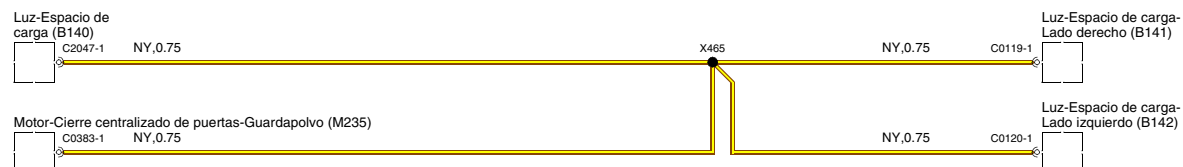
X456 (W) MAIN



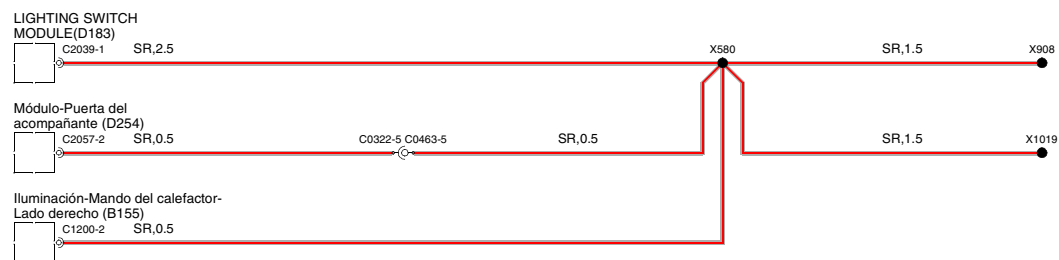
X462 (B) MAIN



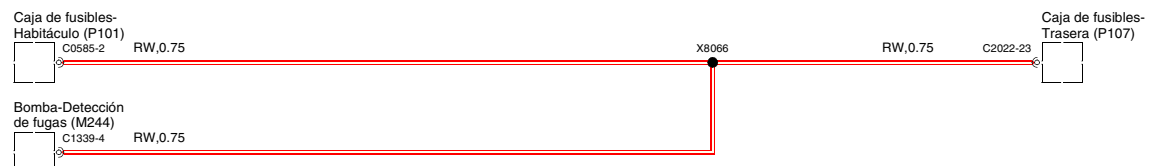
X465 (NY) MAIN



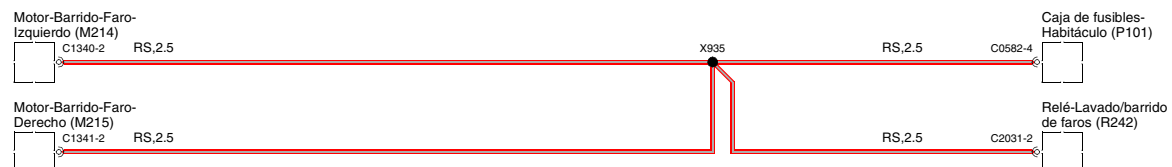
X580 (SR) MAIN

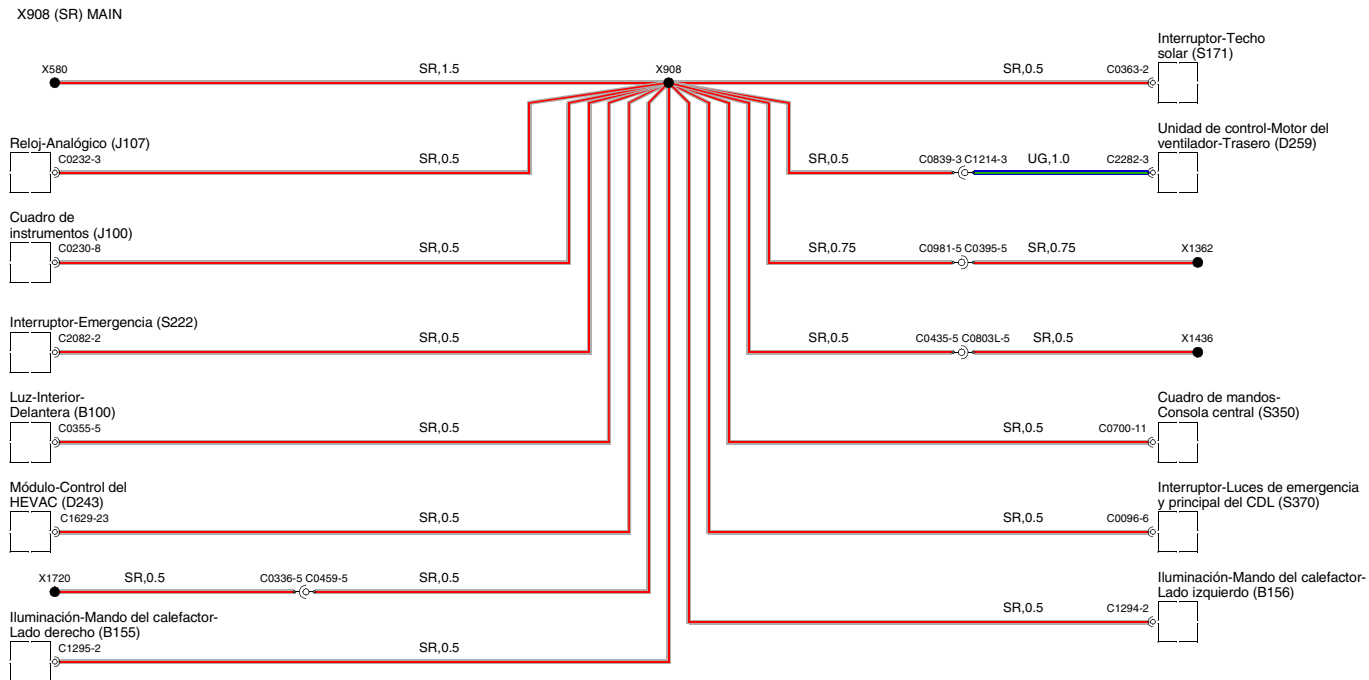


X8066 (RW) MAIN

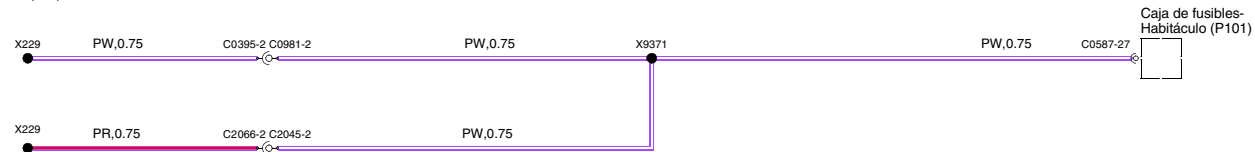


X935 (RS) MAIN

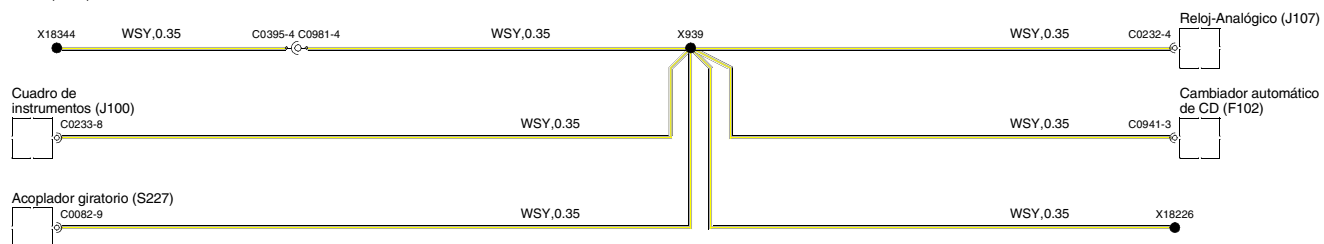




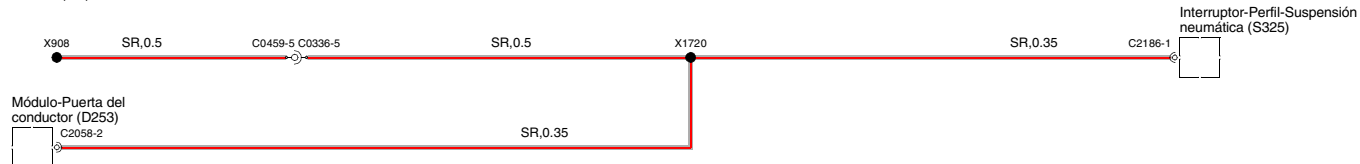
X9371 (PW) MAIN



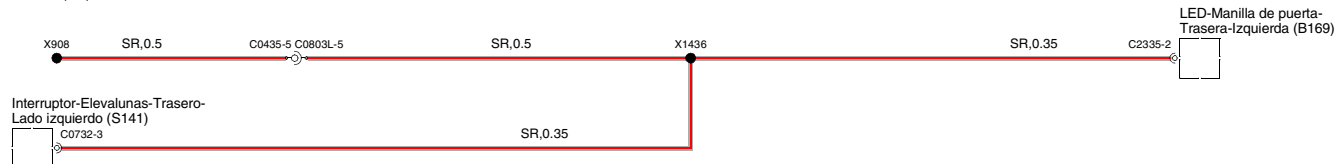
X939 (WSY) MAIN



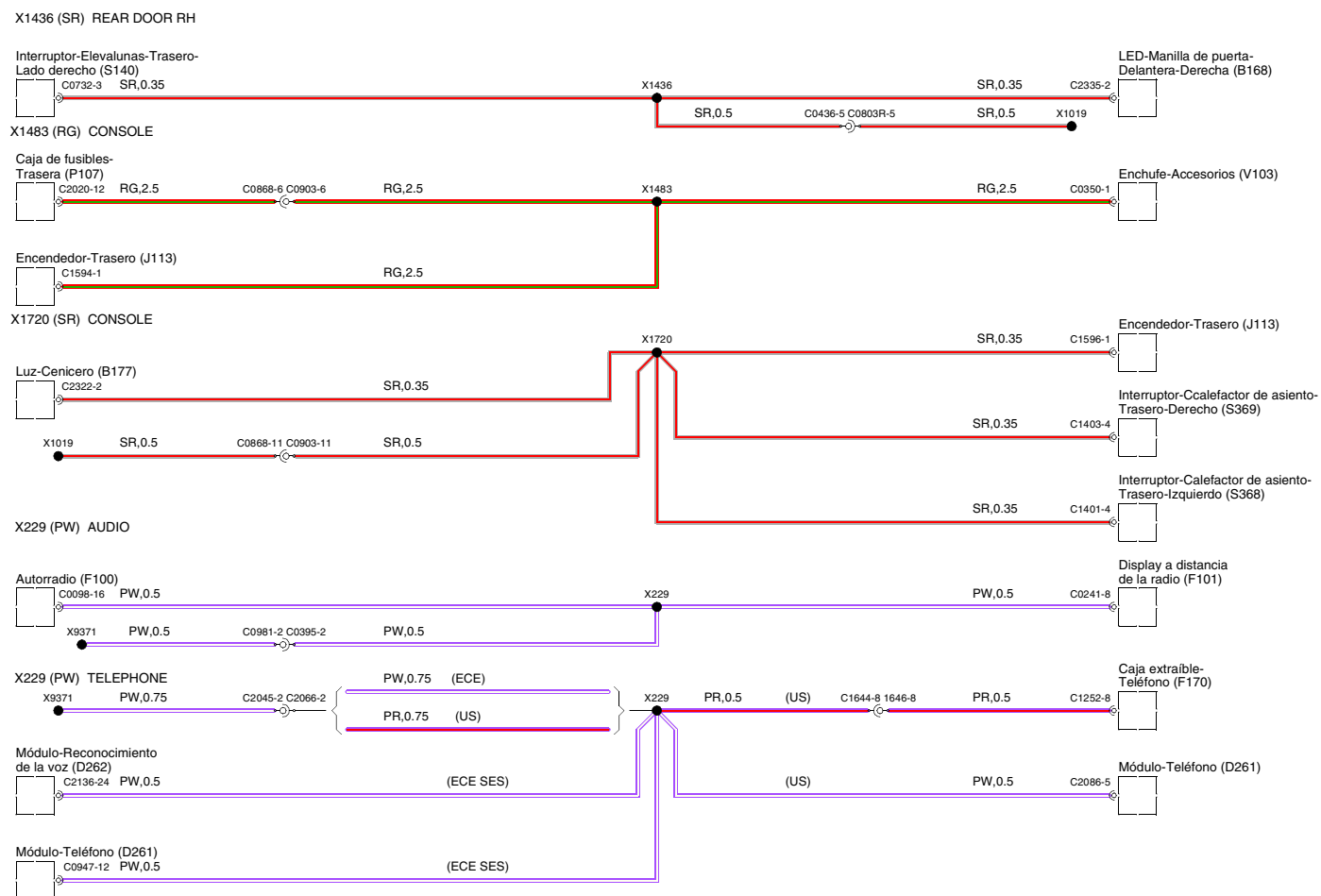
X1720 (SR) DRIVERS DOOR



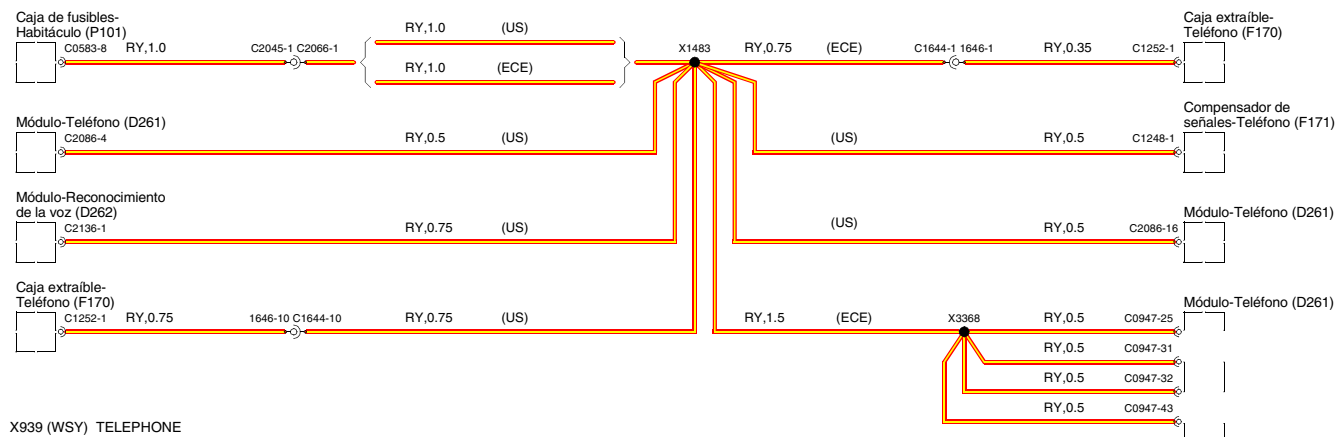
X1436 (SR) REAR DOOR LH



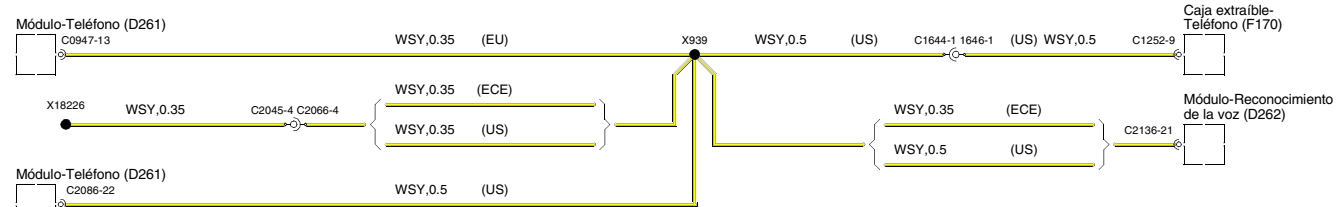
65 EMPALMES Y TOMAS CENTRALES



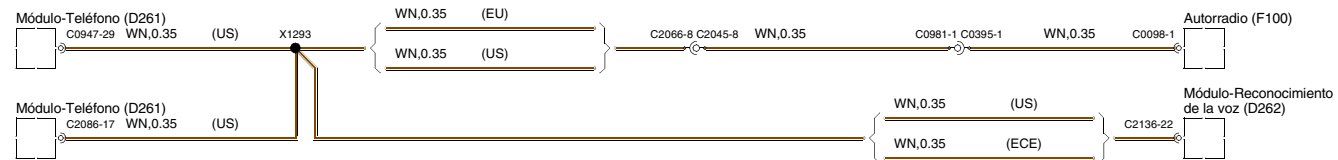
X1483 (RY) TELEPHONE X3368 (RY) TELEPHONE

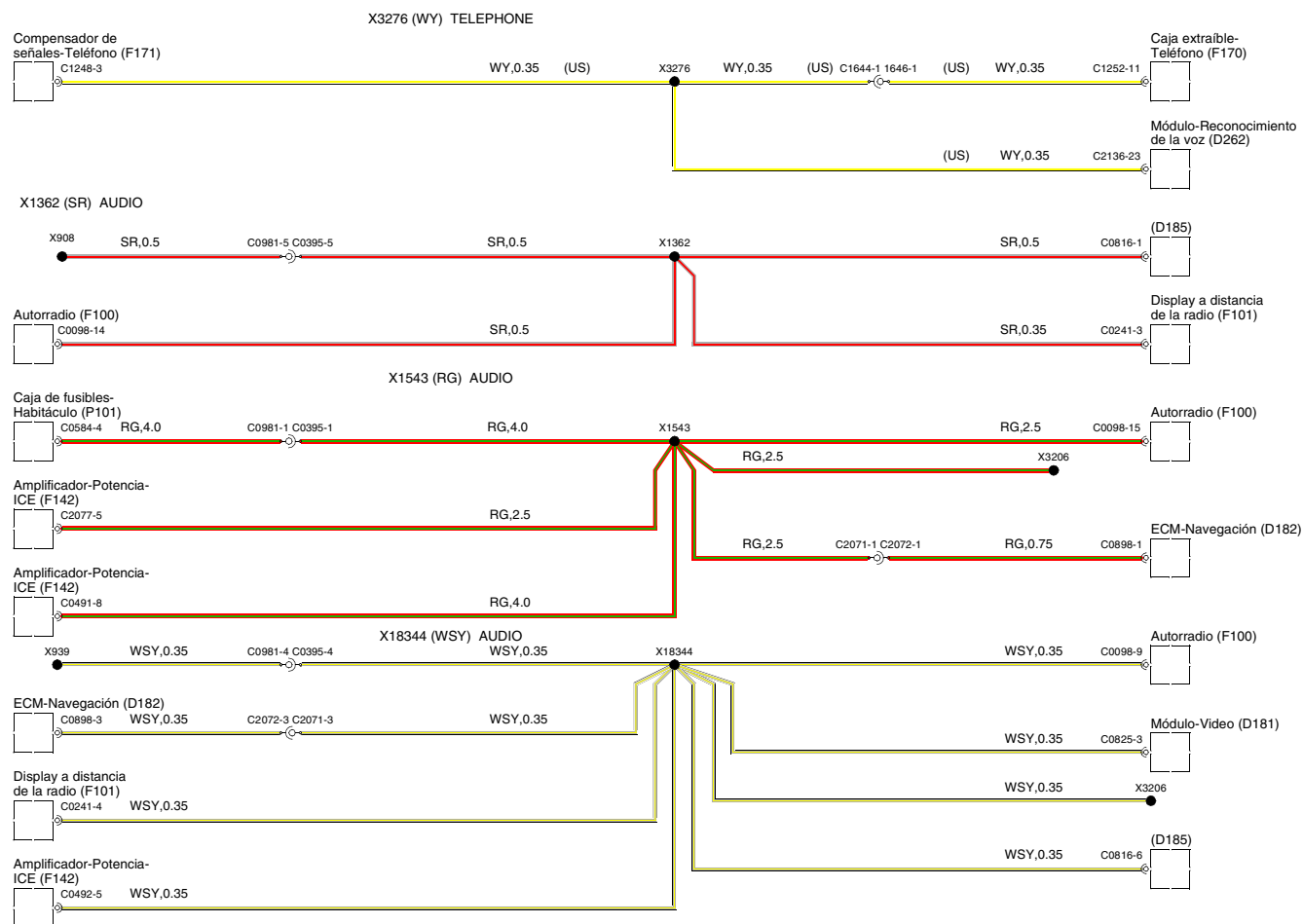


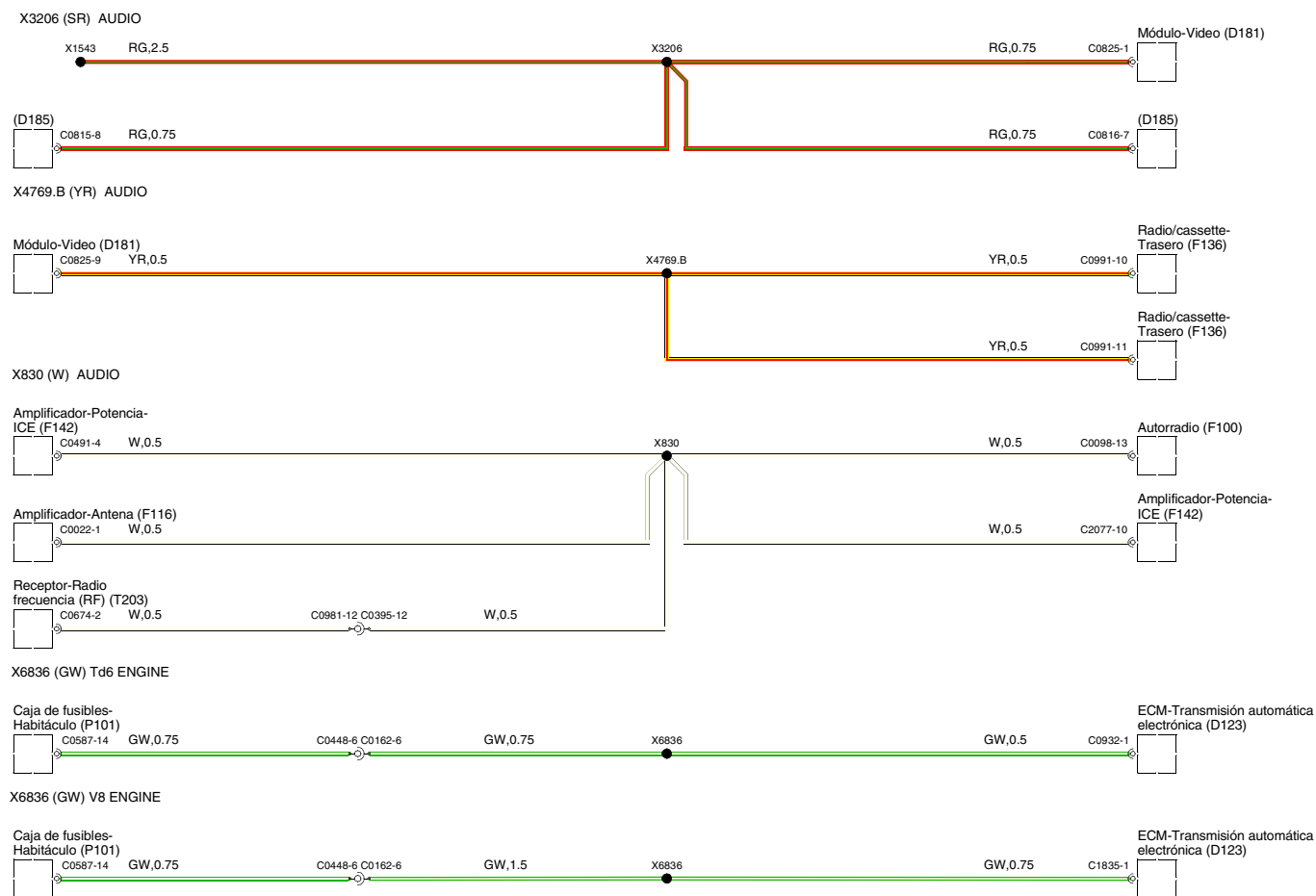
X939 (WSY) TELEPHONE



X1293 (WN) TELEPHONE

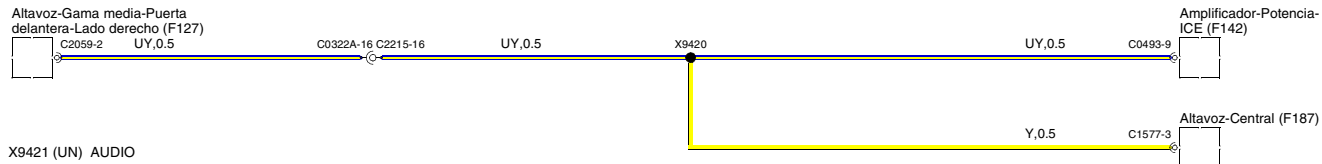




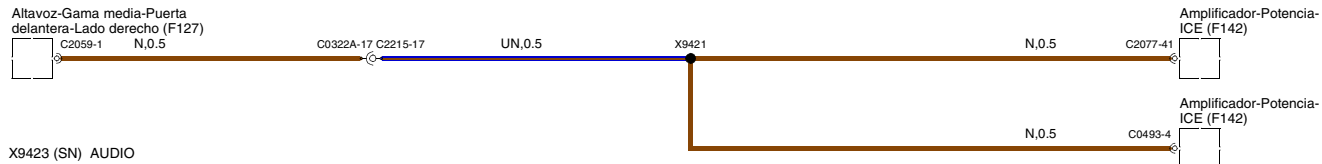


65 EMPALMES Y TOMAS CENTRALES

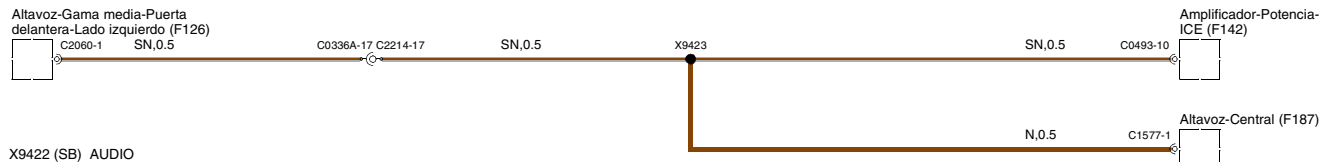
X9420 (UY) AUDIO



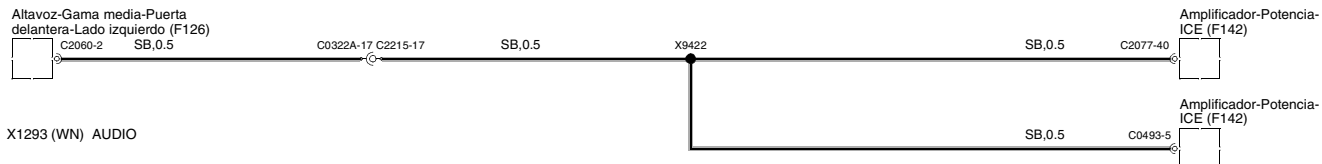
X9421 (UN) AUDIO



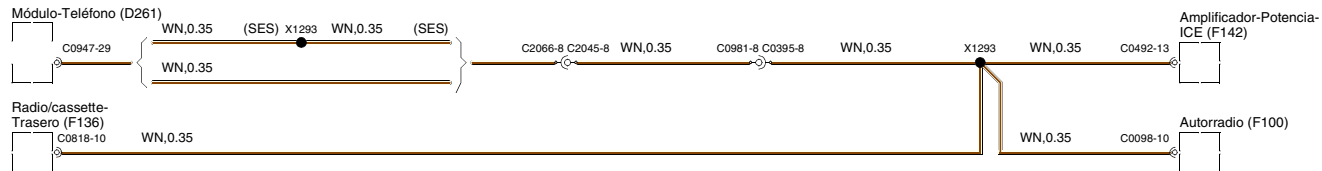
X9423 (SN) AUDIO



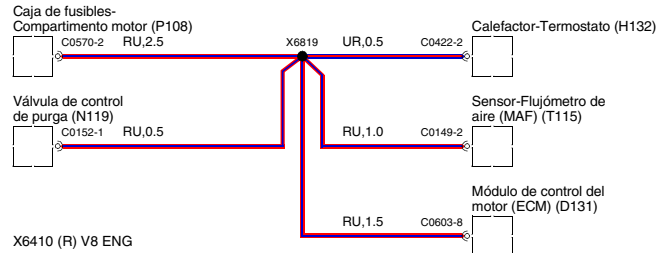
X9422 (SB) AUDIO



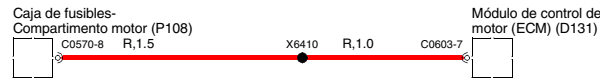
X1293 (WN) AUDIO



X6819 (RU) V8 ENG



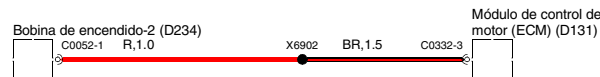
X6410 (R) V8 ENG



X6901 (W/BW) V8 ENG



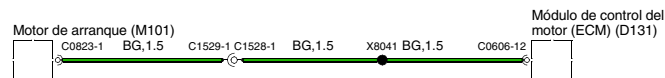
X6902 (R/BR) V8 ENG



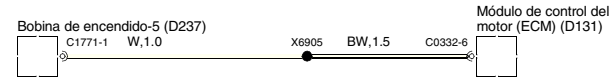
X6903 (Y/BY) V8 ENG



X8041 (BG) V8 ENG



X6905 (W/BW) V8 ENG



X6906 (R/BR) V8 ENG



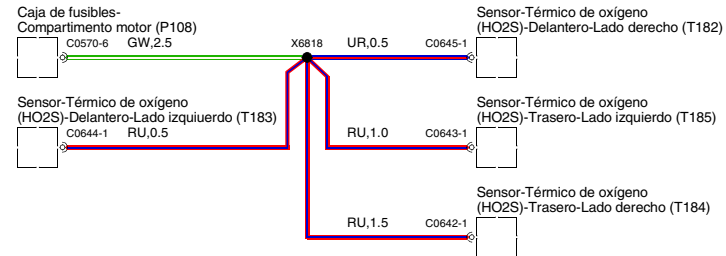
X6907 (Y/BY) V8 ENG



X6908 (U/BU) V8 ENG



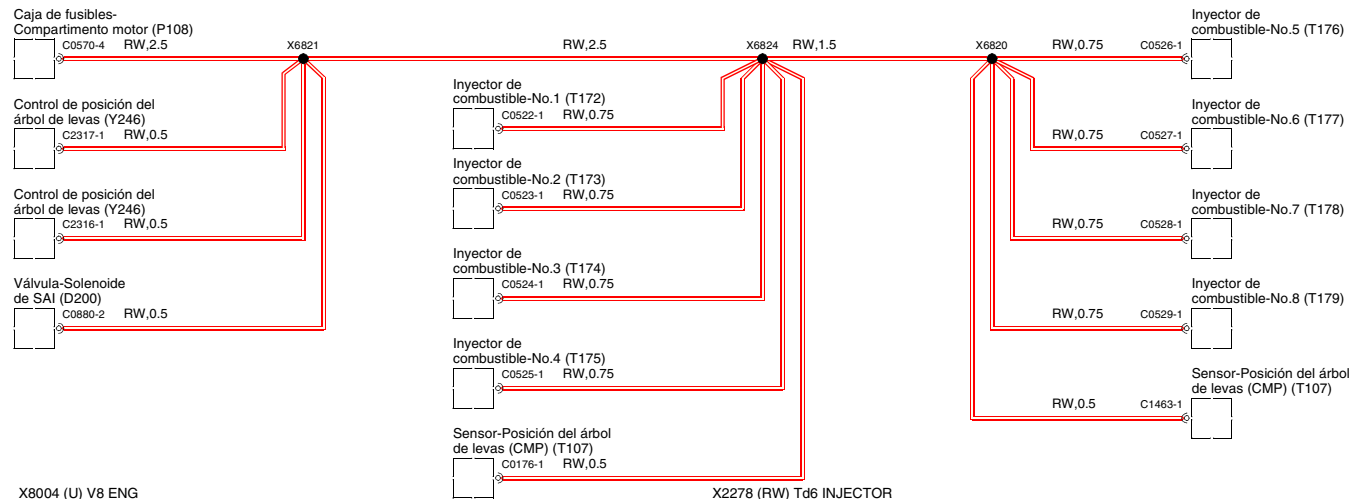
X6818 (GW) V8 ENG



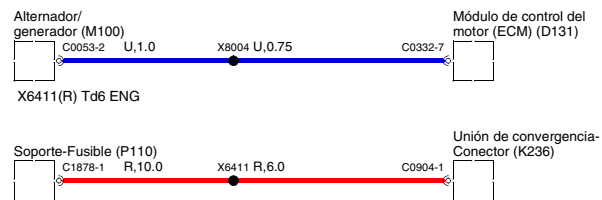
X6904 (U/BU) V8 ENG



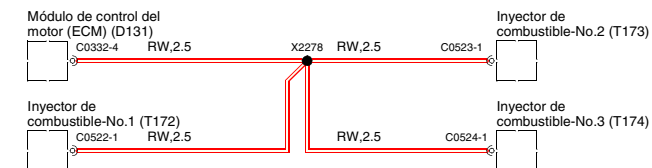
X6821 (RW) V8 ENG X6824 (RW) V8 ENG X6820 (RW) V8 ENG

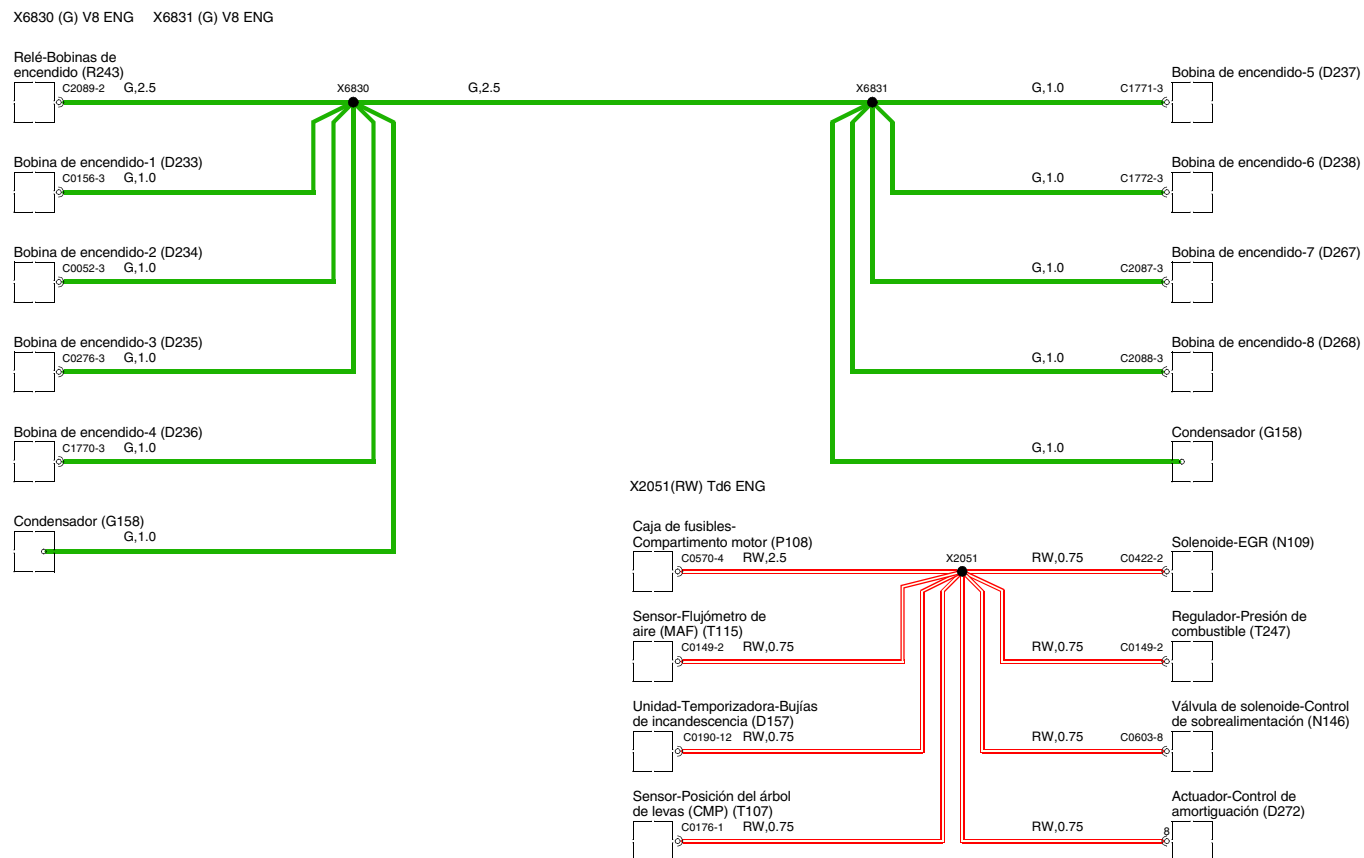


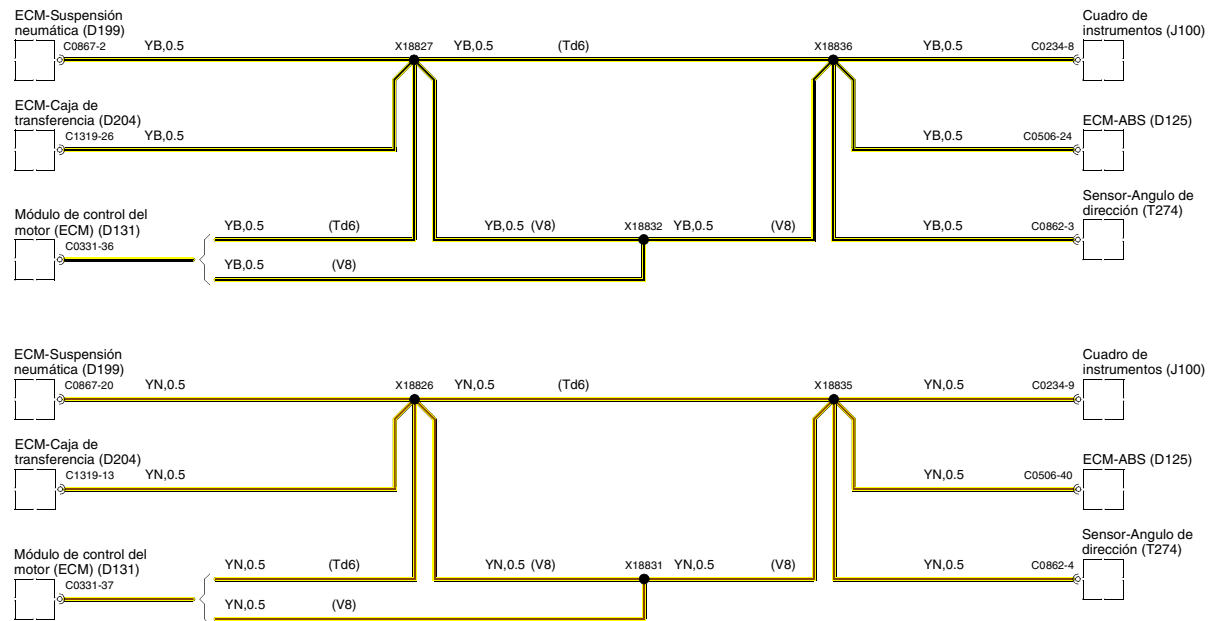
X8004 (U) V8 ENG

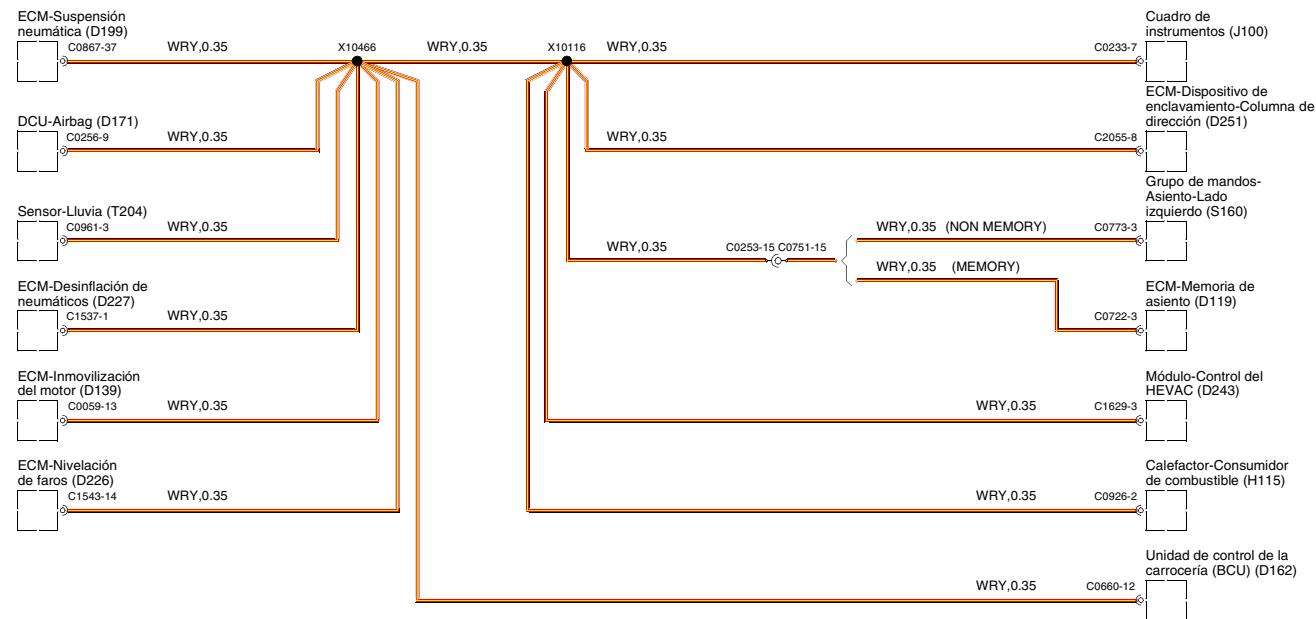


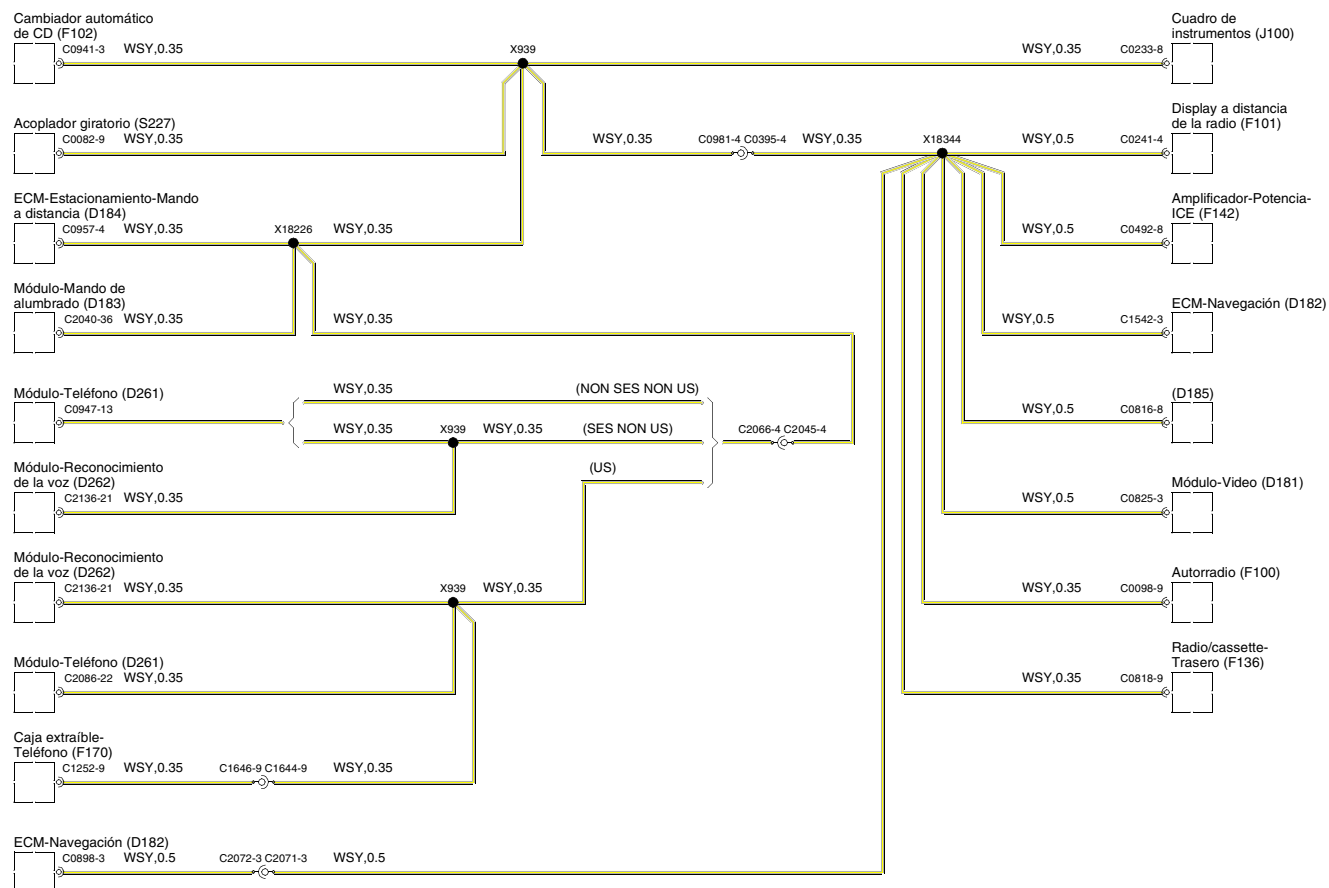
X2278 (RW) Td6 INJECTOR



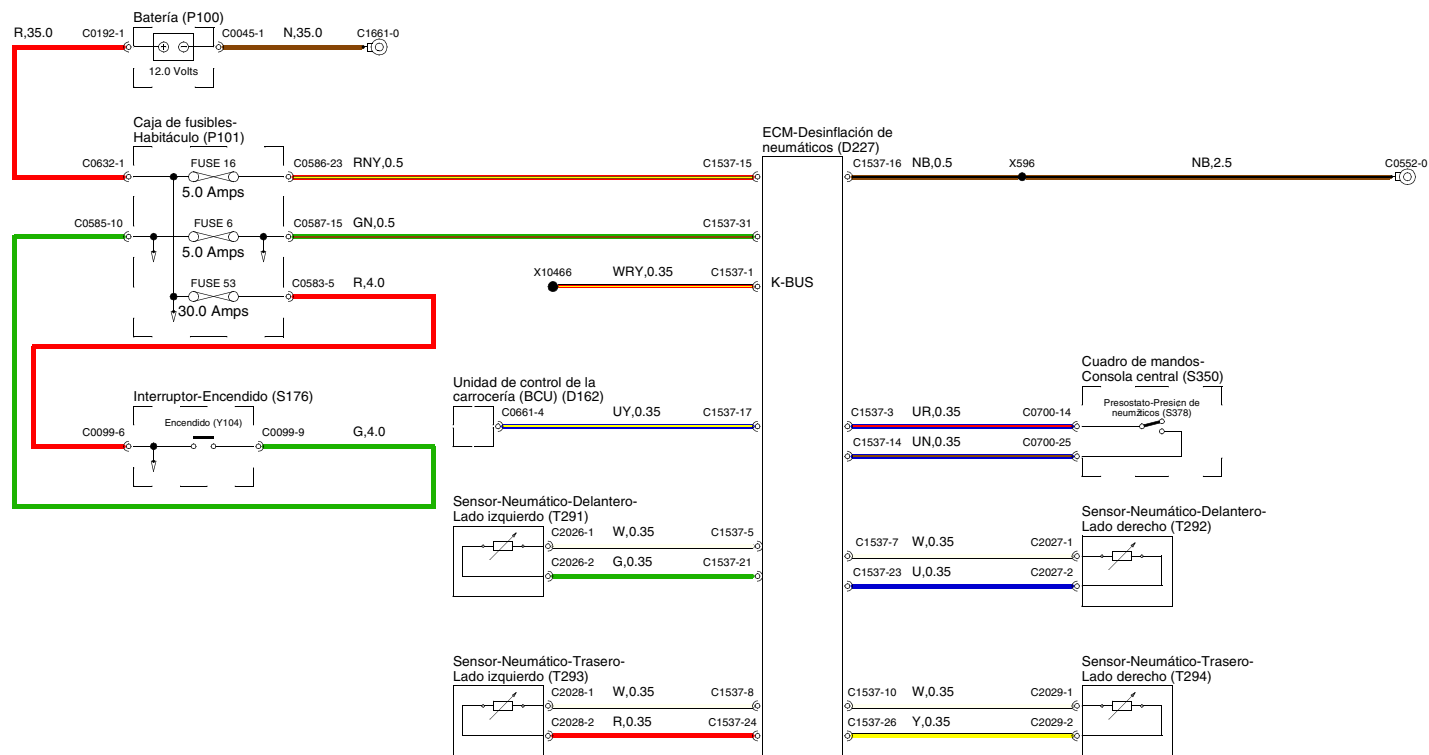








73 VIGILANCIA DE LA PRESION DE LOS NEUMATICOS



75 CONTROL DE DISTANCIA DE ESTACIONAMIENTO (PDC)

