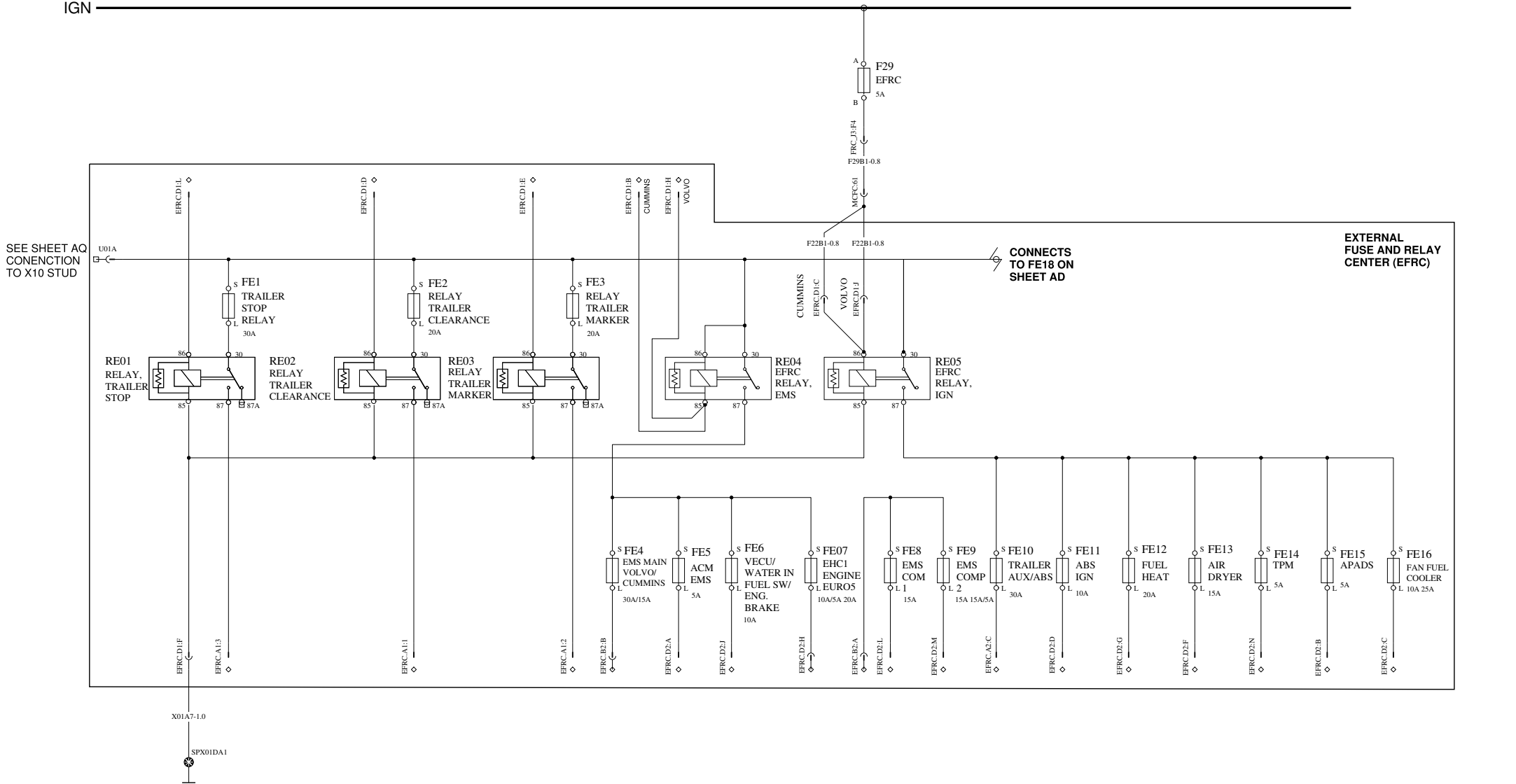


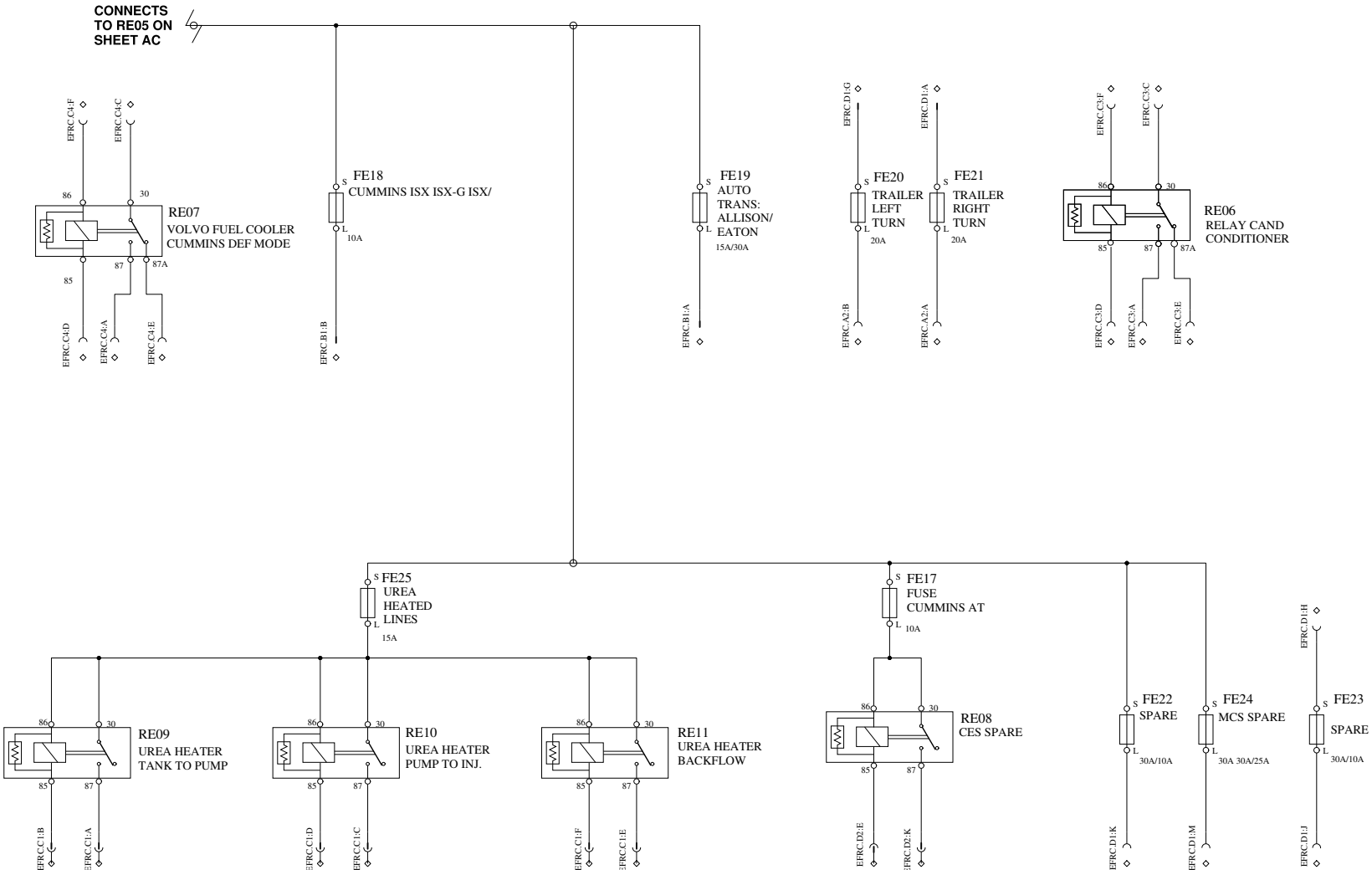
WIRING DIAGRAM INDEX

NAME	DESCRIPTION	PAGE	NAME	DESCRIPTION	PAGE
AA	POWER DISTRIBUTION FRC 1/2	2	GI	SNOW PLOW PREP	54
AB	POWER DISTRIBUTION FRC 2/2	3	GJ	BEACON LAMPS	55
AC	POWER DISTRIBUTION EFRC 1/2	4	GK	HOOK UP LAMPS	56
AD	POWER DISTRIBUTION EFRC 2/2	5	GL	FOG LIGHTS	57
AE	GROUNDING	6	GM	DRIVING/SIGNAL LIGHTS:CONSTRUC	58
AF	STARTING AND CHARGING	7	GP	WINSHIELD WIPER/WASHER	59
AG	VEHICLE ECU 1/3 EMS POWER CONTROL	8	GQ	HORN	60
AH	VEHICLE ECU 2/3	9	HA	CLIMATE CONTROL	61
AI	VEHICLE ECU 3/3	10	HB	SLEEPER CLIMATE CONTROL W/LECM 70" SLEE	62
AJ	VECU, PTO AND PDLO SWITCHES	11	HC	SHORE POWER W/O INVERTER	63
AM	STARTING AND CHARGING, ISX-G WITH IN FRA	12	HD	SLEEPER FUNCTIONS W/O LECM 48 INCH BASI	64
AQ	POWER DISTRIBUTION / KEY SWITCH	13	HE	LIGHTING AND POWER OUTLETS 70" SLEEPER	65
BA	INSTRUMENT CLUSTER 1/2	14	HF	SLEEPER COURTESY AND UNDER BUNK	66
BB	INSTRUMENT CLUSTER 2/2	15	HH	SLEEPER PIPE LIGHTING SWITCH	67
BE	PEOPLENET	16	HI	SHORE POWER W/INVERTER	68
BF	QUALCOMM	17	HJ	AUXILLIARY 12V PARK COOLING SYSTEM	69
BG	TELEMATICS GATEWAY (TGW)	18	HK	APADS	70
BH	ALLISON BODY BUILDER INTERFACE	19	HL	SLEEPER CLIMATE CONTROL W/LECM 48" SLEEP	71
BI	BODY BUILDER CAB INTERFACE	20	HM	LIGHTING AND POWER OUTLETS 48" SLEEPER	72
BK	BODYBUILDER BODYLINK	21	IA	COURTESY LIGHTS - DRIVING COMPARMENT	73
BL	BATTERY BUSSING	22	IB	COURTESY LIGHTS - DAYCAB AND HOS SLEEPER	74
BN	BODYBUILDER TURNPIKE	23	IC	COURTESY LIGHTS - 48" SLEEPER	75
BP	ISX-G FUEL SYSTEM	24	ID	COURTESY LIGHTS - 70" SLEEPER	76
BY	TMC RP 1226 CONNECTORS	25	IF	POWER WINDOWS/MIRRORS/LOCKS	77
CA	ENGINE HEATER	26	IG	REMOTE DOOR LOCKING	78
CB	ENGINE CONTROL MACK ENGINE	27	IH	BRIGHTWORK	79
CF	CARB 2024	28	IJ	HEATED SEATS/SEATBELT REMINDER/HEATED WI	80
CL	ENGINE CONTROL ISX-G	29	IK	CIGAR LIGHTER / AUX POWER	81
CM	METHANE DETECTION	30	JA	SEAT SRS	82
CN	UREA DOSING SYSTEM - MACK ENGINE OBD 201	31	JE	ADAPTIVE CRUISE CONTROL	83
DA	TRANSMISSION MDRIVE	32	JF	LANE CHANGE SUPPORT SYSTEM	84
DB	TRANSMISSION CONTROL - ULTRASHIFT	33	JG	LANE DEPARTURE WARNING -DAYCAB AND 48" S	85
DE	TRANSMISSION CONTROL ALLISON 1/2	34	JH	LANE DEPARTURE WARNING - 70 " SLEEPER	86
DF	ALLISON TRANSMISSION CONTROLS 2/2	35	KA	AUDIO SYSTEM - DAYCAB	87
DP	MDRIVE DUAL PTO	36	KB	AUDIO SYSTEM - SLEEPERS	88
EA	ABS CONTROL WABCO	37	KC	AUDIO SYSTEM SPEAKER OUTPUTS W/ AMPLIFIE	89
EB	SUSPENSION ECU 6X2	38	KD	AUDIO SYSTEM - BLUETOOTH	90
EC	ABS CONTROL BENDIX	39	KL	INFOTAINMENT AUDIO SYSTEM 1/2	91
ED	ABS CONTROL BENDIX ECS	40	KM	INFOTAINMENT AUDIO SYSTEM 2/2	92
FA	AIR DRYER/HEATED DRAIN VALVE	41	MA	TRAILER CABLE	93
FD	CHASSIS SOLENOIDS 1/2	42	MB	TRAILER CABLE OPTIONS	94
FE	CHASSIS SOLENOIDS 2/2	43	MC	TRAILER CABLES OPTIONS	95
FG	TIRE PRESSURE MONITOR	44	MD	CENTER PIN HOT	96
FH	MACK COMMAND STEERING	45	NA	SPARE SWITCHES AND AUXSW-6 OPTION	97
GA	LIGHTING CONTROL 1/2	46	NB	SPARE SWITCHES - AUXS-8BB	98
GB	LIGHTING CONTROL 2/2	47	NC	SPARE SWITCHES - BBM-PK16	99
GC	CLEARANCE LAMPS	48	ND	TAILGATE LIFT POWER	100
GD	DRIVING/SIGNAL LIGHTS: AERO OR CONSTRUC	49	XA	DIAGNOSTICS 1/4 (DL4 - J1587 & DL2 - J22	101
GE	LIGHTING FORWARD SIGNAL: CLASSIC	50	XB	DIAGNOSTICS 2/4 (CAB DL1 - J1939)	102
GF	TAIL LAMPS W/ ALARM	51	XC	DIAGNOSTICS 3/4 (CHASSIS DL1 - J1939)	103
GG	LIGHT CONTROL - BACK UP LAMPS	52	XD	DIAGNOSTICS 4/4 (CHASSIS DL1 - 1939)	104
GH	SIDE REPEATER/MARKER OPTIONS	53	XF	DIAGNOSTICS CUMMINS (DL10)	105

POWER DISTRIBUTION EFRC 1/2

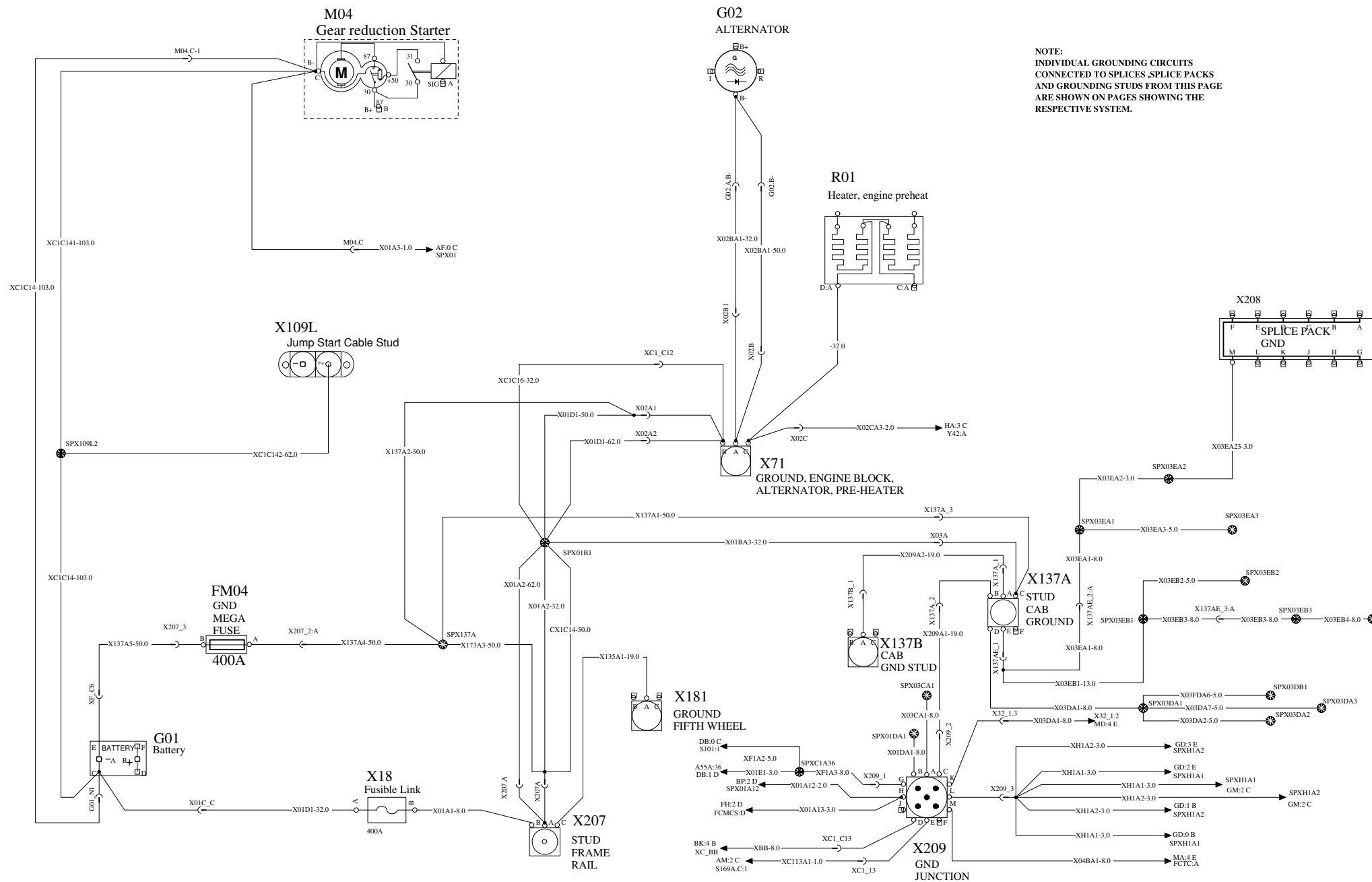
WIRING DIAGRAM: AC





GROUNDING

WIRING DIAGRAM: AE



Volvo Truck Corporation

Document title
WIRING DIAGRAM, 12V MACK CONVENTIONAL

Document type
PRODUCT SCHEMATIC

Document No
23970505

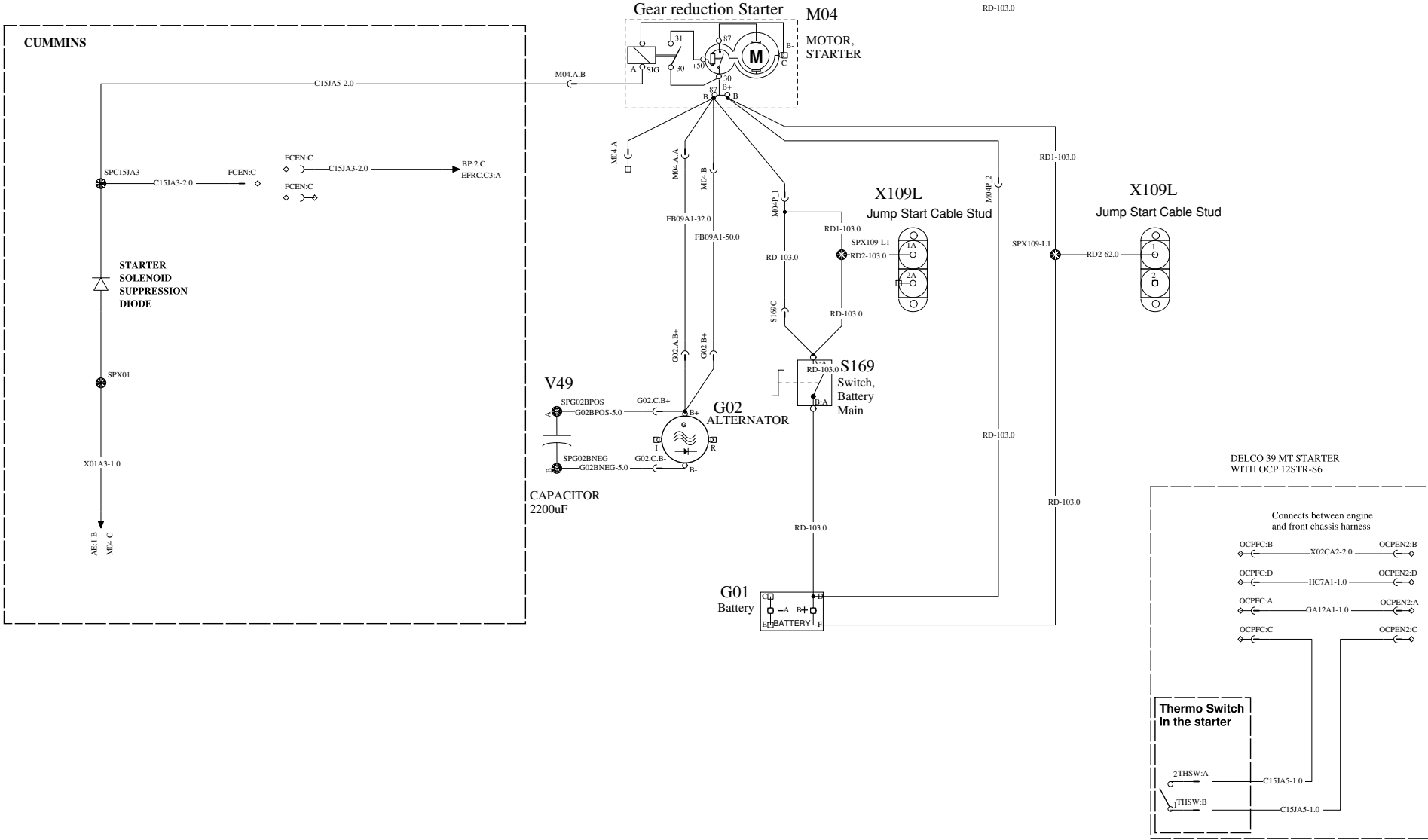
Issue
04

Volume
1 (1)

Page
6 (105)

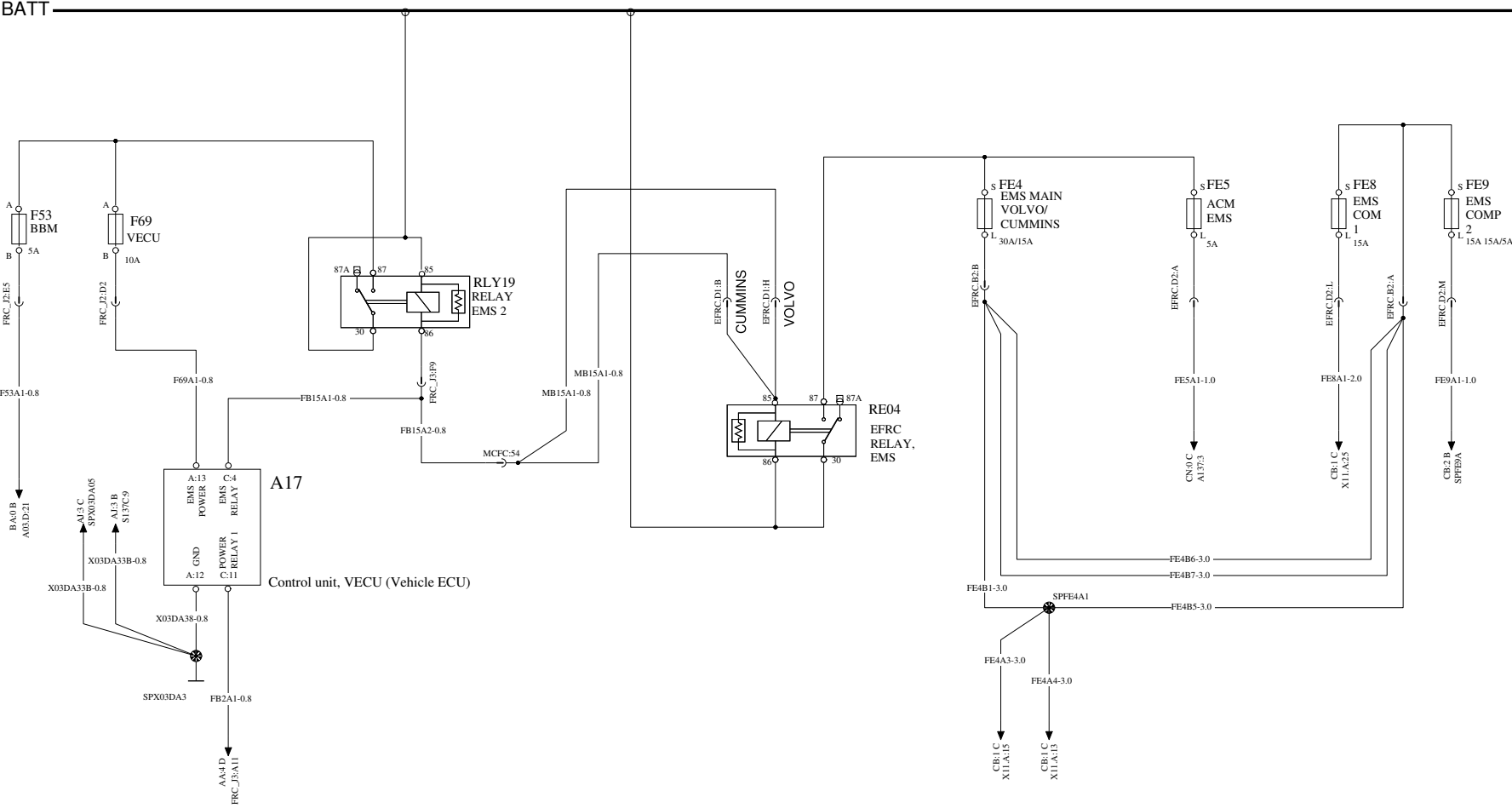
STARTING AND CHARGING

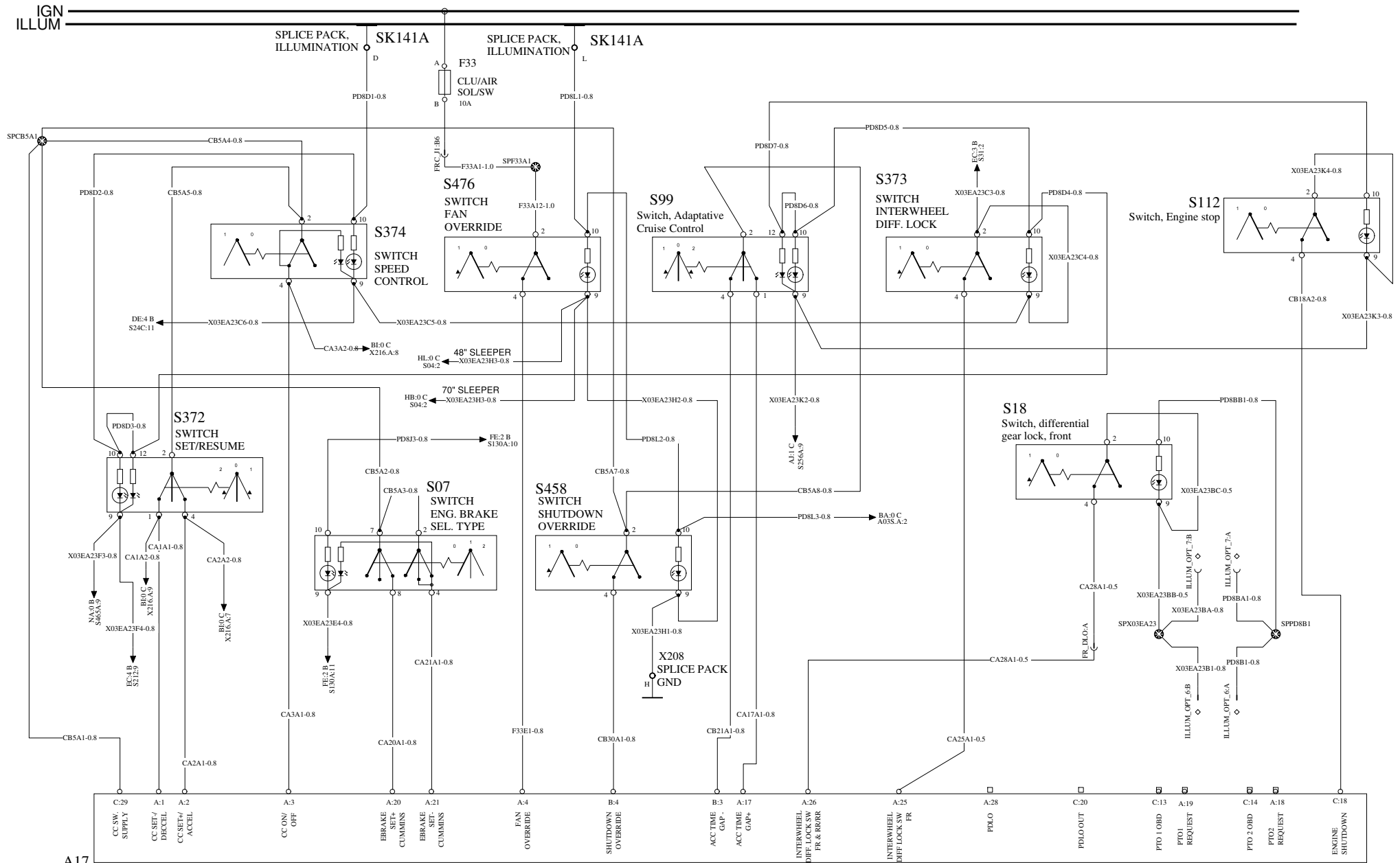
WIRING DIAGRAM: AF



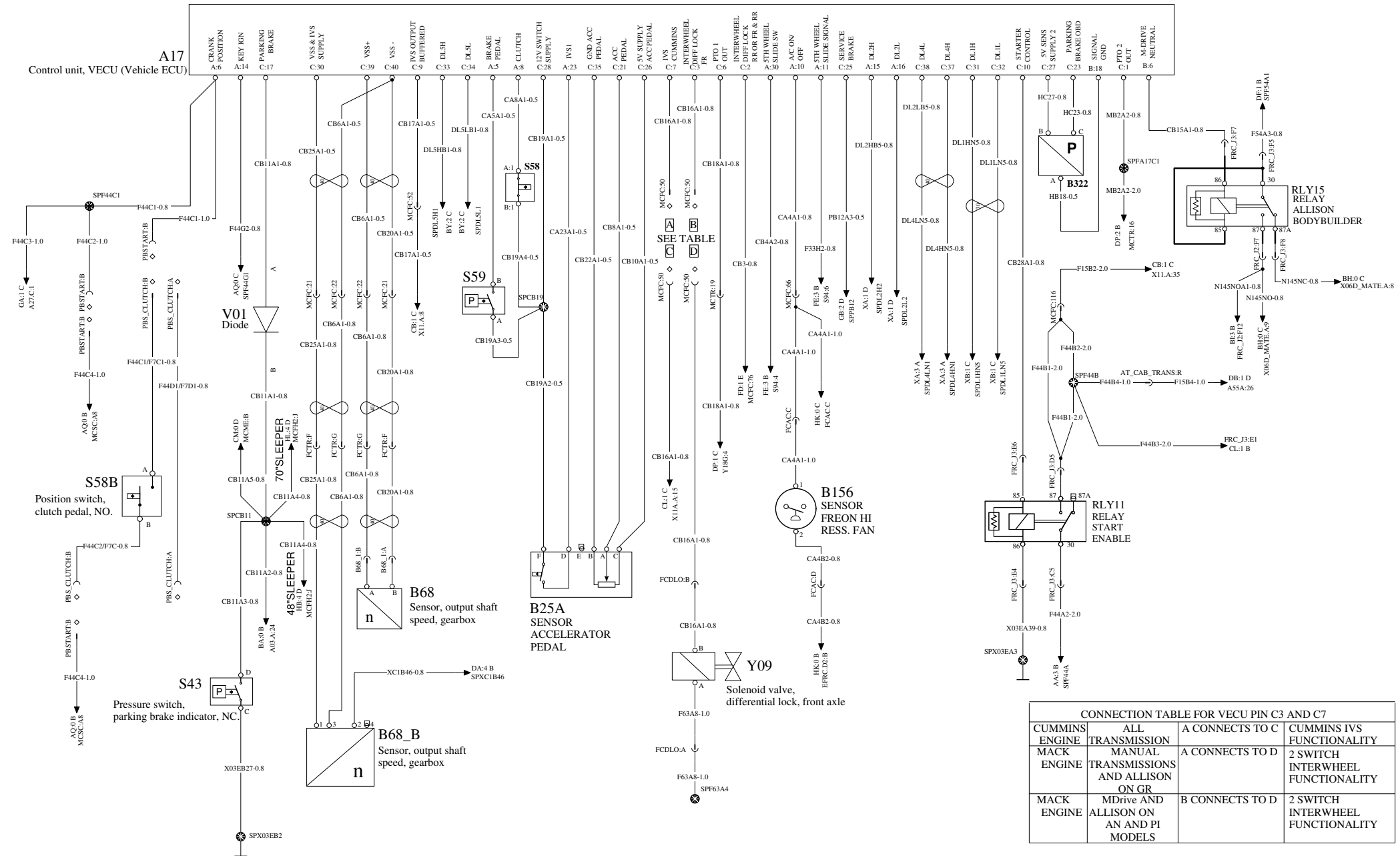
VEHICLE ECU 1/3 EMS POWER CONTROL

WIRING DIAGRAM: AG

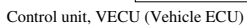




A17 Control unit, VECU (Vehicle ECU)



WIRING DIAGRAM: AJ



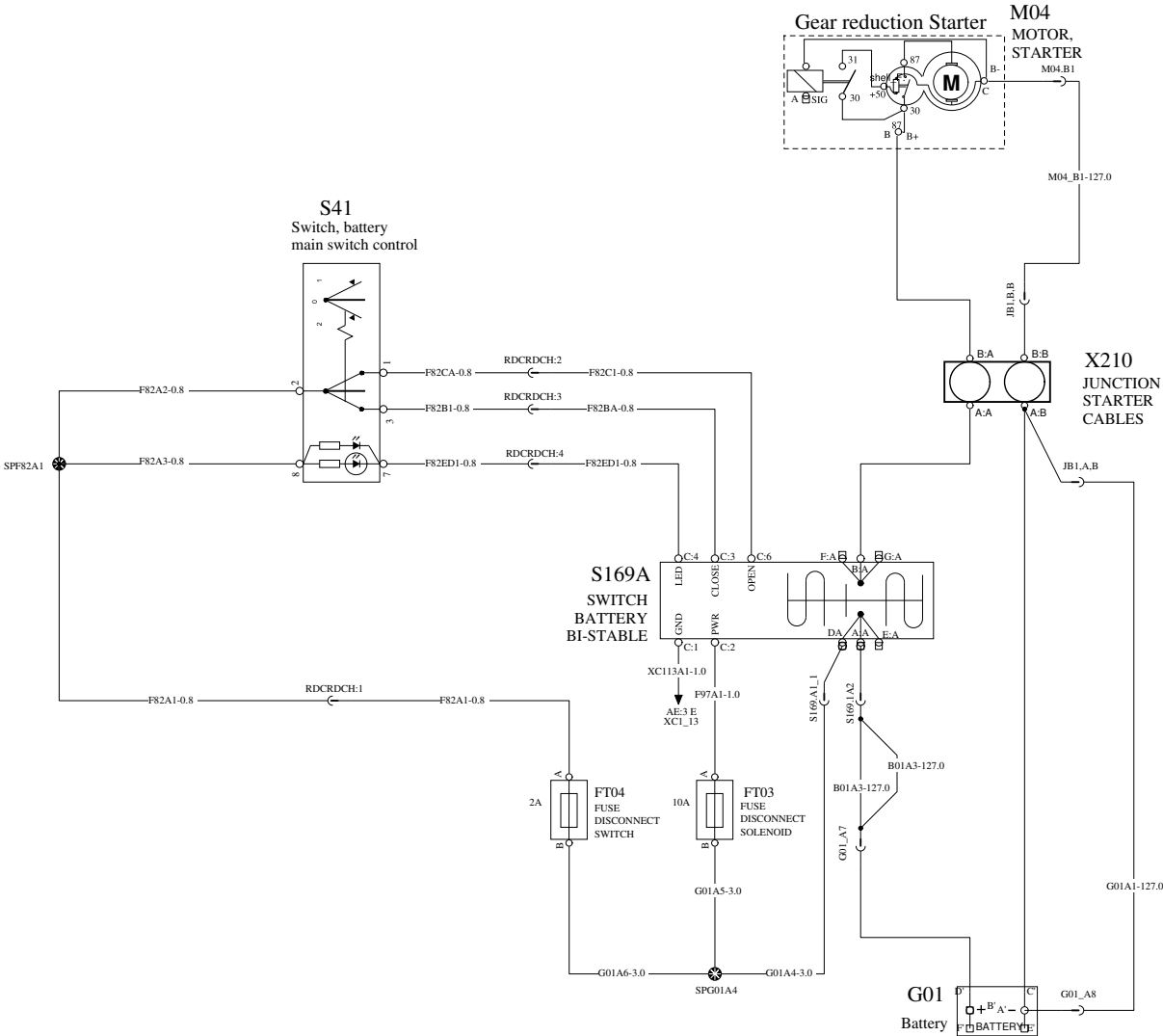
Document title	WIRING DIAGRAM, 12V MACK CONVENTIONAL
Document type	PRODUCT SCHEMATIC

23970505

04

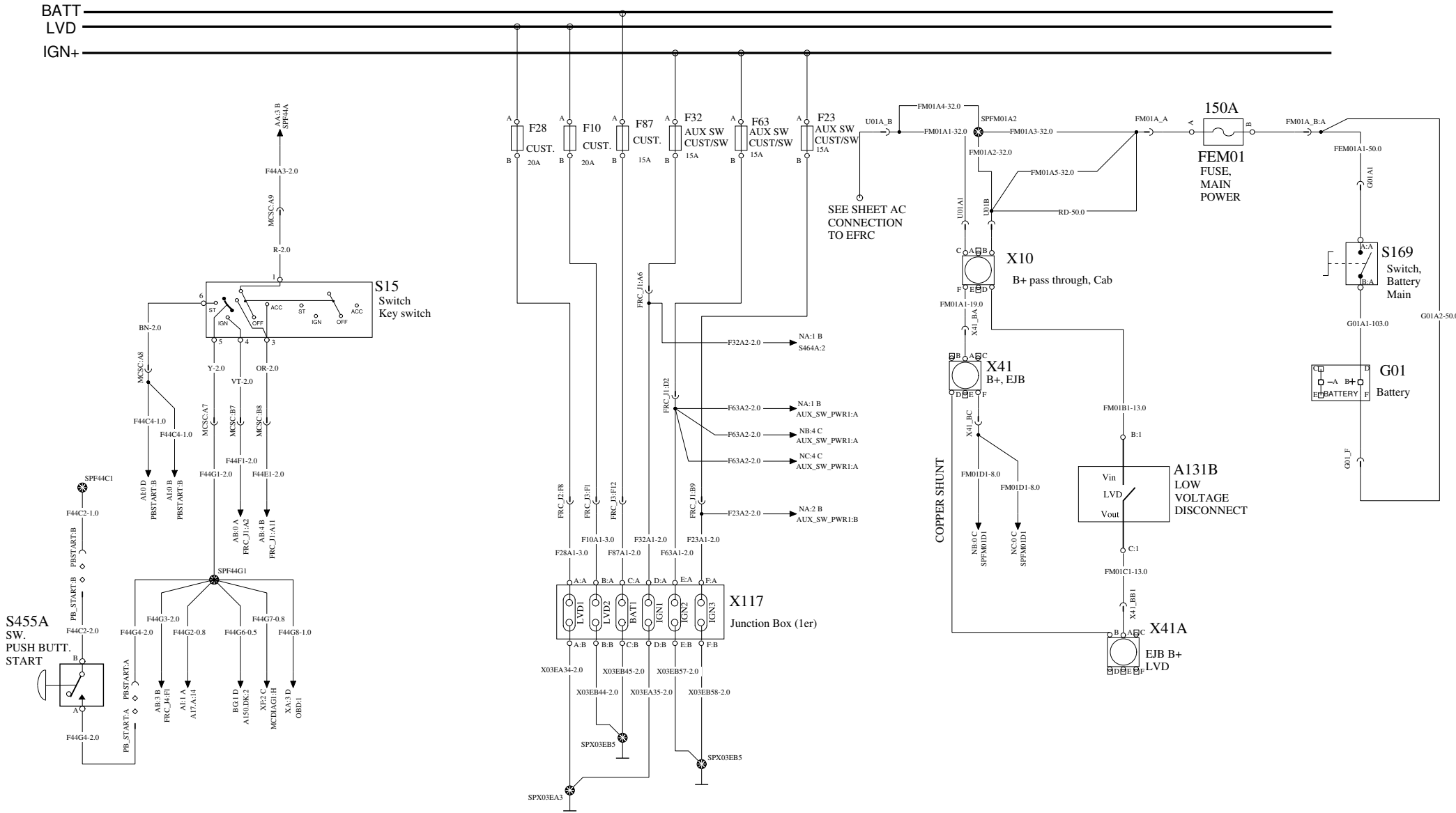
1 (1)

11 (105)



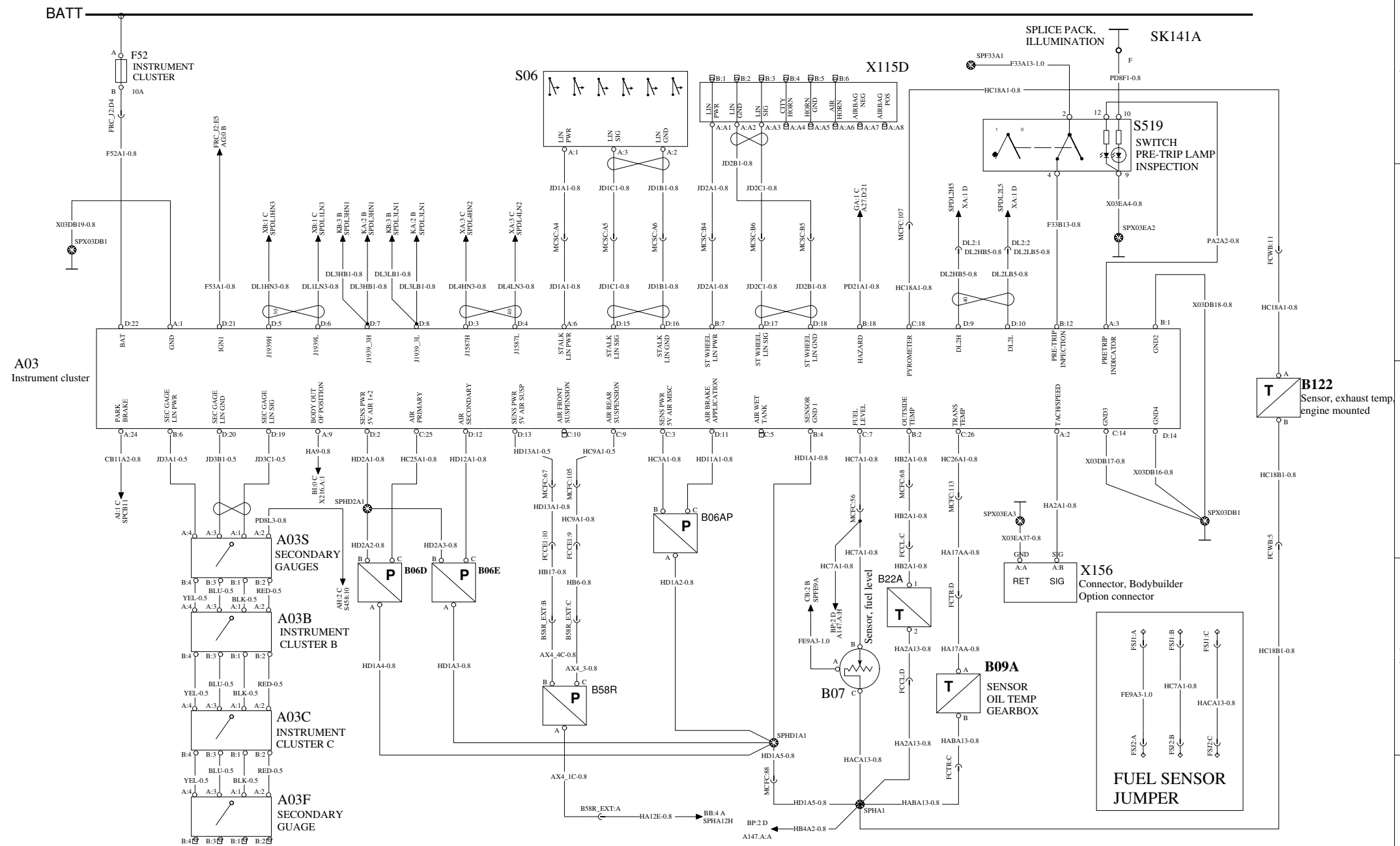
POWER DISTRIBUTION / KEY SWITCH

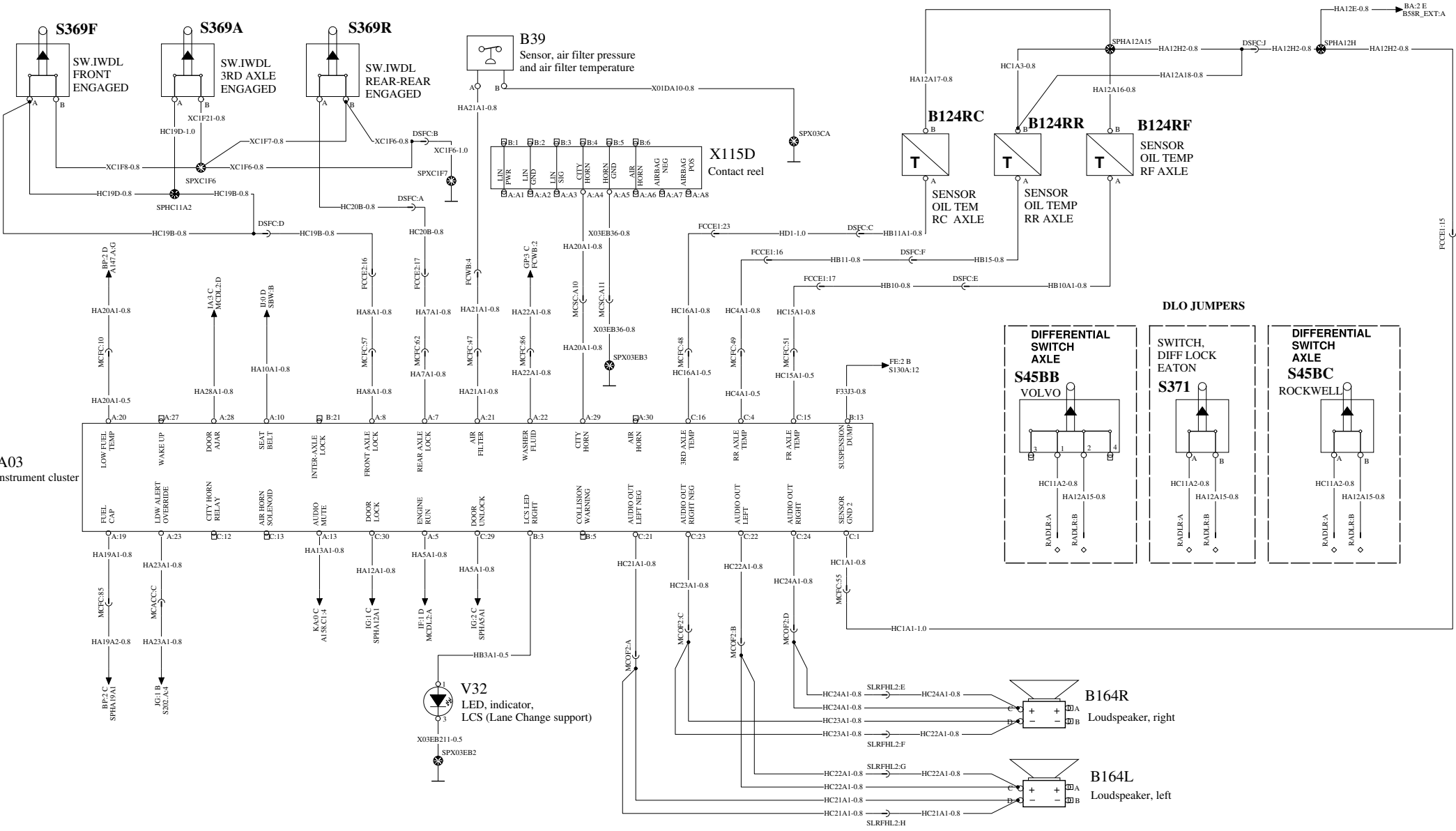
WIRING DIAGRAM: AQ



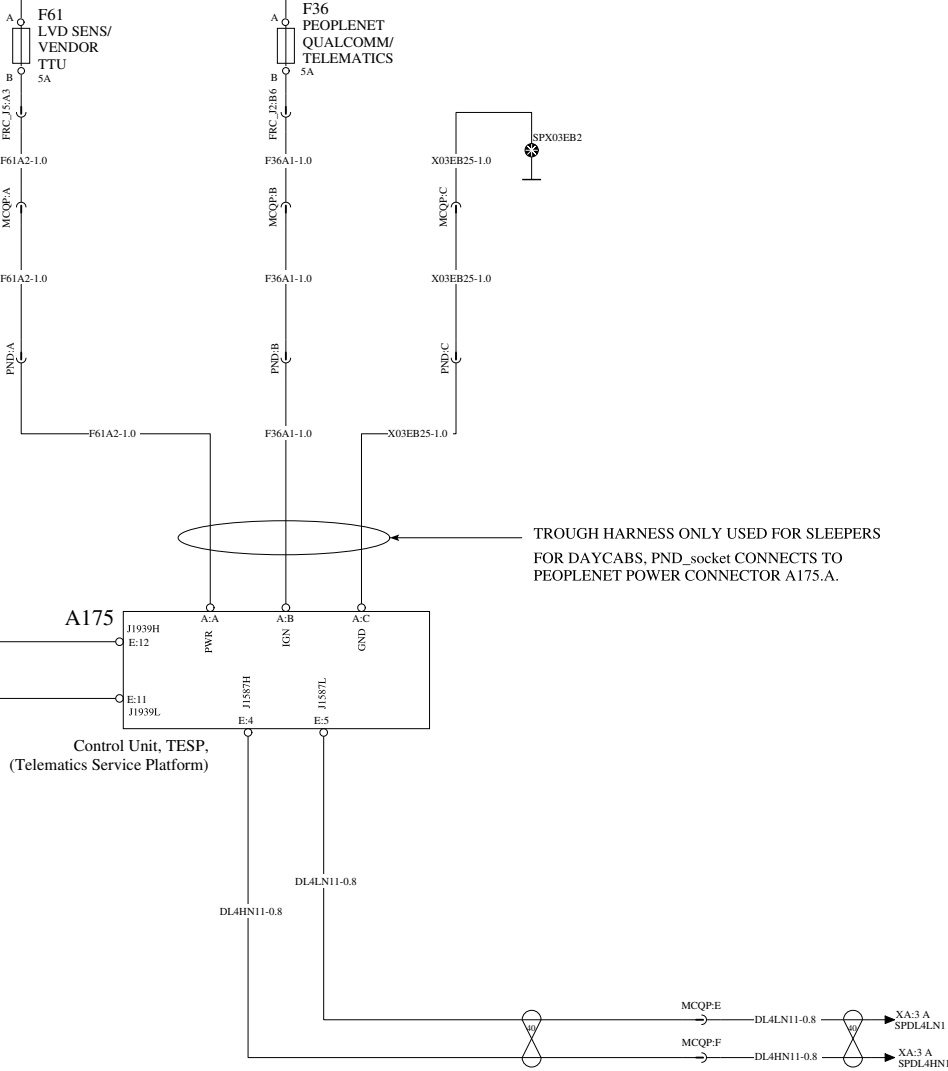
INSTRUMENT CLUSTER 1/2

WIRING DIAGRAM: BA



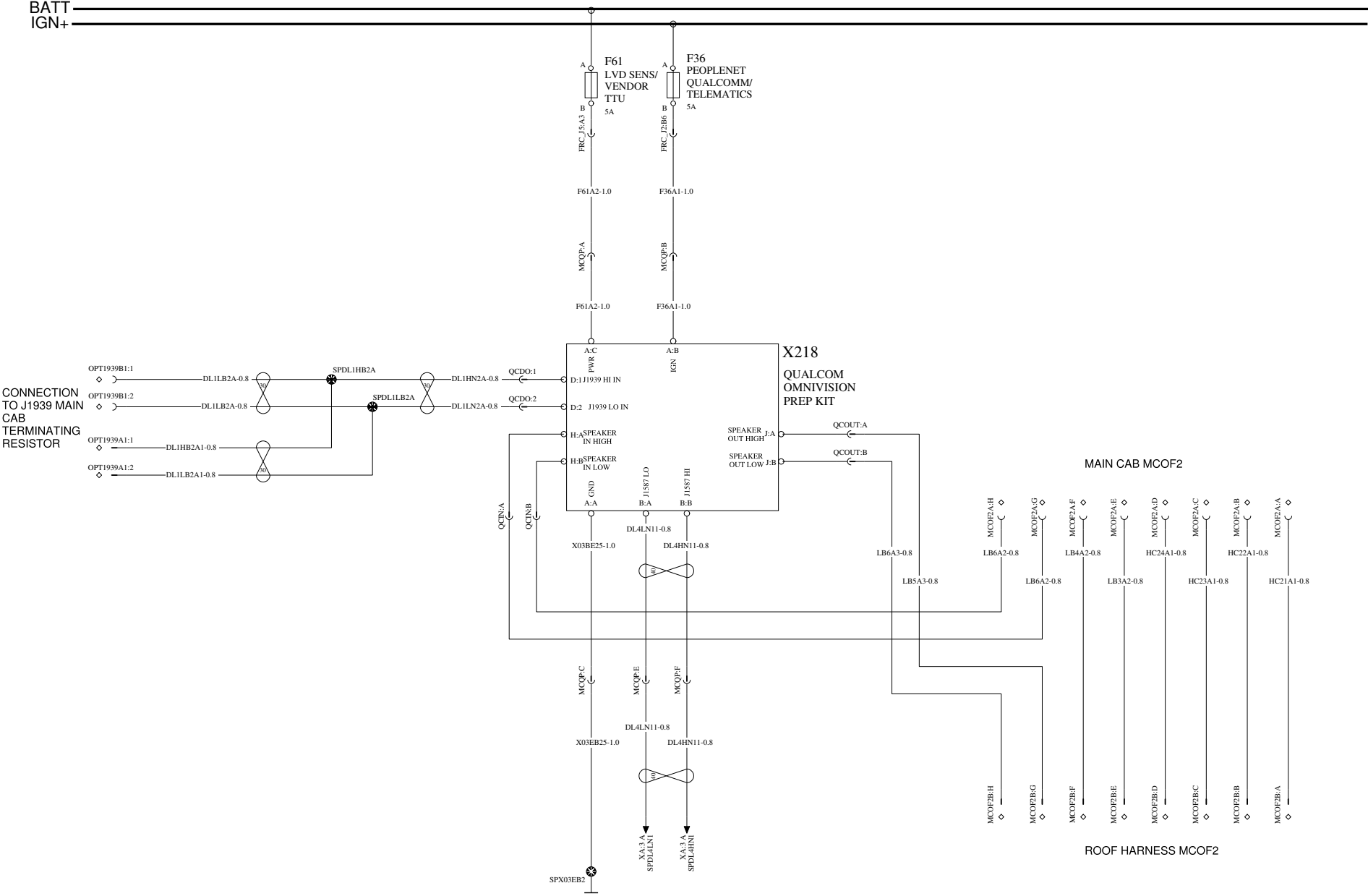


BATT
IGN



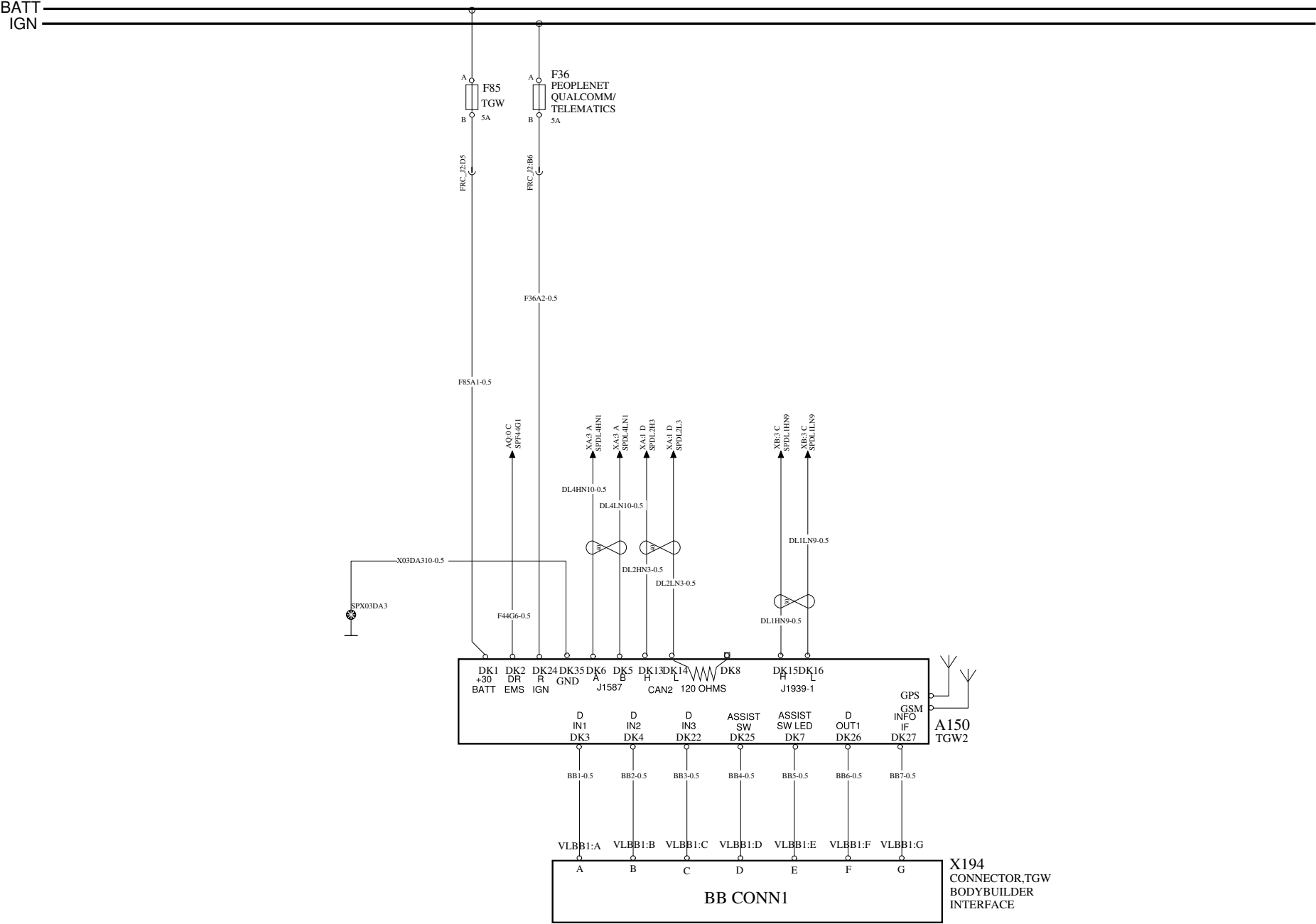
QUALCOMM

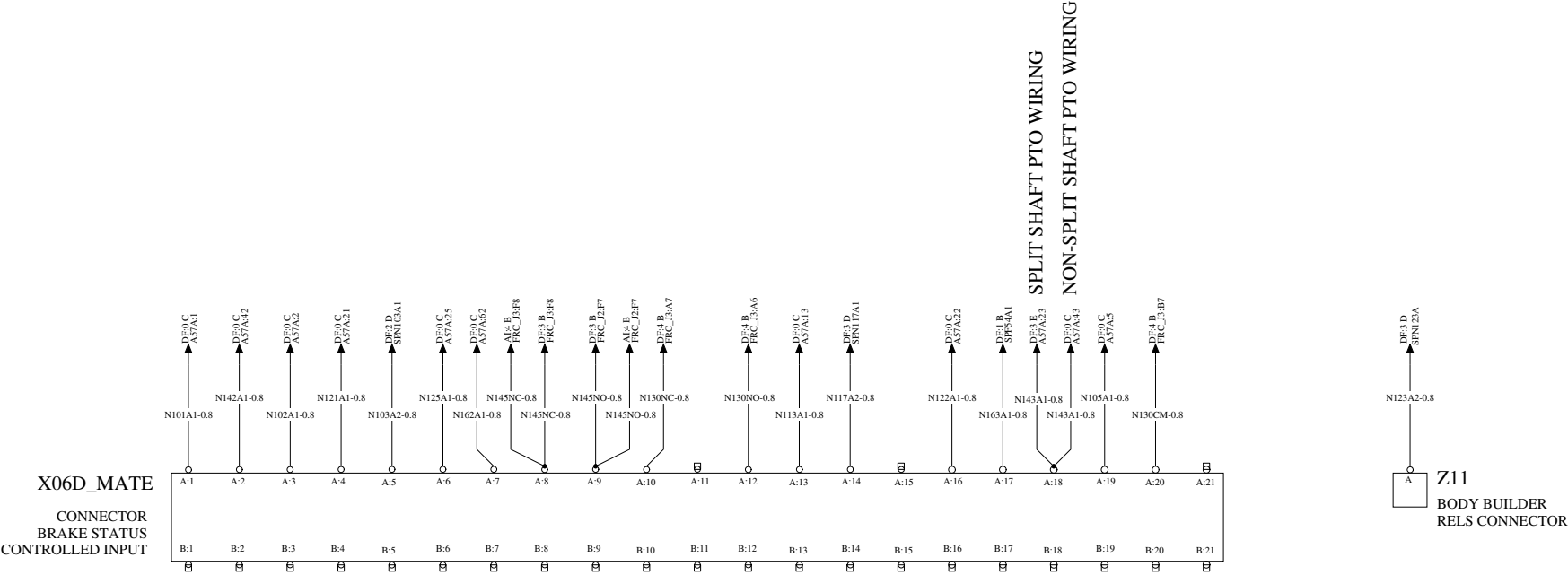
WIRING DIAGRAM: BF



TELEMATICS GATEWAY (TGW)

WIRING DIAGRAM: BG

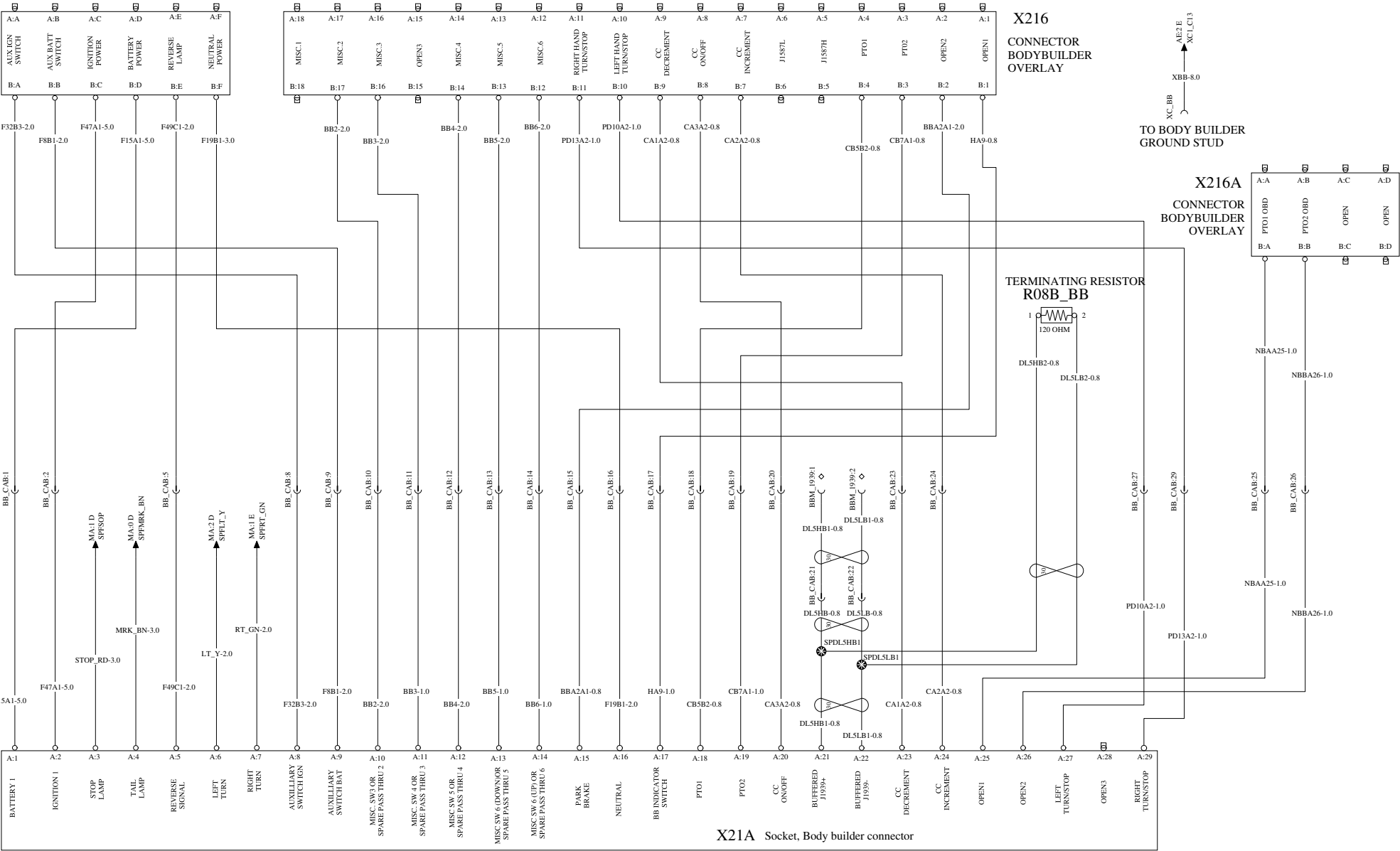




WIRING DIAGRAM: BI

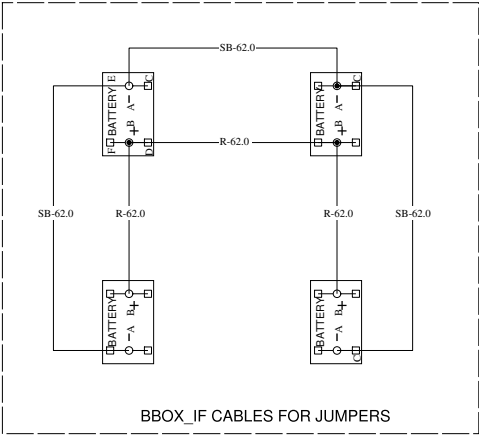
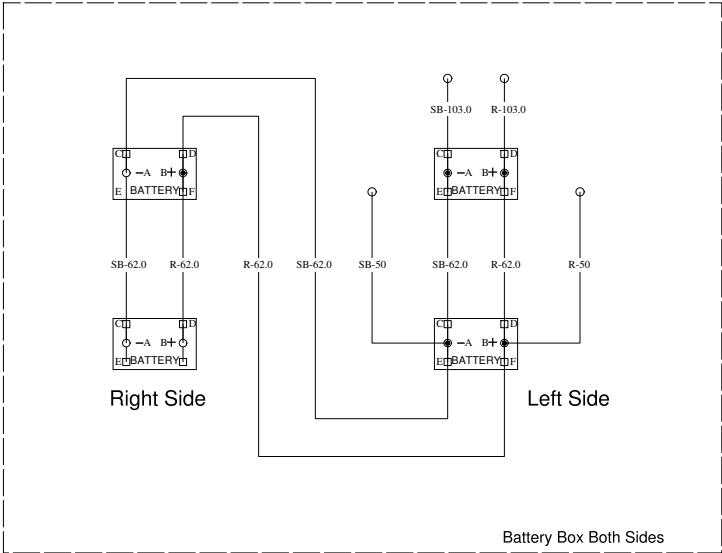
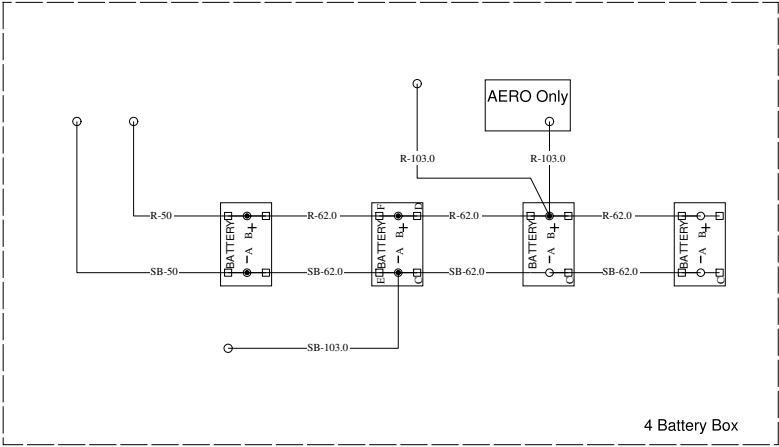
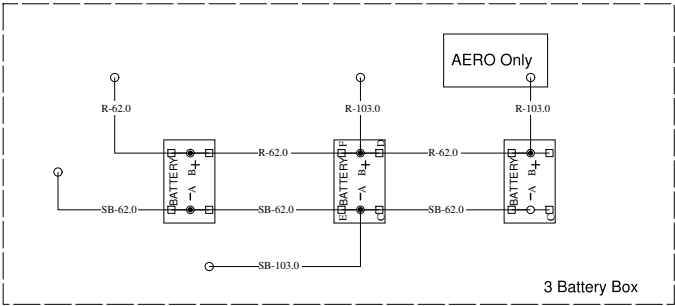
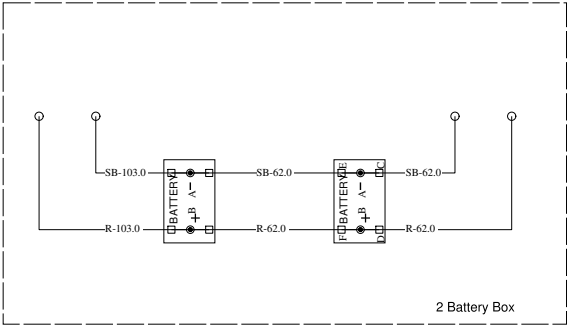


Issue	Volume	Page
04	1 (1)	20 (105)



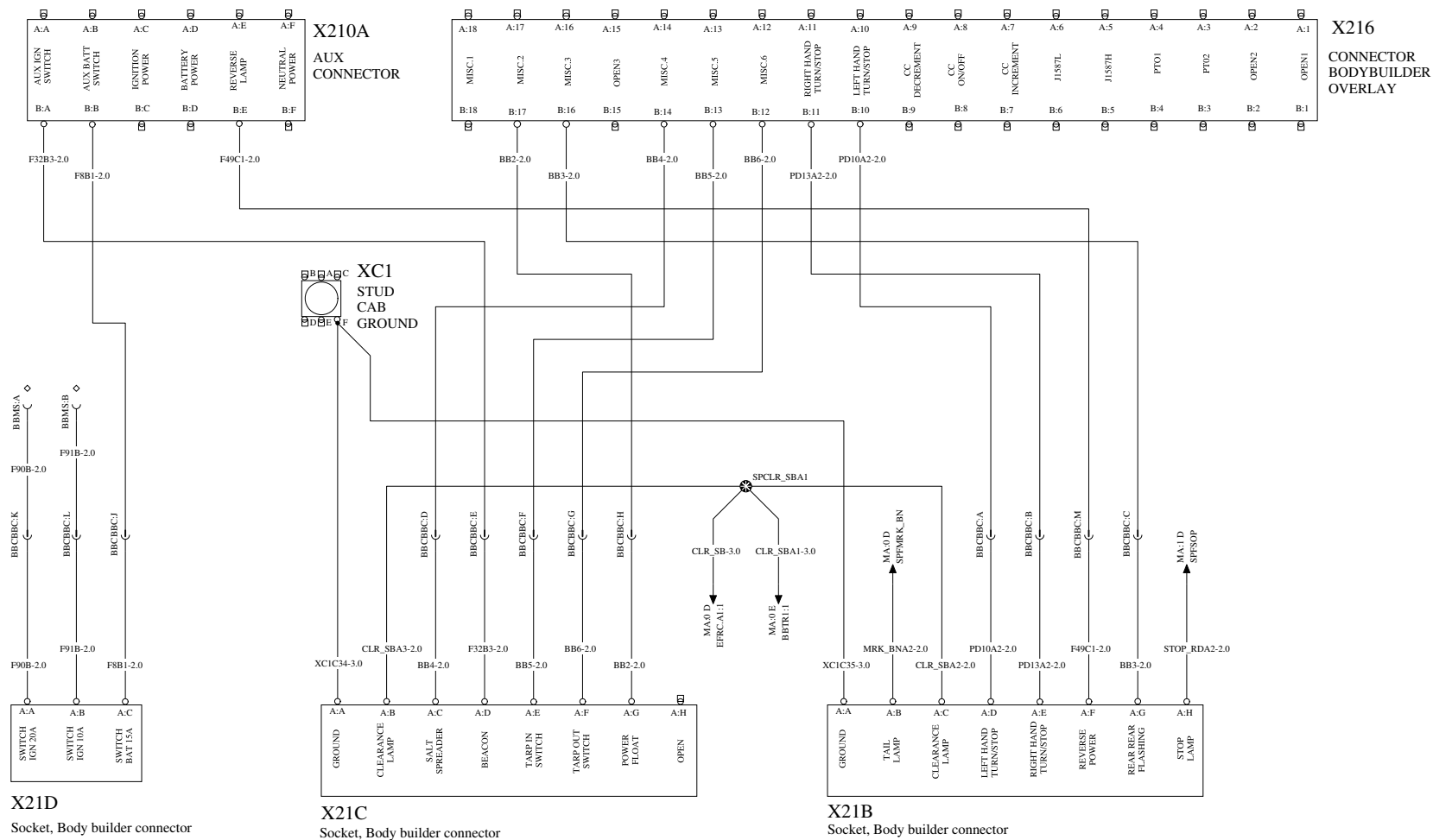
BATTERY BUSSING

WIRING DIAGRAM: BL



BODYBUILDER TURNPIKE

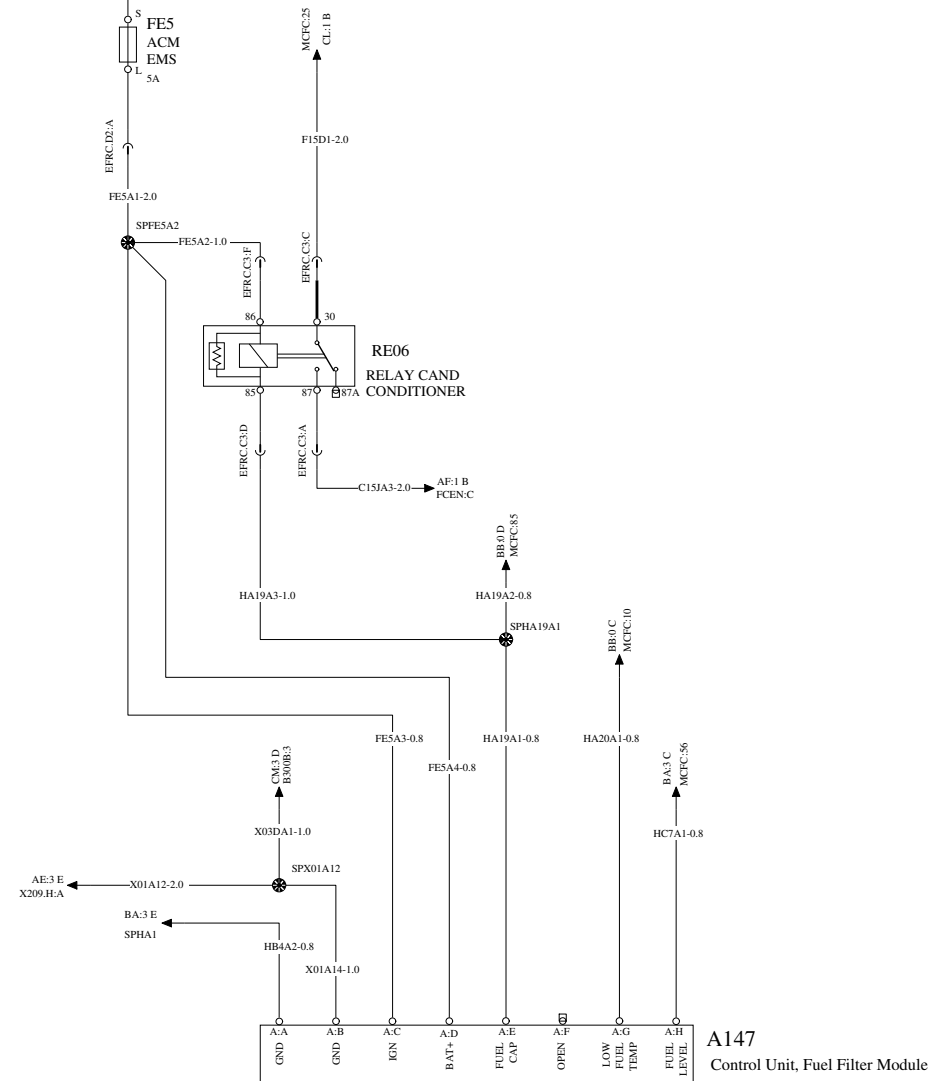
WIRING DIAGRAM: BN



ISX-G FUEL SYSTEM

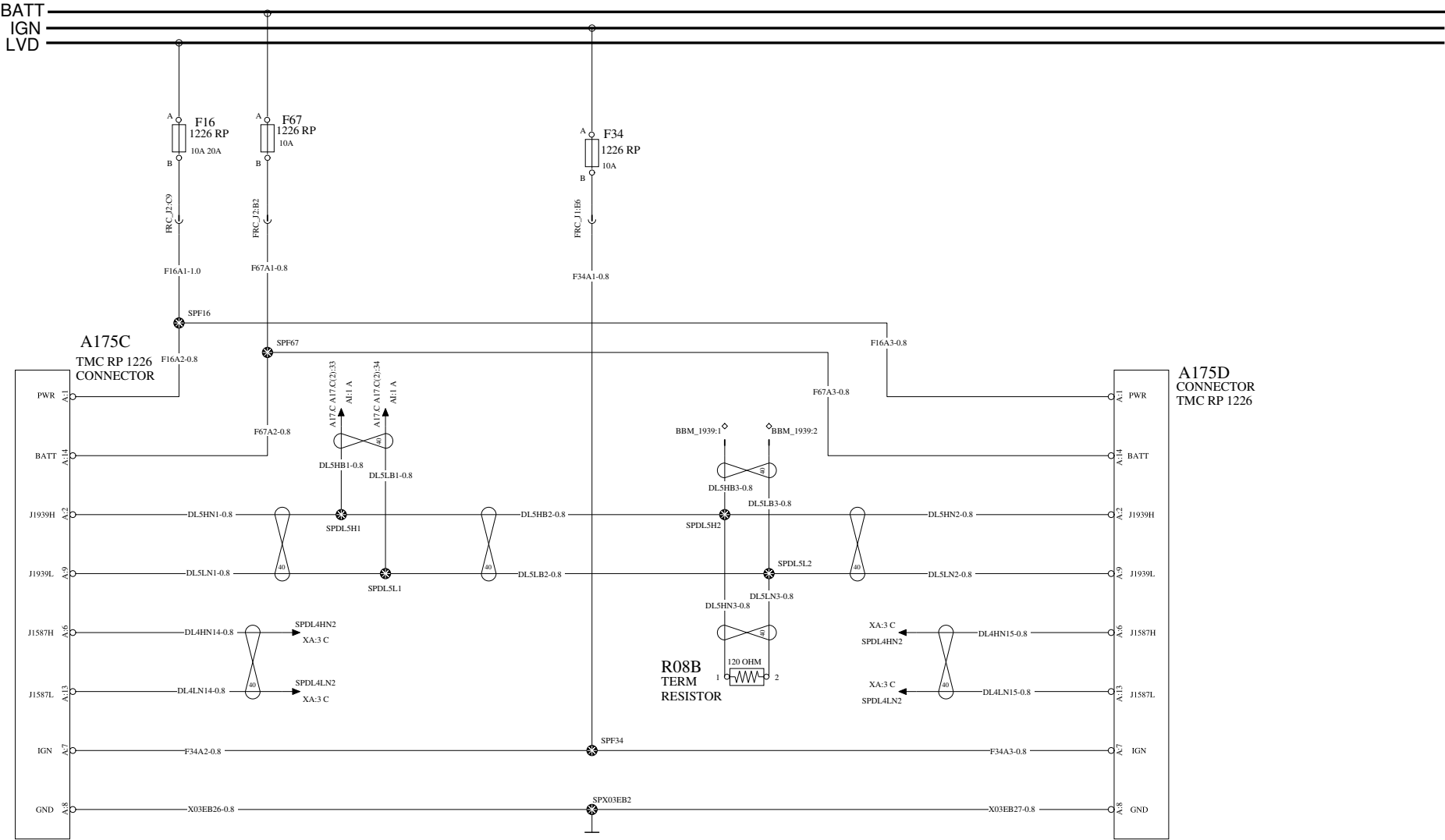
WIRING DIAGRAM : BP

EMS



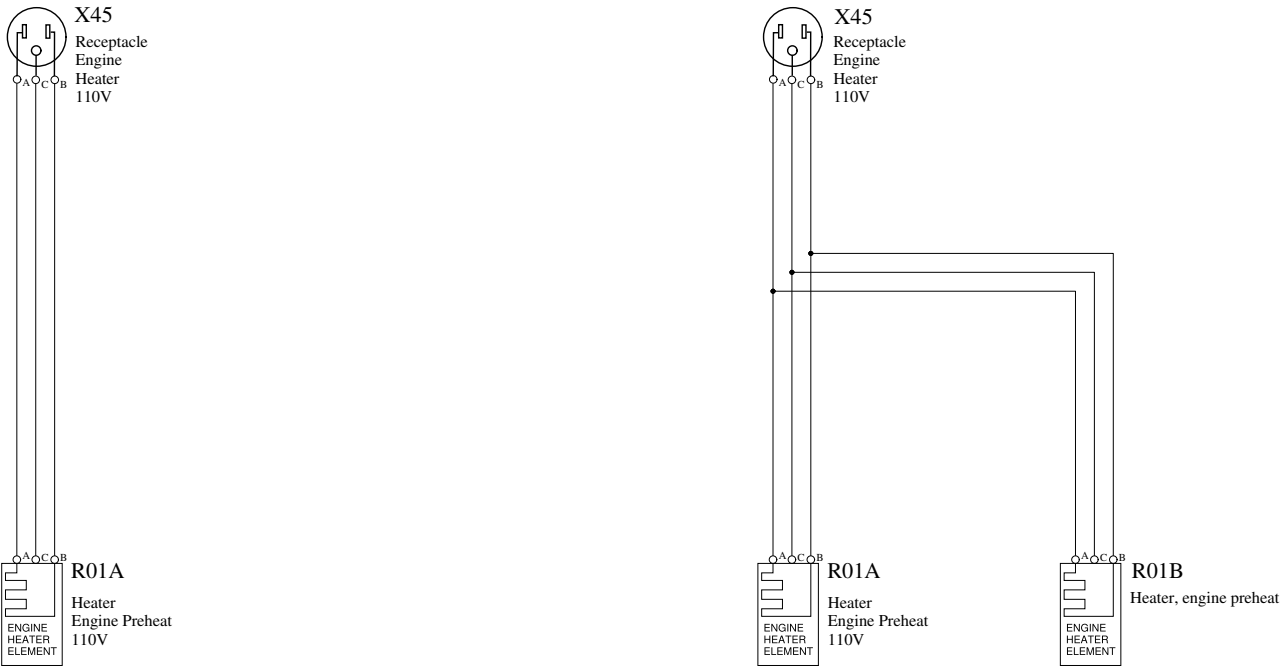
TMC RP 1226 CONNECTORS

WIRING DIAGRAM : BY



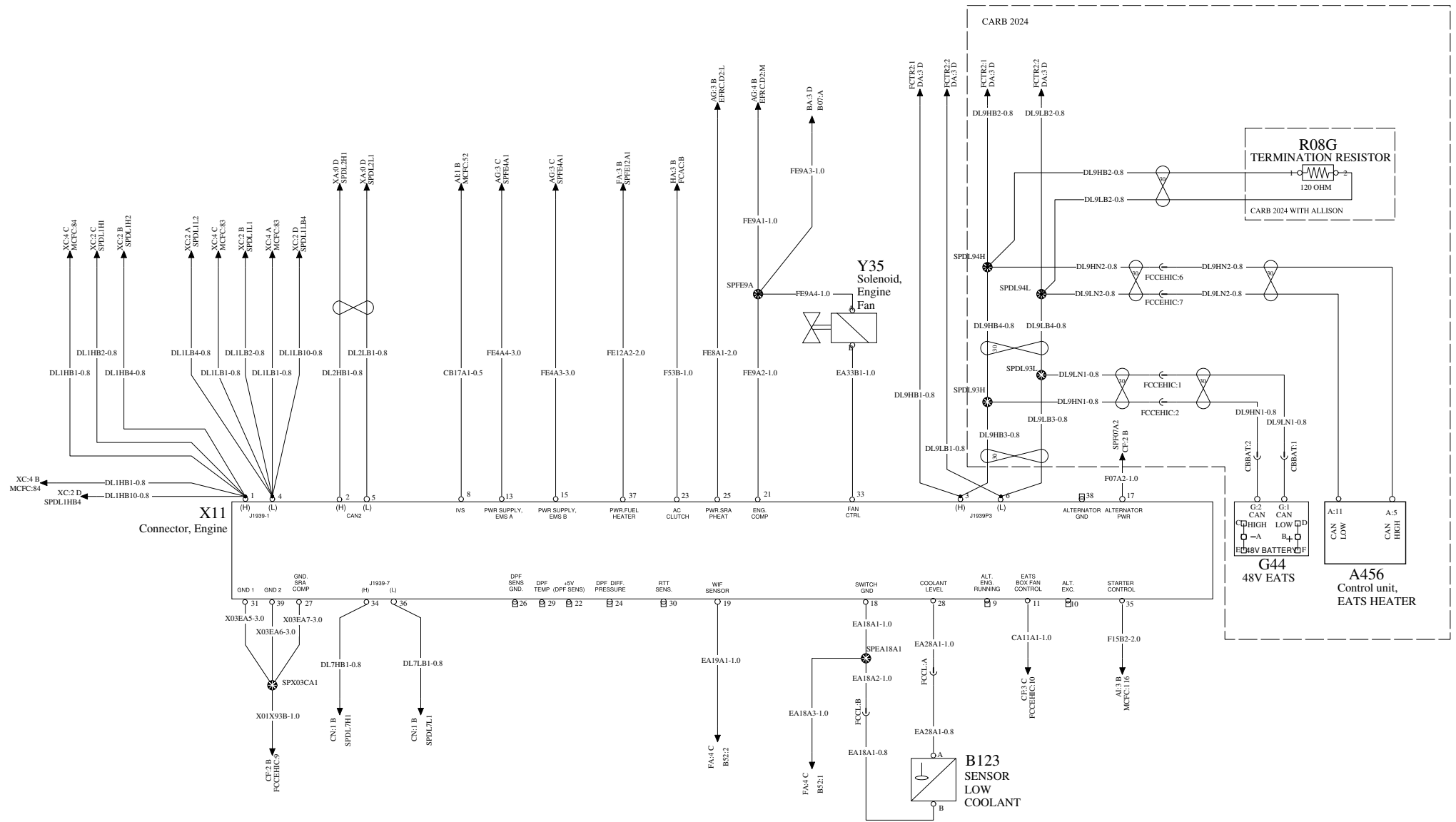
ENGINE HEATER

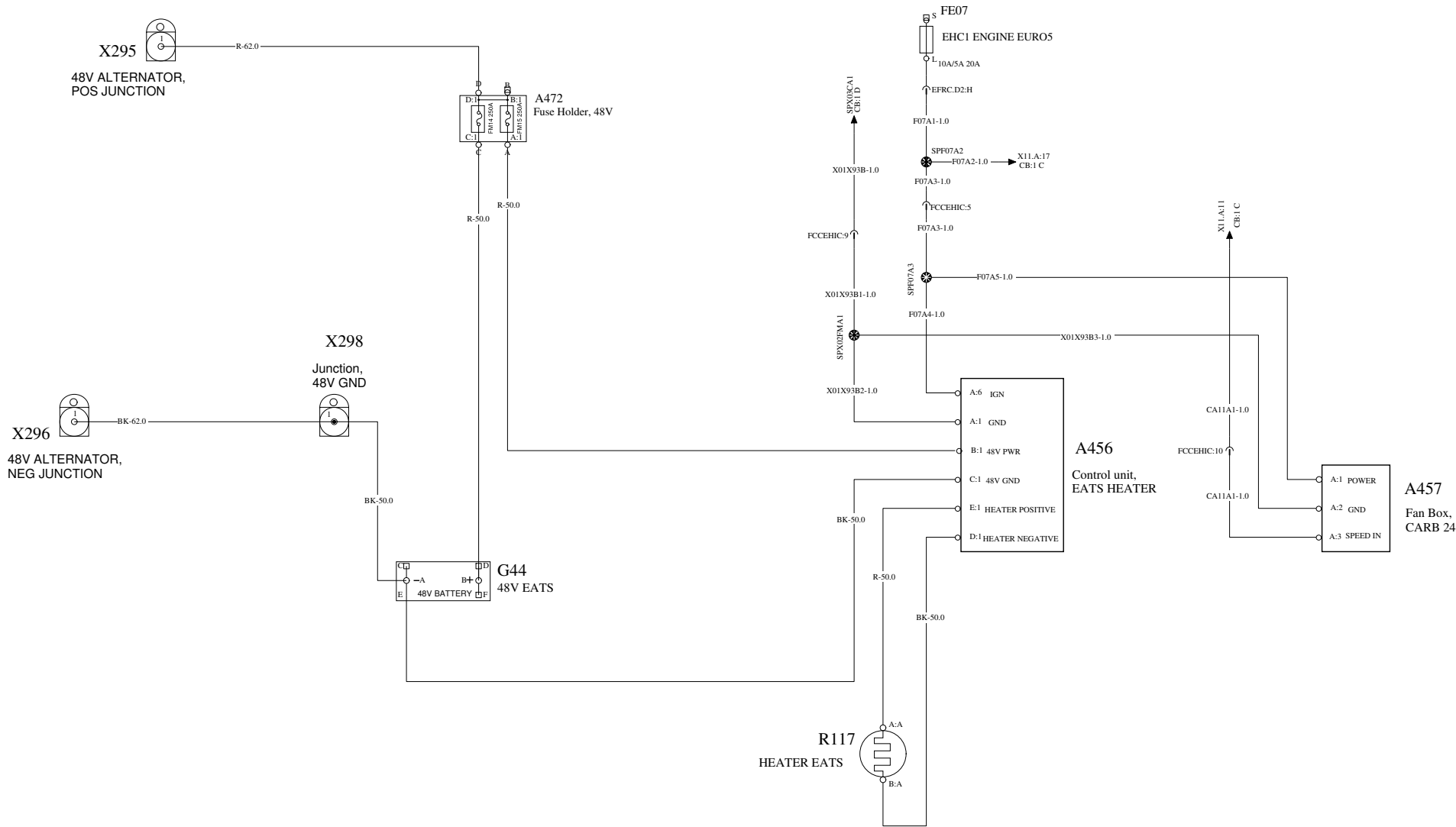
WIRING DIAGRAM: CA



ENGINE CONTROL MACK ENGINE

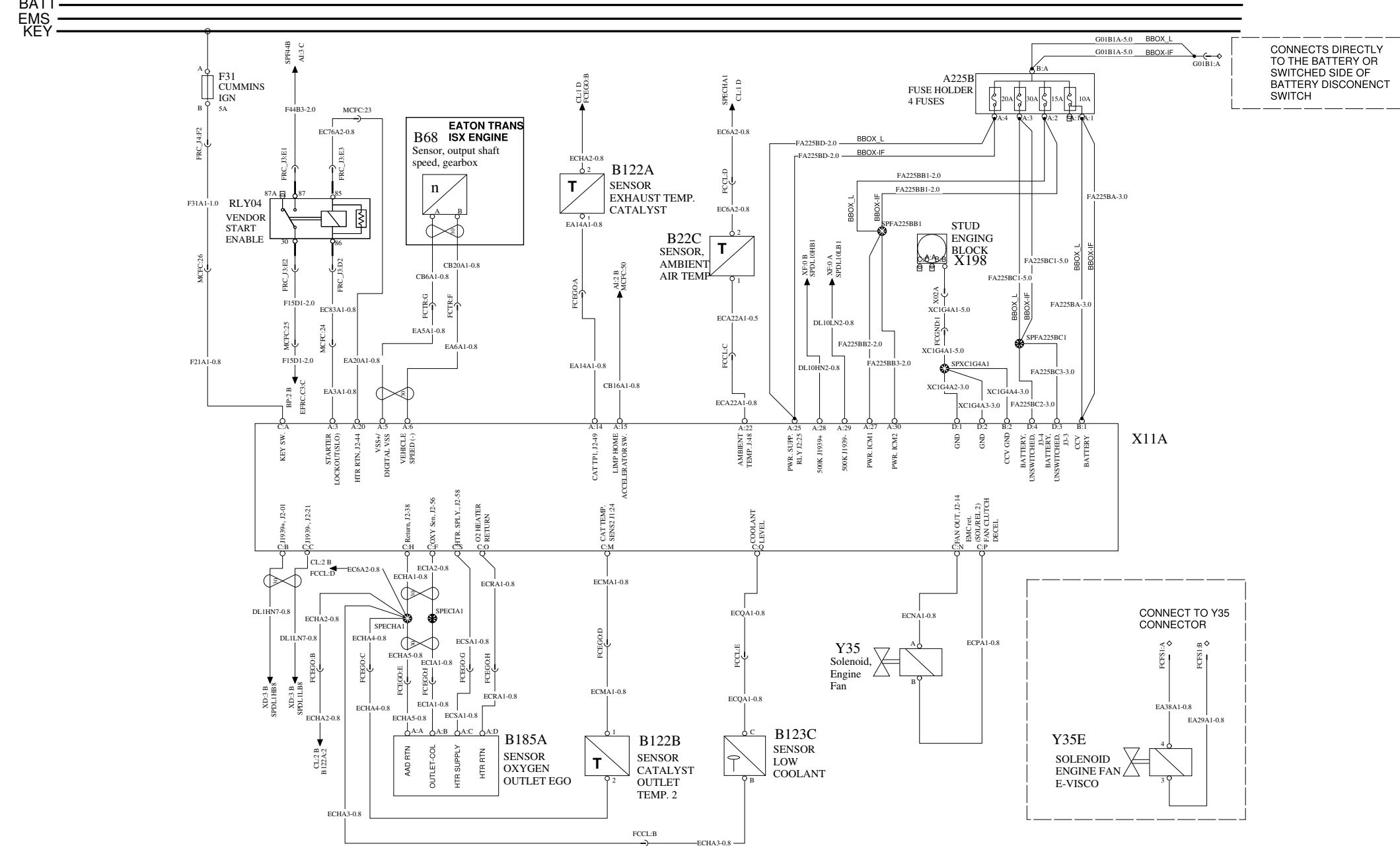
WIRING DIAGRAM: CB



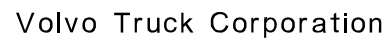


ENGINE CONTROL ISX-G

WIRING DIAGRAM: CL



WIRING DIAGRAM: CM



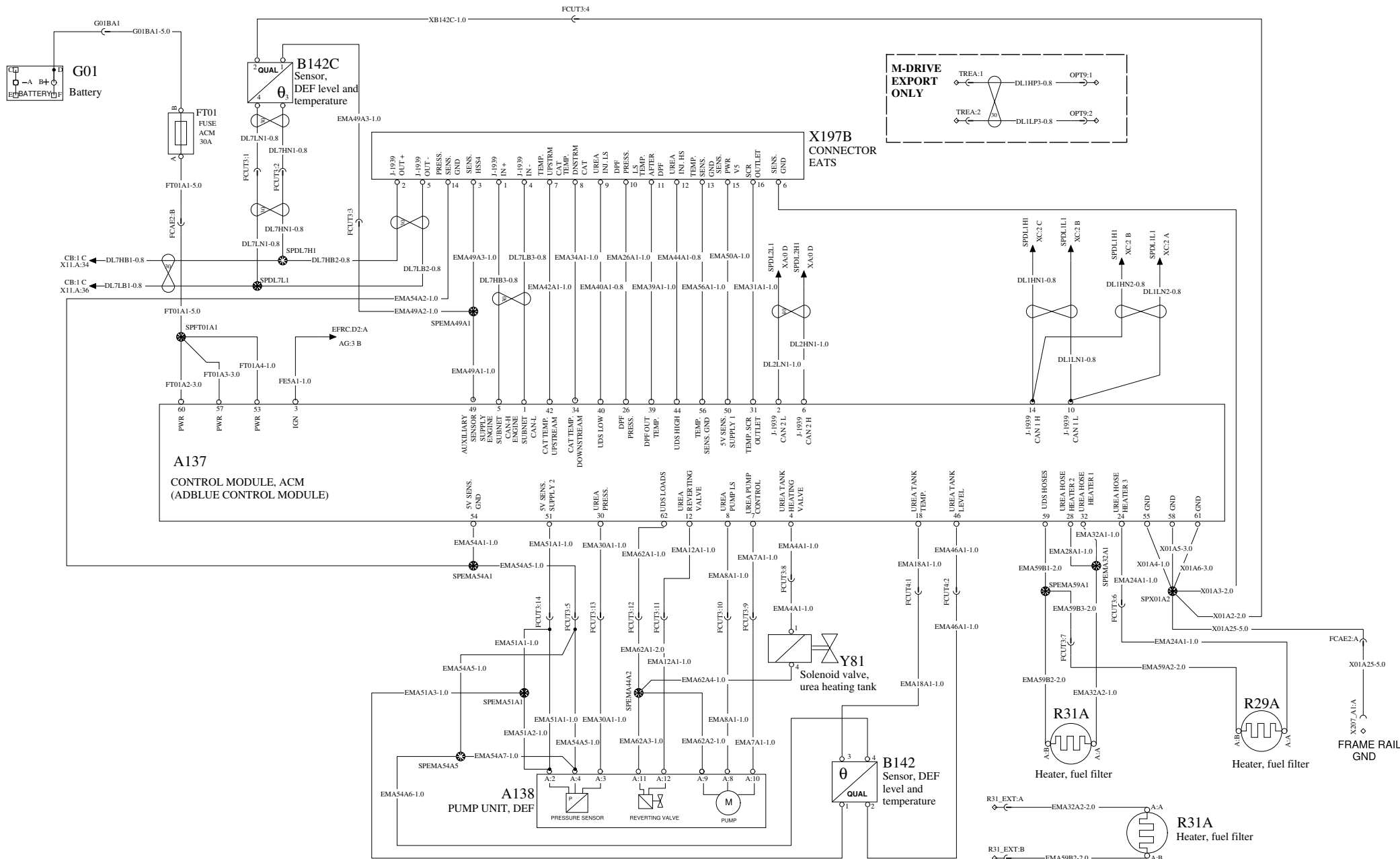
Document No

23970505

Issue	Volume	Page
04	1 (1)	30 (105)

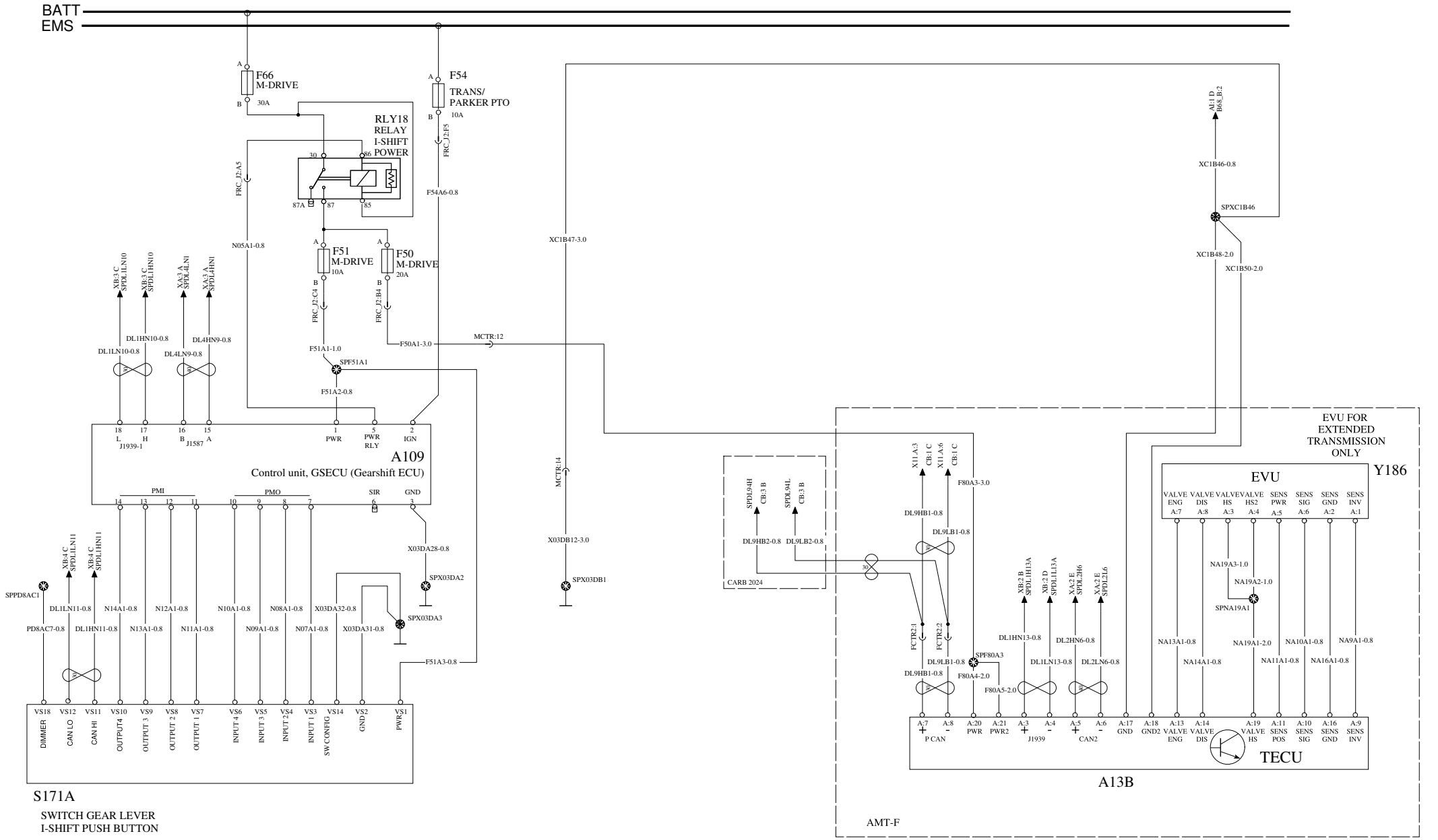
UREA DOSING SYSTEM - MACK ENGINE OBD 2018

WIRING DIAGRAM: CN

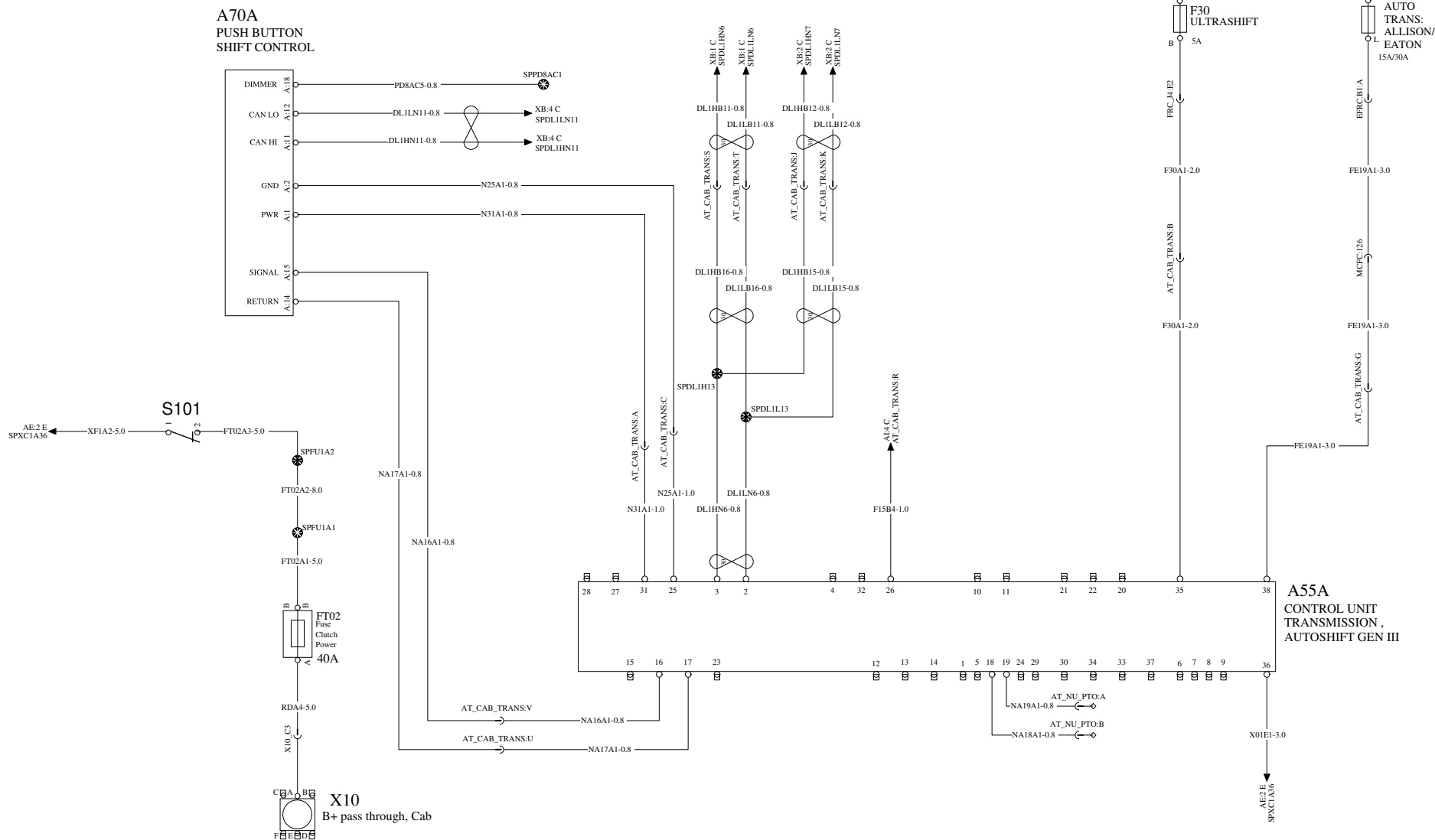


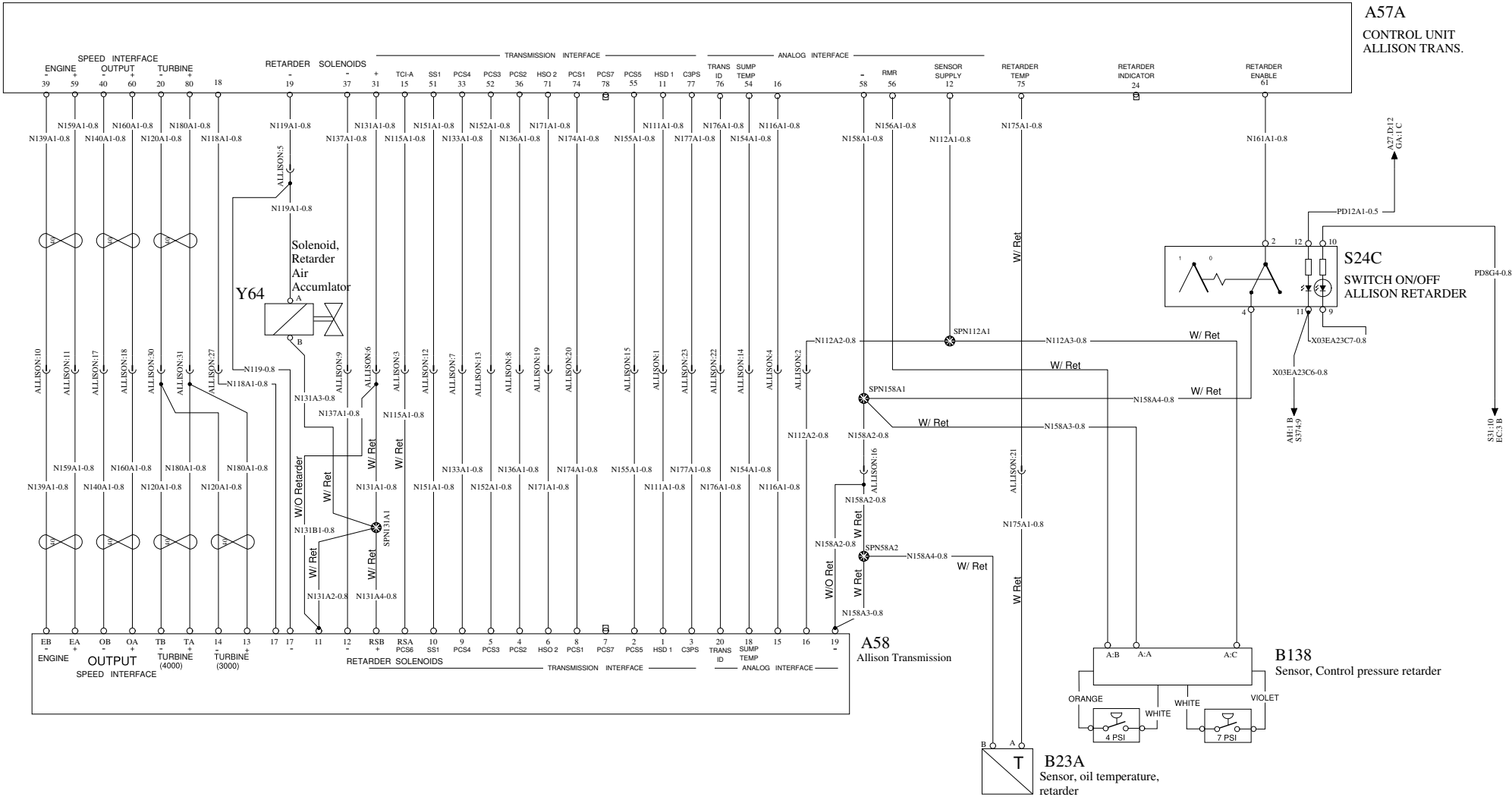
TRANSMISSION MDRIVE

WIRING DIAGRAM: DA



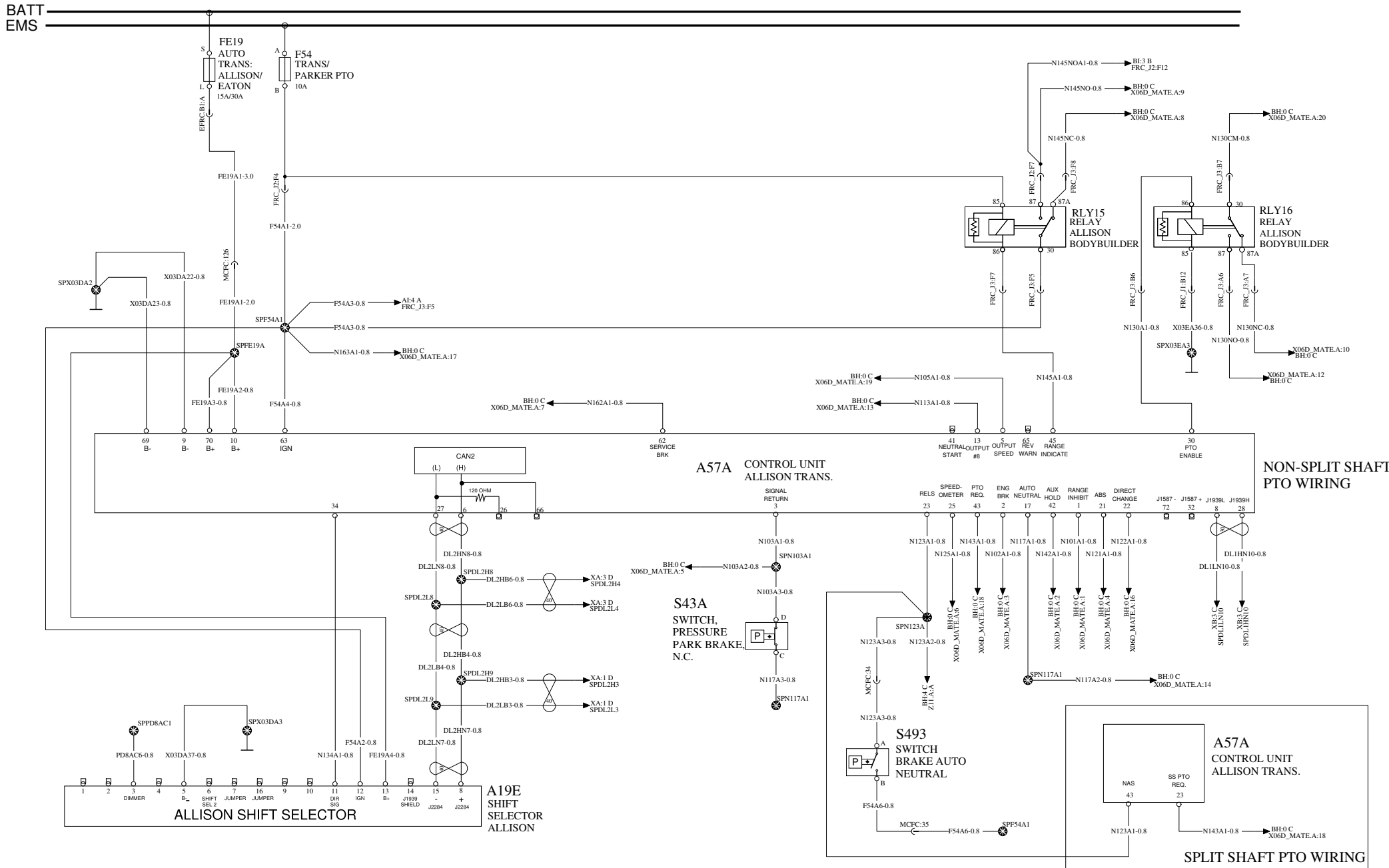
BATT
KEY





ALLISON TRANSMISSION CONTROLS 2/2

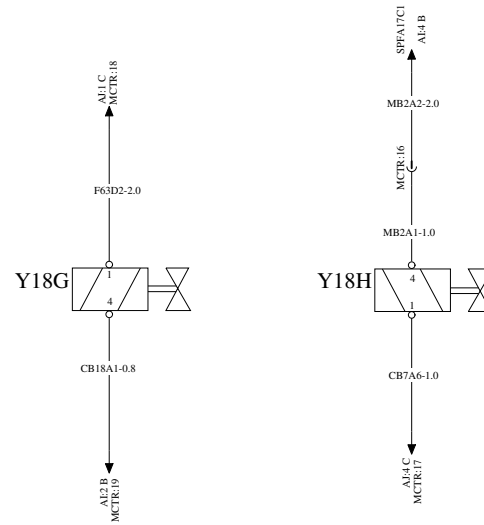
WIRING DIAGRAM: DF



MDRIVE DUAL PTO

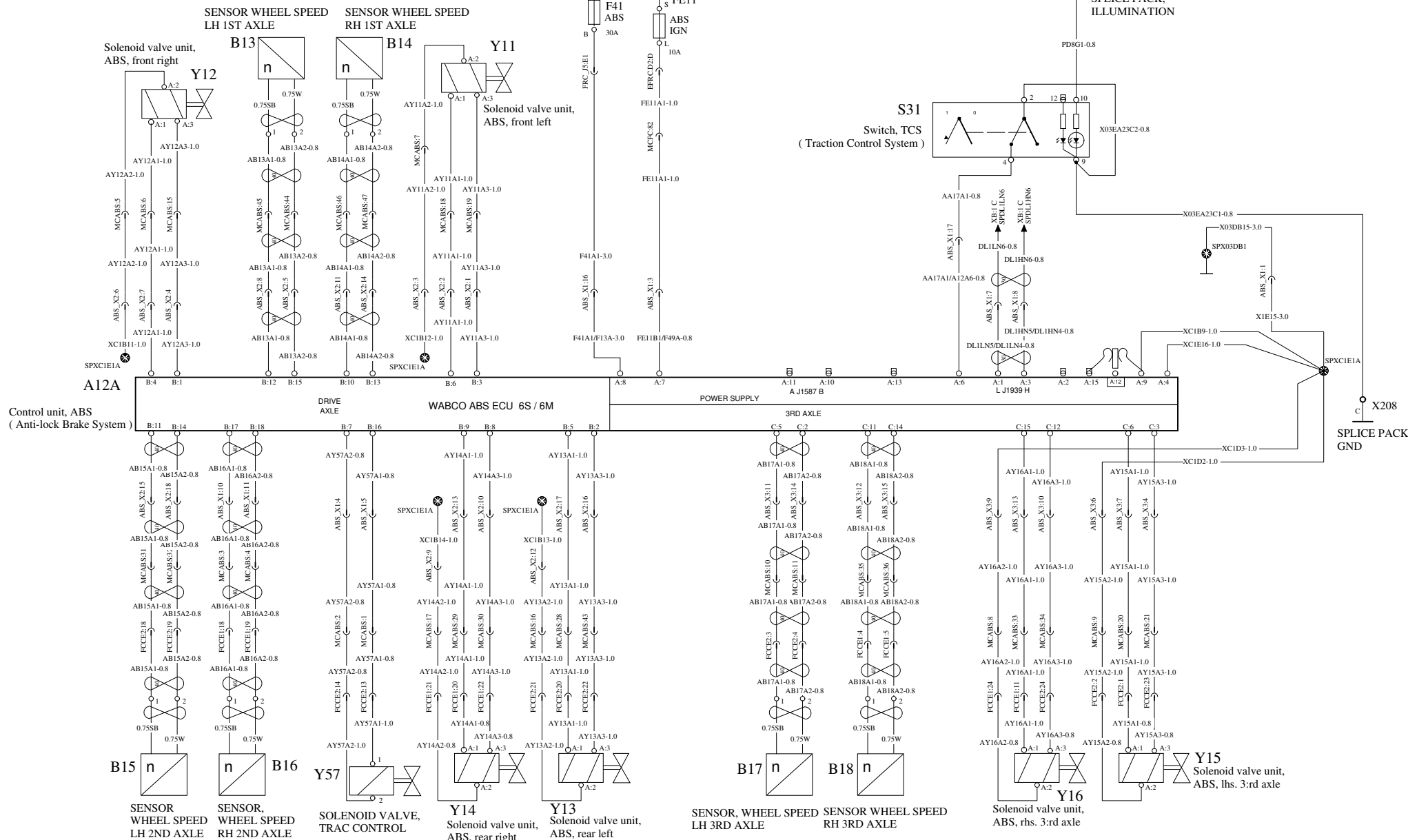
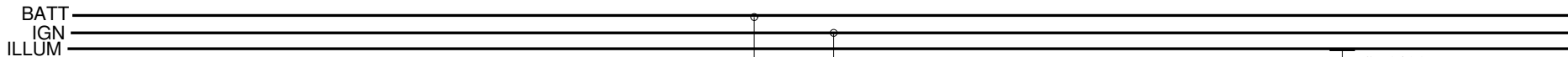
WIRING DIAGRAM: DP

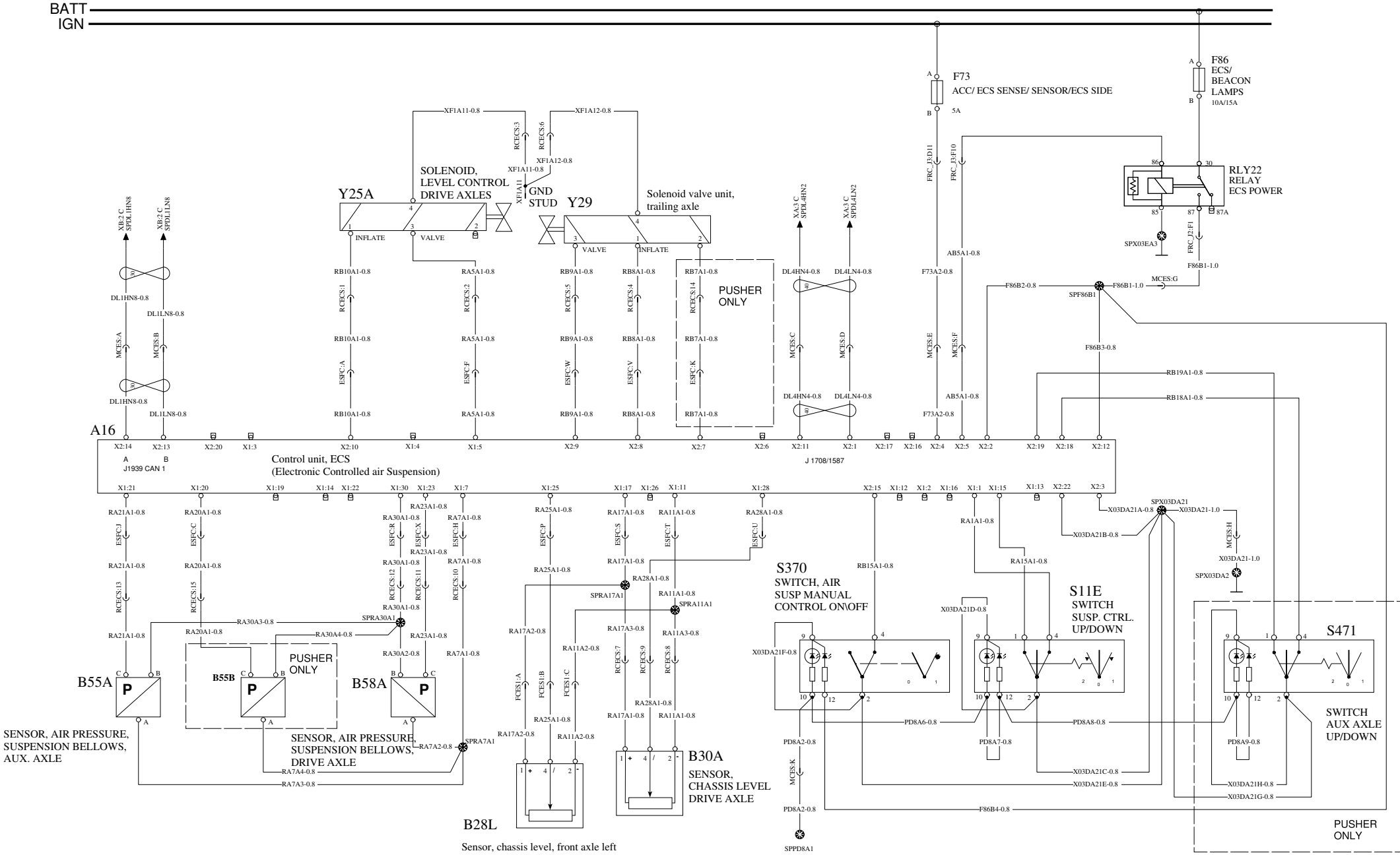
EMS



ABS CONTROL WABCO

WIRING DIAGRAM: EA

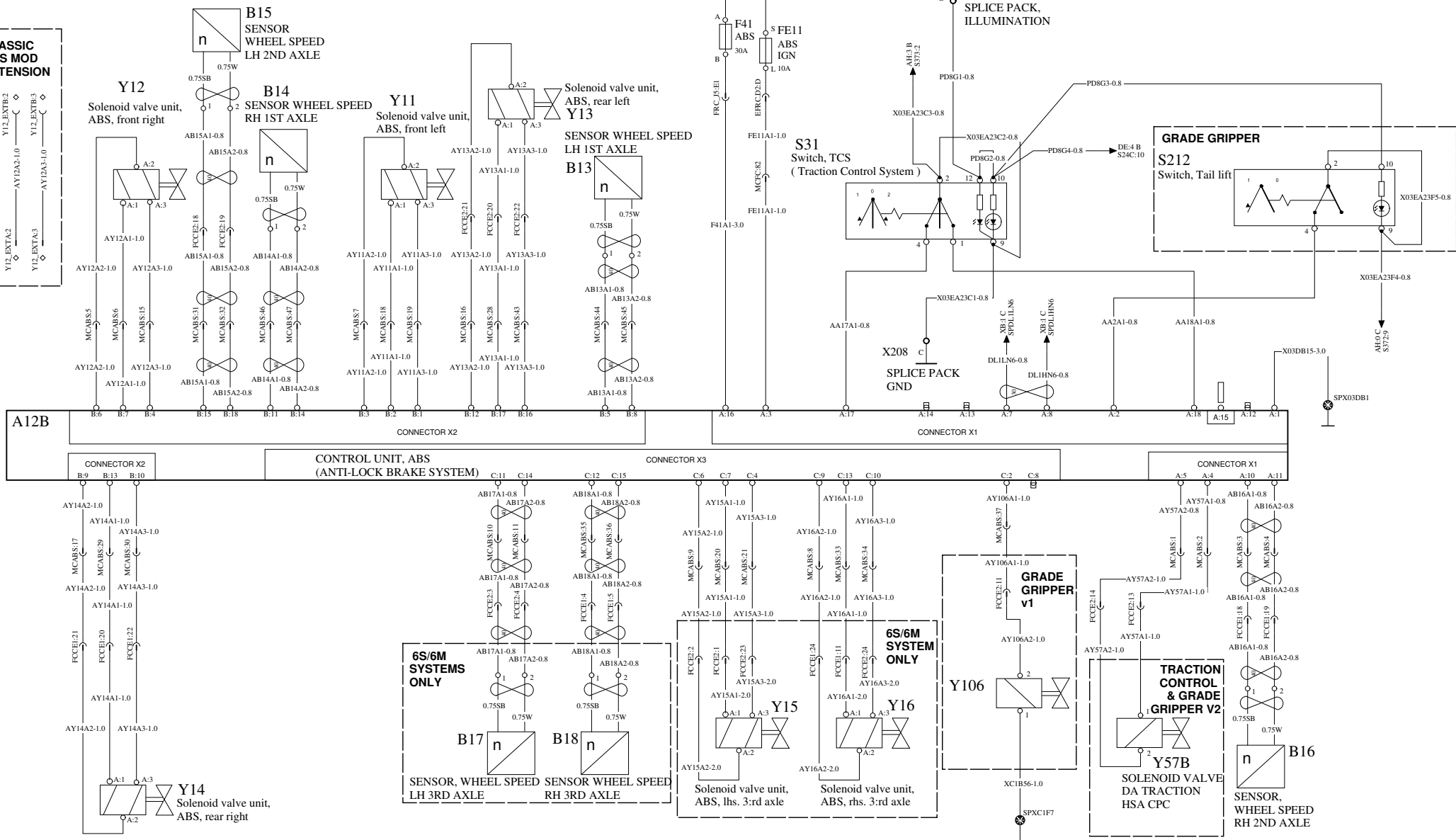
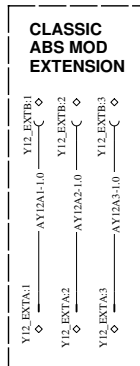




ABS CONTROL BENDIX

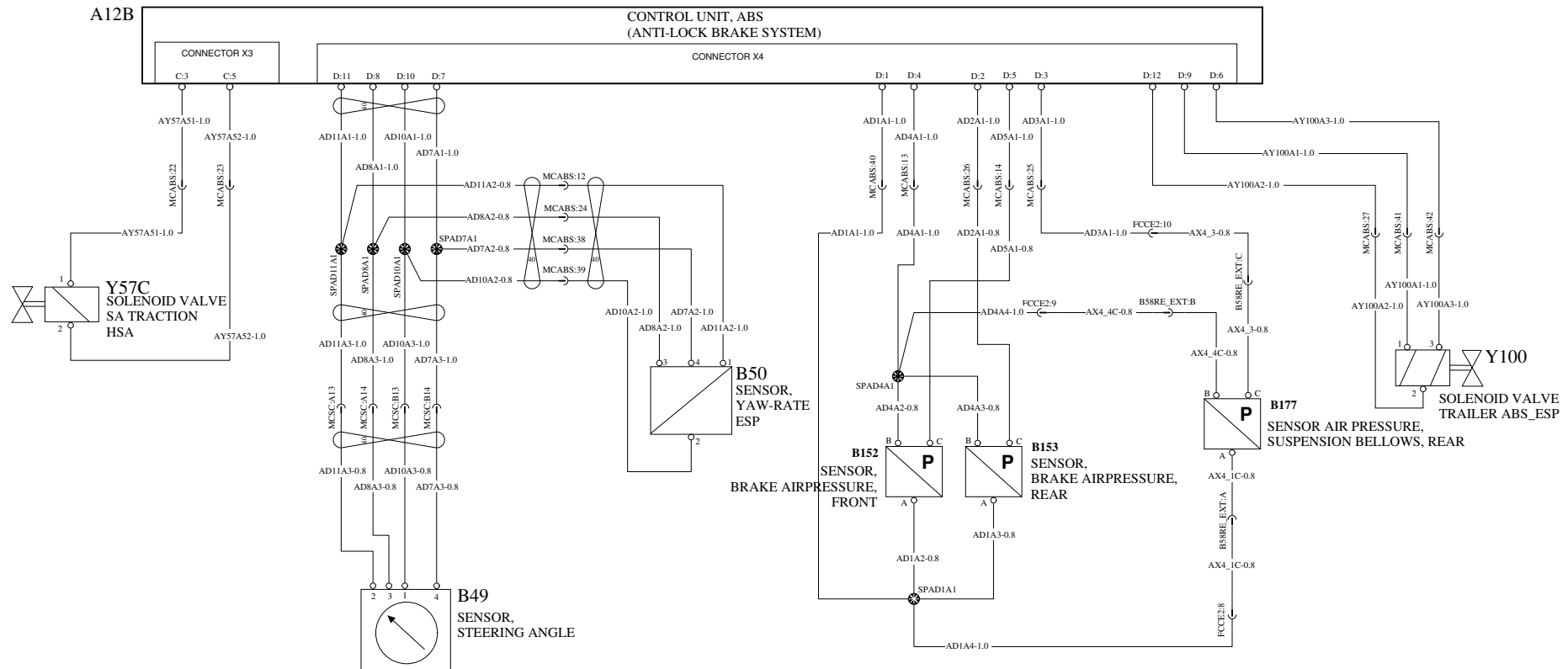
WIRING DIAGRAM: EC

BATT
IGN
ILLUM



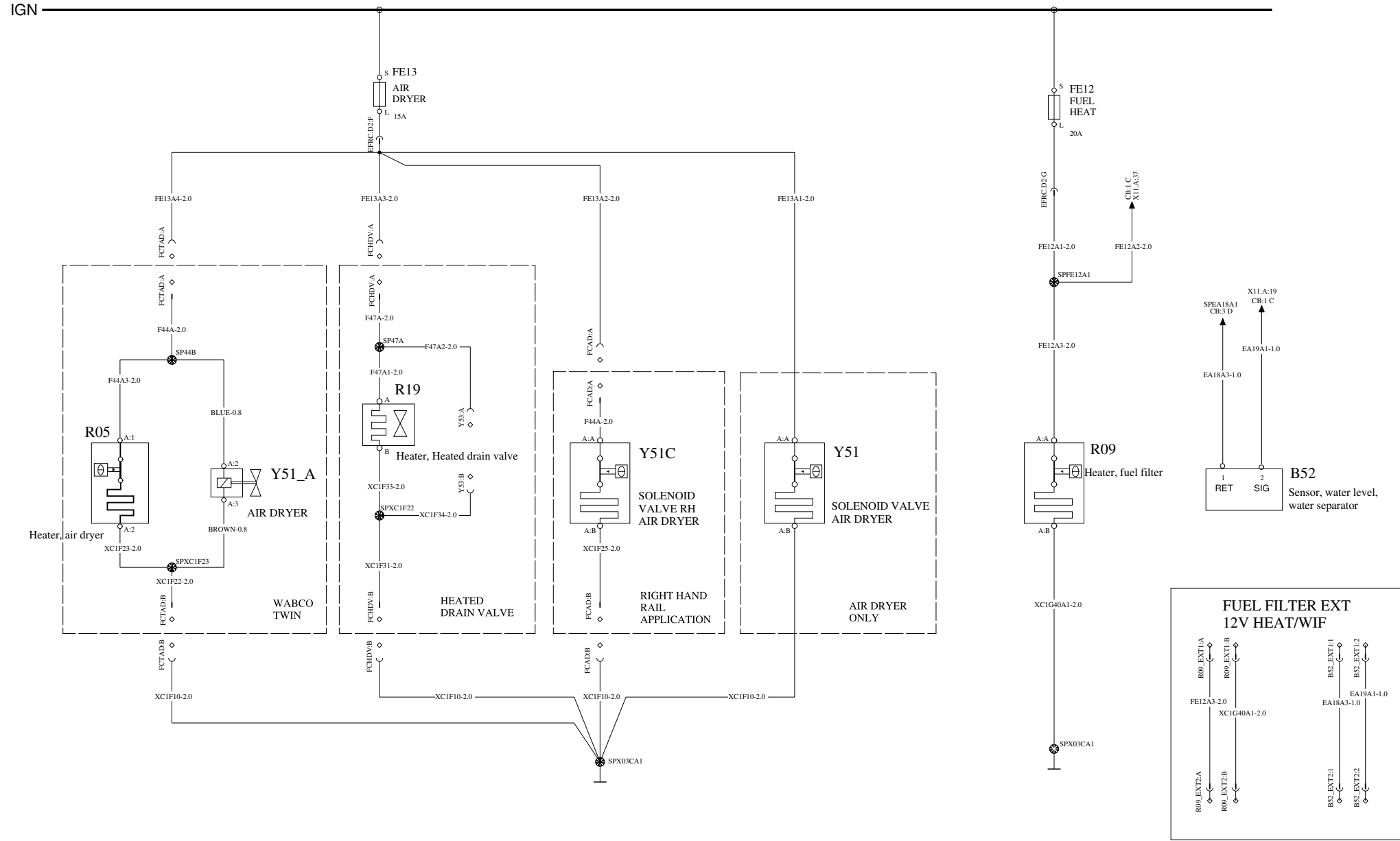
ABS CONTROL BENDIX ECS

WIRING DIAGRAM: ED



AIR DRYER/HEATED DRAIN VALVE

WIRING DIAGRAM: FA



A

B

C

D

E

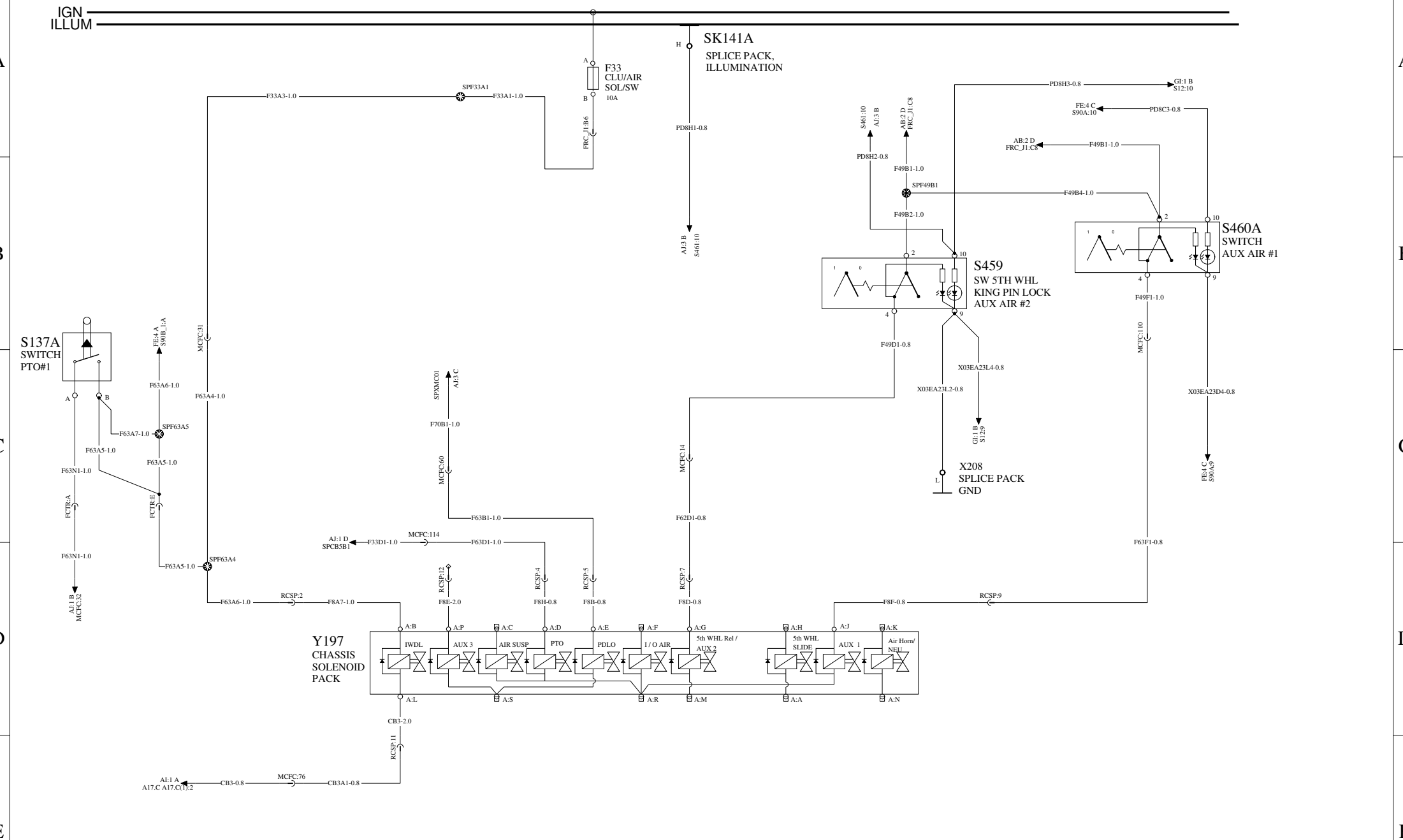
A

B

C

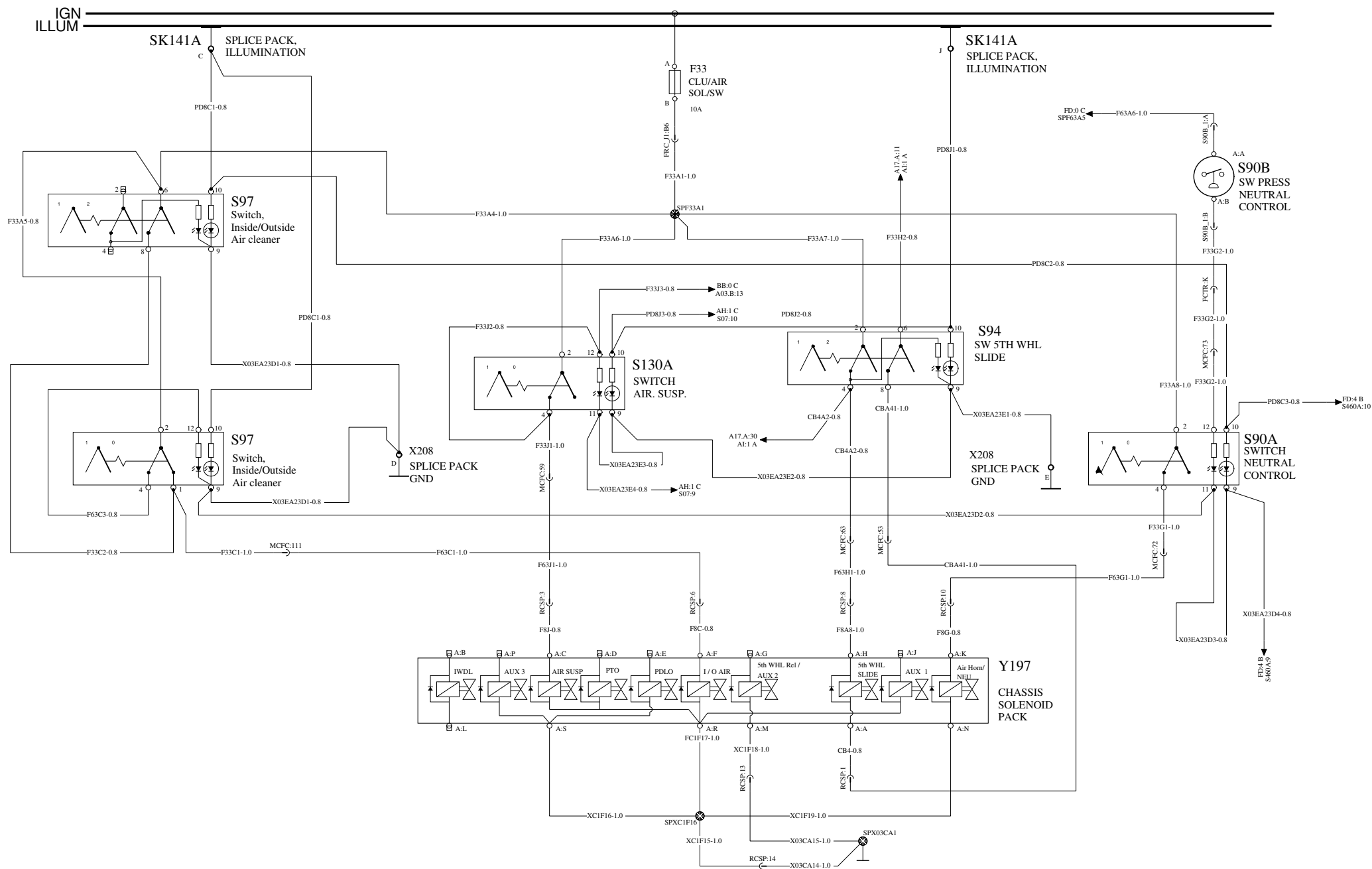
D

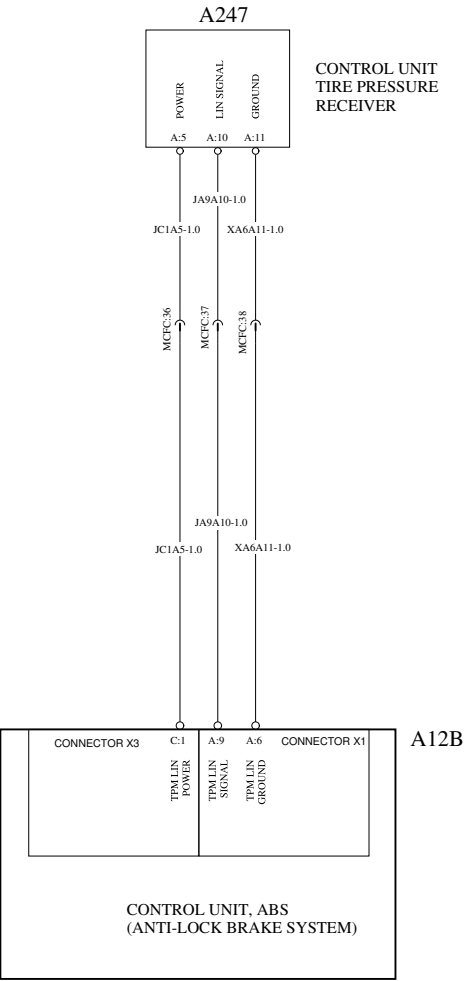
E



CHASSIS SOLENOIDS 2/2

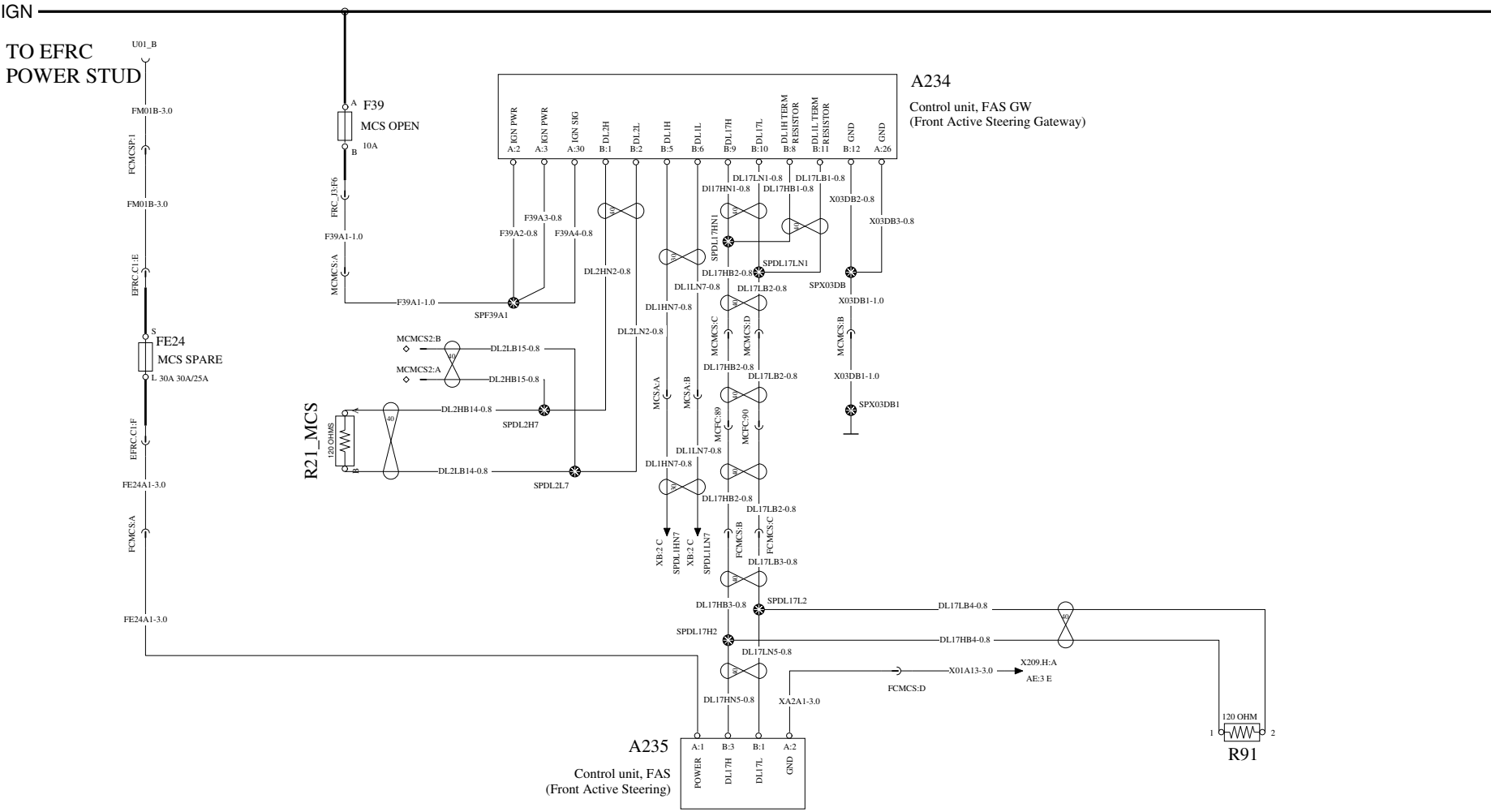
WIRING DIAGRAM: FE

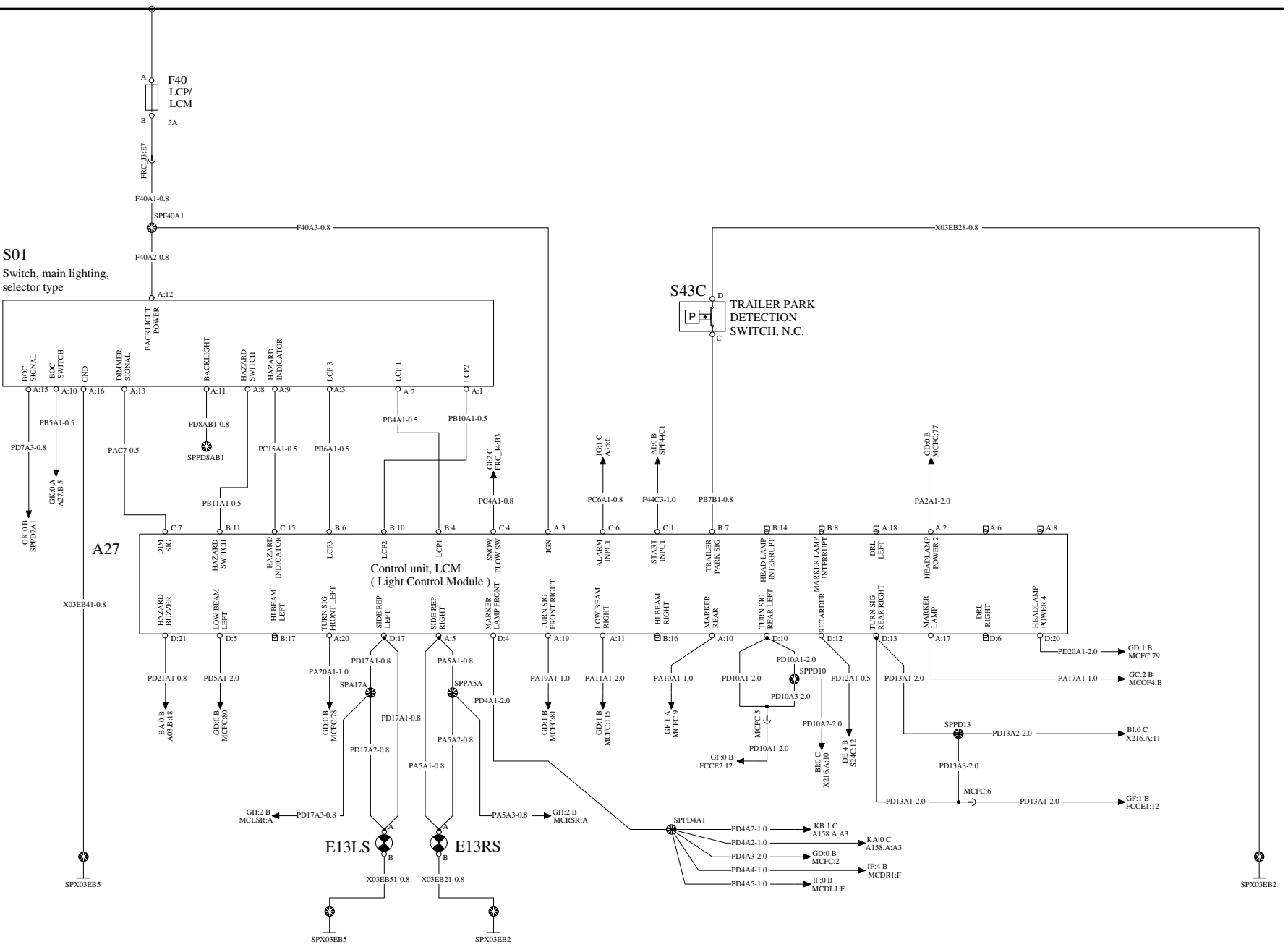


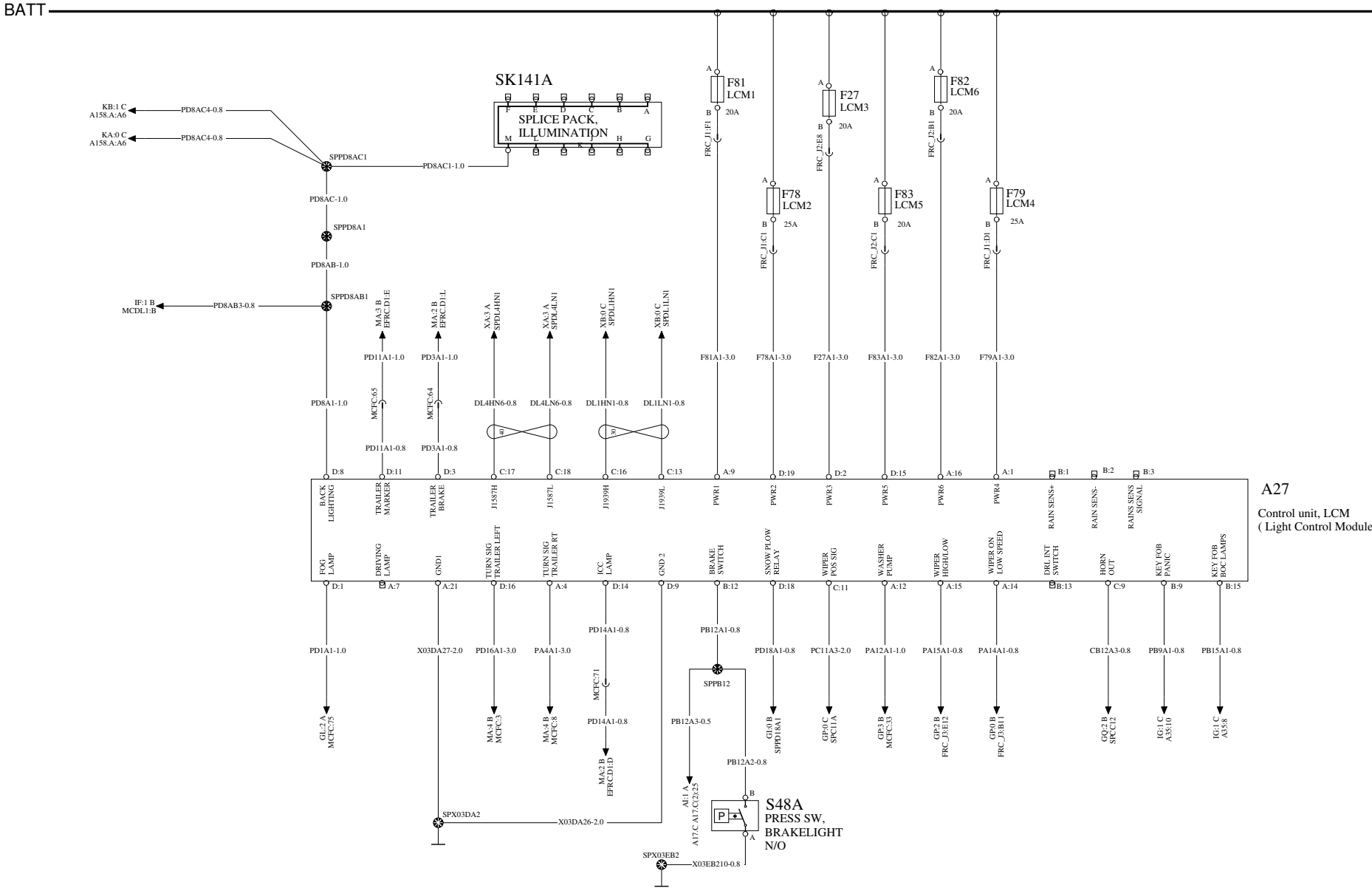


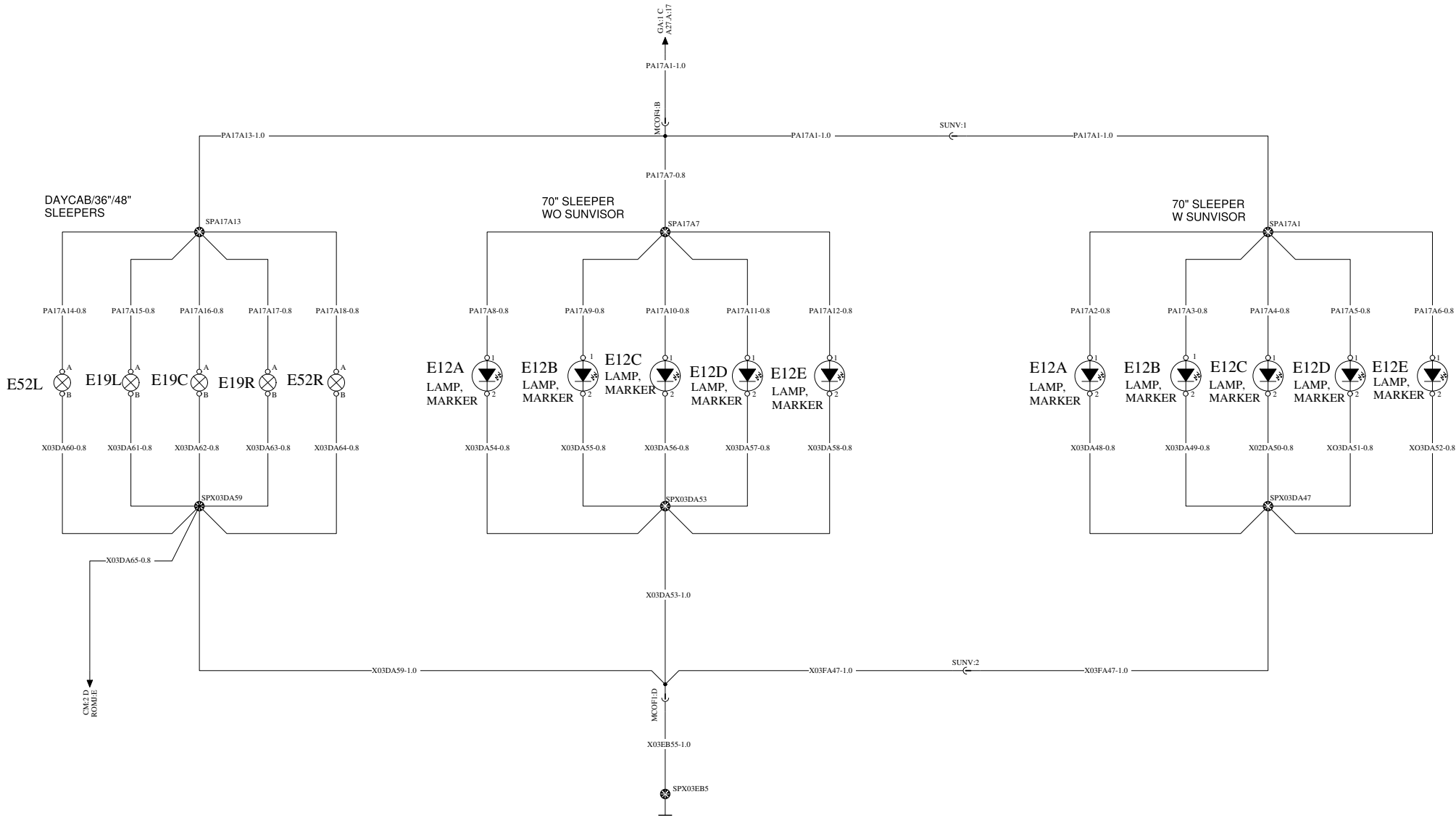
MACK COMMAND STEERING

WIRING DIAGRAM: FH



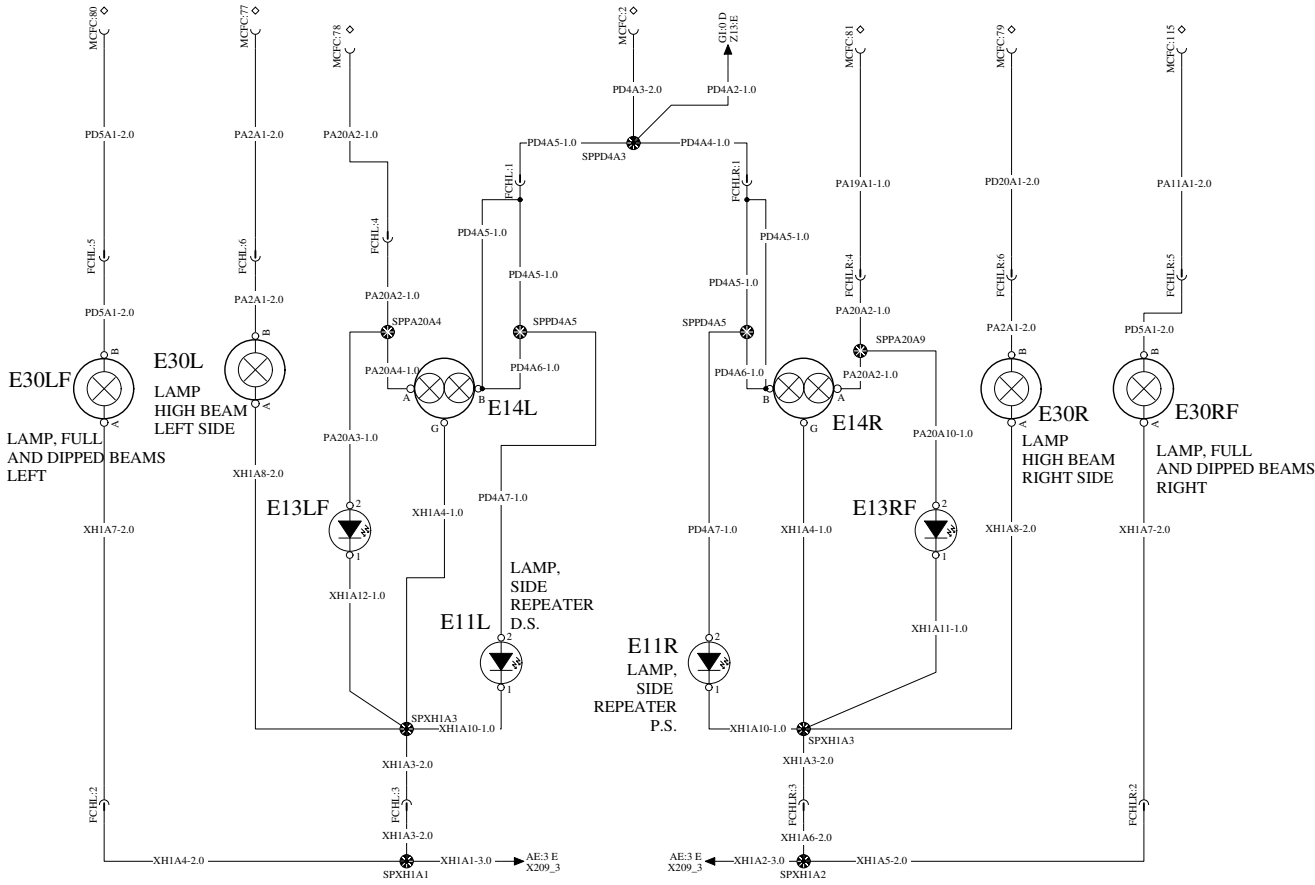
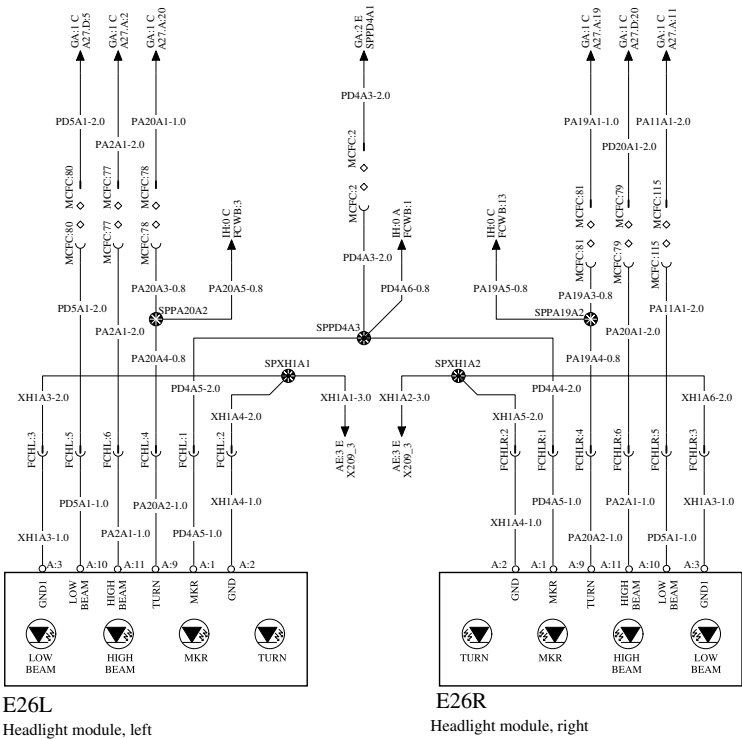






DRIVING/SIGNAL LIGHTS: AERO OR CONSTRUC

WIRING DIAGRAM: GD

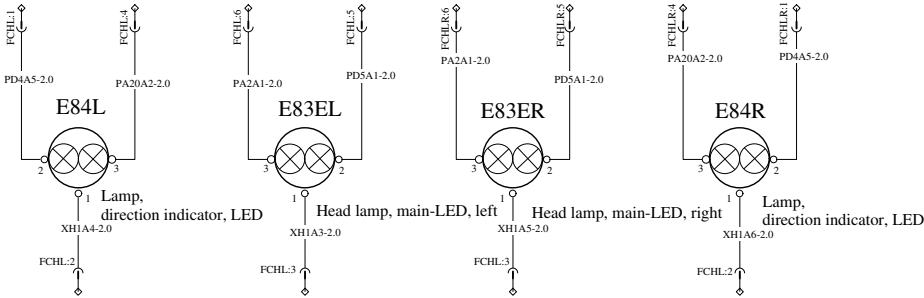


LIGHTING FORWARD SIGNAL: CLASSIC

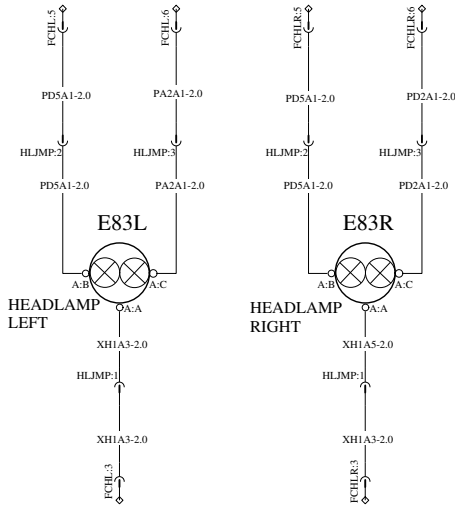
WIRING DIAGRAM: GE

SEE SHEET GD FOR
CONNECTIONS TO
FRONT CHASSIS

LED

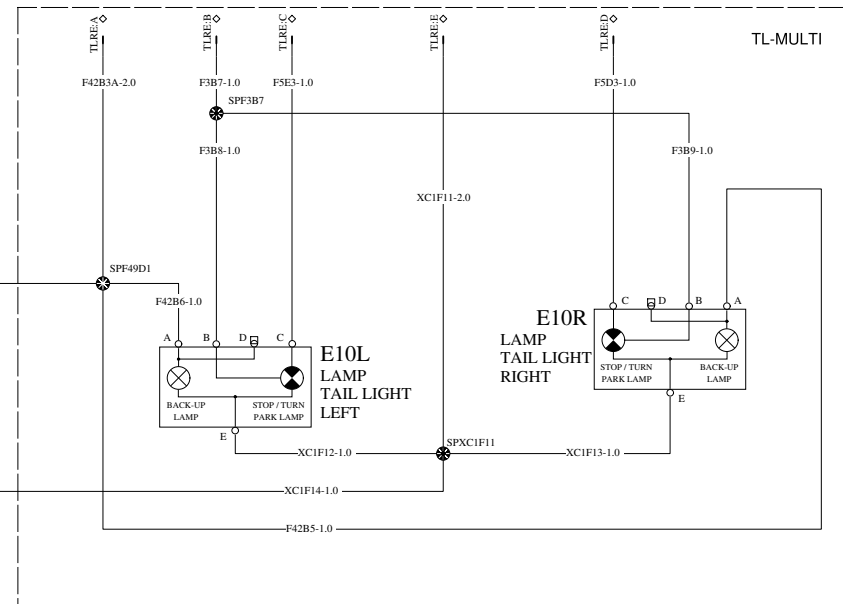


HALOGEN



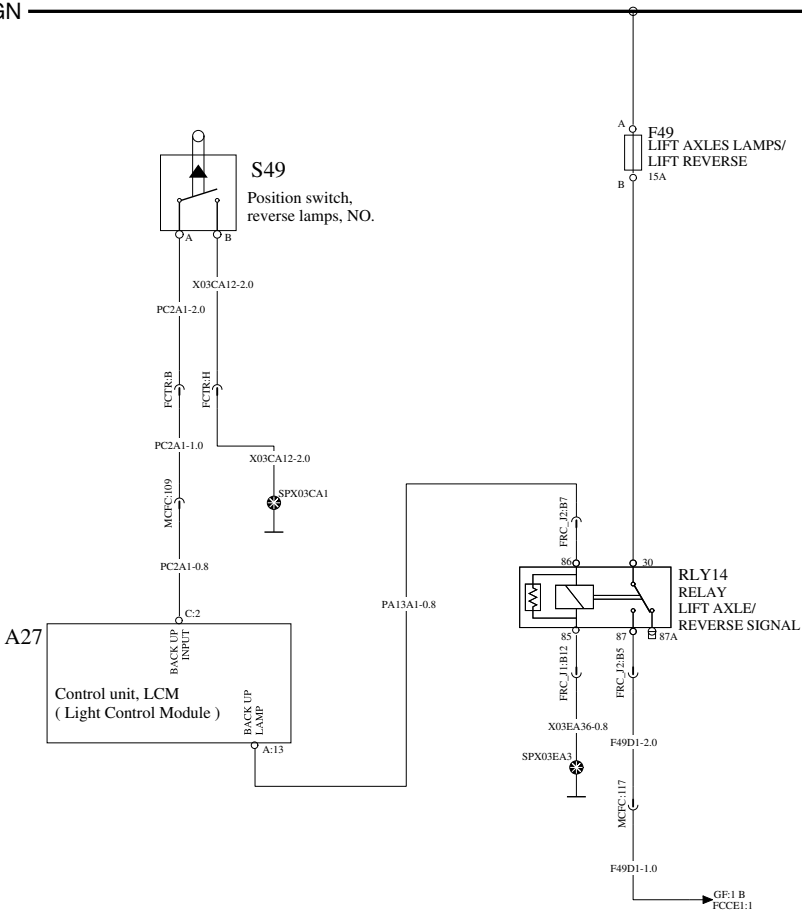
E

E



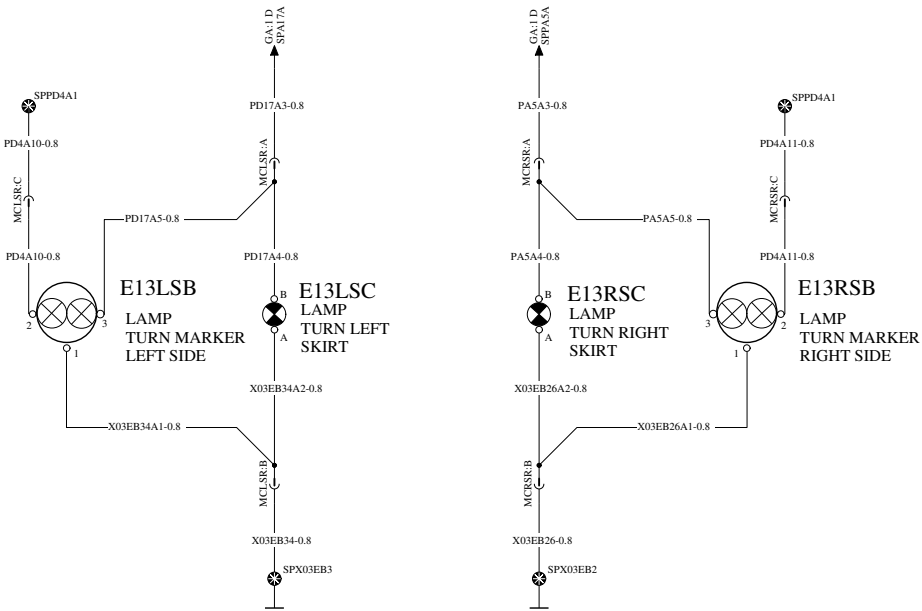
LIGHT CONTROL - BACK UP LAMPS

WIRING DIAGRAM: GG



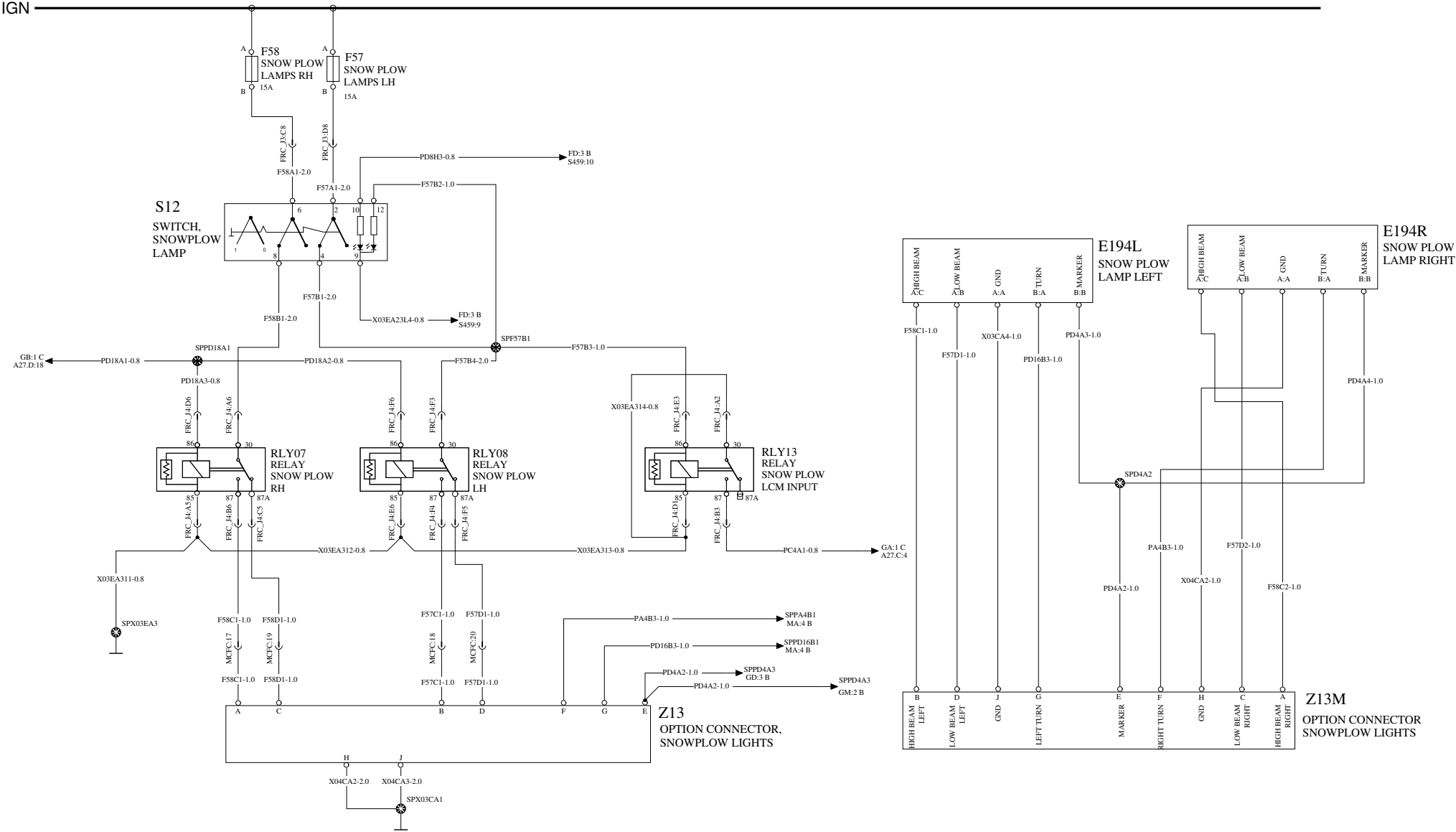
SIDE REPEATER/MARKER OPTIONS

WIRING DIAGRAM: GH



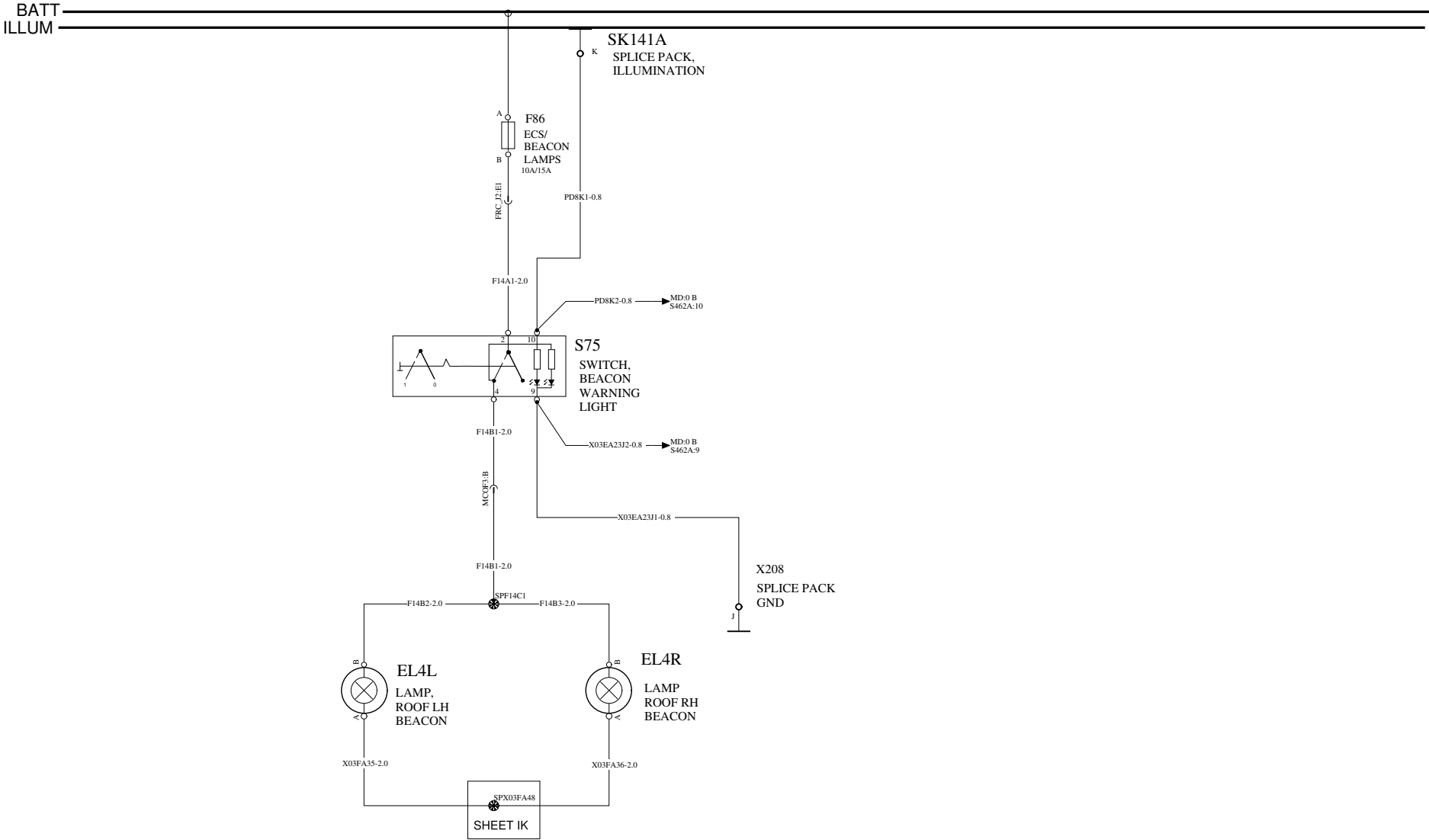
SNOW PLOW PREP

WIRING DIAGRAM: GI



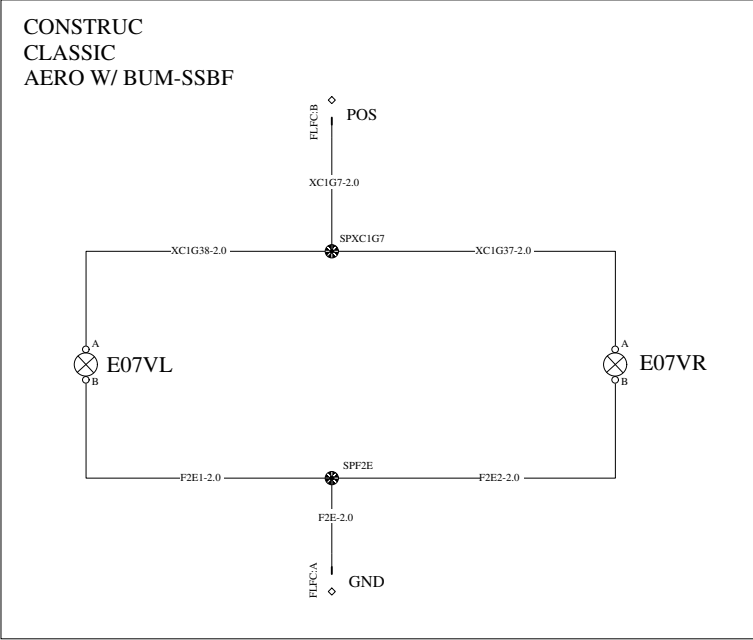
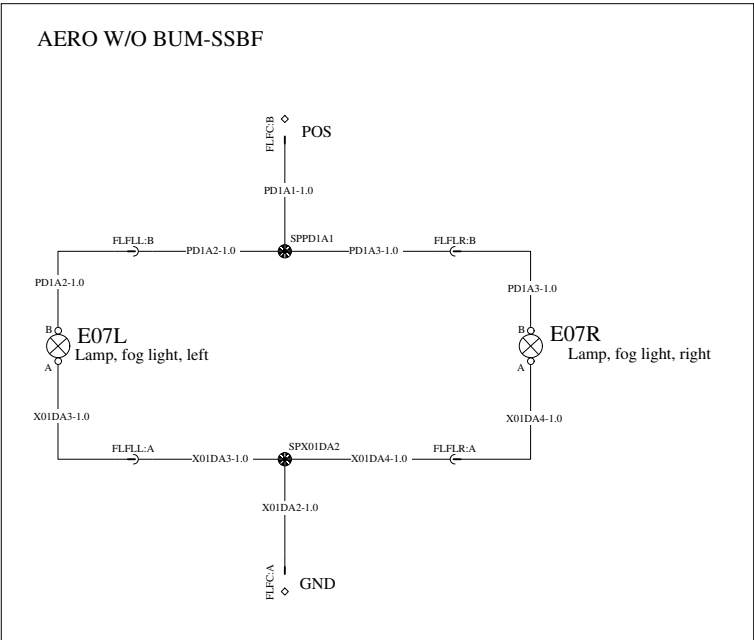
BEACON LAMPS

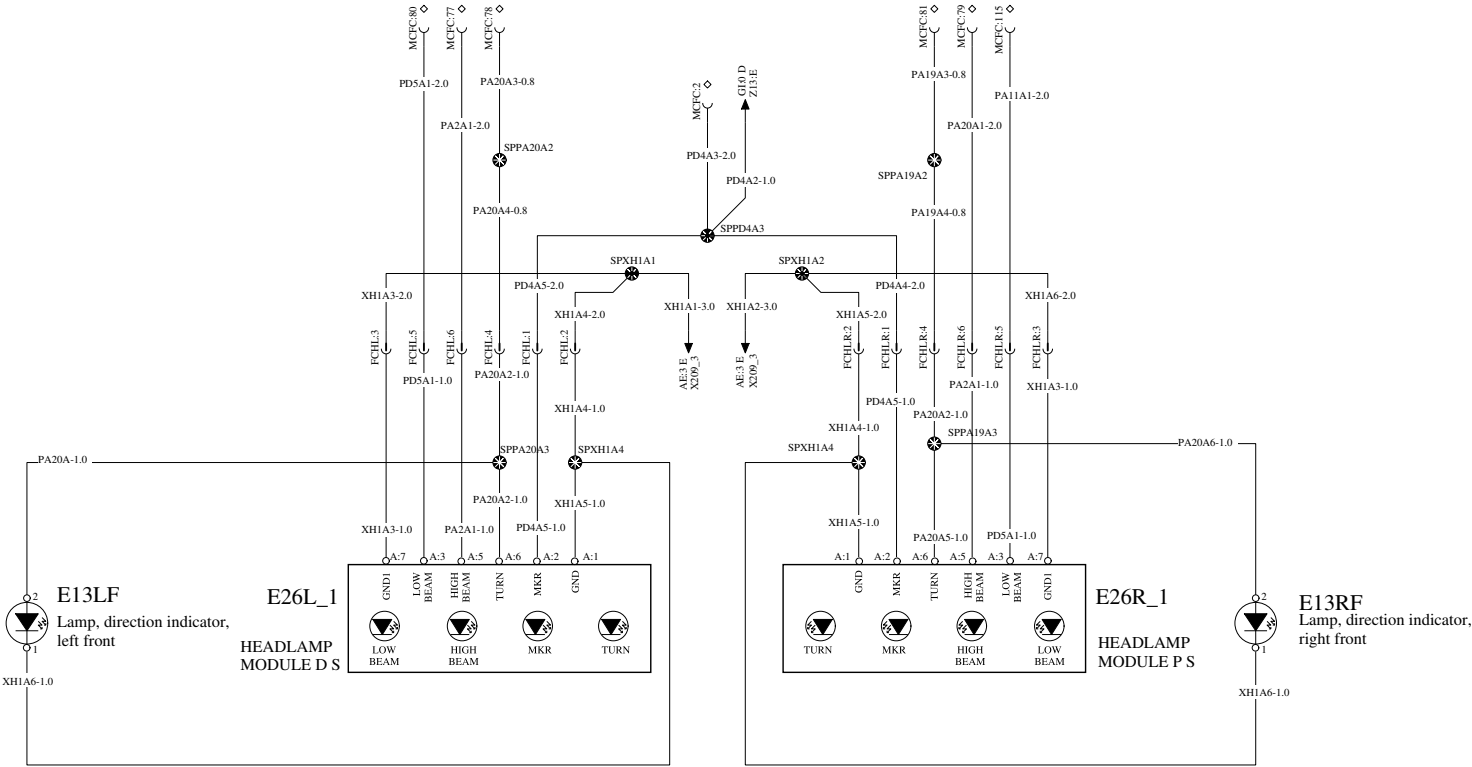
WIRING DIAGRAM: GJ



FOG LIGHTS

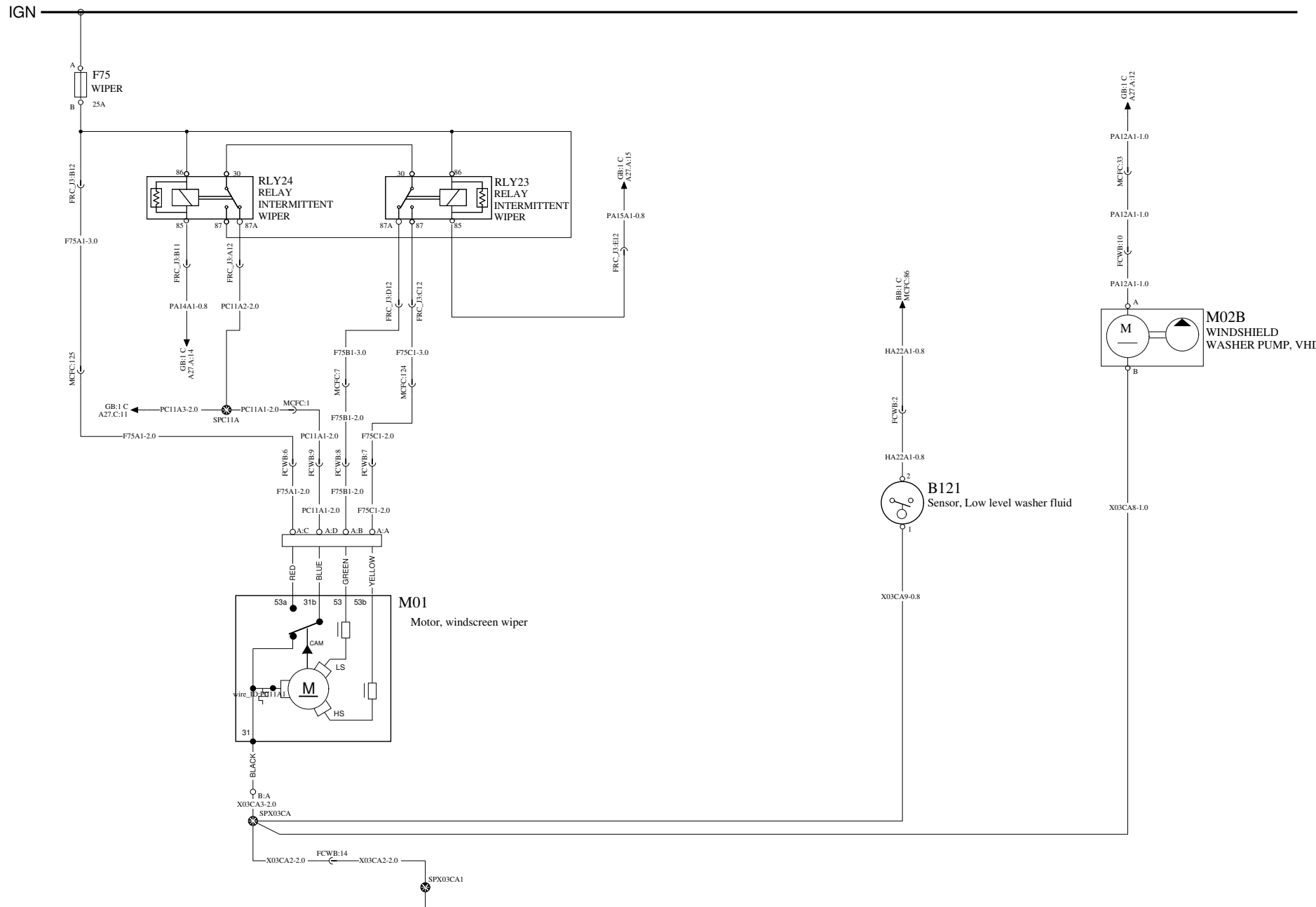
WIRING DIAGRAM: GL





WINDSHIELD WIPER/WASHER

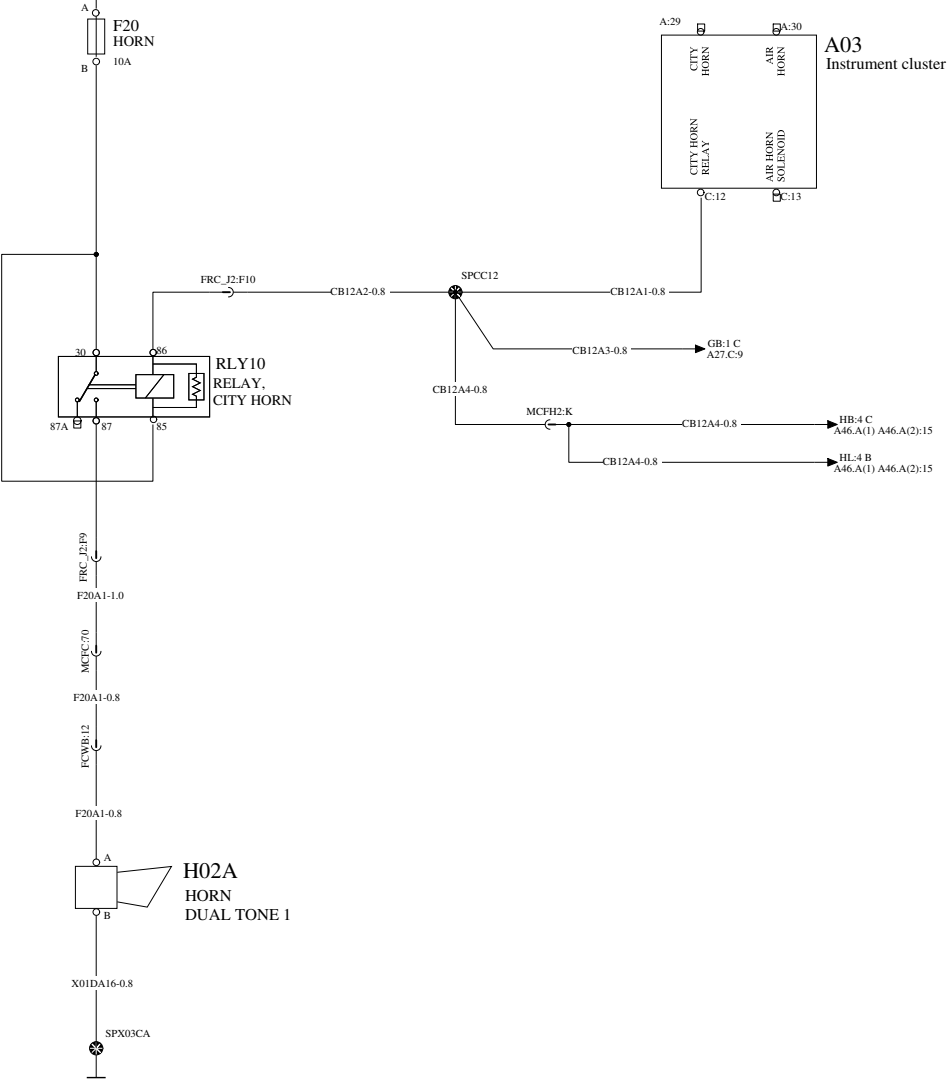
WIRING DIAGRAM: GP



HORN

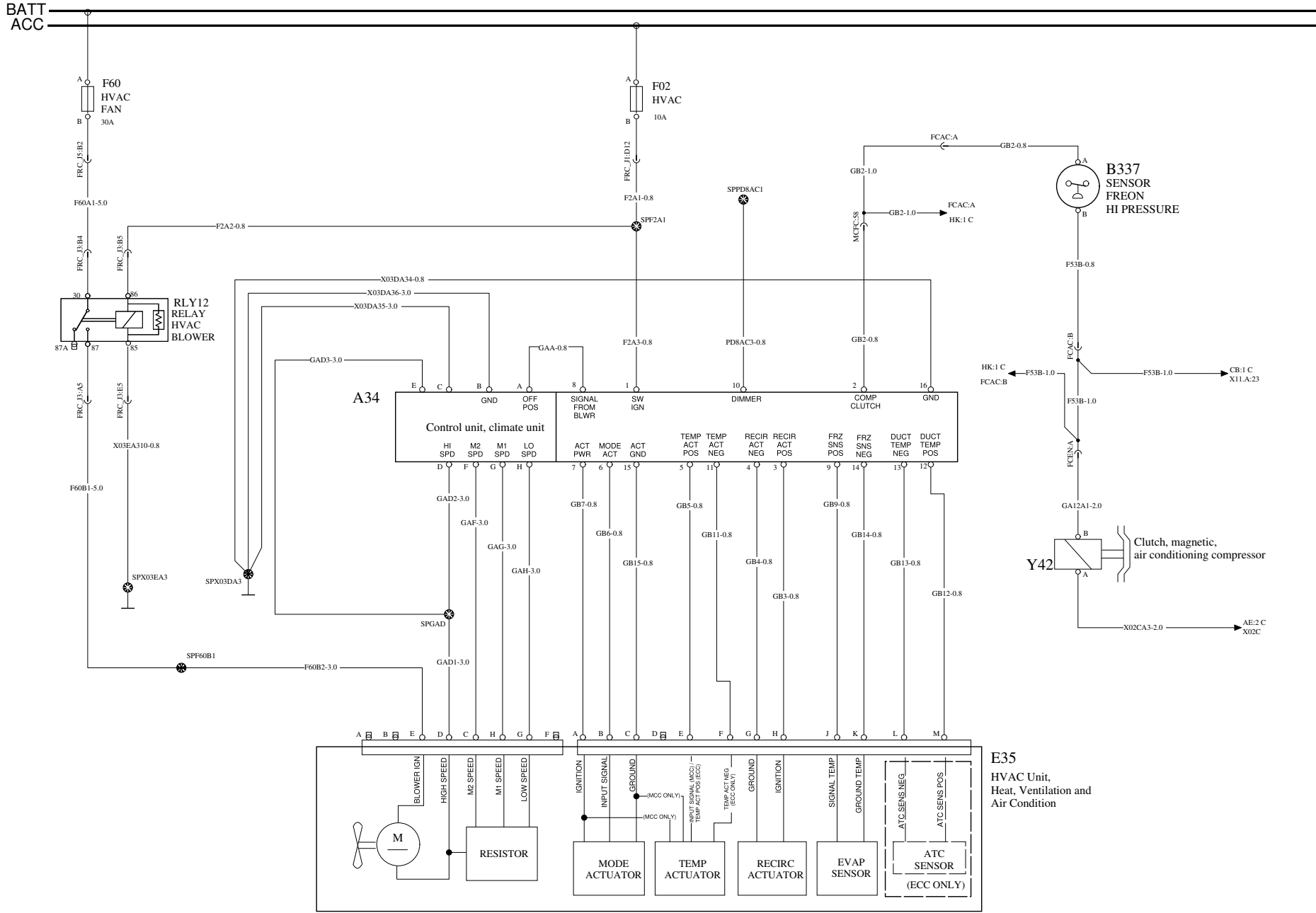
BATT

WIRING DIAGRAM: GQ



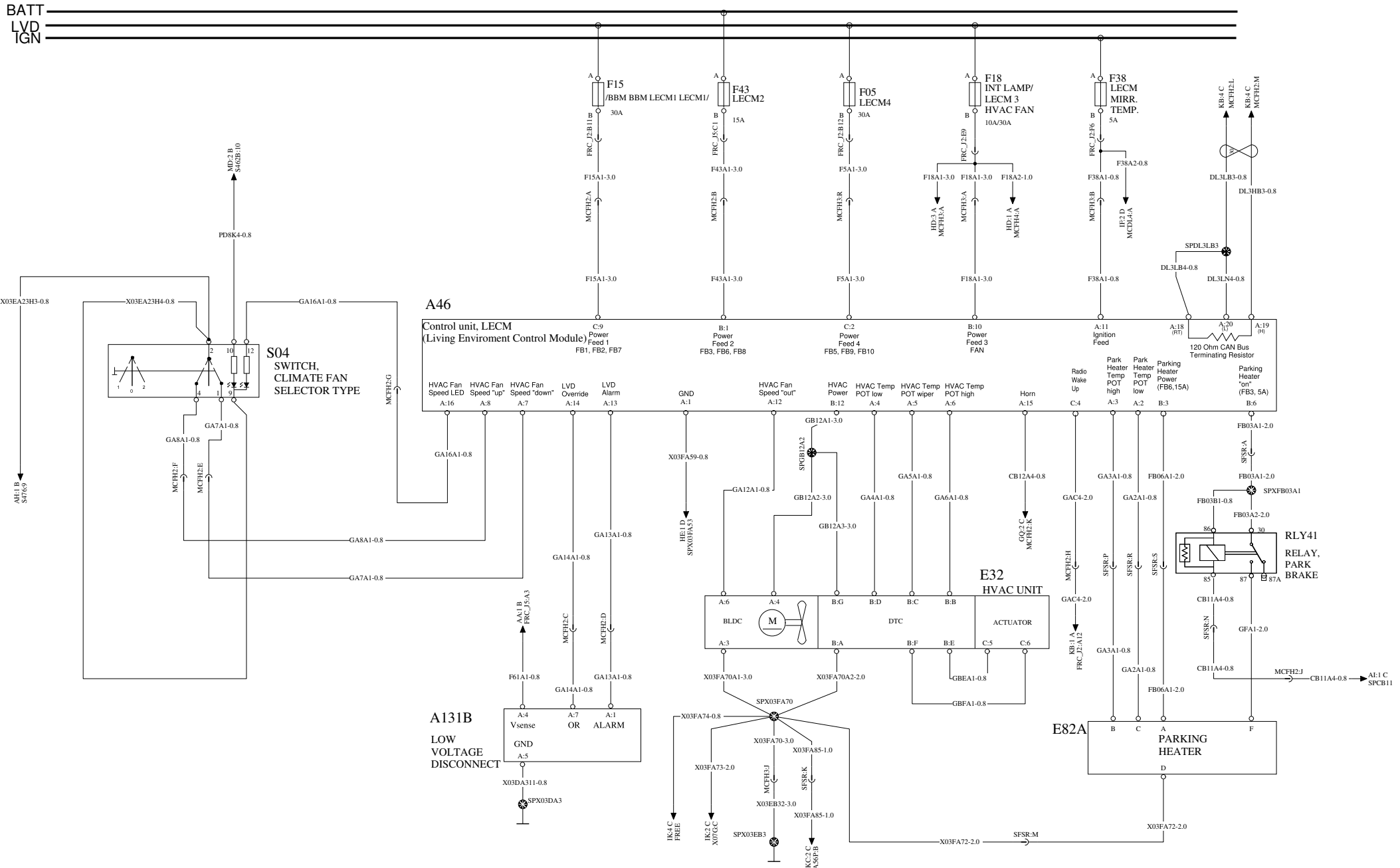
CLIMATE CONTROL

WIRING DIAGRAM: HA



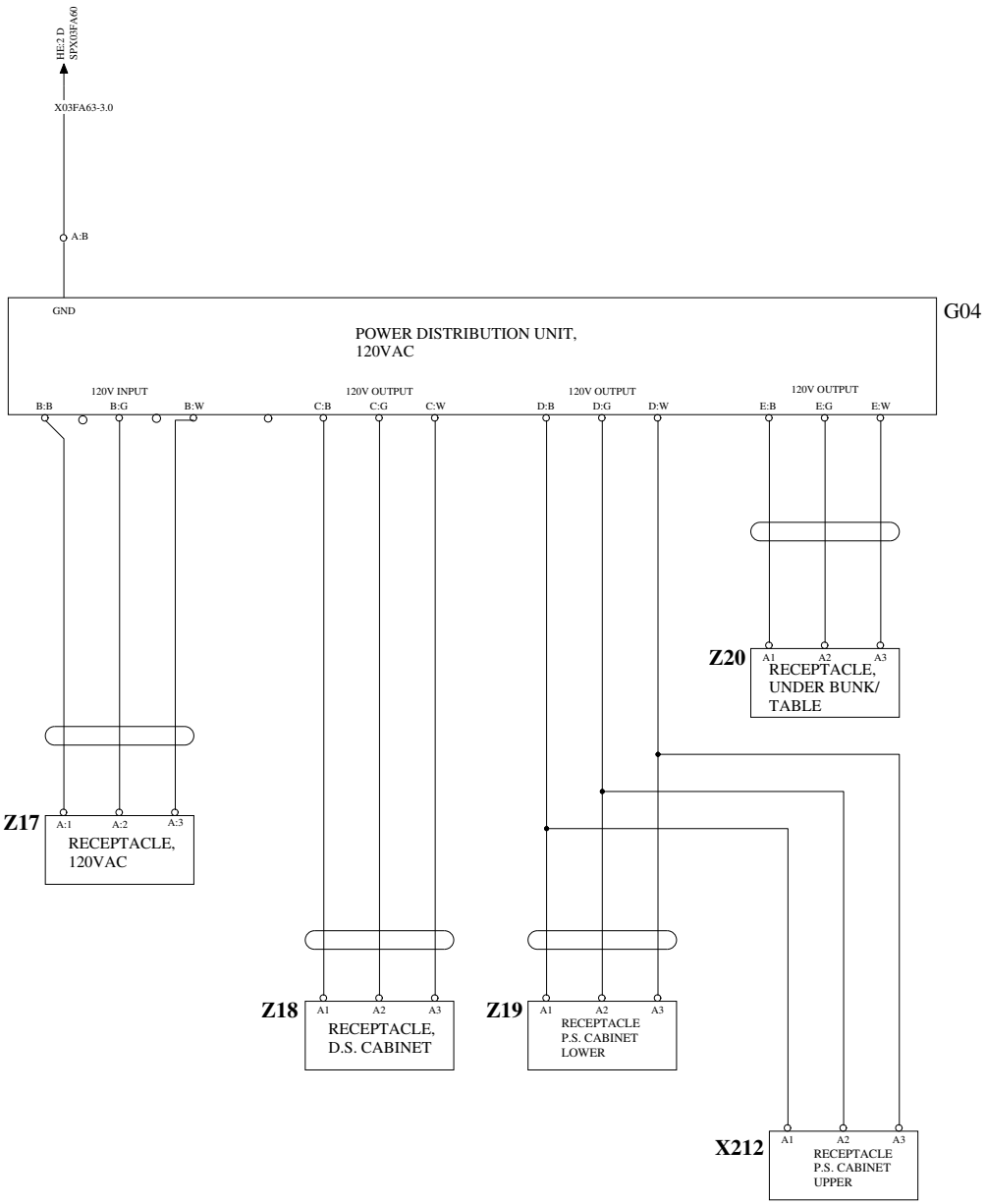
SLEEPER CLIMATE CONTROL W/LECM 70" SLEEPER

WIRING DIAGRAM: HB

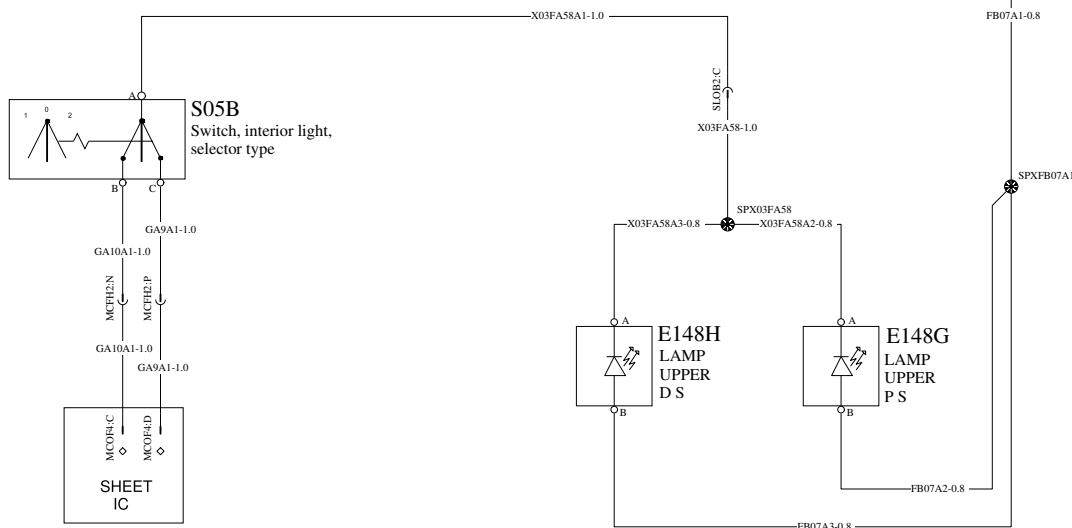


SHORE POWER W/O INVERTER

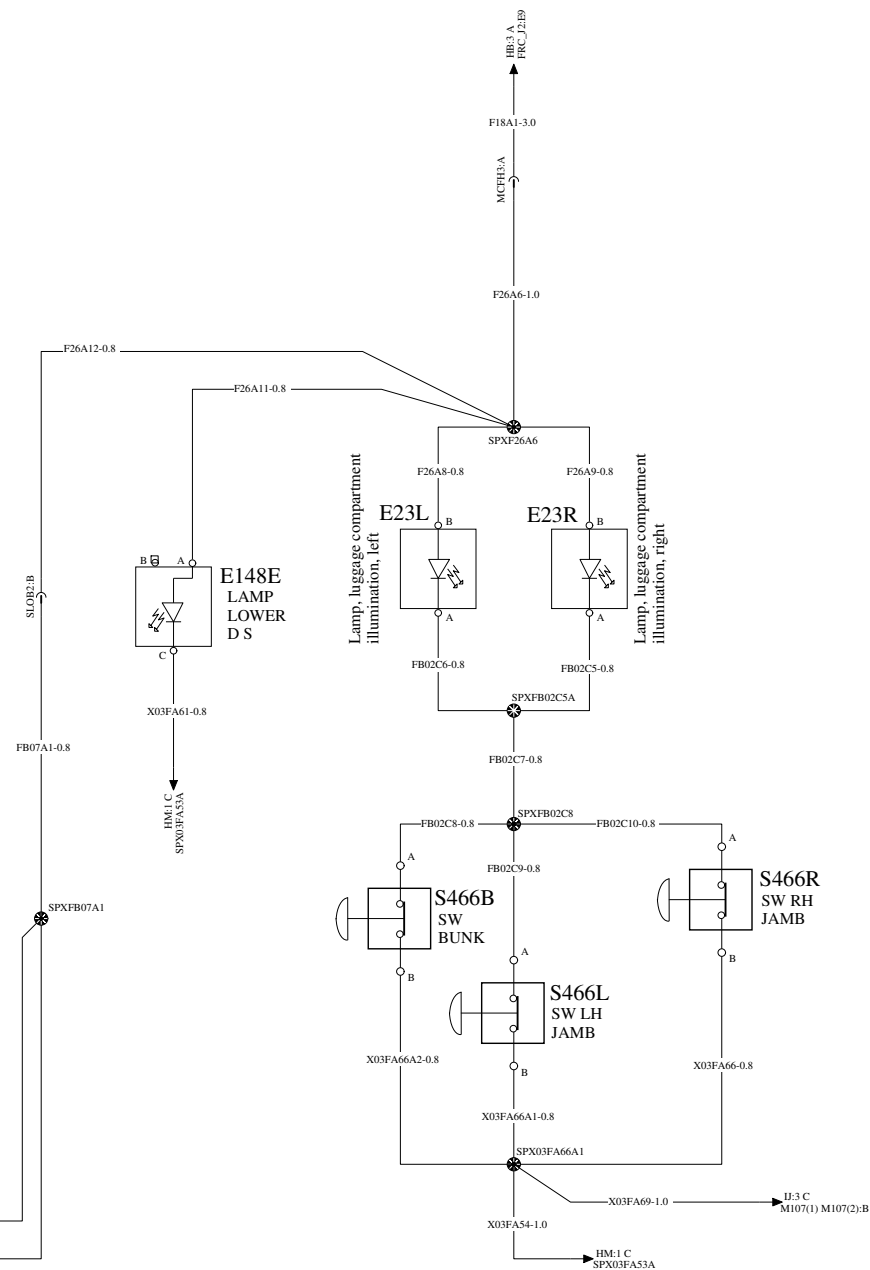
WIRING DIAGRAM : HC

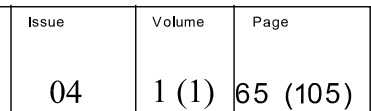


E



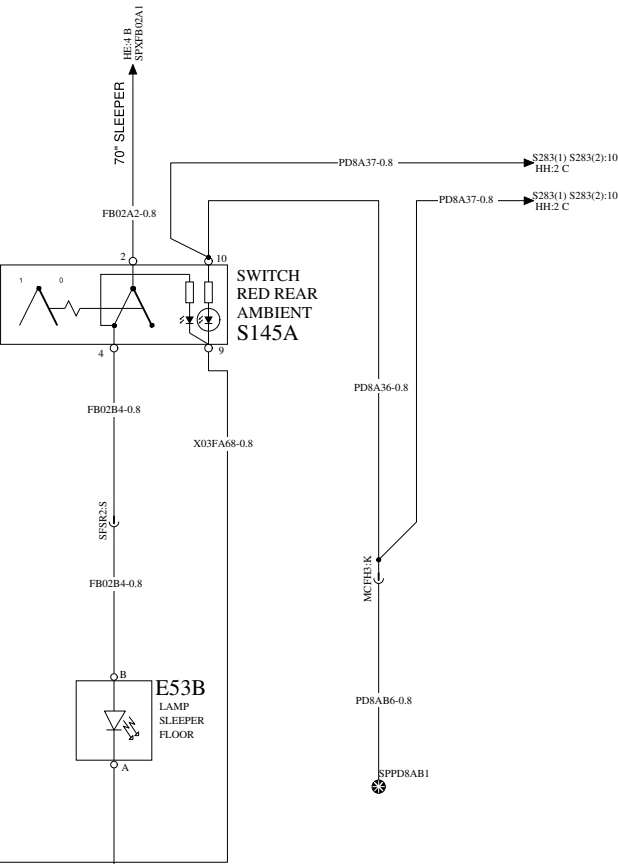
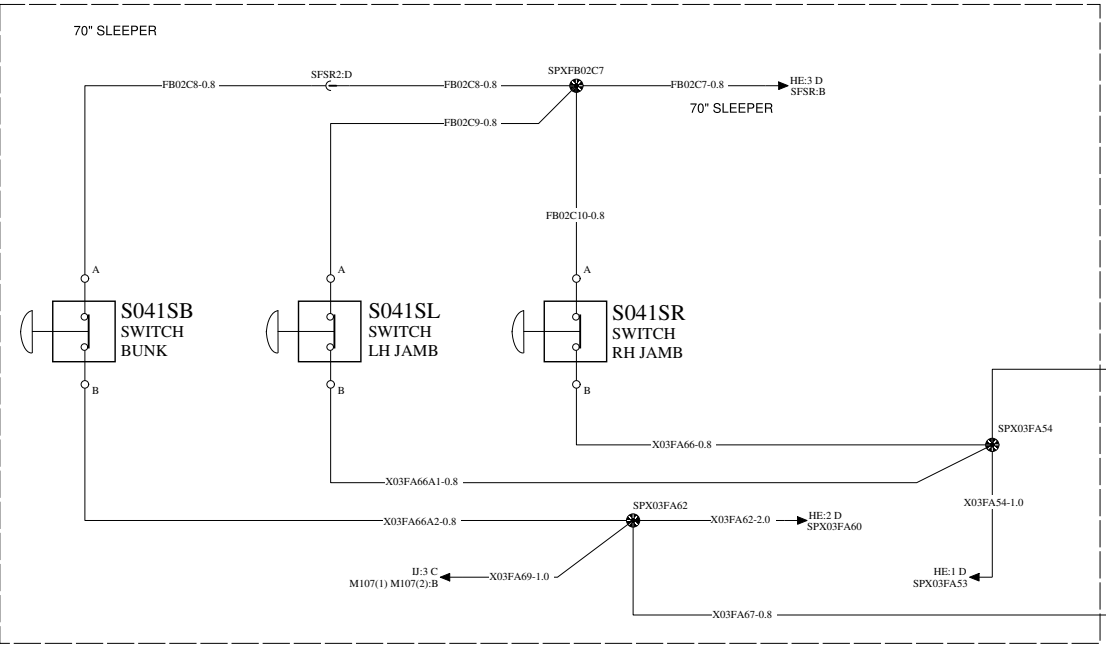
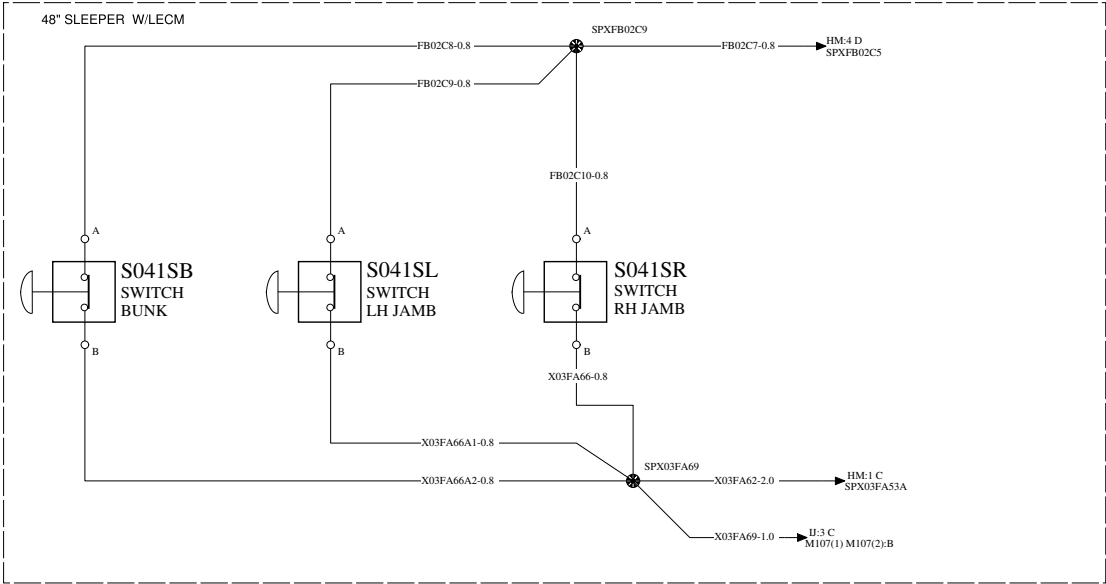
E

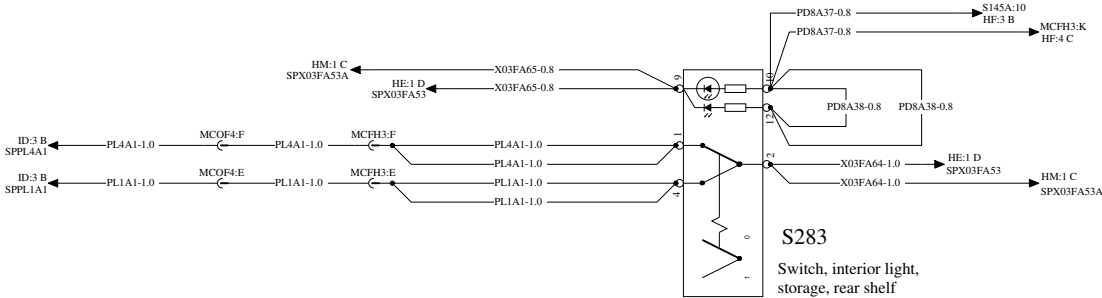




SLEEPER COURTESY AND UNDER BUNK

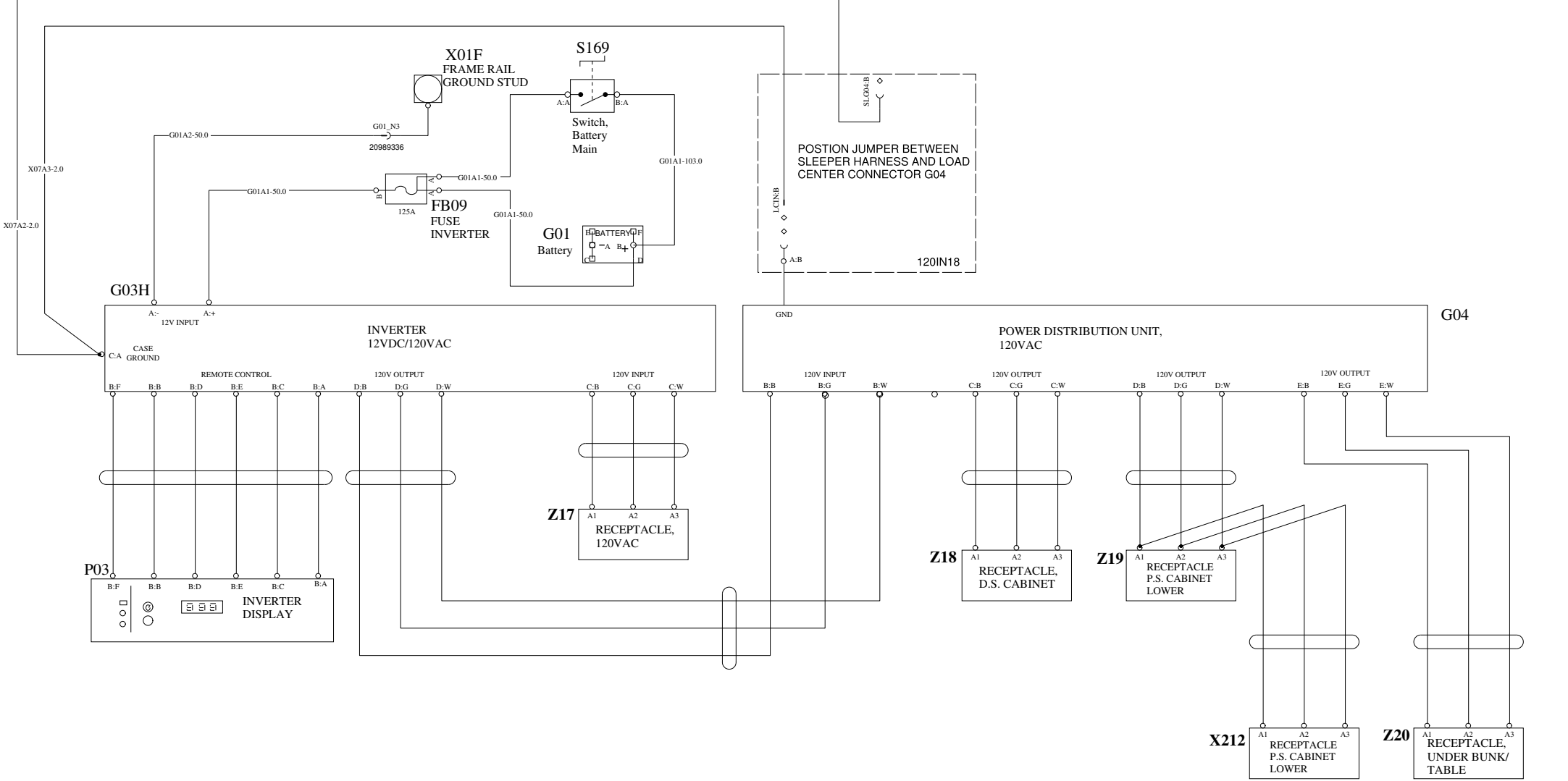
WIRING DIAGRAM : HF





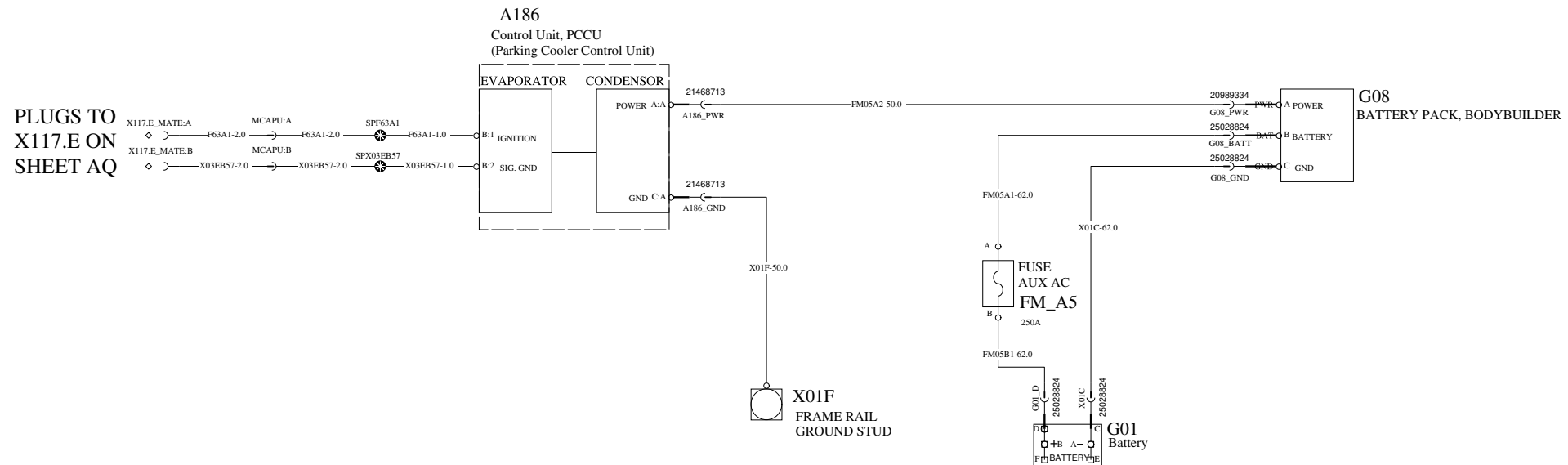
SHORE POWER W/INVERTER

WIRING DIAGRAM: HI



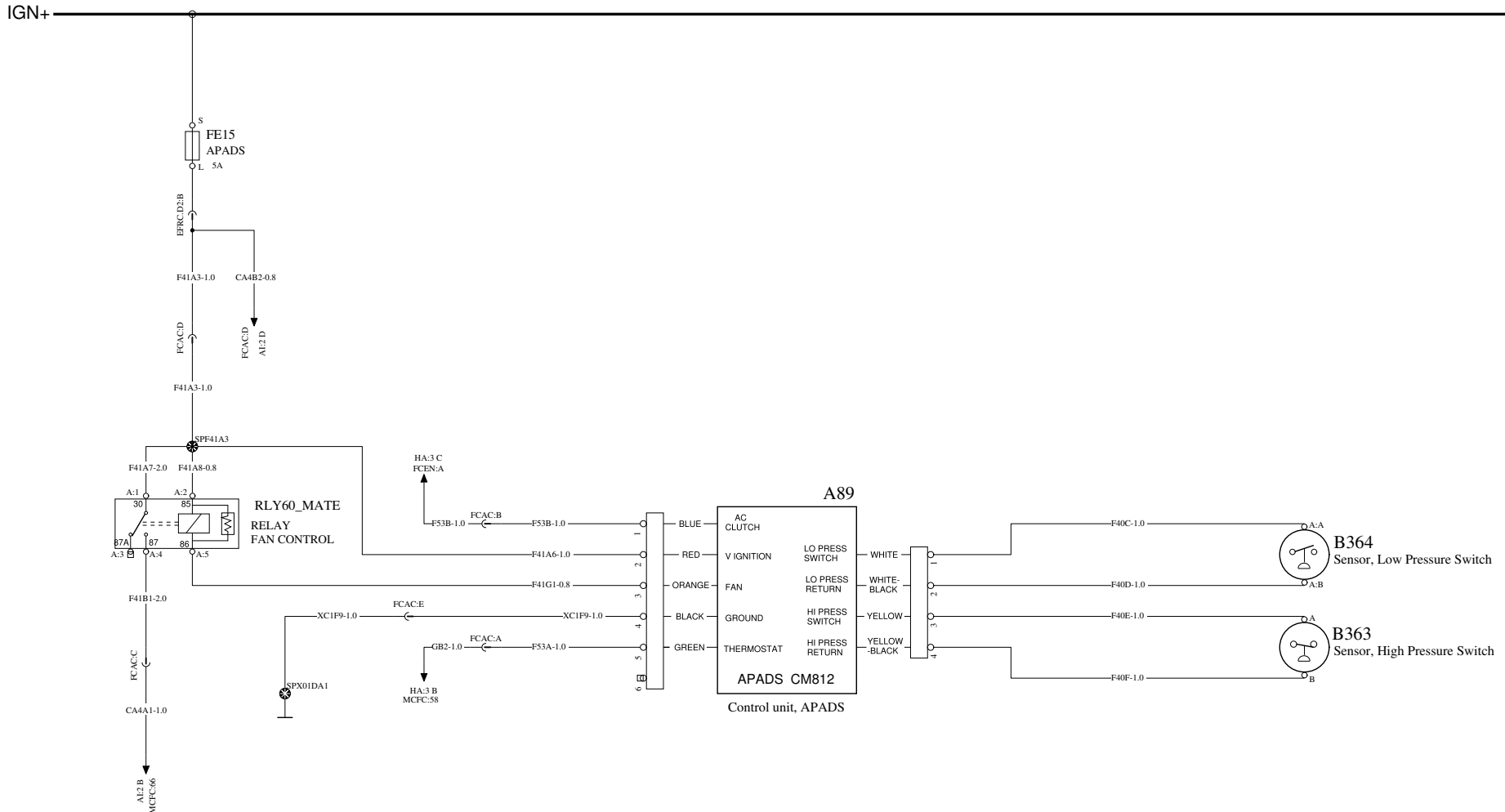
AUXILLIARY 12V PARK COOLING SYSTEM

WIRING DIAGRAM: HJ

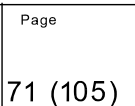


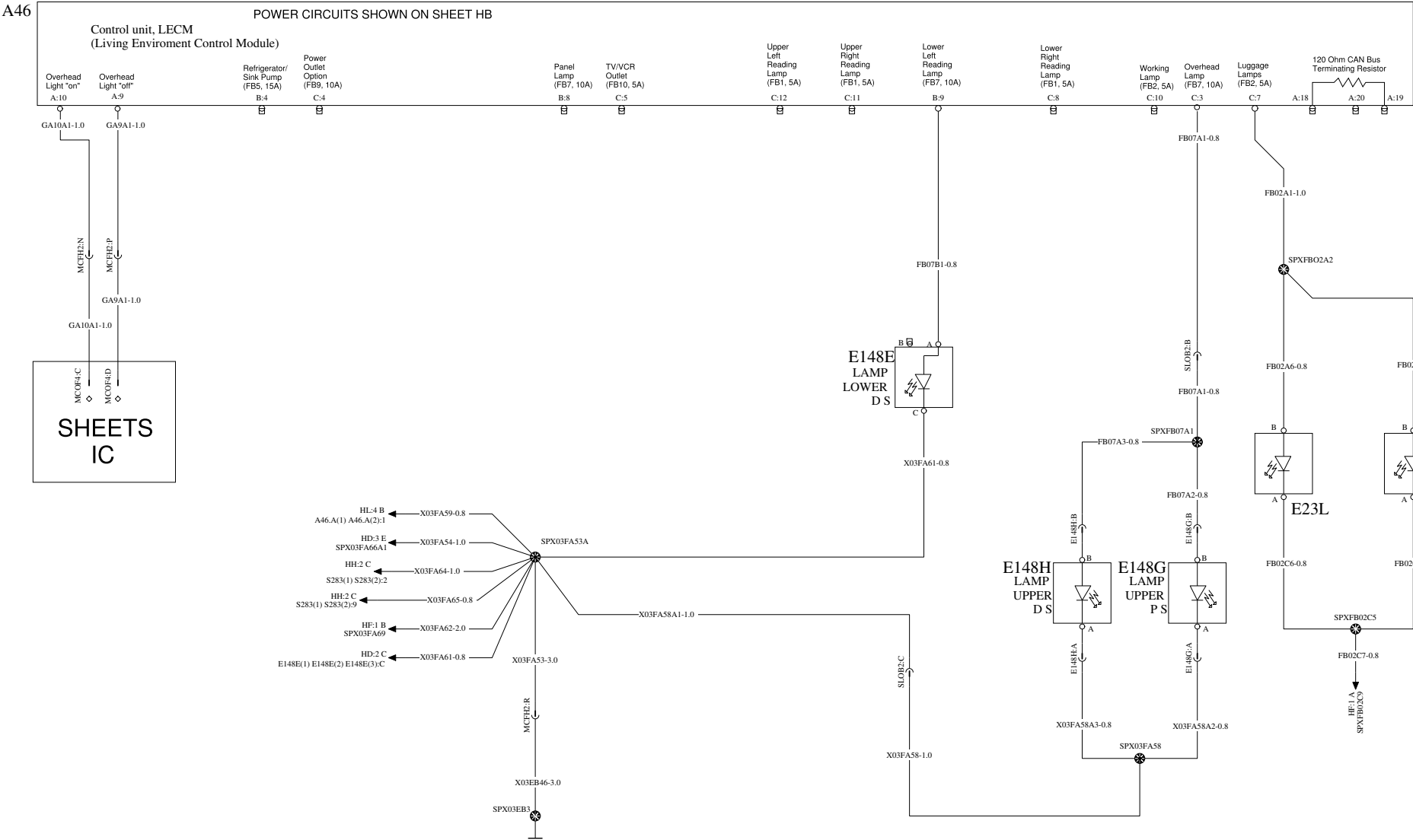
APADS

WIRING DIAGRAM: HK



WIRING DIAGRAM: HL

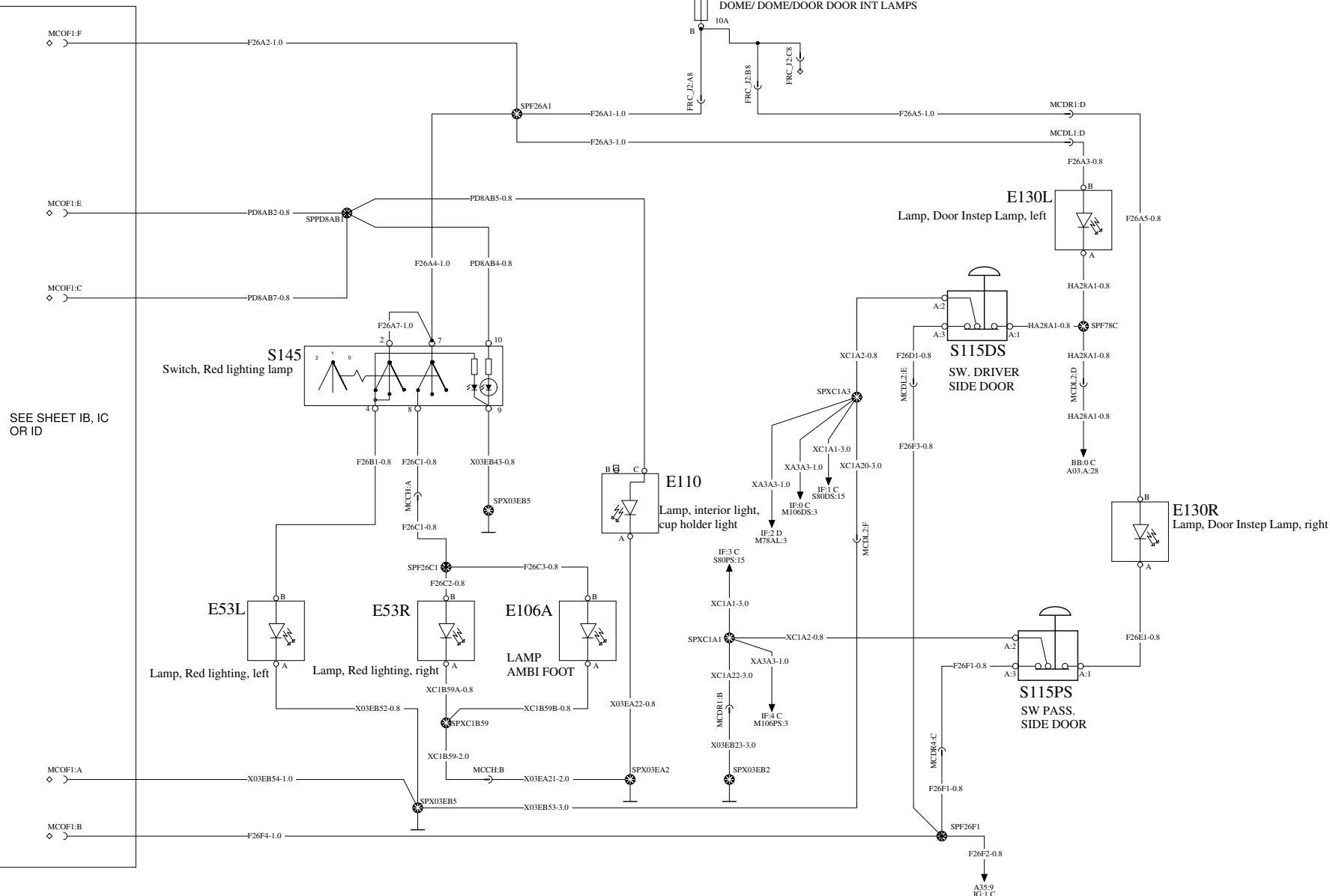




WIRING DIAGRAM: IA

F26
DOME/ DOME/DOOR DOOR INT LAMPS

The diagram shows a vertical line representing a power supply. A fuse labeled '10A' is connected to the line. Below the fuse, the line is labeled 'FRC J2A8'. The line then splits into three parallel branches, each leading to a lamp labeled 'FRC J2C8'. The lamps are connected to ground.



Document title	WIRING DIAGRAM, 12V MACK CONVENTIONAL
Document type	PRODUCT SCHEMATIC

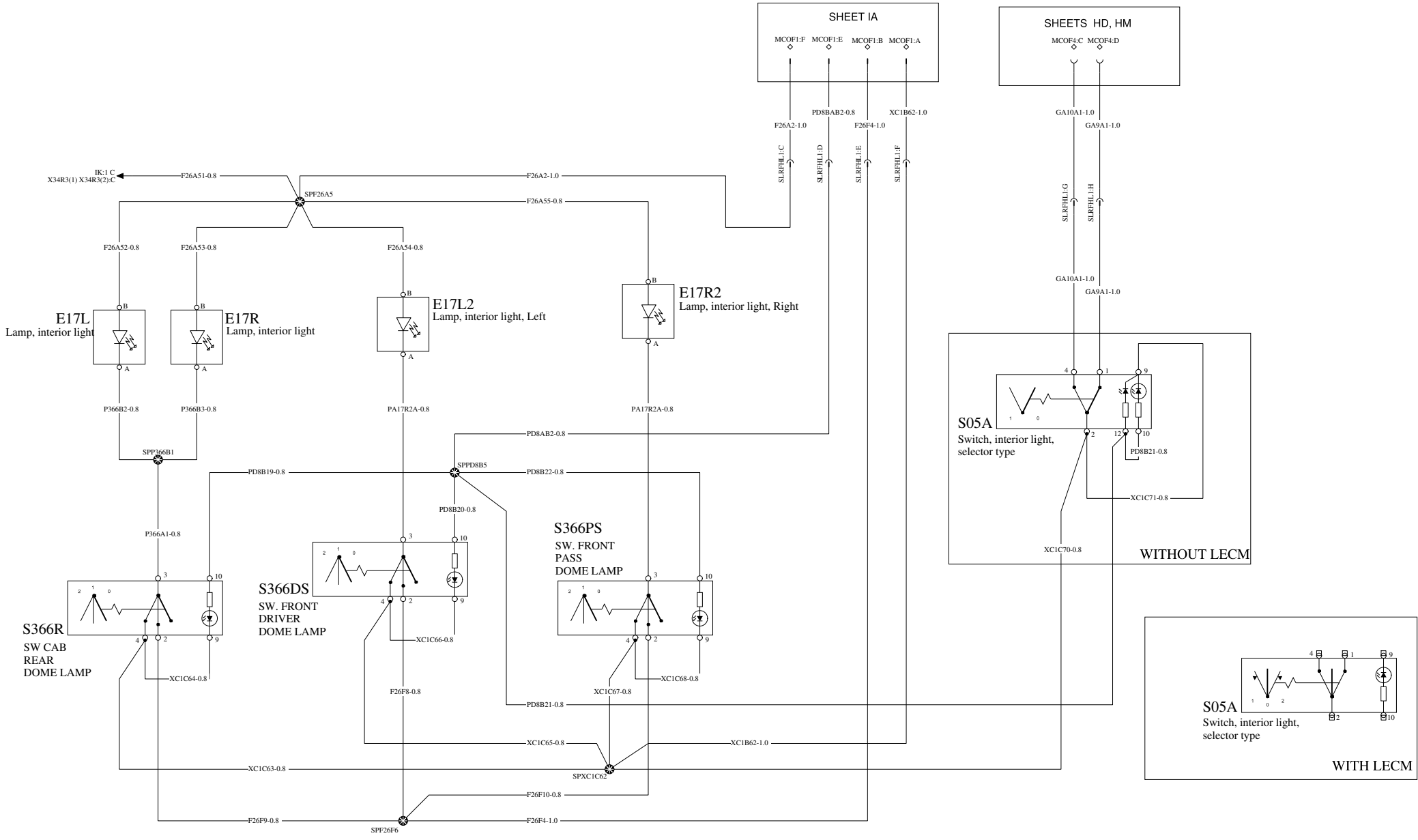
23970505

04

1 (1)

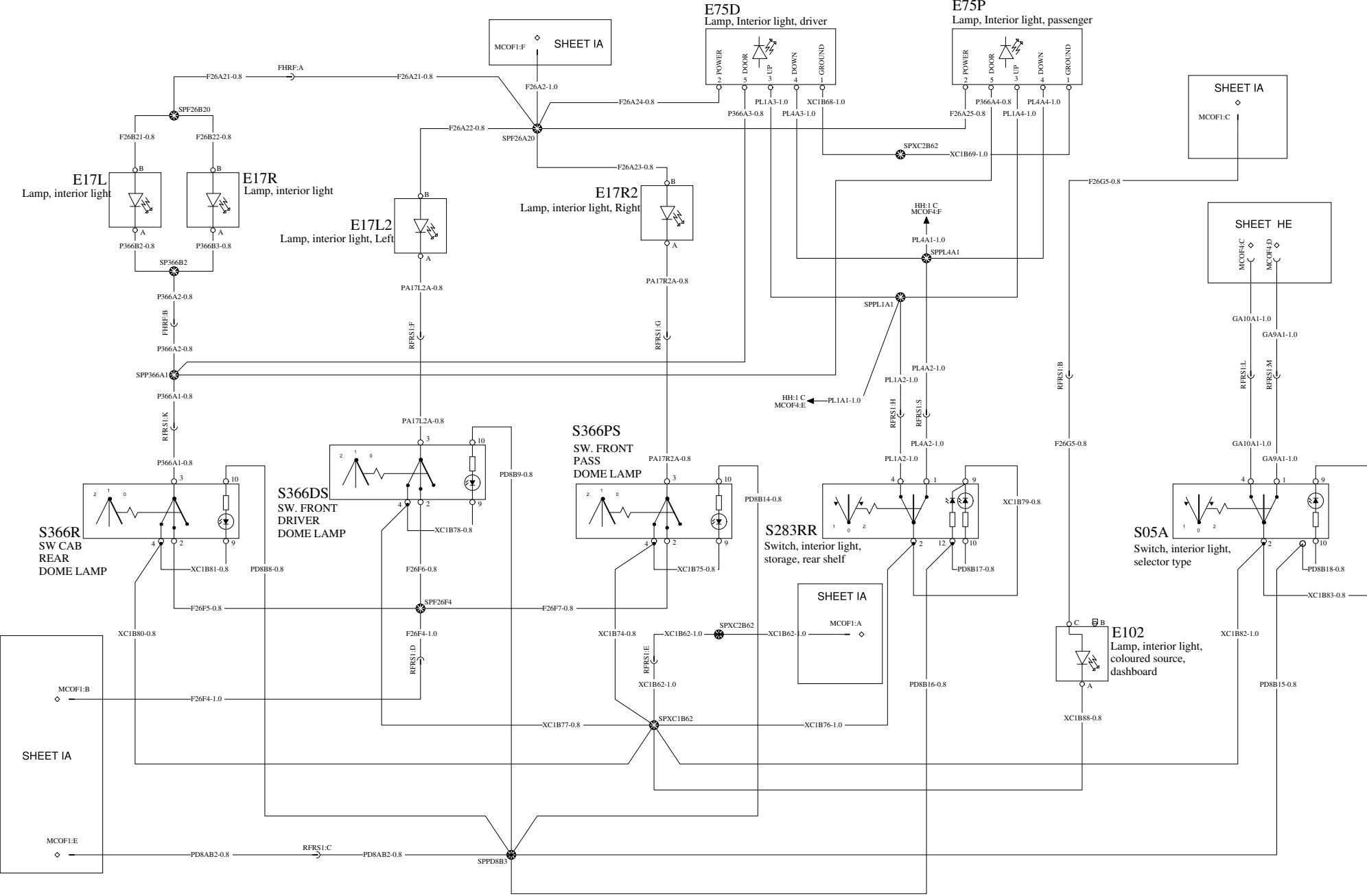
73 (105)





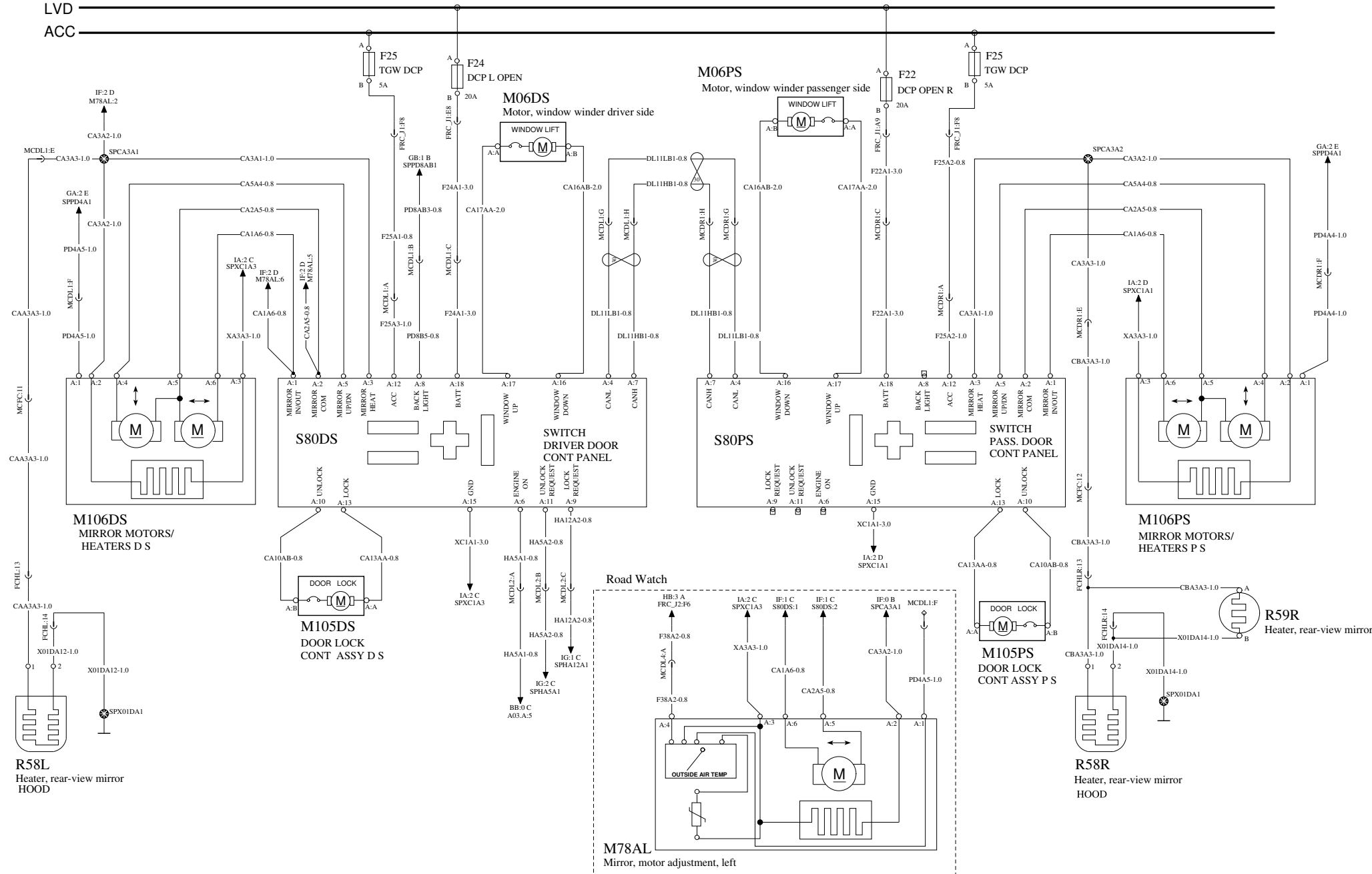
COURTESY LIGHTS - 70" SLEEPER

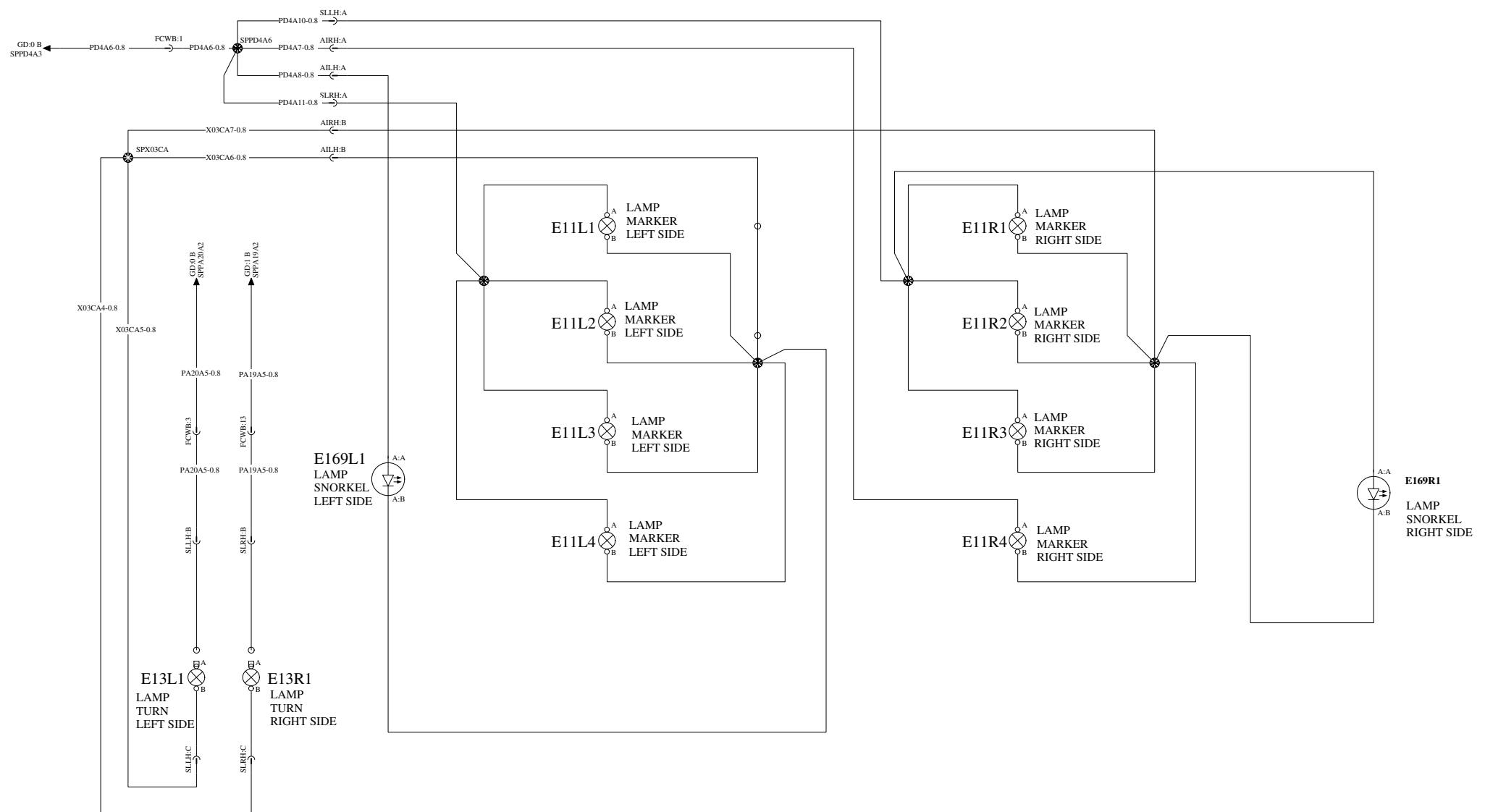
WIRING DIAGRAM: ID



POWER WINDOWS/MIRRORS/LOCKS

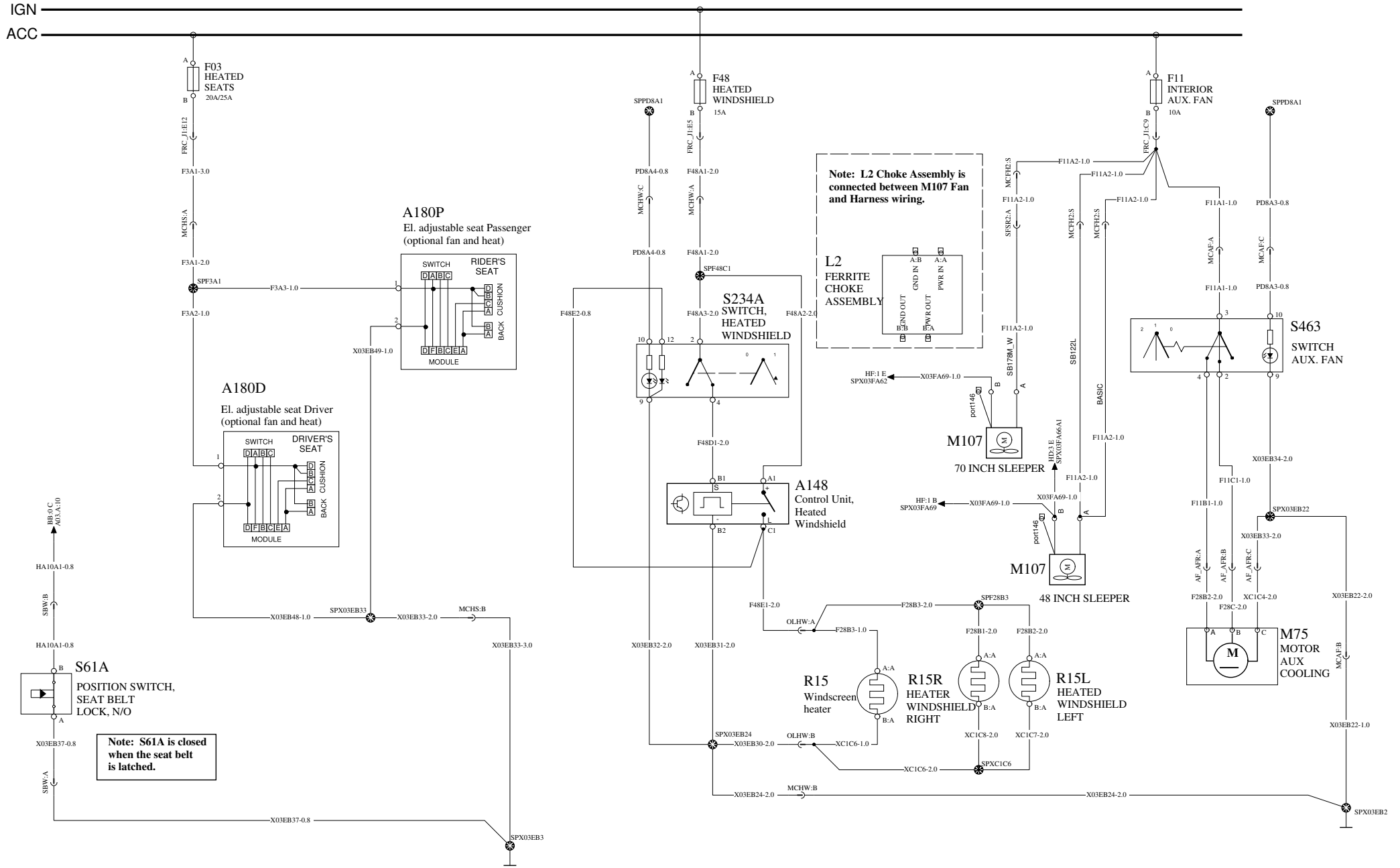
WIRING DIAGRAM: IF





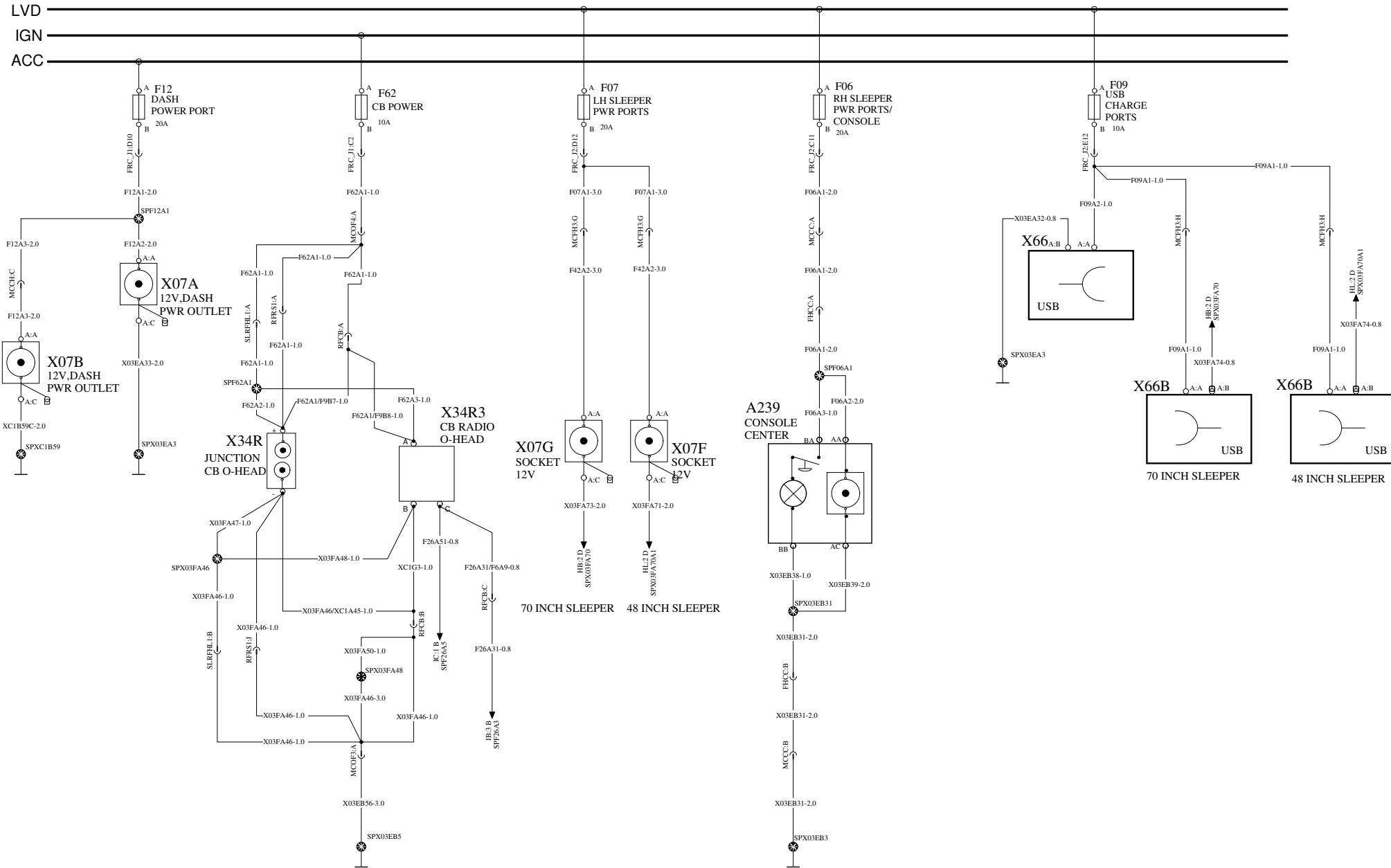
HEATED SEATS/SEATBELT REMINDER/HEATED WINDSHIELD

WIRING DIAGRAM: IJ



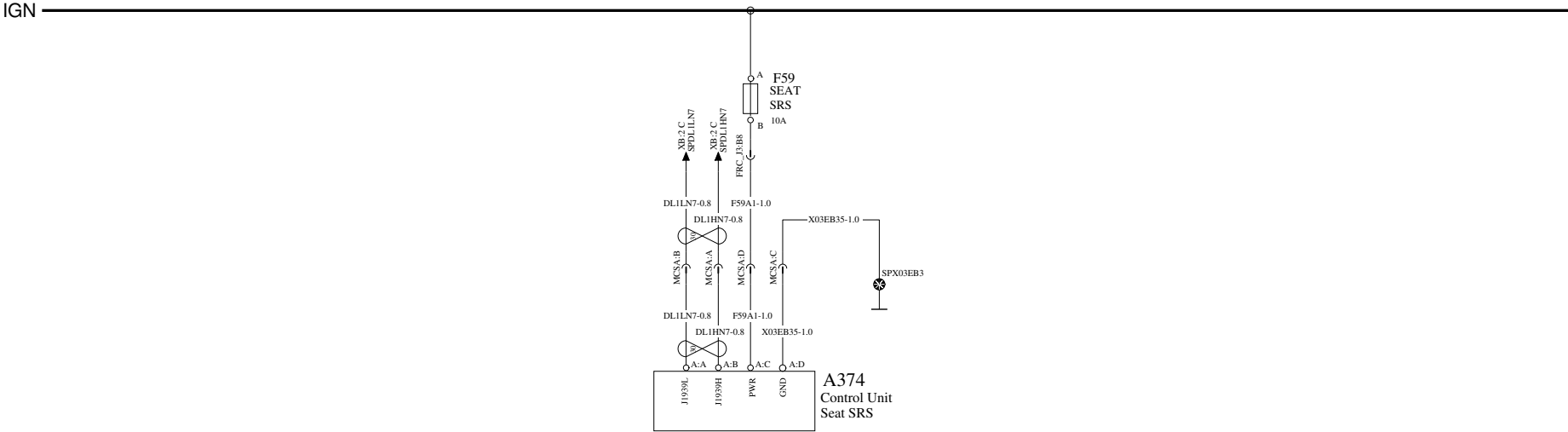
CIGAR LIGHTER / AUX POWER

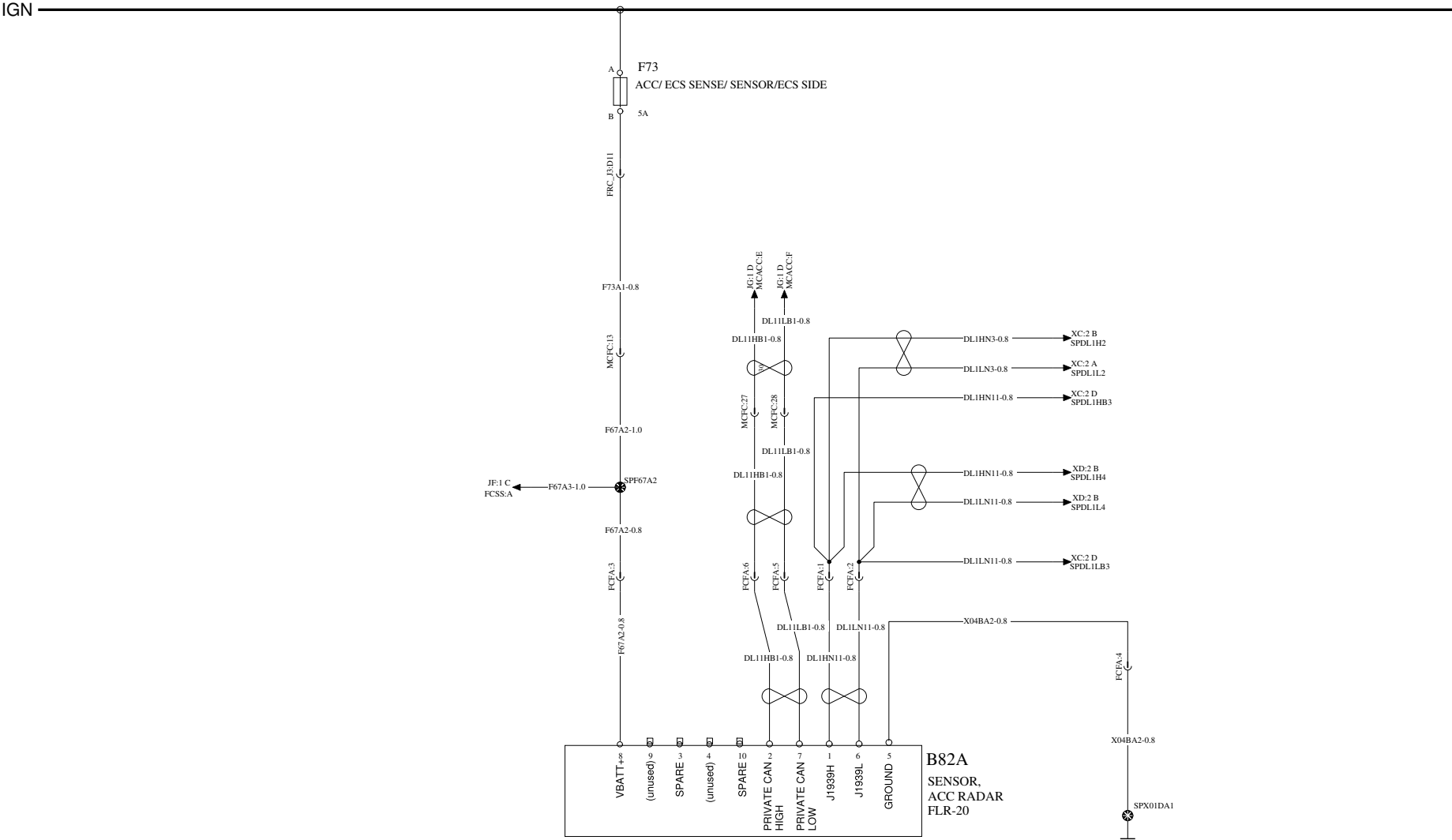
WIRING DIAGRAM: IK

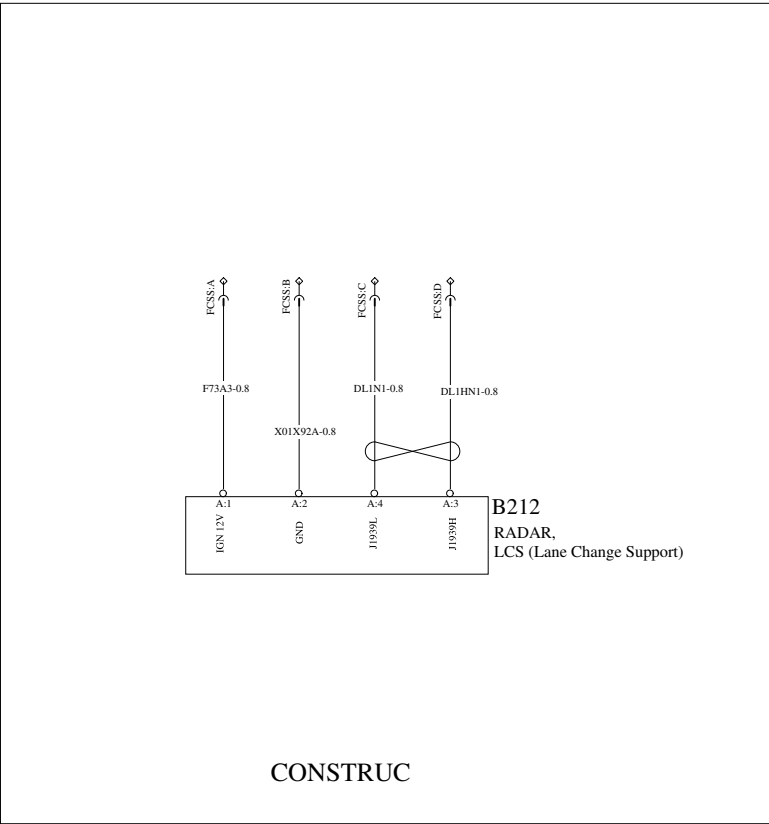
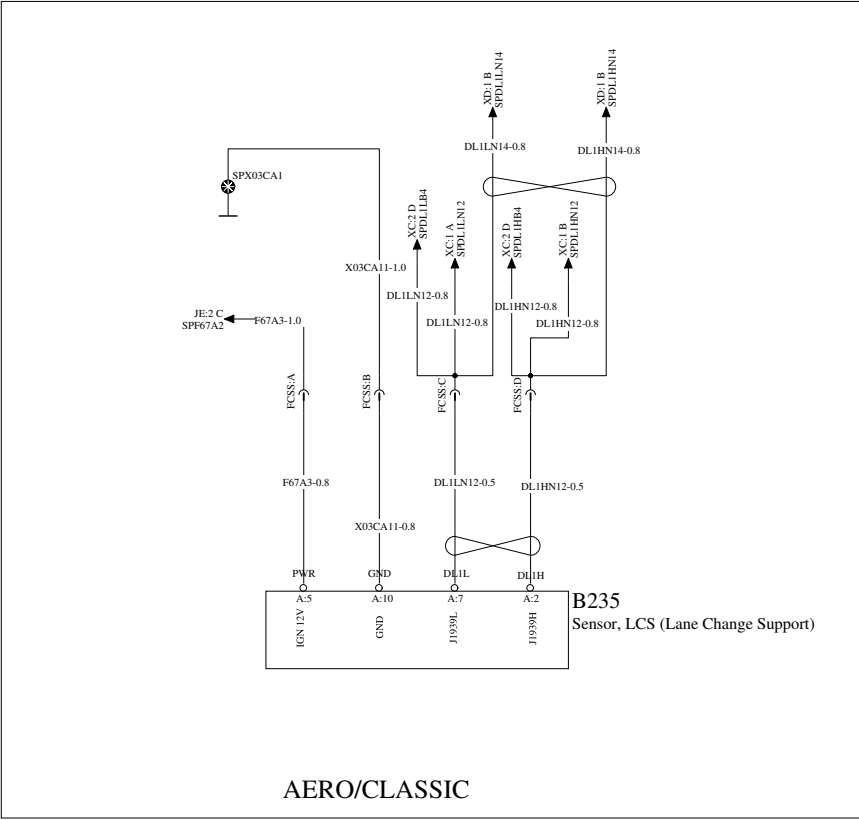


SEAT SRS

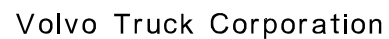
WIRING DIAGRAM: JA







WIRING DIAGRAM: JG



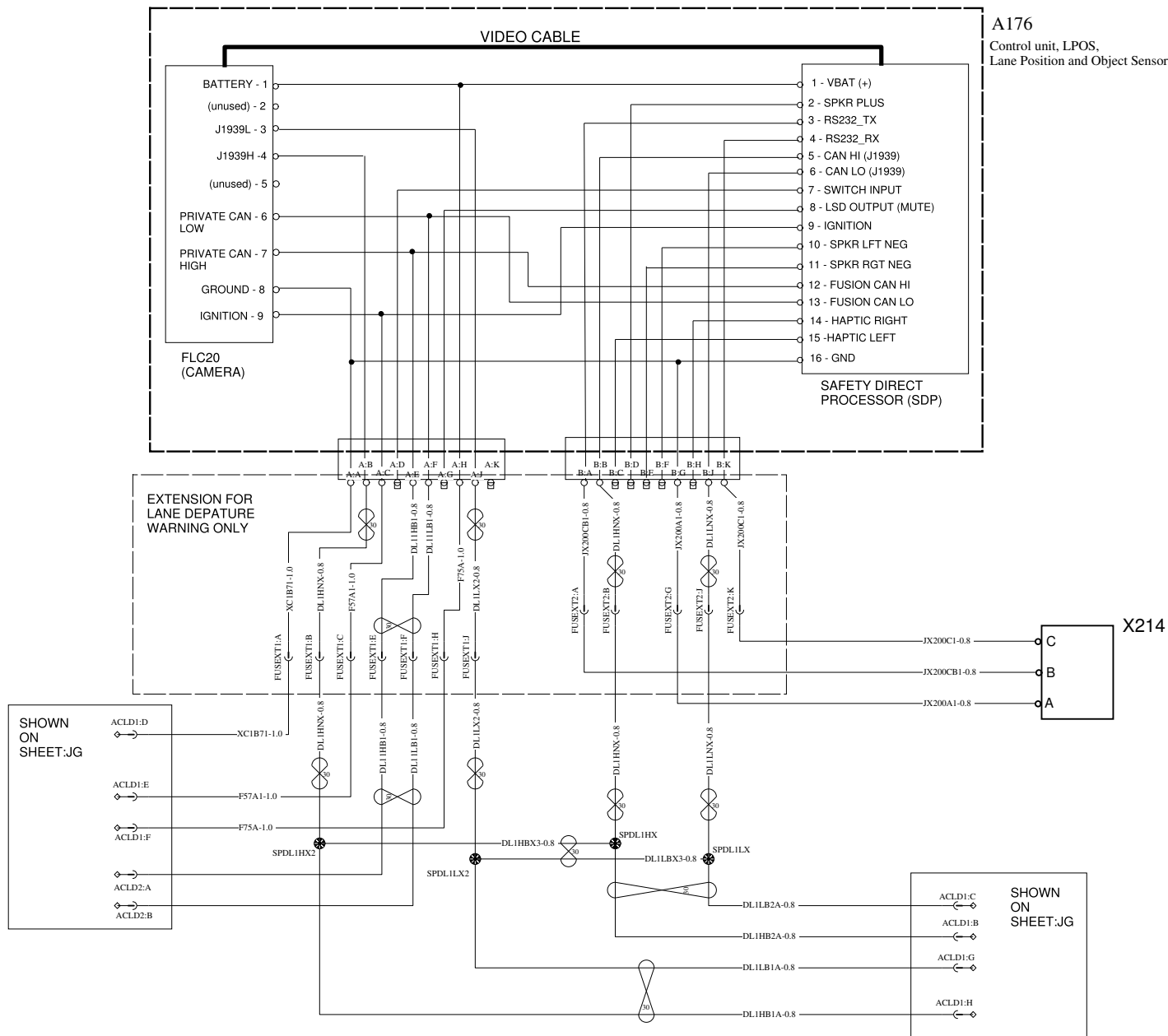
Document No

23970505

Issue	Volume	Page
04	1 (1)	85 (105)

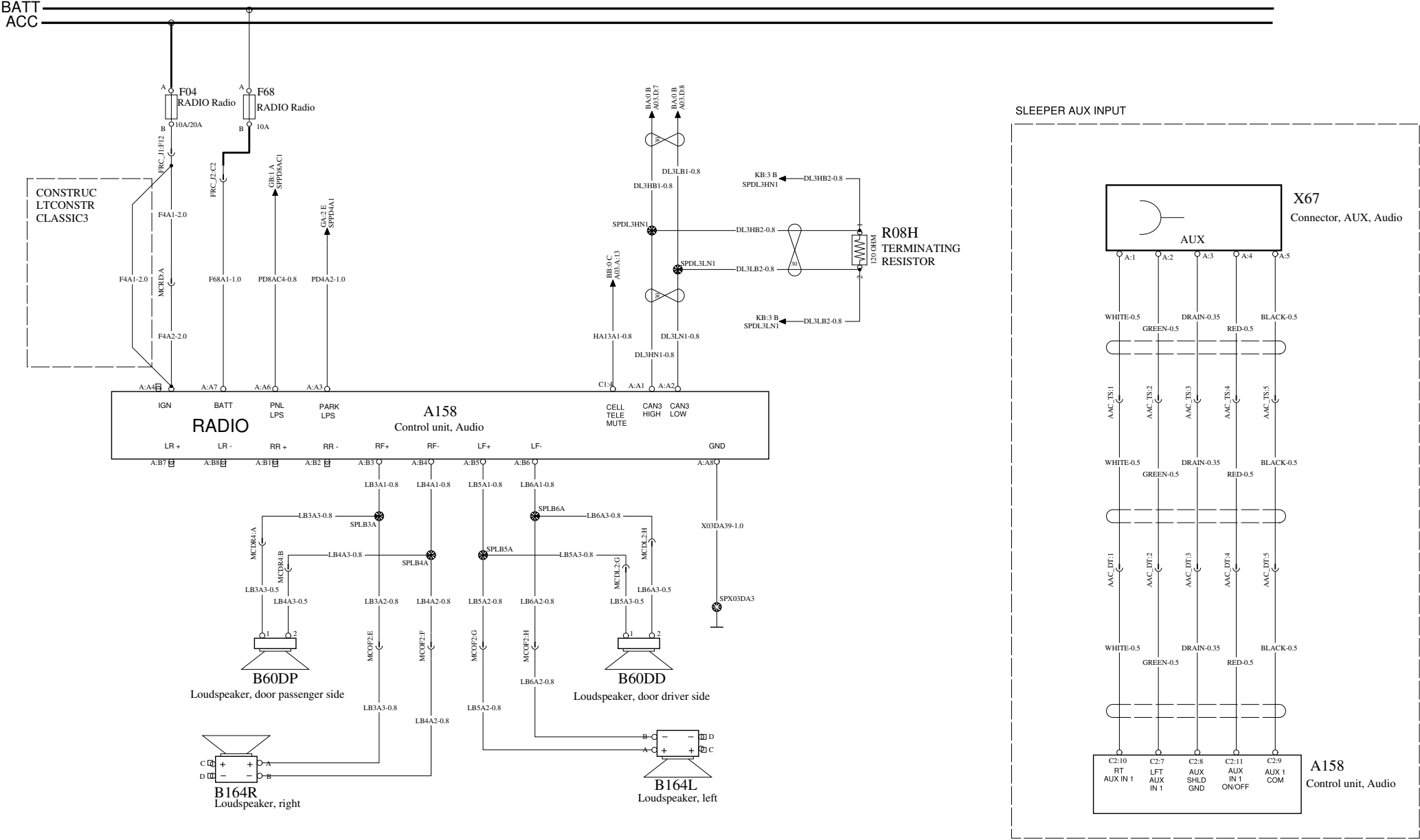
LANE DEPARTURE WARNING - 70 " SLEEPER

WIRING DIAGRAM: JH



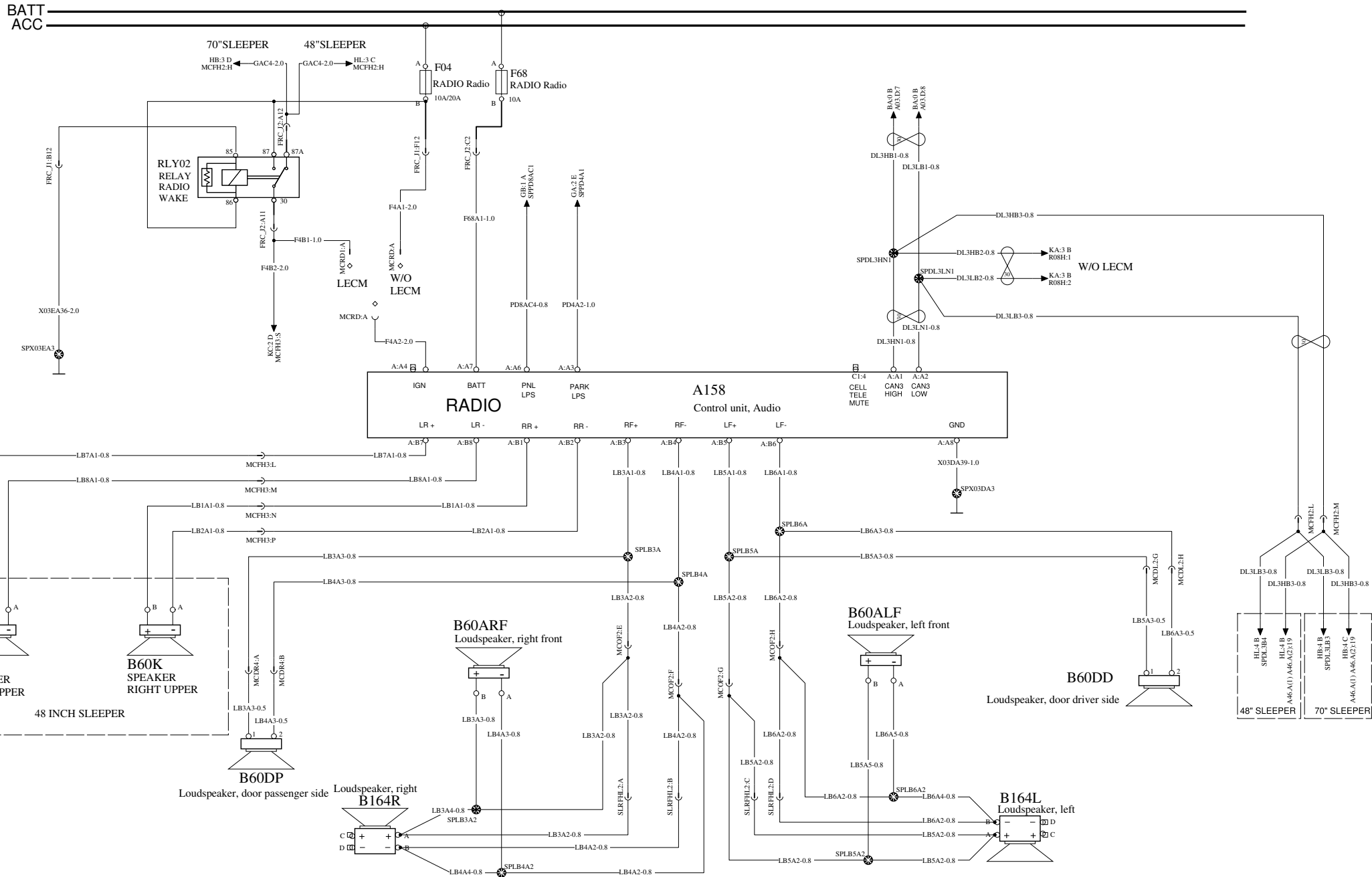
AUDIO SYSTEM - DAYCAB

WIRING DIAGRAM: KA



AUDIO SYSTEM - SLEEPERS

WIRING DIAGRAM: KB



Volvo Truck Corporation

Document title
WIRING DIAGRAM, 12V MACK CONVENTIONAL

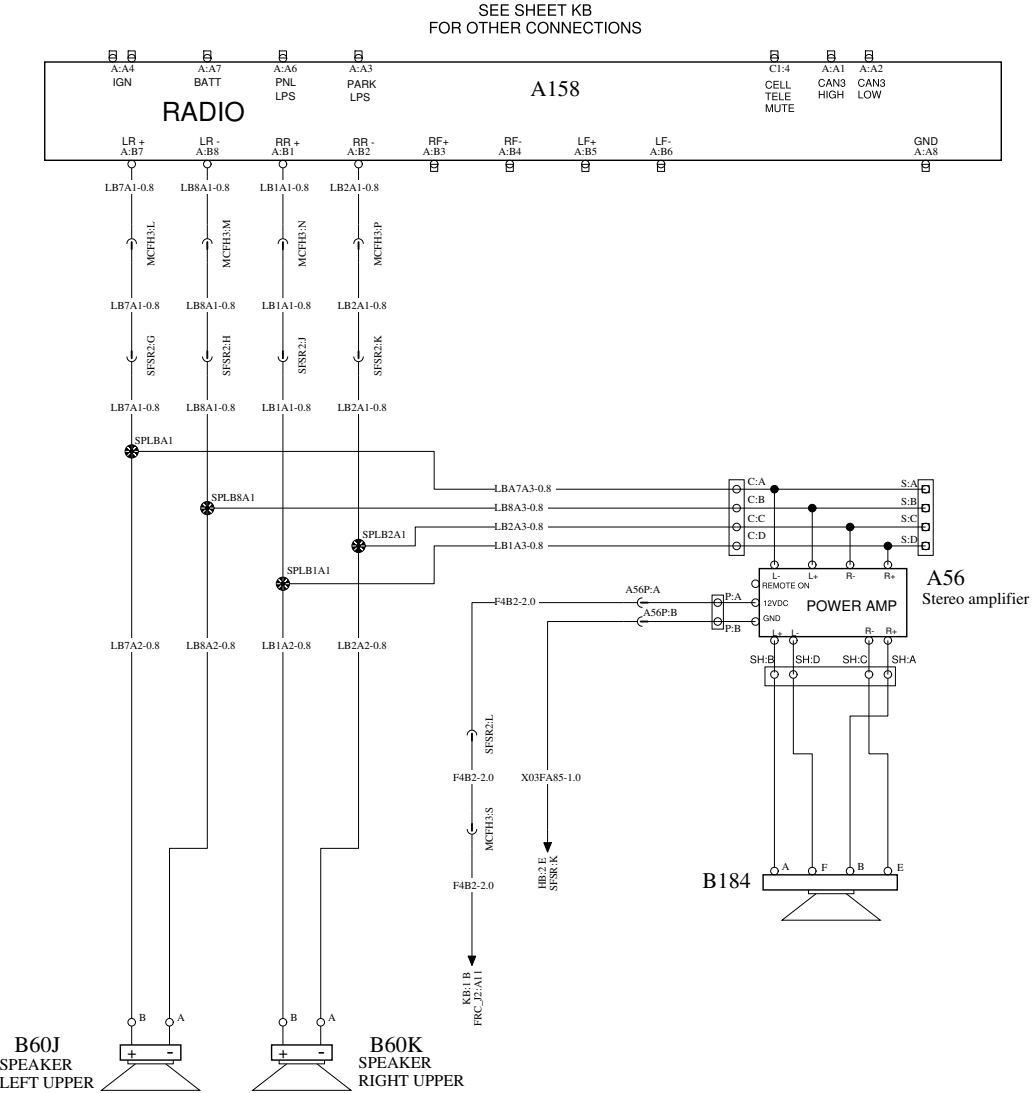
Document type
PRODUCT SCHEMATIC

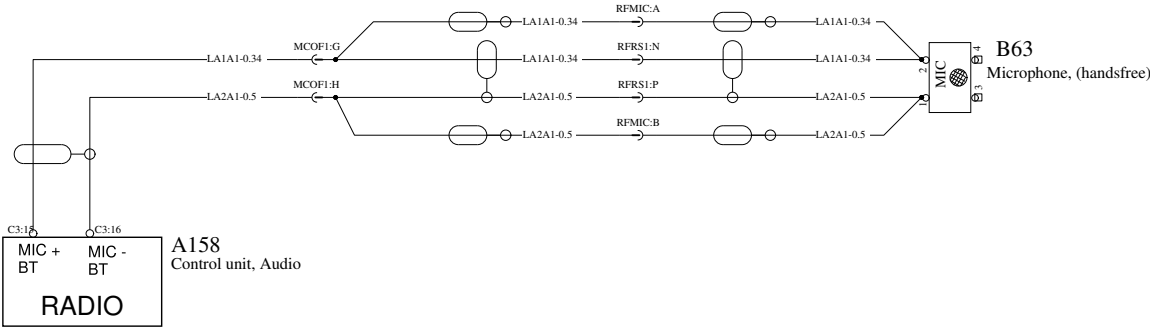
Document No
23970505

Issue
04

Volume
1 (1)

Page
88 (105)

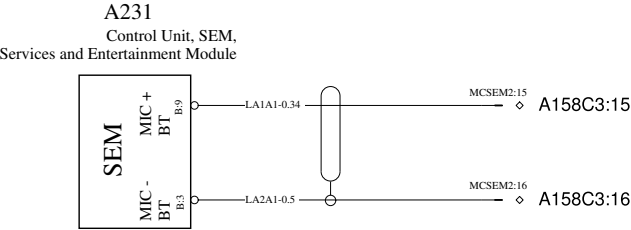
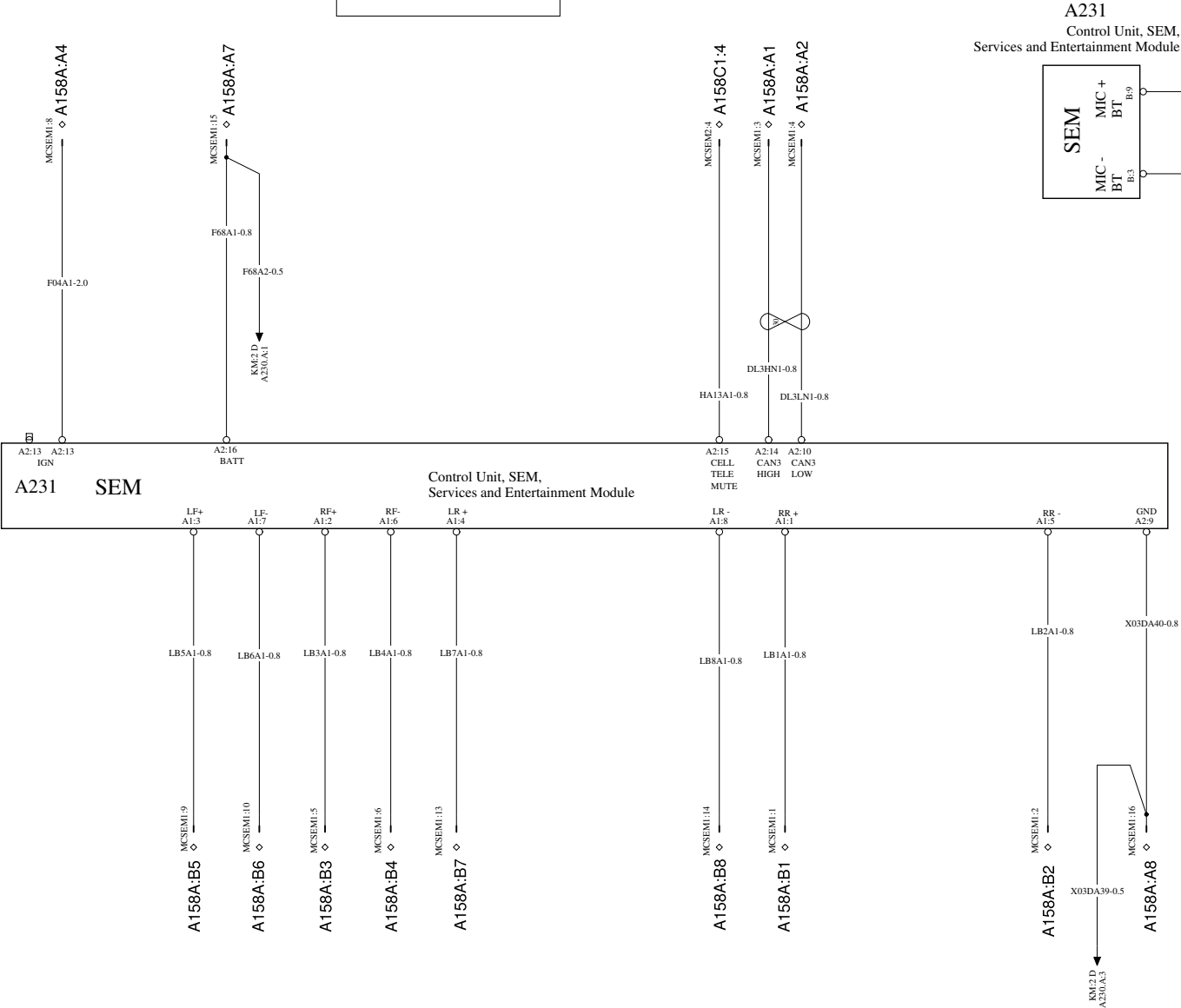




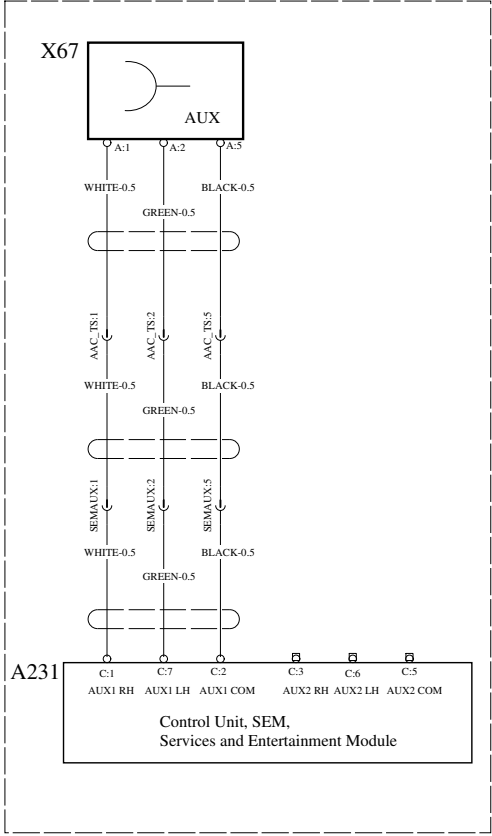
INFOTAINMENT AUDIO SYSTEM 1/2

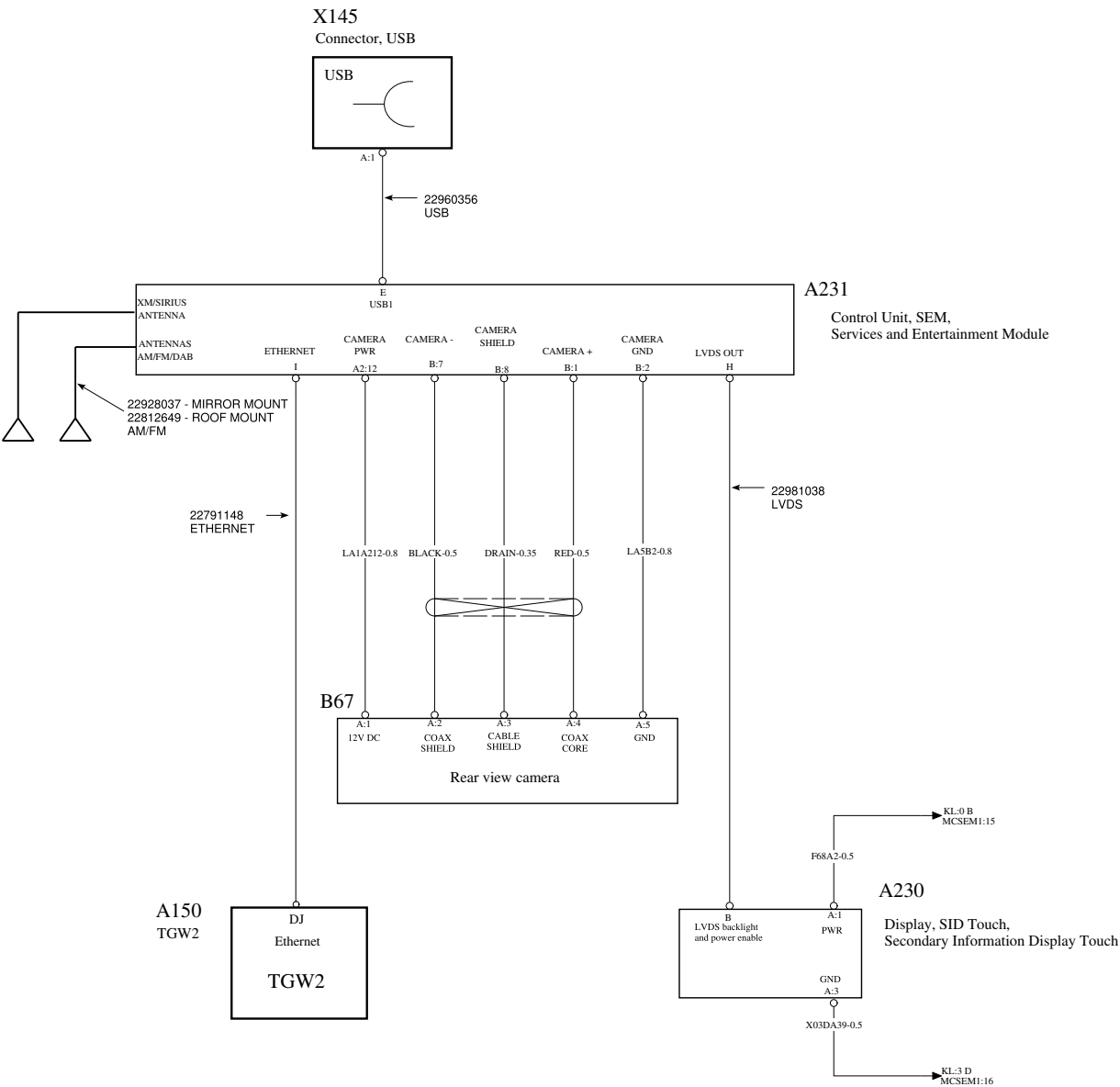
WIRING DIAGRAM: KL

FOR CONNECTIONS TO
MAIN CAB SEE AUDIO
SYSTEM SCHEMATICS



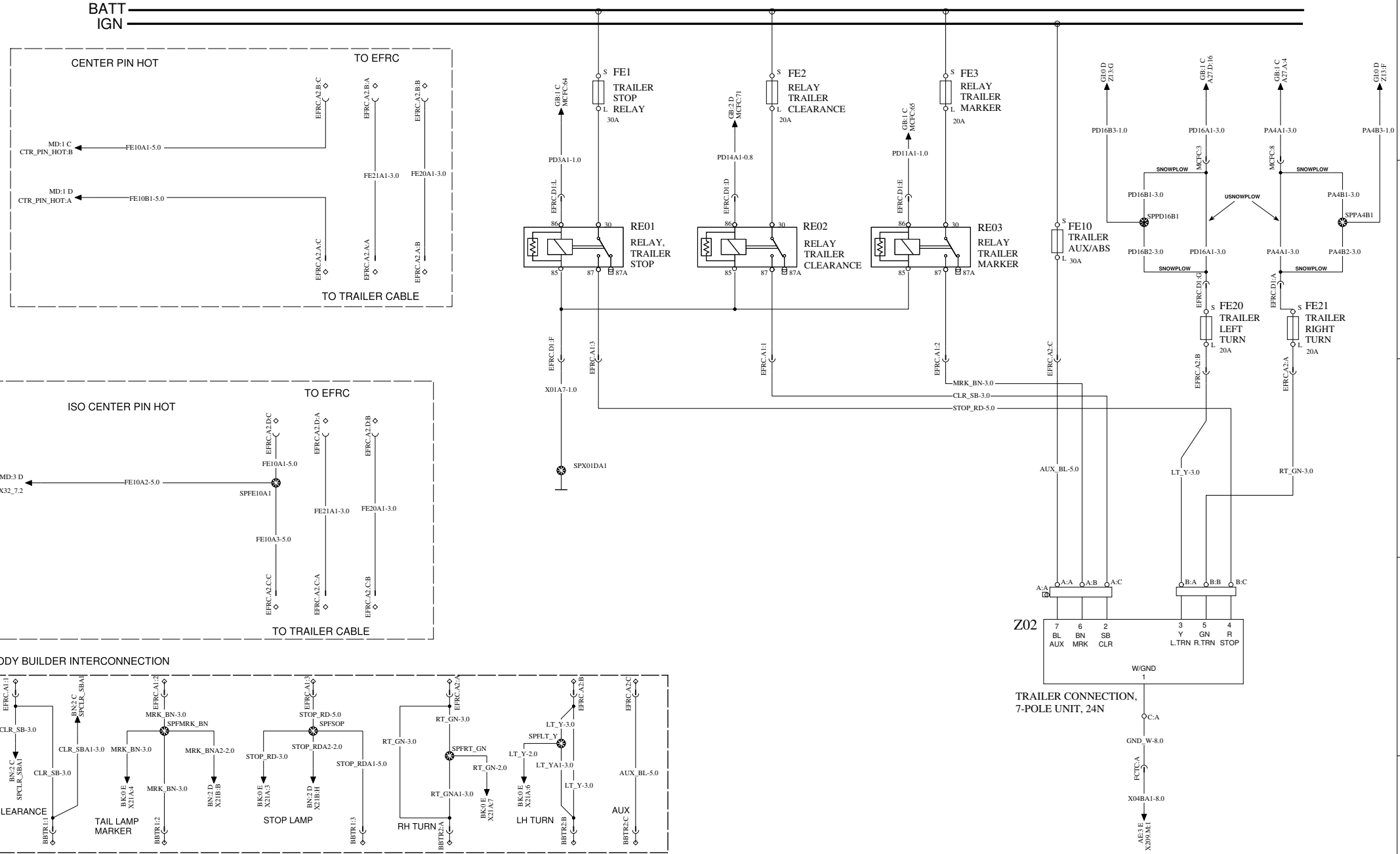
SLEEPER AUX INPUT

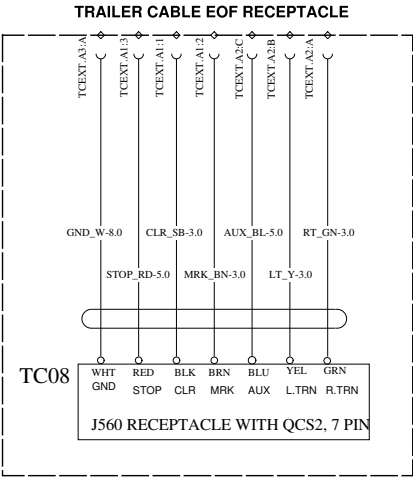
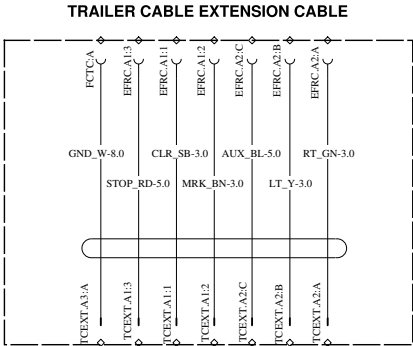




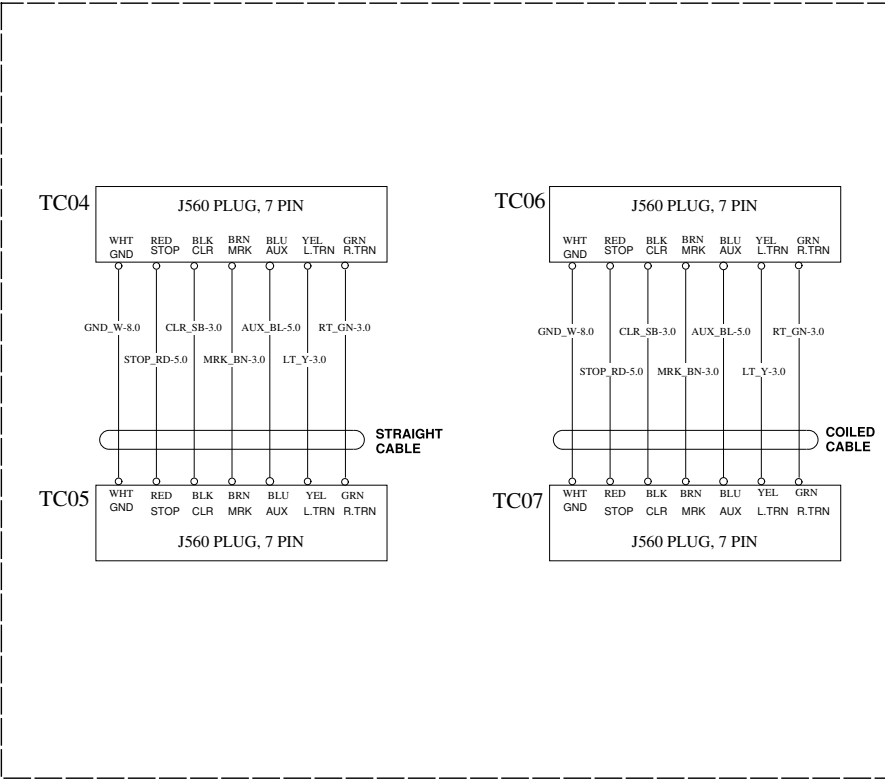
TRAILER CABLE

WIRING DIAGRAM: MA

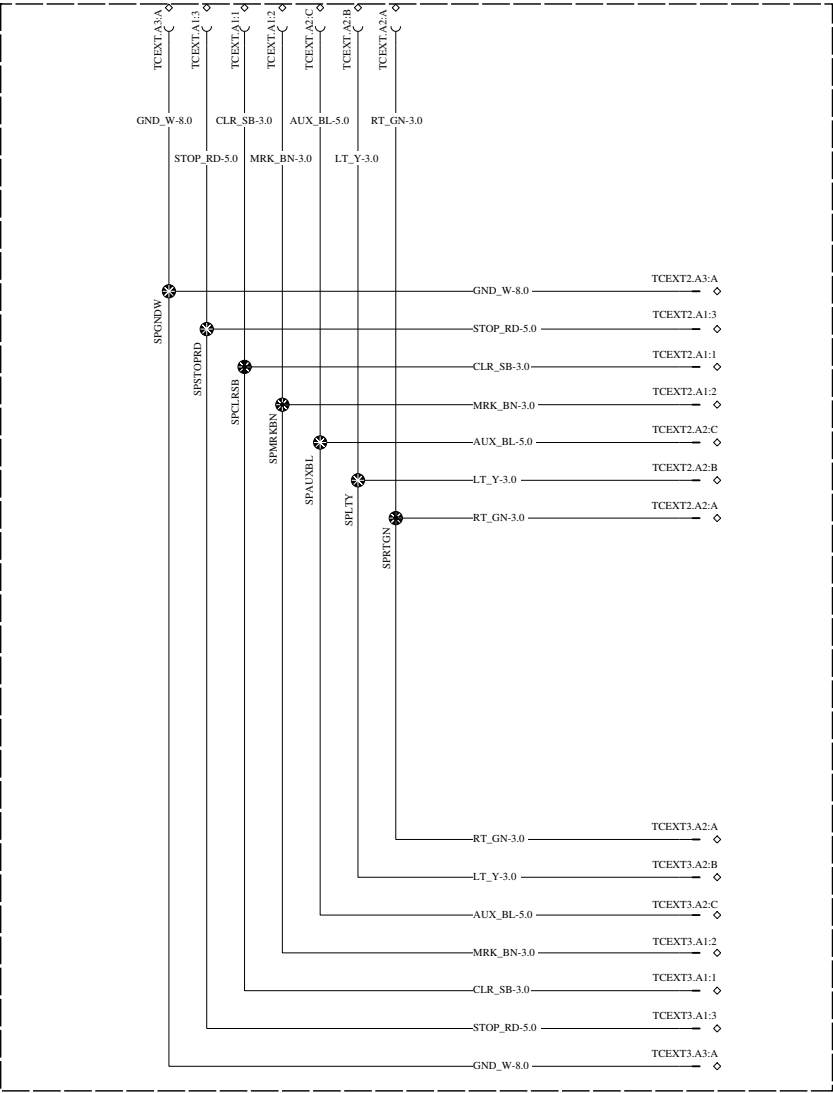




DETACHABLE TRAILER CABLES
STRAIGHT / COILED

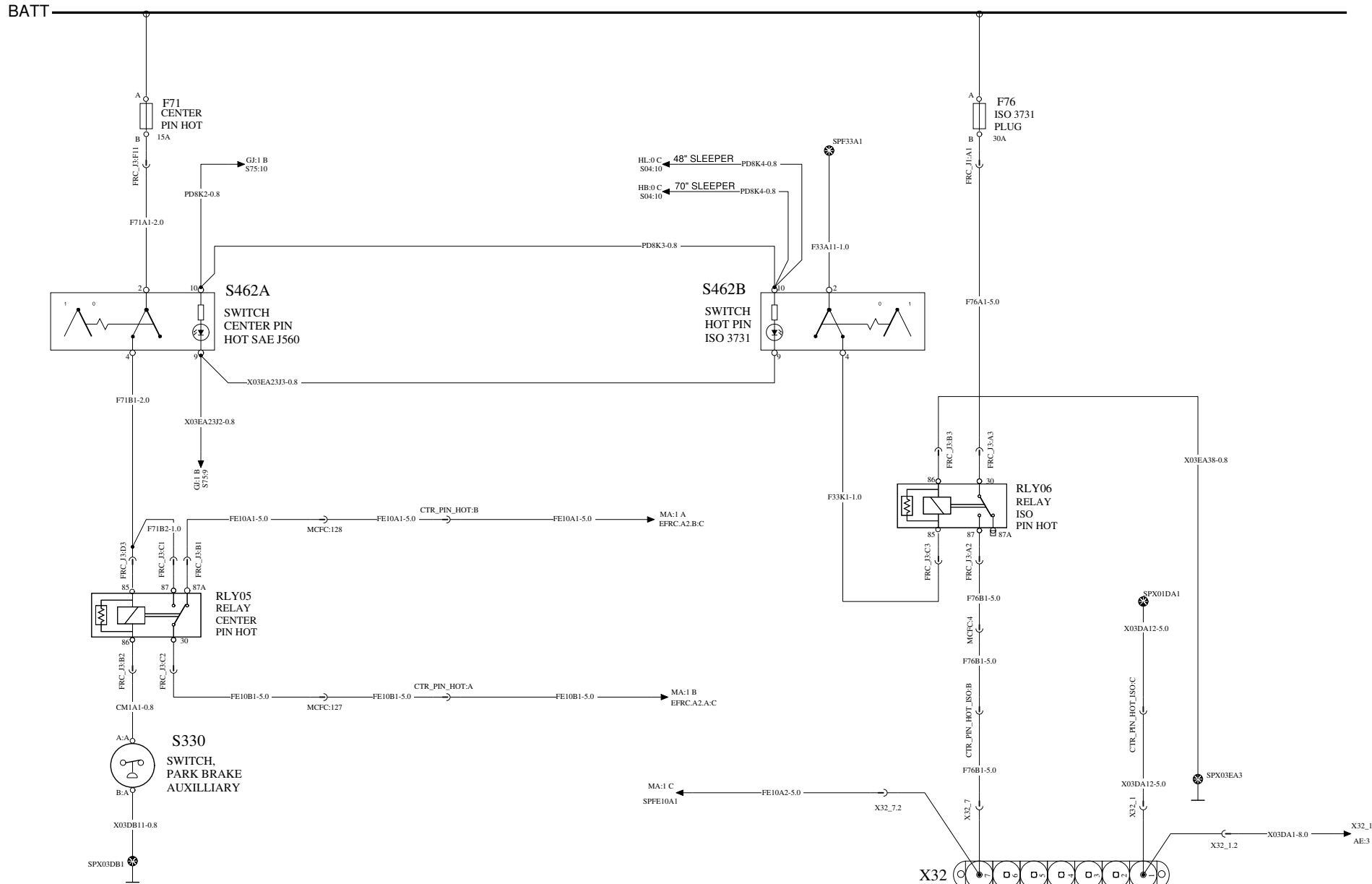


TRAILER CABLE BODY BUILDER
"Y" END OPTION



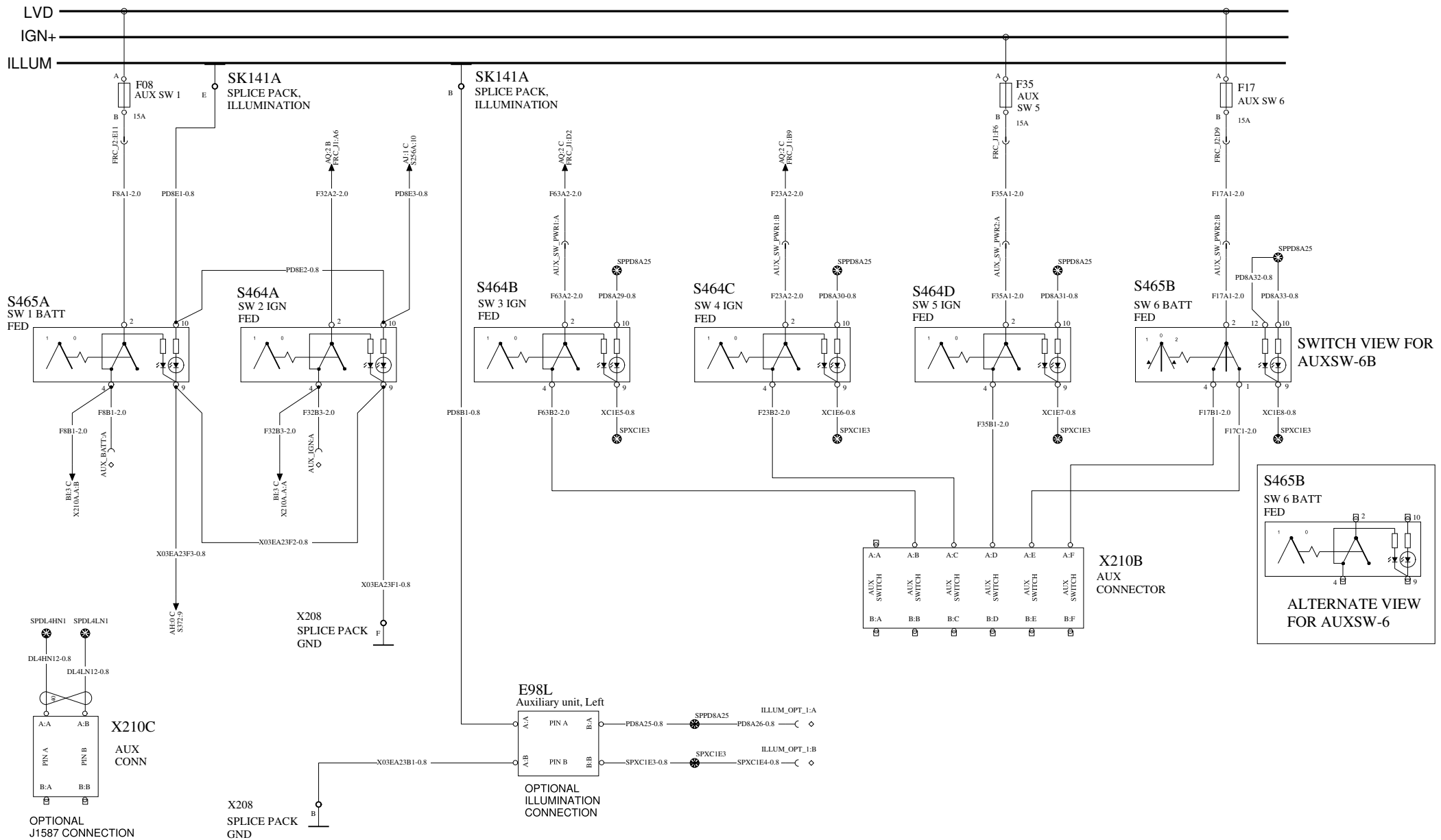
CENTER PIN HOT

WIRING DIAGRAM: MD



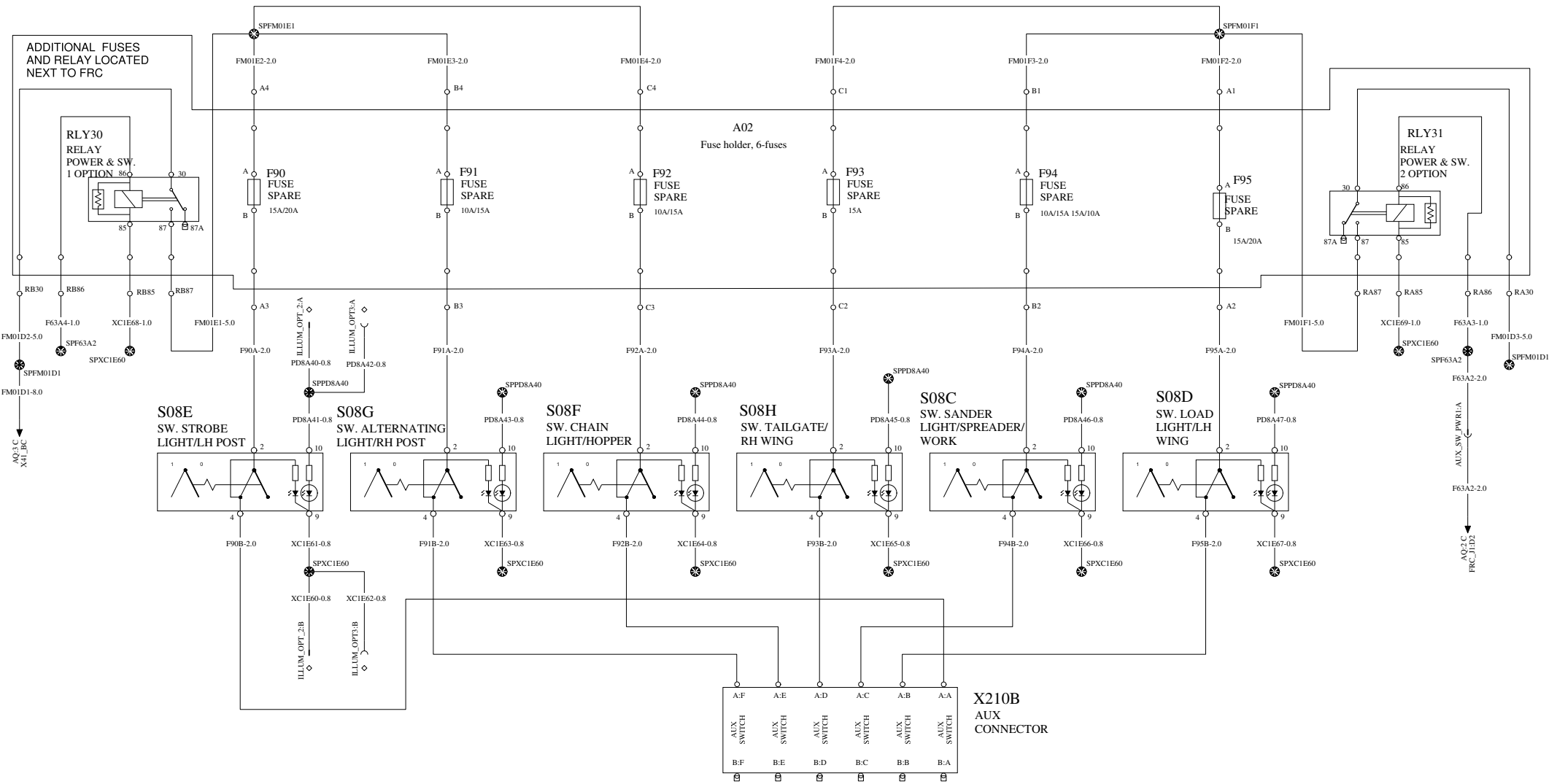
SPARE SWITCHES AND AUXSW-6 OPTION

WIRING DIAGRAM: NA



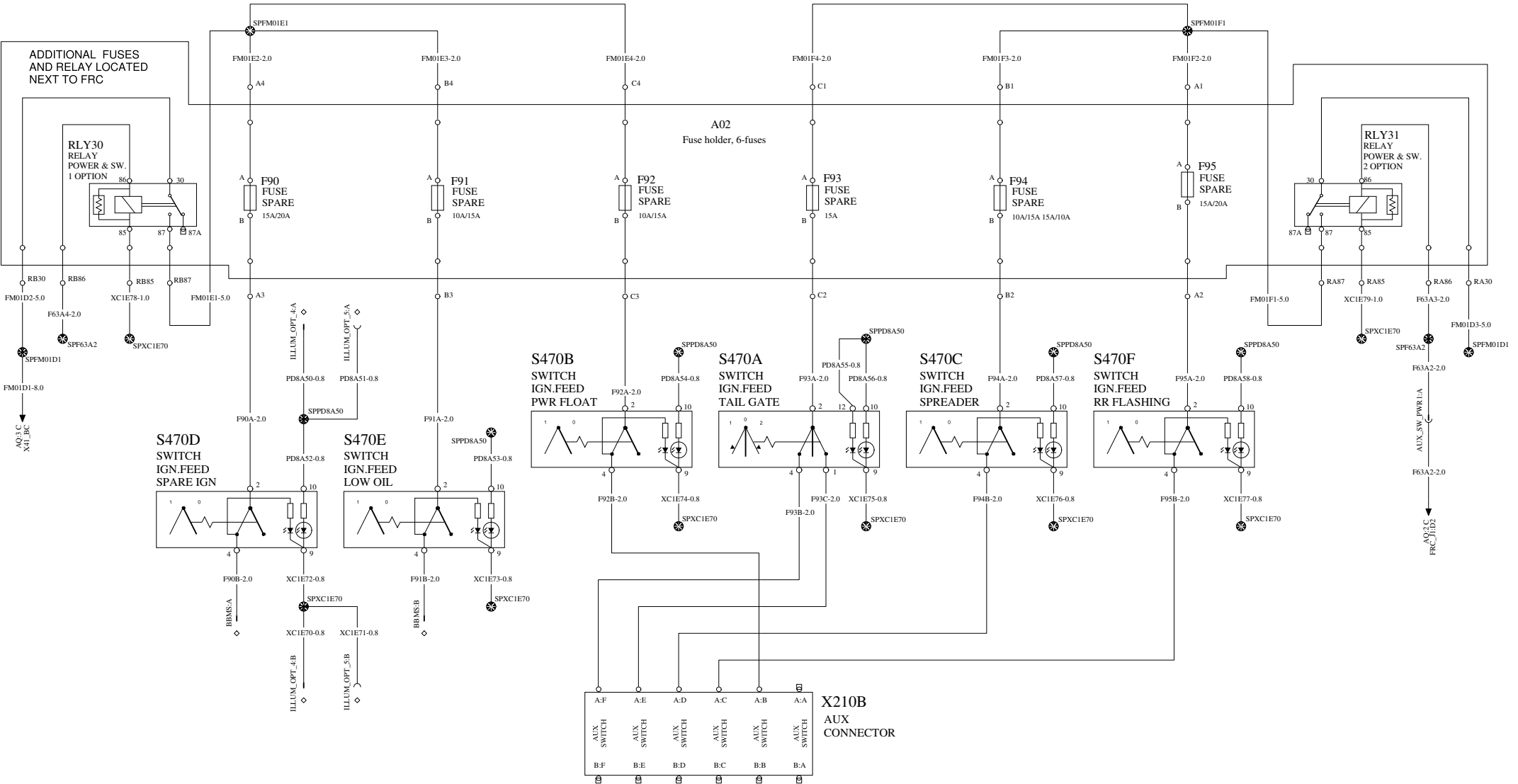
SPARE SWITCHES - AUXS-8BB

WIRING DIAGRAM: NB



SPARE SWITCHES - BBM-PK16

WIRING DIAGRAM: NC



	0	1	2	3	4
A	TAILGATE LIFT POWER		WIRING DIAGRAM : ND		
B	<pre>graph TD G01[G01 Battery] --- RD-B-19.0[RD-B-19.0] --- X62A[X62A CONNECTOR LIFT GATE] X62A --- XF1-19.0[XF1-19.0] --- FEM03B[FEM03B CIRCUIT BREAKER LIFT GATE] FEM03B --- XF1-2:A[XF1-2:A] --- X01F[X01F FRAME RAIL GROUND STUD]</pre>				
C					
D					
E	Volvo Truck Corporation		Document title WIRING DIAGRAM, 12V MACK CONVENTIONAL	Document No 23970505	Issue 04
			Document type PRODUCT SCHEMATIC	Volume 1 (1)	Page 100 (105)
	0	1	2	3	4

A
F80
DIAGNOSTIC
CONN
B
10A
FRC J1:EI



