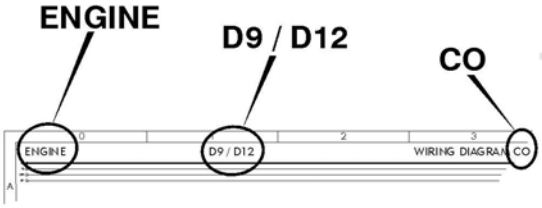
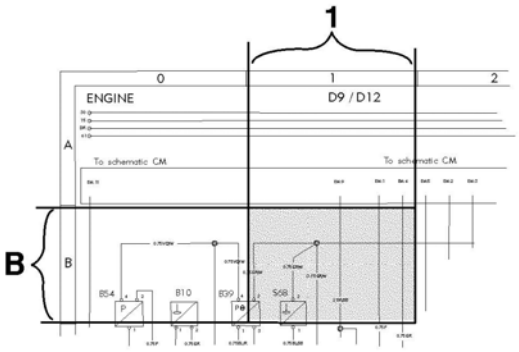
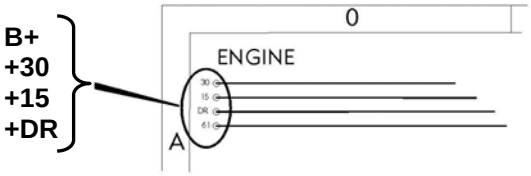
Example of wiring diagram



Component wiring diagram title, variant/subtitle and symbol.

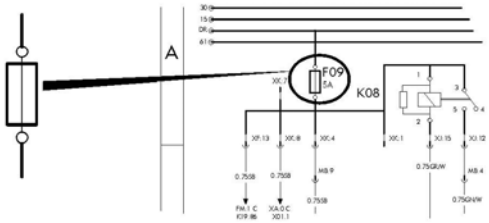


Coordinates (B 1).

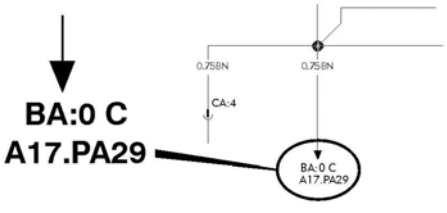


B+ Voltage battery with switch in ON position.
30 Voltage battery with main switch on, kl.30.
15 Voltage with starter key in drive position, kl.15.
DR Voltage with starter key in drive position, preheat position and start position, kl.DR.

Splice.



Fuse.



Reference arrow, for diagram BA, coordinates 0 C, component A17, connector PA pin 29.

Document Title
WIRING DIAGRAM
B5, B7, B9, B12
FOR BODY8500/7900/8900

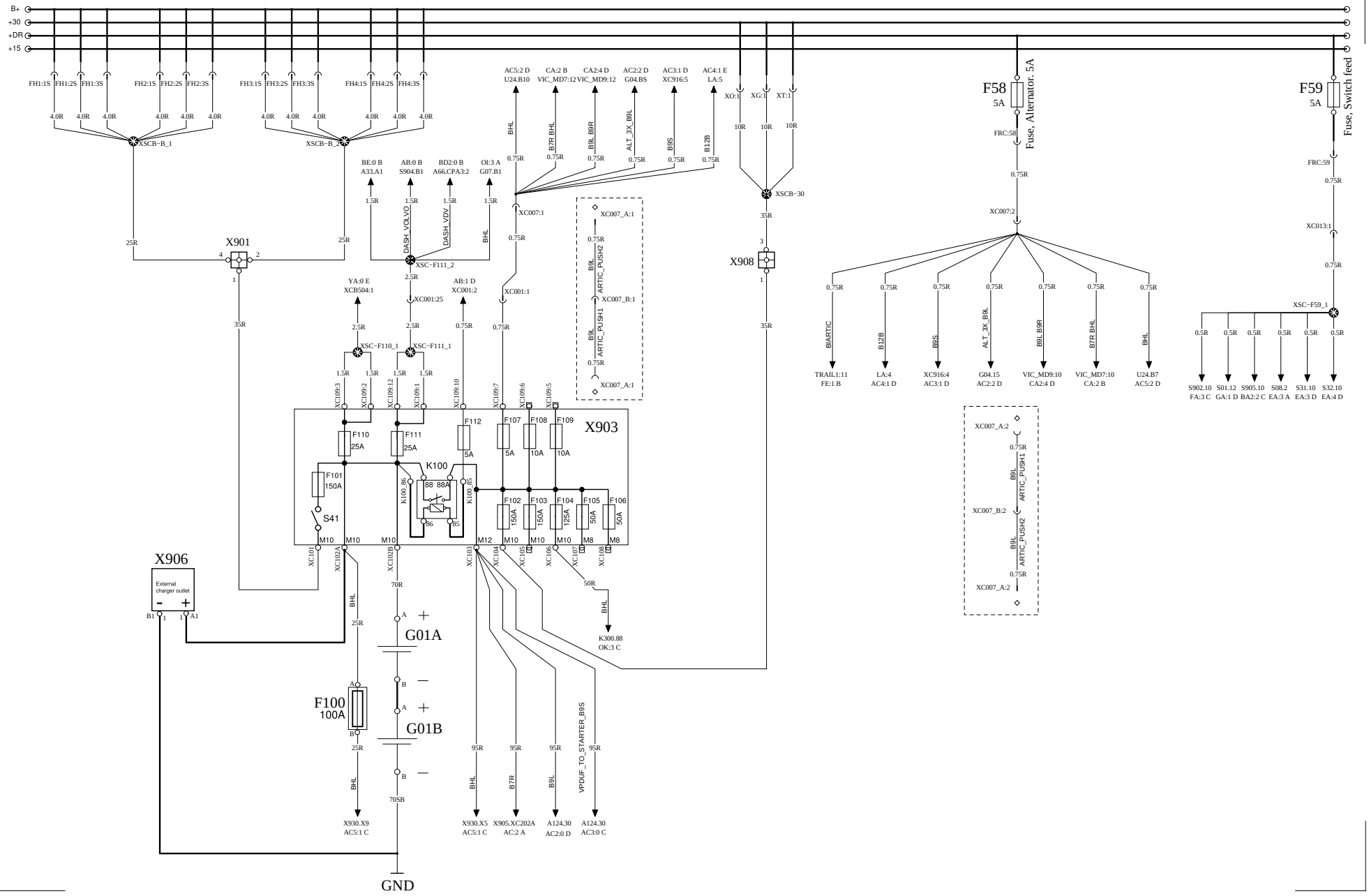
VOLVO

Volvo Bus Corporation

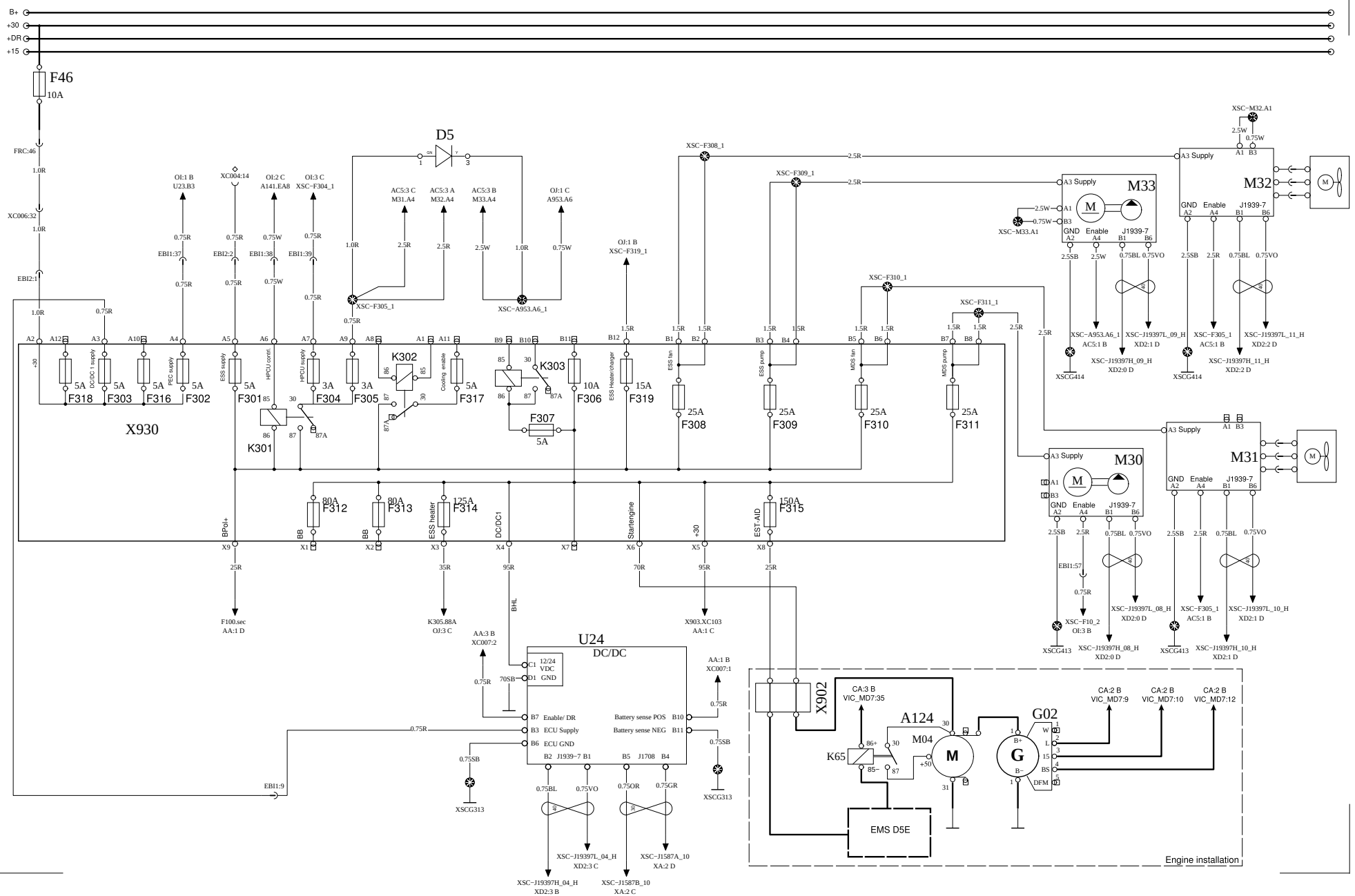
Document Type
PRODUCT SCHEMATIC

Owner Domain:Document Prefix
Volvo Bus Corporation

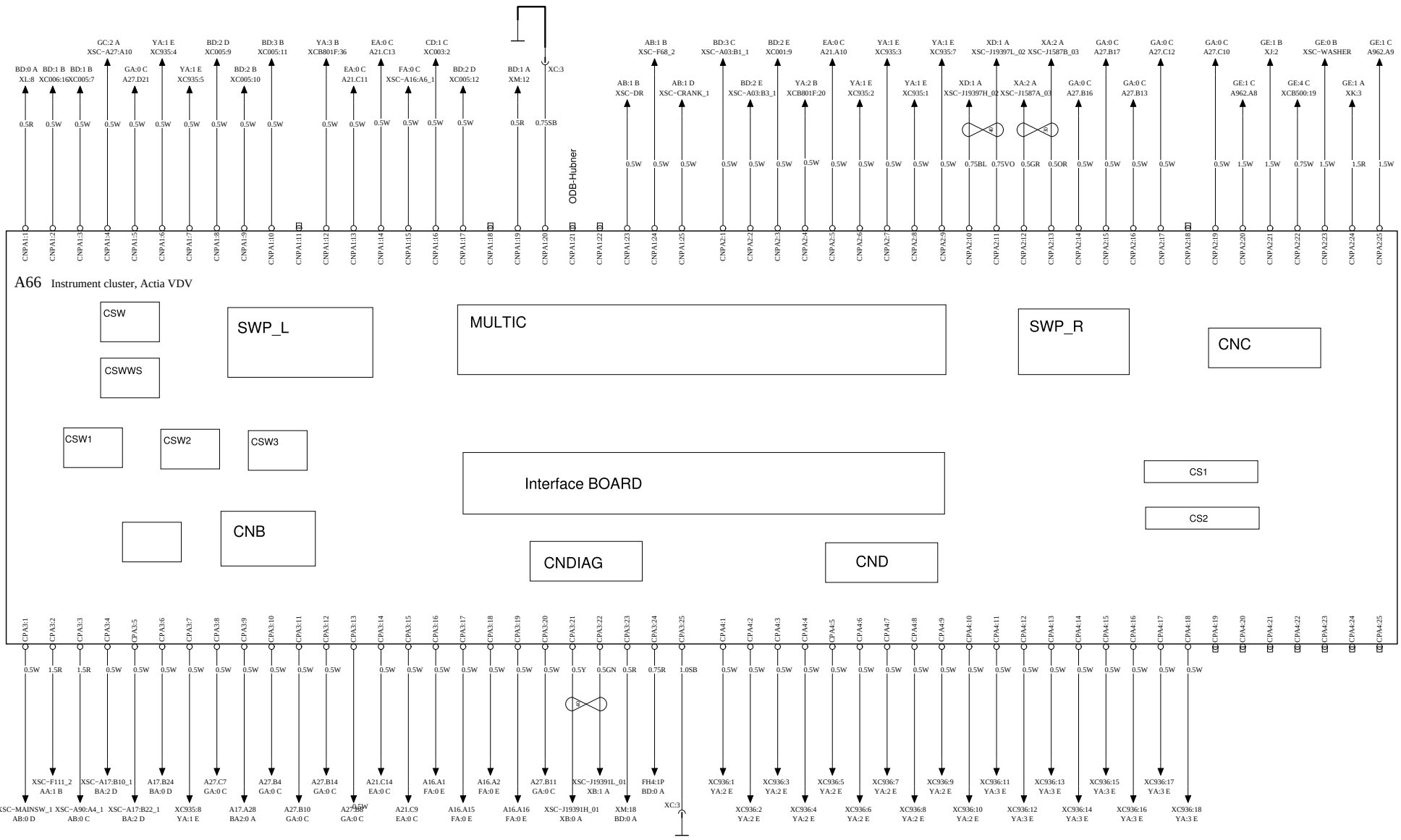
Document No	Issue Index	Volume No	Page No
70399300	**08**	01(02)	**2(67)**

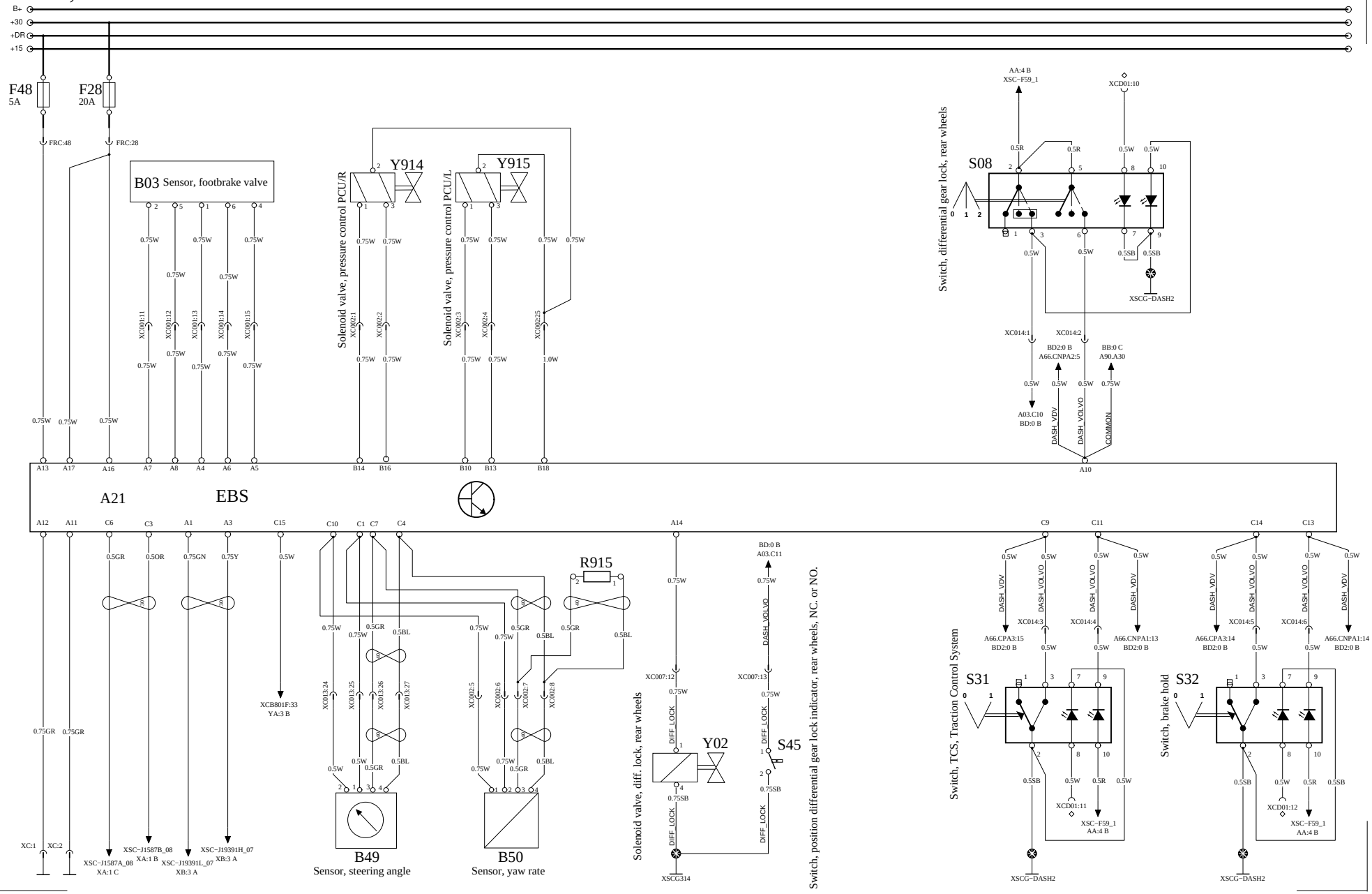


VOLVO Volvo Bus Corporation	Document title: WIRING DIAGRAM AA Document type: PRODUCT SCHEMATIC	Document No: 70399300	Issue: 08	Volume: 01	Page: 06(67)

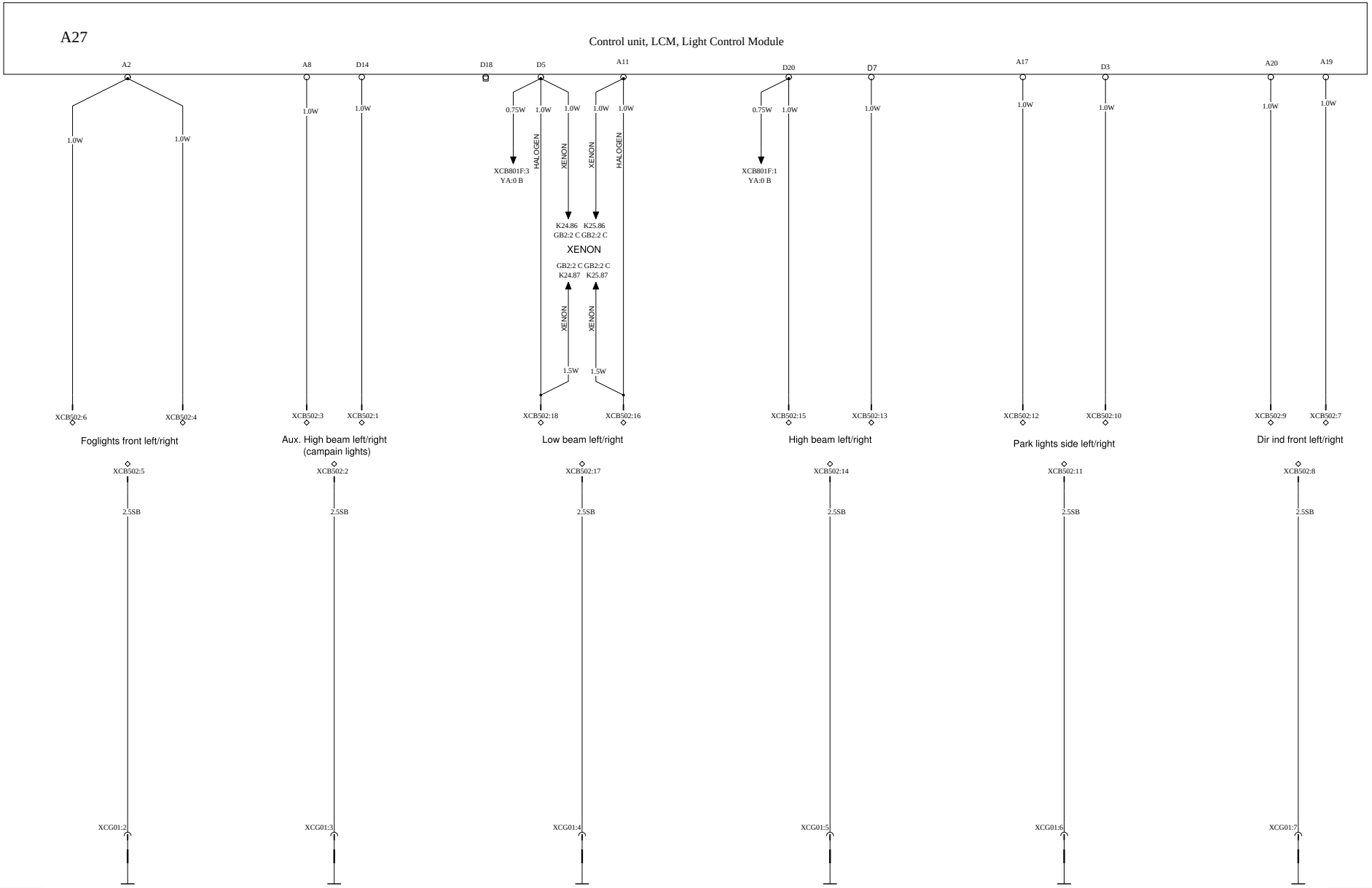


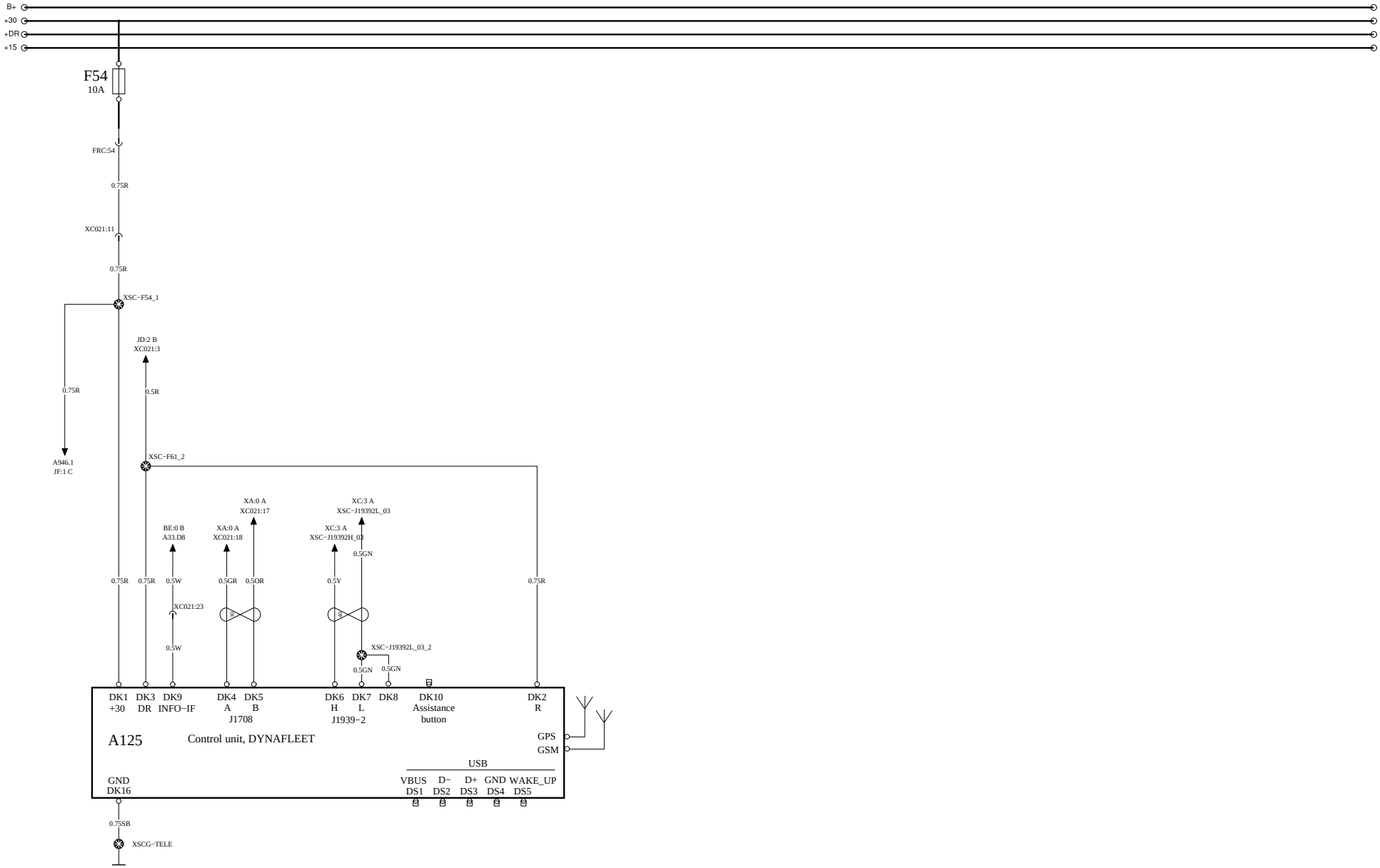
VOLVO Volvo Bus Corporation	Document title: WIRING DIAGRAM AC5	Document No	Issue	Volume	Page
	Document type: PRODUCT SCHEMATIC	70399300	08	01	12(67)


A66 Instrument cluster, Actia VDV
CSW
CSWWS
SWP_L
MULTIC
SWP_R
CNC
CSW1
CSW2
CSW3
Interface BOARD
CS1
CS2
CNB
CNDIAG
CND
ODB-Hubner

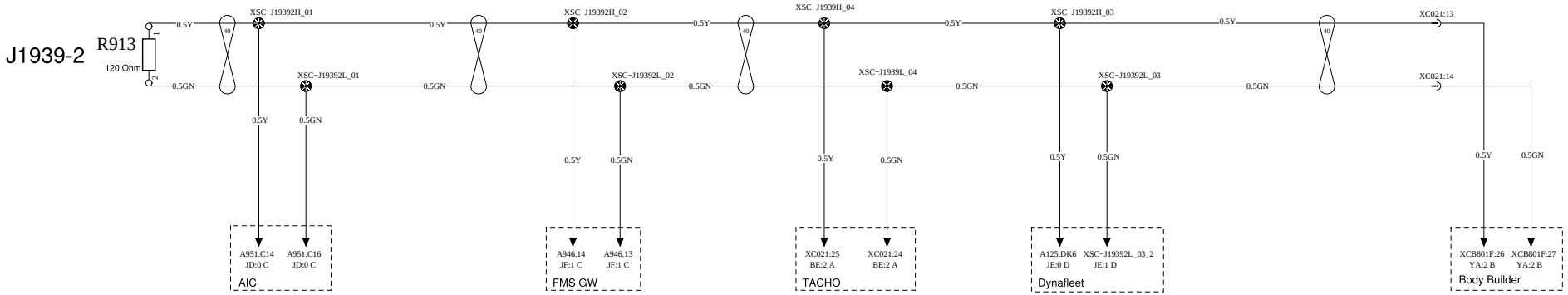


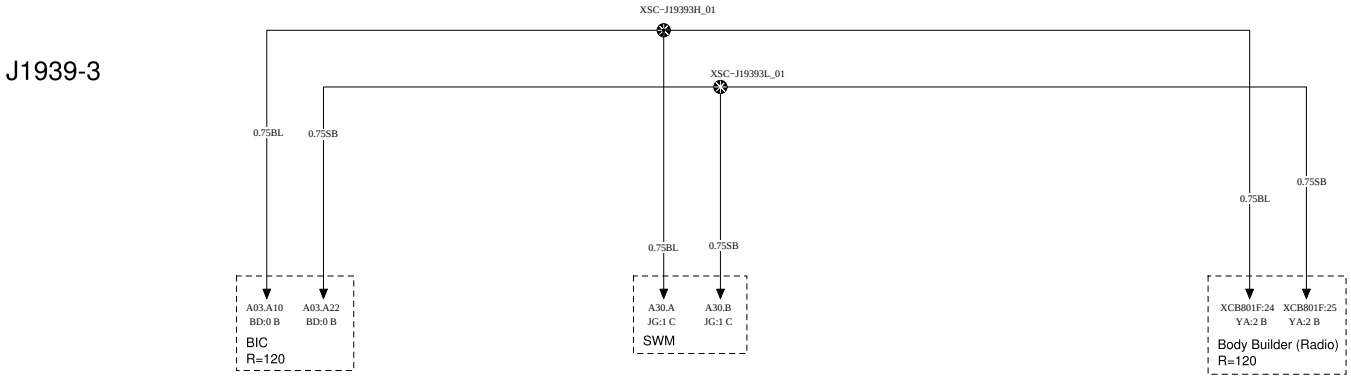
VOLVO Volvo Bus Corporation	Document title: WIRING DIAGRAM EA Document type: PRODUCT SCHEMATIC	Document No: 70399300	Issue: 08	Volume: 01	Page: 31(67)


A27
Control unit, LCM, Light Control Module
A2
A8
D14
D18
D5
A11
D20
D7
A17
D3
A20
A19
1.0W
0.75W
HALOGEN
XENON
XCB801F:3
YA:0 B
XCB801F:1
YA:0 B
K24.86
GB2:2 C
K25.86
GB2:2 C
XENON
K24.87
K25.87
1.5W
XCB502:6
XCB502:4
XCB502:3
XCB502:1
XCB502:18
XCB502:16
XCB502:15
XCB502:13
XCB502:12
XCB502:10
XCB502:9
XCB502:7
Foglights front left/right
Aux. High beam left/right
(campain lights)
Low beam left/right
High beam left/right
Park lights side left/right
Dir ind front left/right
XCB502:5
XCB502:2
XCB502:17
XCB502:14
XCB502:11
XCB502:8
2.5SB
XCG01:2
XCG01:3
XCG01:4
XCG01:5
XCG01:6
XCG01:7



VOLVO Volvo Bus Corporation	Document title: WIRING DIAGRAM JE Document type: PRODUCT SCHEMATIC	Document No: 70399300	Issue: 08	Volume: 01	Page: 52(67)


J1939-2
R913
120 Ohm
XSC−J19392H_01
XSC−J19392H_02
XSC−J1939H_04
XSC−J19392H_03
XC021:13
XC021:14
XSC−J19392L_01
XSC−J19392L_02
XSC−J1939L_04
XSC−J19392L_03
0.5Y
0.5GN
A951.C14 JD:0 C
A951.C16 JD:0 C
AIC
A946.14 JF:1 C
A946.13 JF:1 C
FMS GW
XC021:25 BE:2 A
XC021:24 BE:2 A
TACHO
A125.DK6 JE:0 D
XSC−J19392L_03_2 JE:1 D
Dynafleet
XCB801F:26 YA:2 B
XCB801F:27 YA:2 B
Body Builder


J1939-3
XSC−J19393H_01
XSC−J19393L_01
0.75BL
0.75SB
A03.A10 BD:0 B
A03.A22 BD:0 B
BIC
R=120
A30.A JG:1 C
A30.B JG:1 C
SWM
XCB801F:24 YA:2 B
XCB801F:25 YA:2 B
Body Builder (Radio)
R=120

Part Name	Description	Location	Part Type
F06	Air dryer	{BA 0 B}	componentSymbol
F07	Fuse, VECU	{BA 0 B}	componentSymbol
F08	Fuse, BIC2/Tachograph/ODB	{BD 0 A}	componentSymbol
F10	Fuse, Hybrid enable signal	{OI 3 A}	componentSymbol
F11	Fuse, Transmission	{DA4 0 A} {DA 0 A}	componentSymbol
F12	Fuse, Transmission	{DA4 2 A} {DA 2 A}	componentSymbol
F13	Fuse, Wiper, Washer	{GE 1 A}	componentSymbol
F16	Fuse, Heater waterseparator relay	{BB 4 A}	componentSymbol
F18	Fuse, Horn	{GE 4 A}	componentSymbol
F20	Fuse, Alcolock, APBE	{JD 0 A}	componentSymbol
F22	Fuse, Bogie, AF-WE	{BB 3 A}	componentSymbol
F23	Fuse, ECS	{FA 4 A}	componentSymbol
F27	Fuse, Fuel heater	{AB 3 A}	componentSymbol
F28	Fuse, EBS	{EA 0 A}	componentSymbol
F30	Fuse, Ignition +15	{AB 4 A}	componentSymbol
F33	Fuse, Xenon light relays	{GB2 2 A}	componentSymbol
F34		{FB 2 A}	componentSymbol
F36	Fuse, Heater waterseparator	{BB 4 B}	componentSymbol
F37	Fuse, +15	{AB 3 A}	componentSymbol
F38	Fuse, LCM	{AB 3 A}	componentSymbol
F39	Fuse, FMS GW	{AB 3 A}	componentSymbol
F40	EECU	{BA 1 A}	componentSymbol
F41	EPG, Piston cooler, Fuel pump	{BA 2 A}	componentSymbol
F42	Fan clutch, Preheet relay	{BA 3 A}	componentSymbol
F43	Fuel cutoff relay	{BA 1 A}	componentSymbol
F44	Fuse, Windshield Wiper System	{GE 3 A}	componentSymbol
F45	Fuse, DNOX pipe heating relays	{CB 0 A}	componentSymbol
F46	Fuse, Hybrid systems	{AC5 0 A}	componentSymbol
F47	Fuse, DNOX pipe heating relays	{CB 0 A}	componentSymbol
F48	Fuse, EBS	{EA 0 A}	componentSymbol
F49	ECS	{FA 4 A}	componentSymbol
F50	Fuse	switchbox start/stop rear, 5A	{AB 4 A}
F51	Fuse, BBM	{BB 0 A}	componentSymbol
F53	Fuse, ZF Gearbox	{DA3 2 A} {DA2 1 A}	componentSymbol
F54	Fuse, Fynafleet/FMS/OBD2	{JE 0 A}	componentSymbol
F55	Fuse, BIO	{BC 1 A}	componentSymbol
F56	Fuse, VDV Steering wheel adj.	{BA 4 A}	componentSymbol
F57	Fuse, Gearbox ignition	{DA4 0 A} {DA3 0 A} {DA 0 A} {DA2 0 A}	componentSymbol
F58	Fuse, Alternator. 5A	{AA 3 A}	componentSymbol
F59	Fuse, Switch feed	{AA 4 A}	componentSymbol
F60	Fuse, Body DR	{YA 1 A}	componentSymbol
F61	Fuse, Infotainment	{JD 2 A}	componentSymbol
F62	Fuse, hydraulic oil level	{BD 2 A}	componentSymbol
F63	Fuse, FTM/BIO	{BC 0 A}	componentSymbol

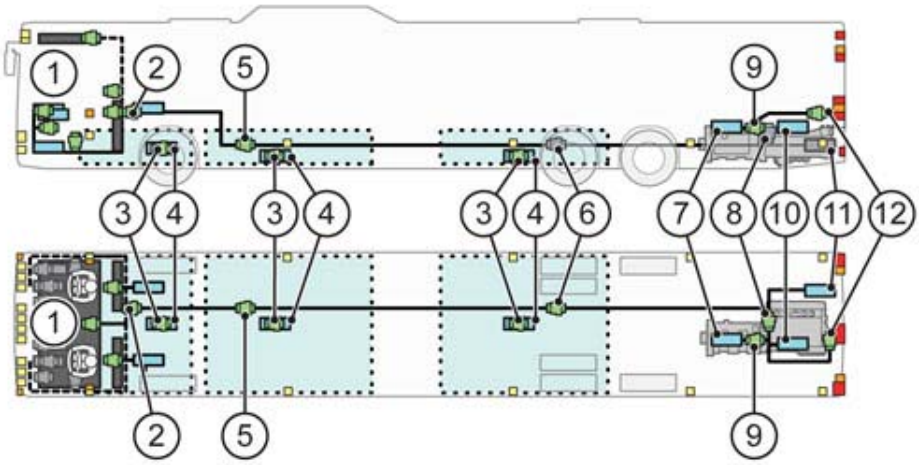
Part Name	Description	Location	Part Type
VIC_MD7:16		{CA 2 B}	inline_connector
VIC_MD7:17		{CA 3 B}	inline_connector
VIC_MD7:18		{CA 1 B}	inline_connector
VIC_MD7:19		{CA 3 C}	inline_connector
VIC_MD7:20		{CA 1 B}	inline_connector
VIC_MD7:21		{CA 0 B}	inline_connector
VIC_MD7:22		{CA 3 D}	inline_connector
VIC_MD7:23		{CA 4 C}	inline_connector
VIC_MD7:24		{CA 3 D}	inline_connector
VIC_MD7:25		{CA 3 C}	inline_connector
VIC_MD7:26		{CA 3 D}	inline_connector
VIC_MD7:27		{CA 0 D}	inline_connector
VIC_MD7:28		{CA 1 B}	inline_connector
VIC_MD7:29		{CA 4 C}	inline_connector
VIC_MD7:30		{CA 1 B}	inline_connector
VIC_MD7:31		{CA 0 D}	inline_connector
VIC_MD7:32		{CA 2 B}	inline_connector
VIC_MD7:33		{CA 0 D}	inline_connector
VIC_MD7:34		{CA 4 D}	inline_connector
VIC_MD7:35		{CA 3 B}	inline_connector
VIC_MD7:36		{CA 4 D}	inline_connector
VIC_MD7:37		{CA 0 B}	inline_connector
VIC_MD7:38		{CA 4 C}	inline_connector
VIC_MD7:39		{CA 0 D}	inline_connector
VIC_MD9:1		{CA2 2 B}	inline_connector
VIC_MD9:2		{CA2 2 B}	inline_connector
VIC_MD9:3		{CA2 3 B}	inline_connector
VIC_MD9:4		{CA2 3 B}	inline_connector
VIC_MD9:5		{CA2 2 B}	inline_connector
VIC_MD9:6		{CA2 3 B}	inline_connector
VIC_MD9:7		{CA2 0 B}	inline_connector
VIC_MD9:8		{CA2 1 B}	inline_connector
VIC_MD9:9		{CA2 3 D}	inline_connector
VIC_MD9:10		{CA2 4 D}	inline_connector
VIC_MD9:11		{CA2 4 D}	inline_connector
VIC_MD9:12		{CA2 4 D}	inline_connector
VIC_MD9:13		{CA2 0 B}	inline_connector
VIC_MD9:14		{CA2 4 B}	inline_connector
VIC_MD9:15		{CA2 0 B}	inline_connector
VIC_MD9:16		{CA2 4 B}	inline_connector
VIC_MD9:17		{CA2 3 D}	inline_connector
VIC_MD9:18		{CA2 1 B}	inline_connector
VIC_MD9:21		{CA2 0 B}	inline_connector
VIC_MD9:22		{CA2 2 D} {CA2 1 D}	inline_connector
VIC_MD9:23		{CA2 2 D}	inline_connector
VIC_MD9:24		{CA2 2 D} {CA2 1 D}	inline_connector
VIC_MD9:25		{CA2 2 D}	inline_connector
VIC_MD9:26		{CA2 2 D} {CA2 1 D}	inline_connector
VIC_MD9:28		{CA2 1 B}	inline_connector

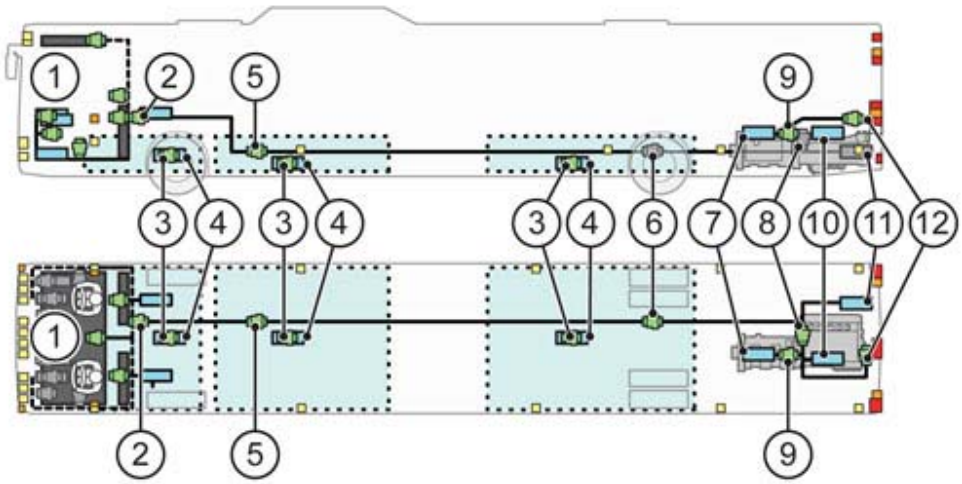
Part Name	Description	Location	Part Type
XC006:13		{BA 0 B}	inline_connector
XC006:14		{BD 2 E}	inline_connector
XC006:15		{BB 2 D}	inline_connector
XC006:16		{BD 1 B}	inline_connector
XC006:17		{OH 3 C}	inline_connector
XC006:18		{OH 3 C}	inline_connector
XC006:21		{FA 2 C}	inline_connector
XC006:22		{FA 1 C}	inline_connector
XC006:23		{FA 1 C}	inline_connector
XC006:24		{BC 1 C}	inline_connector
XC006:25		{BC 1 C}	inline_connector
XC006:26		{BC 1 C}	inline_connector
XC006:27		{BC 2 C}	inline_connector
XC006:28		{FA2 3 C}	inline_connector
XC006:29		{FA2 3 C}	inline_connector
XC006:30		{FA2 1 C}	inline_connector
XC006:31		{FA2 1 C}	inline_connector
XC006:32		{AC5 0 B}	inline_connector
XC006:33		{BA 0 C}	inline_connector
XC006:34		{BA 0 D}	inline_connector
XC006:35		{BC 2 B}	inline_connector
XC006:36		{OI 3 B}	inline_connector
XC006_A:6		{WA 2 C} {WA 2 B}	inline_connector
XC006_A:7		{WA 3 C} {WA 3 B}	inline_connector
XC006_A:8		{WA 3 A}	inline_connector
XC006_A:9		{WA 3 A}	inline_connector
XC006_A:10		{WA 2 A}	inline_connector
XC006_A:11		{BB 1 D}	inline_connector
XC006_A:12		{BB 2 D}	inline_connector
XC006_A:13		{BA 1 B}	inline_connector
XC006_A:14		{WA 1 B}	inline_connector
XC006_A:15		{BB 2 D}	inline_connector
XC006_A:21		{FA 3 B}	inline_connector
XC006_A:22		{FA 3 B}	inline_connector
XC006_A:23		{FA 3 B}	inline_connector
XC006_A:28		{FA3 4 C}	inline_connector
XC006_A:29		{FA3 4 C}	inline_connector
XC006_A:30		{FA3 1 C}	inline_connector
XC006_A:31		{FA3 2 C}	inline_connector
XC006_B:6		{WA 2 B}	inline_connector
XC006_B:7		{WA 3 B}	inline_connector
XC006_B:11		{FB 1 B}	inline_connector
XC006_B:12		{FB 1 B}	inline_connector
XC006_B:15		{FB 1 B}	inline_connector
XC007:1		{AA 1 B}	inline_connector
XC007:2		{AA 3 B}	inline_connector
XC007:3		{AB 2 D}	inline_connector
XC007:4		{AB 2 D}	inline_connector
XC007:5		{AB 2 D}	inline_connector
XC007:6		{AB 2 C}	inline_connector

Part Name	Description	Location	Part Type
XCB603M:3		{BB 3 A}	inline_connector
XCB604M:1		{BB 1 C} {BB 1 C} {BB 0 C} {BB 1 C} {BB 0 C}	inline_connector
XCB604M:3		{BB 1 C} {BB 1 C} {BB 0 C} {BB 1 C} {BB 0 C}	inline_connector
XCB604N:1		{BB 1 C}	inline_connector
XCB604N:3		{BB 1 C}	inline_connector
XCB701R:1		{GD 1 D} {GD2 1 D} {GD2 1 B}	inline_connector
XCB701R:2		{GD 1 D} {GD2 1 D} {GD2 1 B}	inline_connector
XCB701R:3		{GD 0 D} {GD2 0 D} {GD2 0 B}	inline_connector
XCB701R:4		{GD 0 D} {GD2 0 D} {GD2 0 B}	inline_connector
XCB701R:5		{GD 0 D} {GD2 0 D} {GD2 0 B}	inline_connector
XCB701R:6		{GD 0 D} {GD2 0 D} {GD2 0 B}	inline_connector
XCB701R:7		{GD 2 D} {GD2 2 D} {GD2 2 B}	inline_connector
XCB701R:8		{GD 2 D} {GD2 2 D} {GD2 2 B}	inline_connector
XCB701R:9		{GD 2 D} {GD2 1 D} {GD2 1 B}	inline_connector
XCB701R:10		{GD 2 D} {GD2 1 D} {GD2 1 B}	inline_connector
XCB701R:11		{GD 1 D} {GD2 1 D} {GD2 1 B}	inline_connector
XCB701R:12		{GD 1 D} {GD2 1 D} {GD2 1 B}	inline_connector
XCB701R_A:1		{GD3 1 C} {GD3 1 D}	inline_connector
XCB701R_A:2		{GD3 1 E} {GD3 1 D}	inline_connector

Part Name	Description	Location	Part Type
XSC-J19391H_05		{XB 2 A}	physical_splice_connector
XSC-J19391H_06		{XB 3 A}	physical_splice_connector
XSC-J19391H_07		{XB 3 A}	physical_splice_connector
XSC-J19391H_08		{XB 4 A}	physical_splice_connector
XSC-J19391H_09		{XB 1 C}	physical_splice_connector
XSC-J19391L_01		{XB 1 A}	physical_splice_connector
XSC-J19391L_02		{XB 1 A}	physical_splice_connector
XSC-J19391L_03		{XB 2 A}	physical_splice_connector
XSC-J19391L_04		{XB 2 A}	physical_splice_connector
XSC-J19391L_05		{XB 3 A}	physical_splice_connector
XSC-J19391L_06		{XB 3 A}	physical_splice_connector
XSC-J19391L_07		{XB 3 A}	physical_splice_connector
XSC-J19391L_08		{XB 4 A}	physical_splice_connector
XSC-J19391L_09		{XB 2 D}	physical_splice_connector
XSC-J19392H_01		{XC 0 A}	physical_splice_connector
XSC-J19392H_02		{XC 1 A}	physical_splice_connector
XSC-J19392H_03		{XC 3 A}	physical_splice_connector
XSC-J19392L_01		{XC 0 A}	physical_splice_connector
XSC-J19392L_02		{XC 1 A}	physical_splice_connector
XSC-J19392L_03		{XC 3 A}	physical_splice_connector
XSC-J19392L_03_2		{JE 1 D}	physical_splice_connector
XSC-J19393H_01		{XC 1 C}	physical_splice_connector
XSC-J19393L_01		{XC 1 D}	physical_splice_connector
XSC-J19397H_01		{XD 0 A}	physical_splice_connector
XSC-J19397H_02		{XD 1 A}	physical_splice_connector
XSC-J19397H_03		{XD 4 B}	physical_splice_connector
XSC-J19397H_03_H		{XD2 4 B}	physical_splice_connector
XSC-J19397H_04		{XD 2 D}	physical_splice_connector
XSC-J19397H_04_H		{XD2 3 B}	physical_splice_connector
XSC-J19397H_05		{XD 3 D}	physical_splice_connector
XSC-J19397H_05_H		{XD2 2 B}	physical_splice_connector
XSC-J19397H_06_H		{XD2 1 B}	physical_splice_connector
XSC-J19397H_07_H		{XD2 0 B}	physical_splice_connector
XSC-J19397H_08_H		{XD2 0 D}	physical_splice_connector
XSC-J19397H_09_H		{XD2 0 D}	physical_splice_connector
XSC-J19397H_10_H		{XD2 1 D}	physical_splice_connector
XSC-J19397H_11_H		{XD2 2 D}	physical_splice_connector
XSC-J19397H_12_H		{XD2 3 D}	physical_splice_connector
XSC-J19397L_01		{XD 0 A}	physical_splice_connector
XSC-J19397L_02		{XD 1 A}	physical_splice_connector
XSC-J19397L_03		{XD 4 B}	physical_splice_connector
XSC-J19397L_03_H		{XD2 4 C}	physical_splice_connector

Placement of intermediate connector pieces and control units on the chassis





Component	Description	Placement
		B12BLEA:14 – B
A65	Control unit compact retarder (RECU)	1 **electrical distribution unit/B12B 4x2**:10 – B
		1 **electrical distribution unit/B12B 6x2**:12 – B
		1 **electrical distribution unit/B12BLEA** :14 – B
A90	Control unit body builder (BBM)	1 **electrical distribution unit**
A105	Dynafleet (SIB)	1 – C
A900	Control unit gearbox VOITH	1 – C / 1 **electrical distribution unit**
A901	Control unit gearbox ZF	1 – C / 1 **electrical distribution unit**
A904	Control unit gearbox (EGS)	1 – C
A914	Control unit gearbox (TECU)	**B12B**: 9 – B
		B12B 6x2: 11 – B
		B12B LEA: 14 – B
B03	Sensor, brake pedal	1 – C
B04	Sensor, engine speed crankshaft	**B12B 4x2**:10 – B
		B12B 6x2:12 – B
		B12BLEA:14 – B