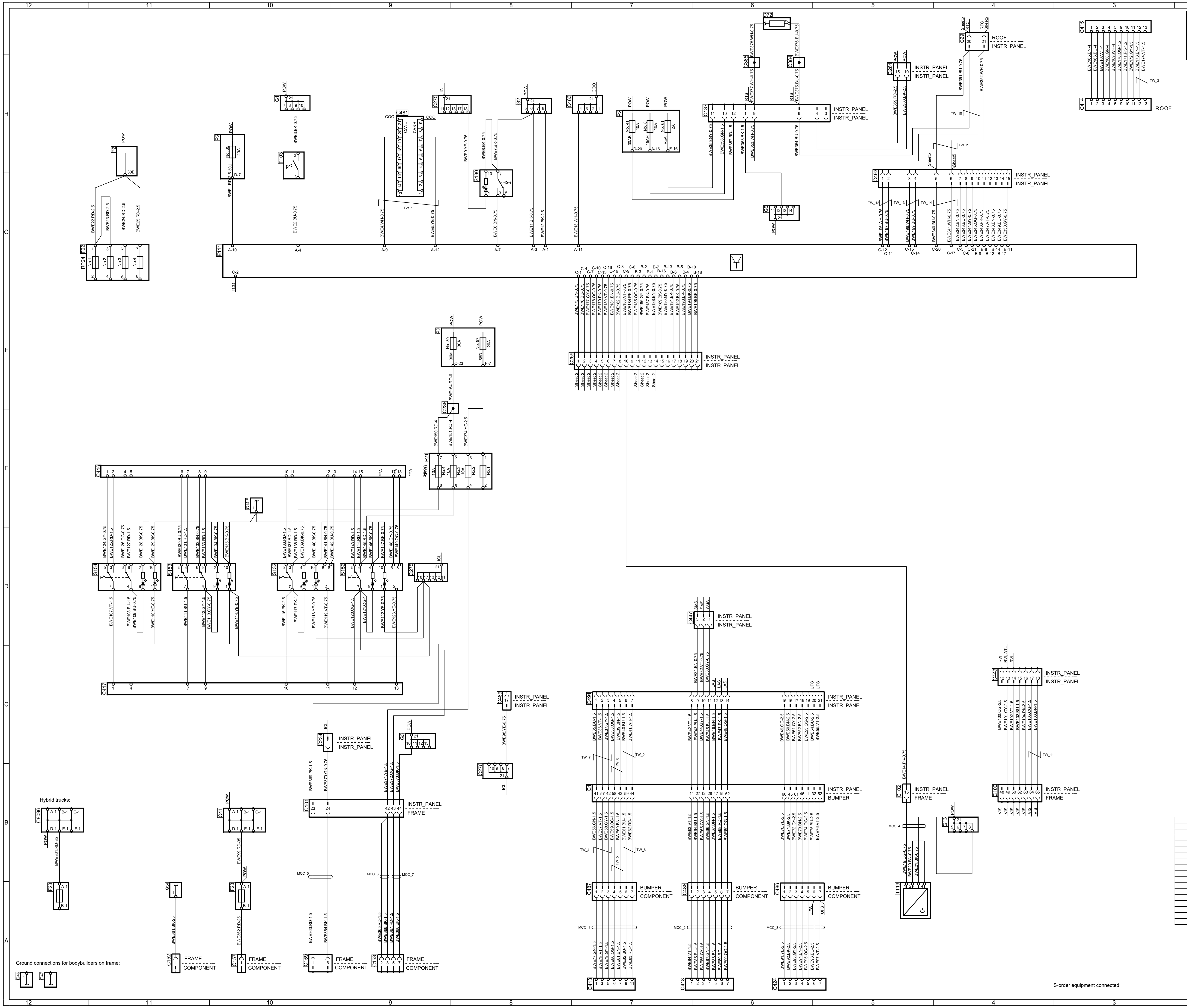

12
11
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A
P2 POW 30E
F22 RP24 No.1 No.2 No.3 No.4 1 3 5 7 2 4 6 8
BWE22.RD-2.5
BWE23.RD-2.5
BWE24.RD-2.5
BWE25.RD-2.5
P2 POW No. 35 20A 30U D-7
BWE1.RD-2.5
G1 POW 21 7 8 9 10
BWE3.BK-0.75
T103 p< 2 1
BWE2.BU-0.75
C481 COO CANL CANH COO
TW_1
BWE4.WH-0.75
BWE5.YE-0.75
C275 ICL 21 11 12 13 17 18
BWE9.YE-0.75
BWE8.BK-0.75
BWE7.BK-0.75
S130 10 7 1 3 5
BWE6.BN-0.75
G2 POW 21 5 6 7 8
BWE11.BK-0.75
BWE12.BK-2.5
C483 COO 21 4 3 2 1
BWE13.WH-0.75
P2 POW POW POW No. 41 10A 30AB D-20 No. 8 10A 15AH A-16 No. 61 2A RaA F-16
D72 1 2
C385 C384
BWE378.WH-0.75
BWE376.BU-0.75
RTS BWE377.WH-0.75
RTS BWE375.BU-0.75
C137 11 10 12 1 9 6 4 3 INSTR_PANEL INSTR_PANEL
BWE355.GY-0.75
BWE356.GN-1.5
BWE357.RD-1.5
BWE358.BK-1.5
BWE353.WH-0.75
BWE354.BU-0.75
G5 11 12 13 14 21 POW
C261 POW POW 15 10 INSTR_PANEL INSTR_PANEL
BWE359.RD-2.5
BWE360.BK-2.5
C29 Sheet5 RTC RTC Sheet5 20 21 ROOF INSTR_PANEL
BWE351.BU-0.75
BWE352.WH-0.75
TW_10
TW_2
C493 Sheet5 Sheet5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 INSTR_PANEL INSTR_PANEL
TW_12 TW_13 TW_14
BWE196.WH-0.75
BWE197.BU-0.75
BWE198.WH-0.75
BWE199.BU-0.75
BWE340.BU-0.75
BWE341.WH-0.75
BWE342.BN-0.75
BWE343.BU-0.75
BWE344.GY-0.75
BWE345.OG-0.75
BWE346.PK-0.75
BWE347.VT-0.75
BWE348.BN-0.75
BWE349.BU-0.75
BWE350.GY-0.75
C415 1 2 3 4 5 9 10 11 12 13
BWE165.BN-4
BWE166.BU-4
BWE167.VT-4
BWE168.GN-4
BWE169.WH-4
BWE170.OG-1.5
BWE171.PK-1.5
BWE172.GY-1.5
BWE173.BN-1.5
BWE174.VT-1.5
TW_3
C414 1 2 3 4 5 9 10 11 12 13 ROOF
E111 A-10 A-4 A-9 A-12 A-7 A-3 A-1 A-11 C-12 C-11 C-15 C-14 C-20 C-17 C-5 C-8 C-21 B-9 B-8 B-12 B-14 B-17 B-11
C-2 TCO
C-1 C-4 C-7 C-10 C-13 C-16 C-19 C-3 C-9 C-6 B-3 B-2 B-1 B-7 B-16 B-13 B-6 B-5 B-4 B-10 B-18
BWE175.BN-0.75
BWE176.BU-0.75
BWE177.GY-0.75
BWE178.OG-0.75
BWE179.PK-0.75
BWE180.VT-0.75
BWE181.BN-0.75
BWE182.BU-0.75
BWE183.VT-0.75
BWE184.PK-0.75
BWE185.OG-0.75
BWE186.GY-0.75
BWE187.BK-0.75
BWE188.BN-0.75
BWE189.BK-0.75
BWE190.GY-0.75
BWE191.BK-0.75
BWE192.BK-0.75
BWE193.BK-0.75
BWE194.BK-0.75
BWE195.BK-0.75
C259 1 2 3 4 5 6 7 8 10 9 11 12 13 14 15 16 17 18 19 20 21 INSTR_PANEL INSTR_PANEL
Sheet 2
P2 POW POW No. 30 30A 30M C-23 No. 57 20A 58D F-7
BWE154.RD-6
C238
BWE150.RD-4
BWE151.RD-4
BWE374.YE-2.5
F21 RP26 7 5 3 1 10A No.4 10A No.3 10A No.2 No.1 8 6 4 2
C416 1 2 4 5 6 7 8 9 10 11 12 13 14 15 ***A 17 18 ***A
G14.F 1
BWE124.GY-0.75
BWE125.RD-1.5
BWE126.OG-0.75
BWE127.RD-1.5
BWE128.BK-0.75
BWE129.BK-0.75
BWE130.BU-0.75
BWE131.RD-1.5
BWE132.BN-0.75
BWE133.RD-1.5
BWE134.BK-0.75
BWE135.BK-0.75
BWE136.RD-1.5
BWE137.RD-1.5
BWE138.RD-1.5
BWE139.BK-0.75
BWE140.BK-0.75
BWE141.BN-0.75
BWE142.BU-0.75
BWE143.RD-1.5
BWE144.RD-1.5
BWE145.RD-1.5
BWE146.BK-0.75
BWE147.BK-0.75
BWE148.GY-0.75
BWE149.OG-0.75
S154
S153
S132
S152
C275 ICL 21 18 17 13 12 11
BWE107.VT-1.5
BWE108.BU-1.5
BWE109.BU-0.75
BWE110.YE-0.75
BWE111.BU-1.5
BWE112.GY-1.5
BWE113.GY-0.75
BWE114.YE-0.75
BWE115.PK-2.5
BWE117.PK-1
BWE118.YE-0.75
BWE119.VT-0.75
BWE120.OG-1.5
BWE121.OG-1
BWE122.YE-0.75
BWE123.YE-0.75
C417 1 4 7 9 10 11 12 13
C447 SMS SMS SMS 3 2 1 INSTR_PANEL INSTR_PANEL
BWE31.BN-0.75
BWE32.VT-0.75
BWE33.GY-0.75
LAS LAS LAS
UFS UFS
C449 RVI RVI, ATL RVI 12 13 14 15 16 17 18 INSTR_PANEL INSTR_PANEL
C489 17 INSTR_PANEL INSTR_PANEL
BWE98.YE-0.75
C276 10 9 8 7 21 ICL
C234 ICL 1 INSTR_PANEL INSTR_PANEL
G3 POW 21 10 11 12 13
BWE369.PK-1.5
BWE370.GN-0.75
BWE371.YE-1.5
BWE372.OG-1.5
BWE373.BK-1.5
C101 23 24 42 43 44 INSTR_PANEL FRAME
C494 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 INSTR_PANEL INSTR_PANEL
BWE35.BU-1.5
BWE36.VT-1.5
BWE37.GY-1.5
BWE38.OG-1.5
BWE39.BN-1.5
BWE40.BU-1.5
BWE41.WH-1.5
BWE42.VT-1.5
BWE43.BU-1.5
BWE44.GY-1.5
BWE45.BU-1.5
BWE46.BN-1.5
BWE47.PK-1.5
BWE48.OG-1.5
BWE49.OG-2.5
BWE50.BN-2.5
BWE51.GY-2.5
BWE52.BN-2.5
BWE53.OG-2.5
BWE54.BU-2.5
BWE55.VT-2.5
TW_7 TW_8 TW_9
C1 41 57 42 58 43 59 44 11 27 12 28 47 15 62 60 45 61 46 1 32 52 INSTR_PANEL BUMPER
BWE56.GN-1.5
BWE57.VT-1.5
BWE58.GY-1.5
BWE59.OG-1.5
BWE60.BN-1.5
BWE61.BU-1.5
BWE62.RD-1.5
BWE63.VT-1.5
BWE64.BU-1.5
BWE65.GY-1.5
BWE66.GN-1.5
BWE67.BN-1.5
BWE68.RD-1.5
BWE69.OG-1.5
BWE70.YE-2.5
BWE71.BK-2.5
BWE72.GY-2.5
BWE73.BN-2.5
BWE74.OG-2.5
BWE75.BU-2.5
BWE76.VT-2.5
TW_4 TW_5 TW_6
C487 1 2 3 4 5 6 7 BUMPER COMPONENT
C488 1 2 3 4 5 6 7 BUMPER COMPONENT
C486 1 2 3 4 5 6 7 BUMPER COMPONENT UFS UFS
MCC_1 MCC_2 MCC_3
BWE77.GN-1.5
BWE78.VT-1.5
BWE79.GY-1.5
BWE80.OG-1.5
BWE81.BN-1.5
BWE82.BU-1.5
BWE83.RD-1.5
BWE84.VT-1.5
BWE85.BU-1.5
BWE86.GY-1.5
BWE87.GN-1.5
BWE88.BN-1.5
BWE89.RD-1.5
BWE90.OG-1.5
BWE91.YE-2.5
BWE92.BK-2.5
BWE93.GY-2.5
BWE94.BN-2.5
BWE95.OG-2.5
BWE96.BU-2.5
BWE97.VT-2.5
C413 1 3 5 6 7 9 11
C418 1 2 3 4 5 6 7
C424 1 2 3 4 5 6 7
BWE14.PK-0.75
C102 15 INSTR_PANEL FRAME
MCC_4
G13 POW 21 5 6 7 8
BWE19.OG-0.75
BWE20.BN-0.75
BWE21.BK-0.75
T119 1 2 3 4
BWE100.OG-2.5
BWE101.GY-2.5
BWE102.VT-1.5
BWE103.BU-1.5
BWE104.PK-2.5
BWE105.OG-1.5
BWE106.BN-1.5
TW_11
C100 48 49 50 62 63 64 65 INSTR_PANEL FRAME
VIS VIS VIS VIS VIS VIS VIS
Hybrid trucks:
C8096 A-1 B-1 C-1 D-1 E-1 F-1 POW
BWE361.RD-35
F23 A-1 B-1
C41 POW A-1 B-1 C-1 D-1 E-1 F-1
BWE99.RD-35
F23 POW A-1 B-1
BWE362.RD-25
G54 1
BWE361.BK-25
C152 1 FRAME COMPONENT
C157 1 FRAME COMPONENT
MCC_5 MCC_6 MCC_7
BWE363.RD-1.5
BWE364.BK-1.5
BWE365.RD-1.5
BWE366.BK-1.5
BWE367.RD-1.5
BWE368.BK-1.5
C159 1 6 FRAME COMPONENT
C158 2 3 5 7 FRAME COMPONENT
Ground connections for bodybuilders on frame:
G46 G47
S-order equipment connected

Cable designation

AWD35 . OG - 1

Cable marking

Cable colour (Orange)

Conductor area (mm^2)

Colour code of electric cables

Code	Colour
BK	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
PK	Pink

Des.	Pos.	Description
C1	B 7	Connector, 66-pole
C29	I 4	Connector 21-pole, Instr-Roof
C41	B 10	Junction block
C100	B 4	Connector, 66-pole
C101	B 10	Connector, 66-pole
C102	B 5	Connector, 66-pole
C137	H 6	Connector, 12-pole
C152	A 11	Connector, 1-pole
C157	A 10	Connector, 1-pole
C158	A 9	Connector, 7-pole
C159	A 10	Connector, 7-pole
C234	C 10	Connector, 12-pole
C238	F 8	Splice
C259	F 7	Connector, 21-pole
C261	H 5	Connector, 21-pole
C275	H 8	Joint connector, instr light
C275	D 9	Joint connector, instr light
C276	B 8	Joint connector, instr light
C384	H 6	Splice, RTG
C385	H 6	Splice, RTG
C413	A 7	Cut cable
C414	H 3	Cut cable
C415	I 3	Cut cable
C416	E 9	Cut cable
C417	C 9	Cut cable
C418	A 6	Cut cable
C424	A 5	Cut cable
C447	D 6	Connector, 6-pole
C449	C 4	Connector, 18-pole
C481	H 9	Joint connector yellow CAN
C483	H 7	Joint connector wake up
C486	A 6	Connector, 7-pole
C487	A 7	Connector, 7-pole
C488	A 7	Connector, 7-pole
C489	C 8	Connector, 21-pole, COO
C493	G 5	Connector, 15-pole
C494	C 7	Connector, 21-pole
C8096	B 12	Junction block
D72	I 6	Resistor, RTG
E111	G 3	Control unit, BCI
F21	E 9	Fuse holder, 4-pole
F22	G 11	Fuse holder, 8-pole
F23	A 12	Fuse holder
F23	A 10	Fuse holder
G1	H 10	Joint connector, ground
G2	H 8	Joint connector, ground
G3	C 9	Joint connector, ground
G5	G 6	Joint connector, ground
G13	B 4	Ground, torpedo wall
G14.F	E 10	Ground, torpedo wall
G46	A 12	Ground, frame
G47	A 12	Ground, frame
G54	A 11	Ground, left side member, rear
P2	H 7	Central electric unit
P2	G 11	Central electric unit
P2	F 8	Central electric unit
P2	G 10	Central electric unit
S130	H 8	Switch, external equipment
S132	D 9	Switch, BWE prep
S152	D 9	Switch, BWE prep
S153	D 10	Switch, BWE prep
S154	D 11	Switch, BWE prep
T103	G 10	Pressure monitor, parking brake
T119	A 5	Sensor, 5th wheel indication

SCANIA

Circuit Diagram:

BWE

Drawing No.-Sheet-Rev: 2038974-1-9

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