

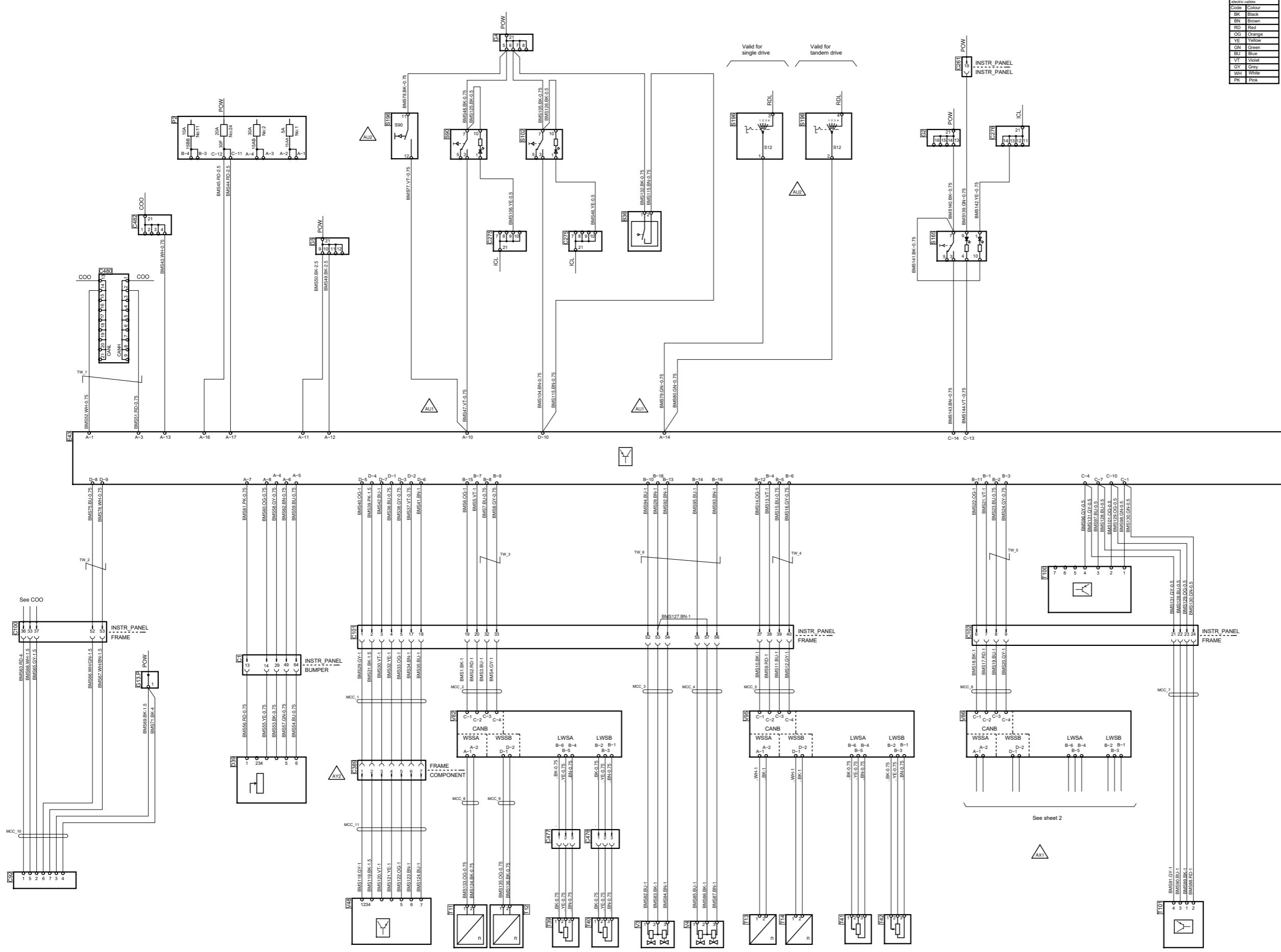
Colour code of electric cables	Code	Colour
BK	Black	Black
BN	Brown	Brown
RD	Red	Red
OG	Orange	Orange
YE	Yellow	Yellow
GN	Green	Green
BU	Blue	Blue
VT	Violet	Violet
CY	Cyan	Cyan
WH	White	White
PK	Pink	Pink

Cable designation	AWD35	OG	- 1
Cable marking			
Cable colour (Orange)			
Conductor area (mm <sup>2</sup> )			

Des.	Pos.	Description
B36	E 5	Switch, trailer brake
C1	C 7	Connector, 66-pole
C92	B 8	Connector, trailer
C100	C 8	Connector, 66-pole
C101	C 6	Connector, 66-pole
C102	C 3	Connector, 66-pole
C261	F 3	Connector, 21-pole
C275	E 5	Joint connector, instr light
C276	F 3	Joint connector, instr light
C478	B 6	Connector, 7-pole
C479	B 5	Connector, 3-pole
C477	B 5	Connector, 3-pole
C480	D 7	Joint connector red CAN
C482	E 7	Joint connector wake up
D39	B 7	Foot brake module
E43	D 2	Control unit, EBS
G2	F 3	Joint connector, ground
G4	F 5	Joint connector, ground
G5	E 6	Joint connector, ground
G13.P	C 7	Ground, torpedo wall
P2	E 7	Central electric unit
S80	F 6	Switch, TC off
S102	F 5	Switch, trailer brake
S165	E 3	Switch, Hill hold
S196	E 4	Switch, differential lock rotary switch
S198	E 4	Switch, differential lock rotary switch
S198	F 6	Switch, differential lock rotary switch
T11	A 6	Sensor speed, front LH
T12	A 5	Sensor speed, front RH
T13	A 4	Sensor speed, rear LH
T14	A 4	Sensor speed, rear RH
T39	A 5	Sensor lining wear, front LH
T40	A 5	Sensor lining wear, front RH
T41	A 4	Sensor lining wear, rear LH
T42	A 3	Sensor lining wear, rear RH
T100	C 3	Sensor, steering angle
T101	A 2	Sensor, yaw rate
V3	A 5	Pressure control valve, Front LH
V4	A 4	Pressure control valve, front RH
V48	A 6	Trailer control module
V82	B 5	Pressure control module, front
V86	B 2	Pressure control module, axel 1
V95	B 3	Pressure control module, rear



Valid for first front axle  
For second front axle see sheet 7

Valid for single drive axle with air suspension  
For single drive with leaf suspension see sheet 3  
For tandem drive with leaf suspension see sheet 4

For tandem drive with air suspension and without load transfer see sheet 5  
For tandem drive with air suspension and with load transfer (10x4\*6 trailing axle not sensed) see sheet 6 or 12  
For trucks with two front axles see sheet 7  
For tandem drive with trailing tag axle without load transfer see sheet 8  
For tandem drive with trailing tag axle and with load transfer see sheet 9  
For single drive with two tag axles see sheet 10  
For single drive with drum brakes see sheet 11

**SCANIA**

Circuit Diagram:

## BMS EBS

Drawing No. 1452080-1-35  
Sheet-Rev.

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S-order equipment connected