


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

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
A1	C 5	Ignition coil
A2	C 5	Ignition coil
A3	C 5	Ignition coil
A4	C 5	Spark plug
A5	C 5	Spark plug
A6	C 5	Spark plug
A7	C 4	Spark plug
A8	C 4	Spark plug
A9	C 5	Ignition coil
A10	C 4	Ignition coil
C165	D 5	Splice, engine
C182	A 6	Splice, engine
C195	A 3	Connector, 6-pole
C219	B 5	Connector, 6-pole
C220	B 2	Connector, 12-pole
C220	D 2	Connector, 12-pole
C220	B 2	Connector, 12-pole
C221	A 4	Connector, 6-pole
C221	C 6	Connector, 6-pole
C221	A 4	Connector, 6-pole
C222	C 4	Splice, engine
C224	D 2	Splice, engine
C225	D 2	Splice, engine
C232	C 4	Splice, engine
C233	A 4	Connector, 3-pole
C244	D 6	Connector, 12-pole
C244	D 4	Connector, 12-pole
C244	D 3	Connector, 12-pole
C245	D 5	Connector, 2-pole
C246	A 4	Splice, engine
C247	A 4	Splice, engine
C248	D 2	Connector, 4-pole
E44	A 5	Control unit, EMS
E44	B 2	Control unit, EMS
E88	B 1	Control unit, GCS
G50.A	B 4	Ground, engine, GCS
G50.B	A 2	Ground, engine, GCS
G53	D 5	Ground, engine, GCS
G56	D 5	Ground, engine, GCS
G57	D 5	Ground, engine, GCS
G58	D 5	Ground, engine, GCS
G59	D 4	Ground, engine, GCS
M34	A 5	Motor, Throttle
T74	A 3	Sensor, engine speed 1
T75	A 3	Sensor, engine speed 2
T134	A 4	Sensor, press, temp CNG
T135	A 3	Sensor, phase
T137	A 6	Sensor, lambda
T154	A 5	Sensor, lambda
V119	A 2	Hydraulic pump
V164	C 2	Solenoid valve, injector
V165	C 2	Solenoid valve, injector
V166	C 2	Solenoid valve, injector
V167	C 2	Solenoid valve, injector
V168	C 2	Solenoid valve, injector
V169	C 2	Solenoid valve, injector
V170	C 2	Solenoid valve, injector
V171	C 2	Solenoid valve, injector
V172	C 1	Solenoid valve, injector
V173	C 1	Solenoid valve, injector



**SCANIA**

Circuit Diagram:

## EMS S7 GCS

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