



Cable designation	
AWD35	OG - 1
Cable marking	
Cable colour (Orange)	
Conductor area (mm ²)	

Colour code of electric wires	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
GY	Grey	Grey
WH	White	White
PK	Pink	Pink

Des.	Pos.	Description
B49	C 6	Switch, manual exhaust brake
C42	A 3	Connector, 3-pole
C69	D 7	Connector, 21-pole, instr.p/f/ro
C100	B 4	Connector, 66-pole
C102	B 3	Connector, 66-pole
C273	C 7	Joint connector, instr light
C386	D 1	Joint connector ENV SENS CAN
C427	A 5	Connector, 21-pole
C451	D 6	Connector, 2-pole, manual exhaust brake
C479	D 2	Joint connector green CAN
C480	D 3	Joint connector red CAN
C481	D 2	Joint connector yellow CAN
C482	F 5	Joint connector wake up
C483	C 3	Joint connector wake up
C489	E 7	Connector, 21-pole, COO
D35	E 5	Sensor, throttle pedal
D36	E 5	Sensor, clutch pedal
D61	E 5	Sensor, brake pedal
E30	E 6	Control unit, coordinator
E44	A 4	Control unit, EMS
E49	D 3	Control unit, immobiliser
G1	C 2	Joint connector, ground
G2	B 3	Joint connector, ground
G2	B 7	Joint connector, ground
G3	C 6	Joint connector, ground
G13.2	A 3	Ground, torpedo wall
G15.D	C 4	Ground, torpedo wall
G15.H	E 4	Ground, torpedo wall
H1	C 1	Diagnosis outlet
D1	F 7	Combination instrument
P2	F 5	Central electric unit
P2	D 4	Central electric unit
S4	F 7	Switch, starter
S6	C 8	Switch, exhaust brake power
S29	C 7	Switch, white smoke limiter
S142	C 7	Switch, cruise control
S177	C 6	Switch, ABS
S191	D 8	Switch, Speed module
T3	E 7	Monitor, applied parking brake
T8	C 7	Monitor, coolant level
T16	A 4	Sensor, fuel over
T157	A 3	Sensor, air filter
U6	E 8	Spring coil

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Circuit Diagram:

COO

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 Sheet-Rev.

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1) Valid for Engines with common rail injection system except Euf D16
 2) For Engine control unit S6, see COO sheet 6
 3) COO019.WH.0.75 and COO020.RD.0.75 have thick insulation and therefore require seal 138058.
 1) Without Alcohol Interlock Device
 2) With Alcohol Interlock Device