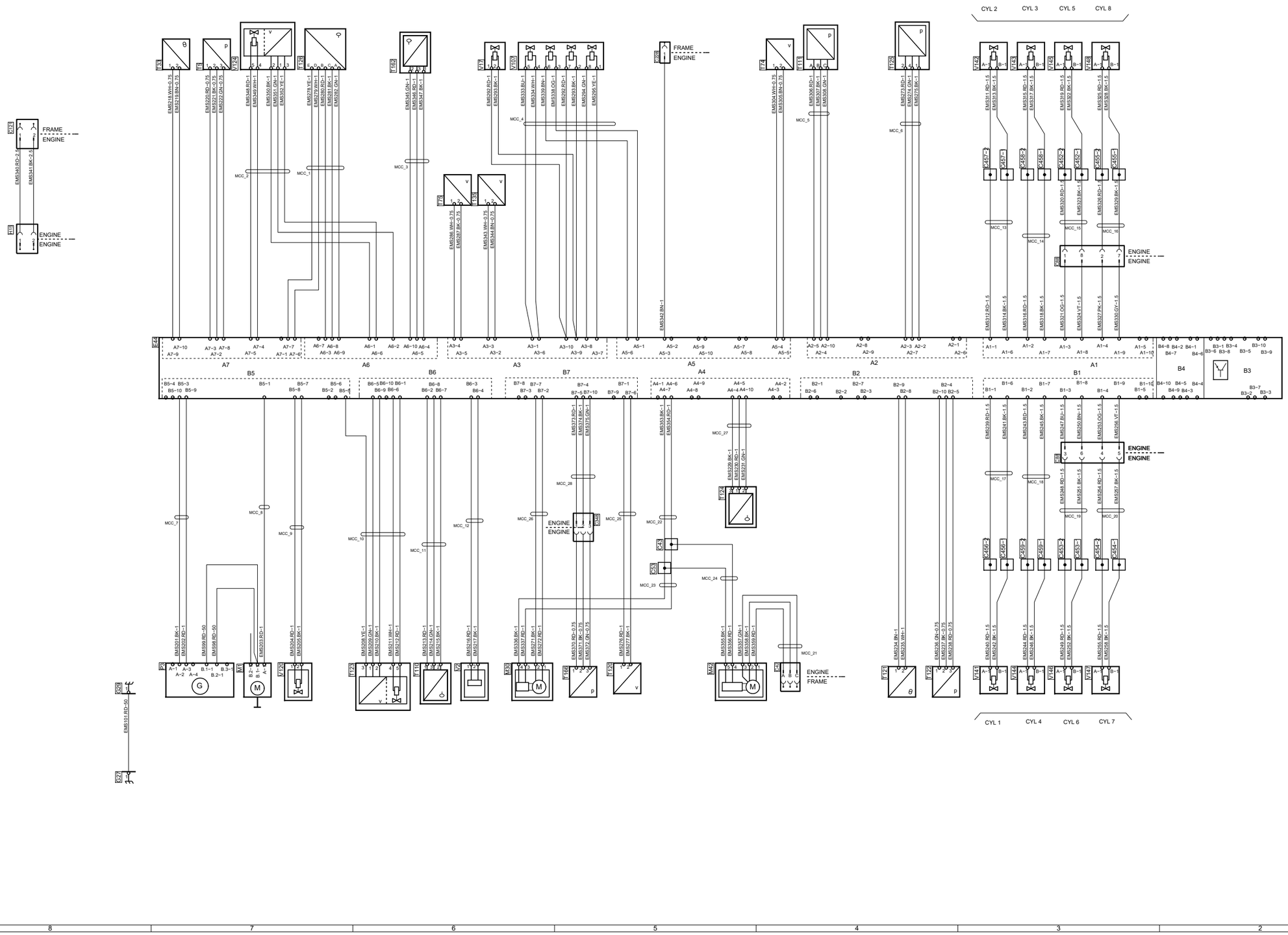

Cable designation		
AWD35	OG	– 1
Cable marking		
Cable colour (Orange)		
Conductor area (mm²)		

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
C88	C 3	Connector, 8–pole
C88	D 3	Connector, 8–pole
P3	B 7	Alternator
V2	B 6	Solenoid valve, AC compressor
M1	B 7	Starter motor
V120	B 7	Solenoid valve, inlet metering
G29	B 7	Ground, engine
G27	A 7	Ground, frame
T110	B 6	Sensor, oil level
V142	E 3	Solenoid valve, fuel actuator
V143	E 3	Solenoid valve, fuel actuator
V145	E 3	Solenoid valve, fuel actuator
V148	E 3	Solenoid valve, fuel actuator
V144	B 3	Solenoid valve, fuel actuator
V141	B 3	Solenoid valve, fuel actuator
V147	B 3	Solenoid valve, fuel actuator
V146	B 3	Solenoid valve, fuel actuator
C457–2	D 3	Splice, oil protection
C457–1	D 3	Splice, oil protection
C458–2	D 3	Splice, oil protection
C458–1	D 3	Splice, oil protection
C452–2	D 3	Splice, oil protection
C452–1	D 3	Splice, oil protection
C455–2	D 3	Splice, oil protection
C455–1	D 3	Splice, oil protection
C453–1	B 3	Splice, oil protection
C459–1	B 3	Splice, oil protection
C456–1	B 3	Splice, oil protection
C454–2	B 3	Splice, oil protection
C453–2	B 3	Splice, oil protection
C459–2	B 3	Splice, oil protection
C454–1	B 3	Splice, oil protection
C456–2	B 3	Splice, oil protection
E44	D 2	Control unit, EMS
T126	E 7	Sensor, massflow, temp
M30	B 6	Motor, electrical actuator VGT
T125	E 4	Sensor, exhaust manifold pressure
V107	E 6	Solenoid valves, Block
T122	B 3	Sensor, charger pressure
T124	C 5	Sensor, position EGR 1
V17	E 6	Solenoid valve, exhaust brake
T135	D 6	Sensor, phase
T162	E 6	Sensor, throttle position
V124	E 7	Solenoid valve, coolant water pump
M42	B 5	Motor, air inlet throttle
C53	B 5	Splice, engine
C43	C 5	Splice, engine
T33	E 7	Sensor, coolant temperature
T5	E 7	Sensor, oil press, oil temp engine
T75	D 6	Sensor, engine speed 2
T74	E 4	Sensor, engine speed 1
T111	E 4	Sensor, pressure, rail
T121	B 4	Sensor, charger temp
T120	B 5	Sensor, turbine speed 1
T123	B 6	Sensor, fan control, fan speed
T166	B 5	Sensor, charger pressure
C88	C 3	Connector, 8–pole
C121	E 8	Connector, 2–pole
H15	D 8	Heater, fuel filter
C228	E 5	Connector, 2–pole
C42	B 4	Connector, 2–pole
C348	C 5	Connector, 4–pole

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Circuit Diagram:

EMS DP

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