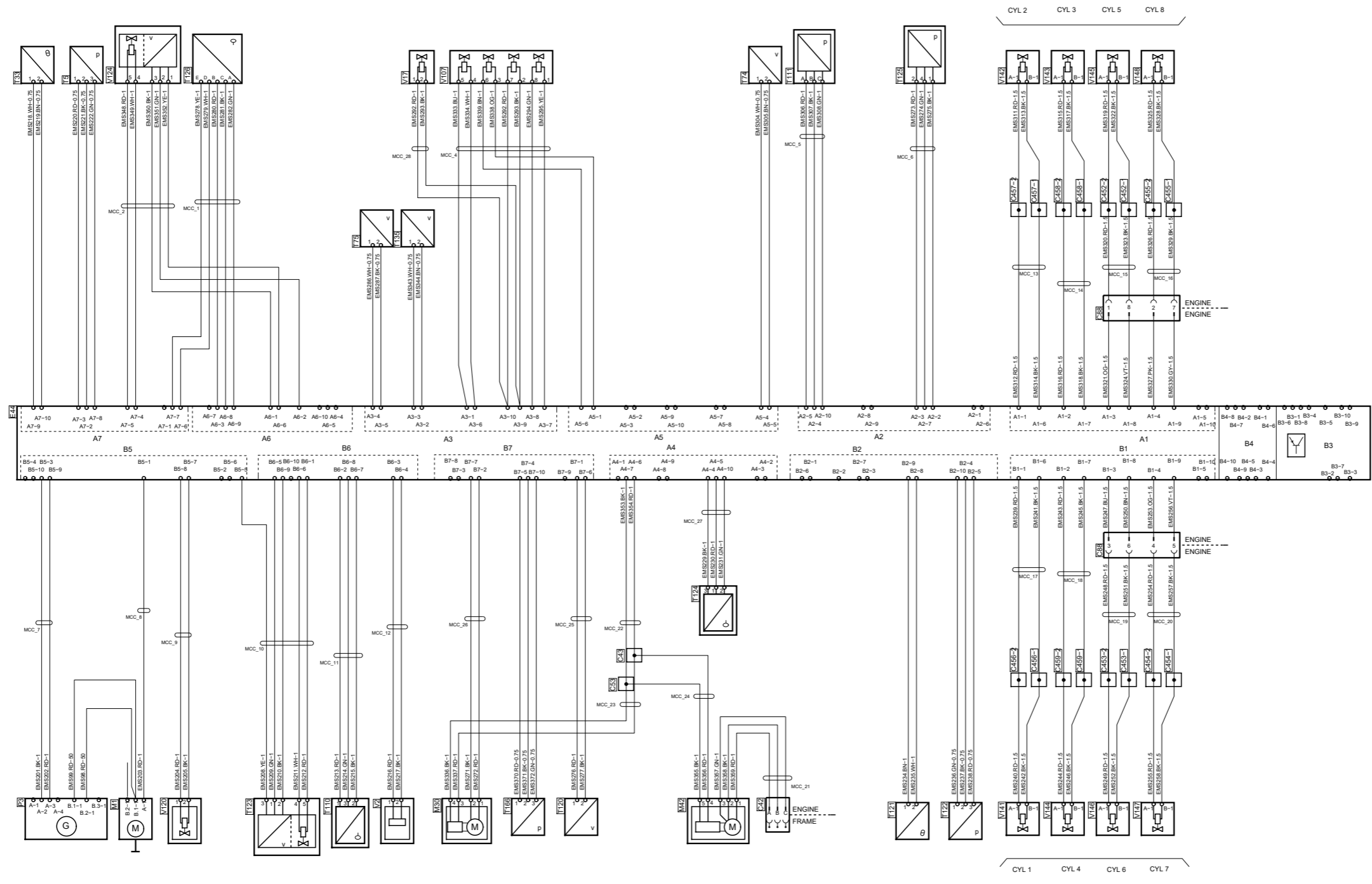


Cable designation		Colour code of wires		Description	
AWD35	OG - 1	OG	Orange	C42	B 4 Connector, 3-pole
		OG	Orange	C43	C 5 Splice, engine
		OG	Orange	C53	B 5 Splice, engine
		OG	Orange	C88	C 3 Connector, 8-pole
		OG	Orange	C121	E 8 Connector, 2-pole
		OG	Orange	C452-1	D 3 Splice, oil protection
		OG	Orange	C452-2	D 3 Splice, oil protection
		OG	Orange	C453-1	B 3 Splice, oil protection
		OG	Orange	C453-2	B 3 Splice, oil protection
		OG	Orange	C454-1	B 3 Splice, oil protection
		OG	Orange	C454-2	B 3 Splice, oil protection
		OG	Orange	C455-1	D 3 Splice, oil protection
		OG	Orange	C455-2	D 3 Splice, oil protection
		OG	Orange	C456-1	B 3 Splice, oil protection
		OG	Orange	C456-2	B 3 Splice, oil protection
		OG	Orange	C457-1	D 3 Splice, oil protection
		OG	Orange	C457-2	D 3 Splice, oil protection
		OG	Orange	C458-1	D 3 Splice, oil protection
		OG	Orange	C458-2	D 3 Splice, oil protection
		OG	Orange	C459-1	B 3 Splice, oil protection
		OG	Orange	C459-2	B 3 Splice, oil protection
		OG	Orange	E44	D 2 Control unit, EMS
		OG	Orange	G27	A 7 Ground, frame
		OG	Orange	G29	B 7 Ground, engine
		OG	Orange	H15	D 8 Heater, fuel filter
		OG	Orange	M1	B 7 Starter motor
		OG	Orange	M30	B 6 Motor, electrical actuator VGT
		OG	Orange	M42	B 5 Motor, air inlet throttle
		OG	Orange	P3	B 7 Abtaster
		OG	Orange	T5	E 7 Sensor, oil press, oil temp engine
		OG	Orange	T33	E 7 Sensor, coolant temperature
		OG	Orange	T74	E 4 Sensor, engine speed 1
		OG	Orange	T75	D 8 Sensor, engine speed 2
		OG	Orange	T110	B 8 Sensor, oil level
		OG	Orange	T111	E 4 Sensor, pressure, rail
		OG	Orange	T120	B 5 Sensor, turbine speed 1
		OG	Orange	T121	B 4 Sensor, turbine speed 2
		OG	Orange	T122	B 3 Sensor, charger pressure
		OG	Orange	T123	B 6 Sensor, fan control, fan speed
		OG	Orange	T124	C 5 Sensor, position EGR 1
		OG	Orange	T125	F 4 Sensor, exhaust manifold pressure
		OG	Orange	T126	E 7 Sensor, massflow, temp
		OG	Orange	T135	D 6 Sensor, phase
		OG	Orange	T168	B 5 Sensor, charger pressure
		OG	Orange	V2	B 6 Solenoid valve, AC compressor
		OG	Orange	V17	E 6 Solenoid valve, exhaust brake
		OG	Orange	V197	E 6 Solenoid valve, Block
		OG	Orange	V120	B 7 Solenoid valve, inlet metering
		OG	Orange	V124	E 7 Solenoid valve, coolant water pump
		OG	Orange	V141	B 3 Solenoid valve, fuel actuator
		OG	Orange	V142	E 3 Solenoid valve, fuel actuator
		OG	Orange	V143	E 3 Solenoid valve, fuel actuator
		OG	Orange	V144	B 3 Solenoid valve, fuel actuator
		OG	Orange	V145	E 3 Solenoid valve, fuel actuator
		OG	Orange	V146	B 3 Solenoid valve, fuel actuator
		OG	Orange	V147	B 3 Solenoid valve, fuel actuator
		OG	Orange	V148	E 3 Solenoid valve, fuel actuator



Circuit Diagram:  
**EMS DP**

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