A40	ABS control modulo			
A16	ABS control module			
A63	AC control module			
B138	Accelerator pedal position (APP) sensor			
X93	Airbag spiral cable			
A39	Auxiliary warning module			
31	Battery -			
30	Battery +			
S13	Brake pedal position (BPP) switch			
Y81	Camshaft position (CMP) actuator			
B132	Camshaft position (CMP) sensor			
S258	Clutch pedal position (CPP) switch			
B54	Crankshaft position (CKP) sensor			
X1-II	Data link connector (DLC), 16 pins			
X1-I	Data link connector (DLC), 20 pins			
EP	Earth point			
K46	Engine control (EC) relay			
A35	Engine control module (ECM)			
M6	Engine coolant blower motor			
B187	Engine coolant blower motor temperature sensor			
B24	Engine coolant temperature (ECT) sensor			
R96	Engine coolant thermostat			
B156	Engine oil temperature sensor			
Y104	Evaporative emission (EVAP) canister purge valve			
M12	Fuel pump (FP)			
K20	Fuel pump (FP) relay			
F	Fuse			
X28-V	Fuse box/relay plate - engine bay			
X28-I	Fuse box/relay plate - fascia 1			
X28-IV	Fuse box/relay plate - footwell			
X28-II	Fuse box/relay plate - load area 1			
B72	Heated oxygen sensor (HO2S)			
Y99	Idle air control (IAC) valve			
T1	Ignition coil			
K189	Ignition coil relay			
S1	Ignition switch			
15	Ignition switch - ignition ON			
A162	Immobilizer control module			
Y3	Injector			
A5	Instrument panel			
A75	Instrumentation control module			
B25	Intake air temperature (IAT) sensor			
Y102	Intake manifold air control solenoid			
B69	Knock sensor (KS)			
A192	Lamps control module			
B30	Mass air flow (MAF) sensor			
M73	Secondary air injection (AIR) pump			
K152	Secondary air injection (AIR) pump relay			
Y111	Secondary air injection (AIR) solenoid			
M1	Starter motor			
S365	Steering wheel multifunction switch			
A177	Throttle control unit			
M89	Throttle motor			

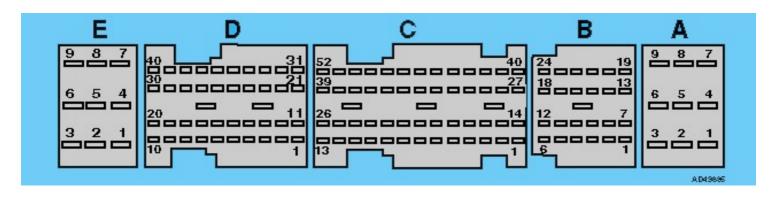
Manufacturer: BMW Engine code: 25 6S 4 Tuned for: R-Cat

**Model:** 5 Series (E39) 2,5 523i **Output:** 125 (170) 5500

Year: 1998-00

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B147	Throttle position (TP) sensor	
A61	Traction control module	
A57	Transmission control module (TCM)	



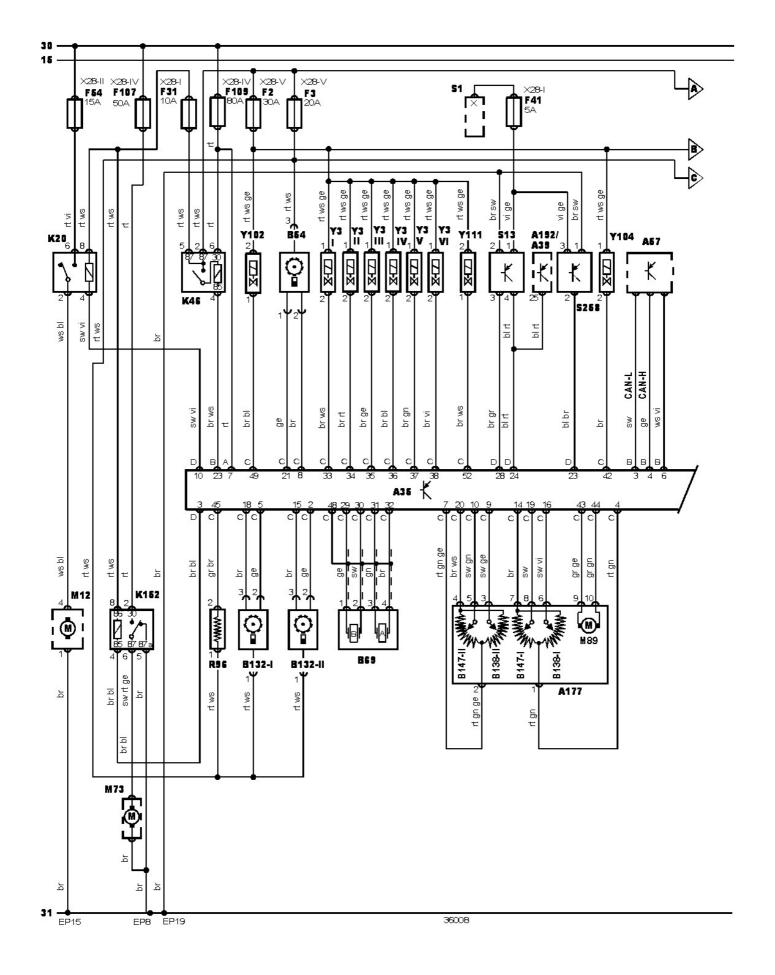
bl = blue	br = brown	el = cream	ge = yellow
gn = green	gr = grey	nf = neutral	og = orange
rs = pink	rt = red	sw = black	vi = violet
ws = white	hbl = light blue	hgn = light green	rbr = maroon
x = braided cable	y = high tension	z = non-cable connection	

NOTE: In certain diagrams (Citroen, Peugeot & Renault), colour codes are replaced by numbers which are used to identify a particular cable and not the colour. In this instance, the cables will be numbered at each end close to the harness connector.

Manufacturer: BMW Engine code: 25 6S 4 Tuned for: R-Cat Model: 5 Series (E39) 2,5 523i Output: 125 (170) 5500 Year: 1998-00 © Autodata Limited 2010

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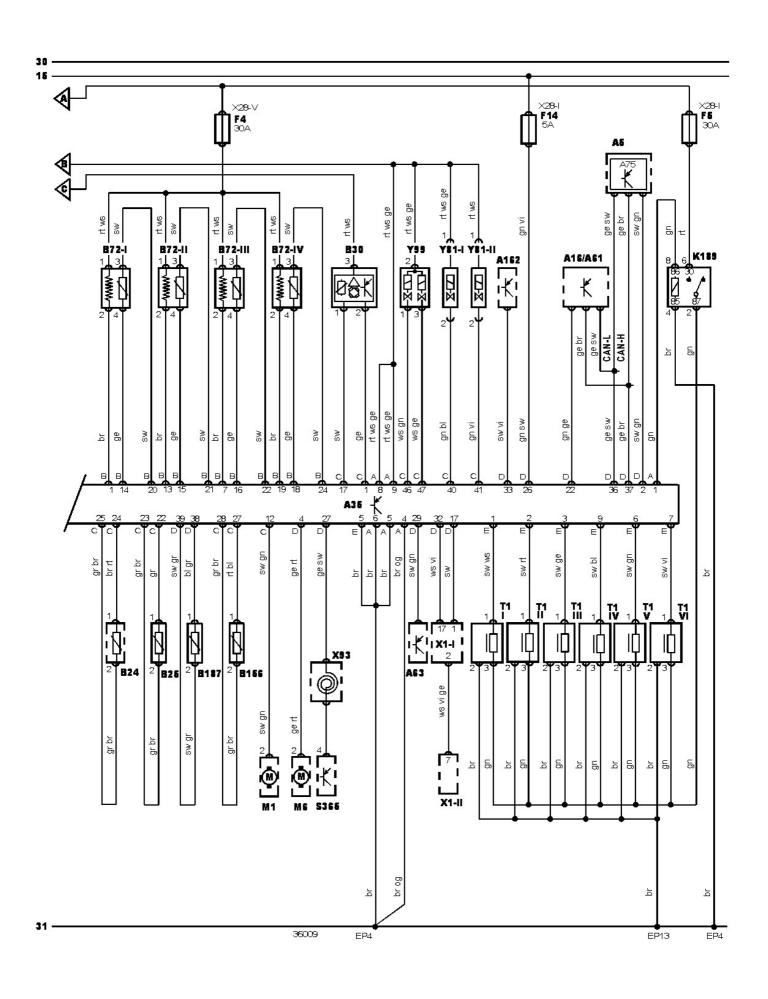


Manufacturer: BMW Engine code: 25 6S 4 Tuned for: R-Cat **Model:** 5 Series (E39) 2,5 523i **Output:** 125 (170) 5500

Year: 1998-00

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Manufacturer: BMW Engine code: 25 6S 4 Tuned for: R-Cat **Model:** 5 Series (E39) 2,5 523i **Output:** 125 (170) 5500

Year: 1998-00

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