A16 ABS control module A63 AC control module B138 Accelerator pedal position (APP) sensor G1 Alternator C3 Audio unit suppressor A39 Auxiliary warning module 31 Battery - 30 Battery + S13 Brake pedal position (BPP) switch Y81 Camshaft position (CMP) actuator Y177 Camshaft position (CMP) oil pressure valve B132 Camshaft position (CMP) sensor B118 Catalytic converter temperature sensor S258 Clutch pedal position (CPP) switch					
B138 Accelerator pedal position (APP) sensor G1 Alternator C3 Audio unit suppressor A39 Auxiliary warning module 31 Battery - 30 Battery + S13 Brake pedal position (BPP) switch Y81 Camshaft position (CMP) actuator Y177 Camshaft position (CMP) oil pressure valve B132 Camshaft position (CMP) sensor B118 Catalytic converter temperature sensor					
G1 Alternator C3 Audio unit suppressor A39 Auxiliary warning module 31 Battery - 30 Battery + S13 Brake pedal position (BPP) switch Y81 Camshaft position (CMP) actuator Y177 Camshaft position (CMP) oil pressure valve B132 Camshaft position (CMP) sensor B118 Catalytic converter temperature sensor					
C3 Audio unit suppressor A39 Auxiliary warning module 31 Battery - 30 Battery + S13 Brake pedal position (BPP) switch Y81 Camshaft position (CMP) actuator Y177 Camshaft position (CMP) oil pressure valve B132 Camshaft position (CMP) sensor B118 Catalytic converter temperature sensor					
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B132 Camshaft position (CMP) sensor B118 Catalytic converter temperature sensor					
B118 Catalytic converter temperature sensor					
SOBS Clutch negal necition (CDD) equitor					
	Clutch pedal position (CPP) switch				
B54 Crankshaft position (CKP) sensor					
X1 Data link connector (DLC)					
A35 Engine control module (ECM)					
K46 Engine control relay					
M6 Engine coolant blower motor					
B187 Engine coolant blower motor temperature sensor					
B24 Engine coolant temperature (ECT) sensor					
X48 Engine harness connector					
	Engine oil pump motor				
	Evaporative emission (EVAP) canister purge valve				
M12 Fuel pump					
K20 Fuel pump relay					
F Fuse					
B72 Heated oxygen sensor (HO2S)					
B72-I Heated oxygen sensor (HO2S) 1					
B72-II Heated oxygen sensor (HO2S) 2					
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					
B69 Knock sensor (KS)					
A192 Lamps control module					
B30 Mass air flow (MAF) sensor					
A193 Multi switch assembly					
S259 Neutral position (NP) switch					
Y155 Power steering pressure (PSP) valve					
S28 Reverse gear position switch					
M73 Secondary air injection (AIR) pump					
K152 Secondary air injection (AIR) pump relay					
Y111 Secondary air injection (AIR) solenoid					
M1 Starter motor					
K4 Starter motor relay					
S365 Steering wheel multifunction switch					

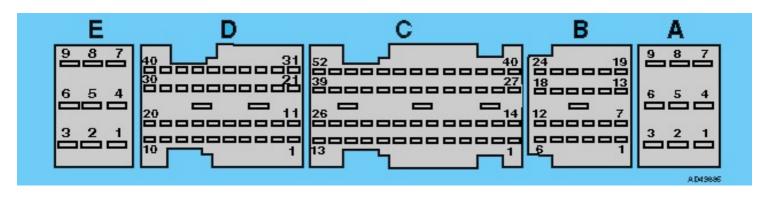
Manufacturer: BMW Engine code: 50 8S 1 Tuned for: R-Cat

Model: 5 Series (E39) 5,0 M5 Output: 294 (400) 6600 Year: 1998-03 © Autodata Limited 2010

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B147	Throttle position (TP) sensor		
M89	Throttle position motor		
A61	Traction control module		
A57	Transmission control module (TCM)		
15	Under rear window shelf		

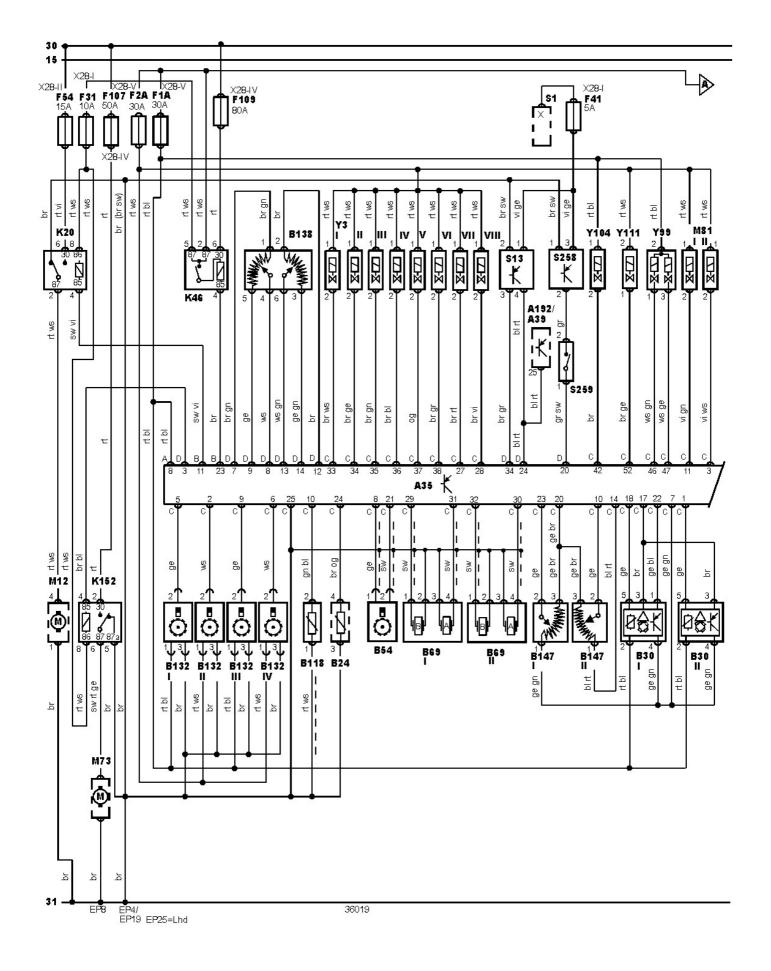


bl = blue	br = brown	el = cream	ge = yellow
gn = green	gr = grey	nf = neutral	og = orange
rs = pink	rt = red	sw = black	vi = violet
ws = white	hbl = light blue	hgn = light green	rbr = maroon
x = braided cable	y = high tension	z = non-cable connection	

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.

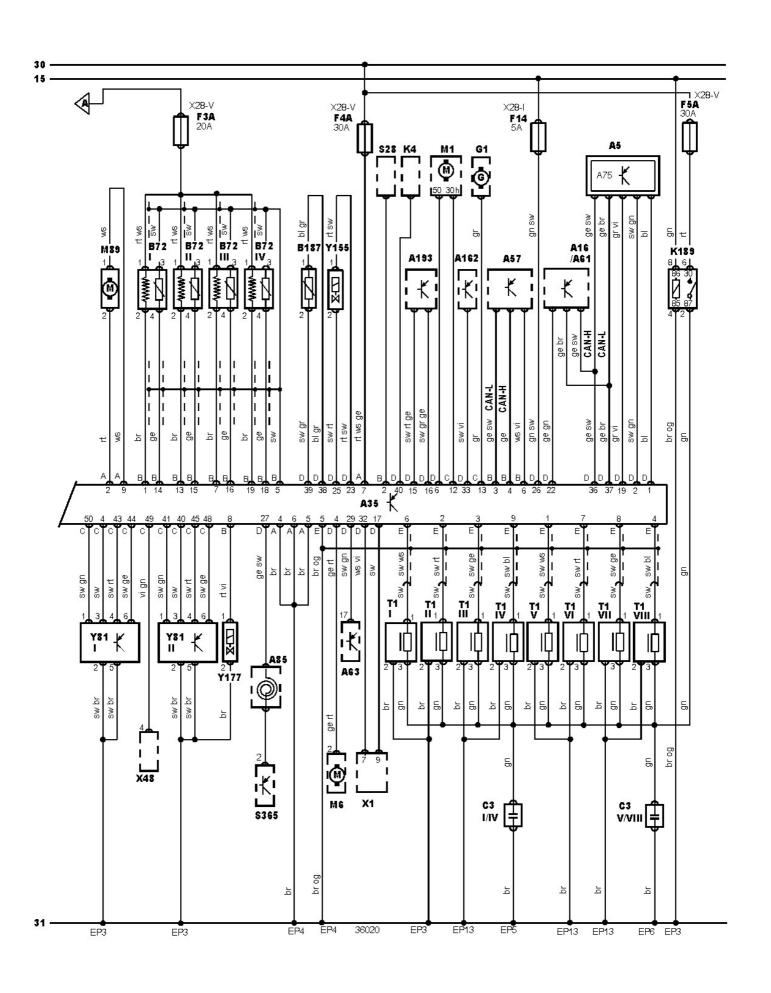
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