A40	ADC control modulo			
A16	ABS control module			
K143	AC compressor clutch relay			
B138	Accelerator pedal position (APP) sensor			
31	Battery -			
30	Battery +			
S13	Brake pedal position (BPP) switch			
Y81	Camshaft position (CMP) actuator			
Y81-I	Camshaft position (CMP) actuator 1			
Y81-II	Camshaft position (CMP) actuator 2			
B132	Camshaft position (CMP) sensor			
B132-I	Camshaft position (CMP) sensor 1			
B132-II	Camshaft position (CMP) sensor 2			
S258	Clutch pedal position (CPP) switch			
B54	Crankshaft position (CKP) sensor			
X1	Data link connector (DLC)			
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			
Y141	Exhaust gas control solenoid			
M12	Fuel pump			
K20	Fuel pump relay			
F	Fuse			
S3	Headlamp switch			
B72	Heated oxygen sensor (HO2S)			
B72-I	Heated oxygen sensor (HO2S) 1			
B72-II	Heated oxygen sensor (HO2S) 2			
B72-III	Heated oxygen sensor (HO2S) 3			
B72-IV	Heated oxygen sensor (HO2S) 4			
Y99	Idle air control (IAC) valve			
T1	Ignition coil			
S1	Ignition switch			
15	Ignition switch - ignition ON			
A162	Immobilizer control module			
Y3				
K251	Injector relay			
	Injector relay			
A5	Instrument panel			
B25	Intake air temperature (IAT) sensor  Intake manifold air control solenoid			
Y102				
B69	Knock sensor (KS)			
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			
S365	Steering wheel multifunction switch			
M89	Th (1) (1)			
	Throttle motor			
A61 A57	Throttle motor Traction control module Transmission control module (TCM)			

Manufacturer: BMW Engine code: 22 6S 1 Tuned for: R-Cat

**Model:** 3 Series (E46) 2,2 320i **Output:** 125 (170) 6250

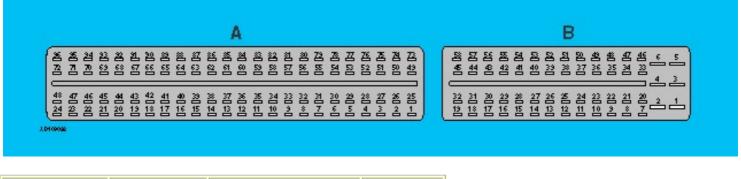
© Autodata Limited 2010

Valid forever. 17.10.2020

V8.500- /Autodata

Year: 2000-07

15	Under front seat, LH	
B22	B22 Wheel speed sensor, right rear	



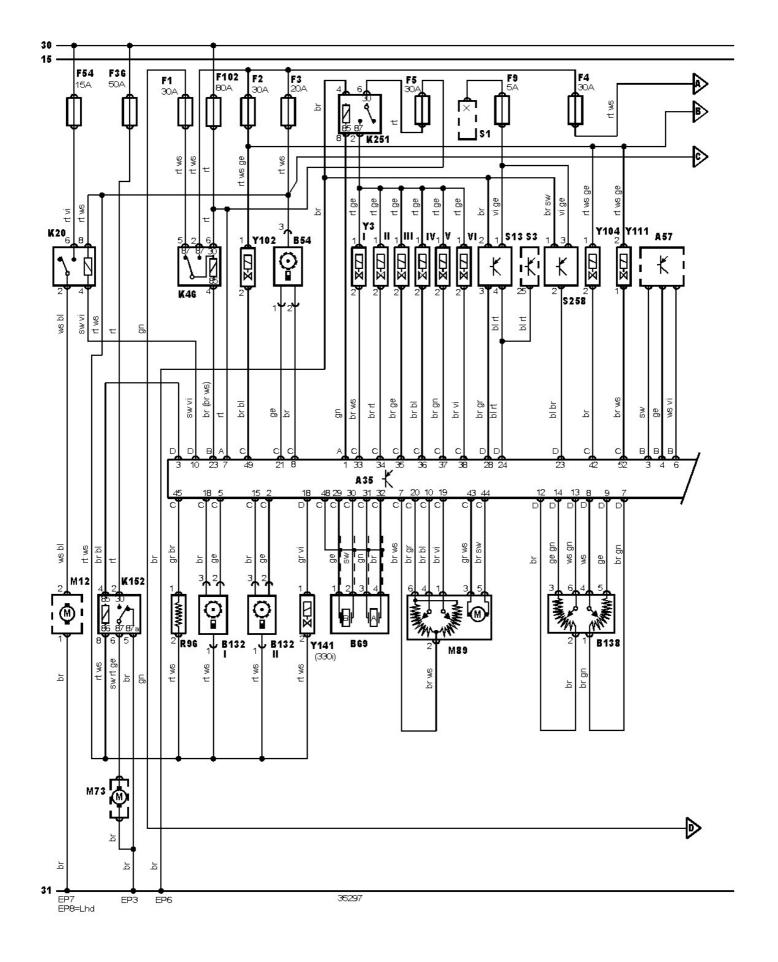
bl = blue	br = brown	el = cream	ge = yellow
gn = green	gr = grey	nf = neutral	og = orange
rs = pink	rt = red	sw = black	vi = violet
ws = white	hbl = light blue	hgn = light green	rbr = maroon
x = braided cable	y = high tension	z = non-cable connection	

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: 22 6S 1 Tuned for: R-Cat **Model:** 3 Series (E46) 2,2 320i **Output:** 125 (170) 6250 **Year:** 2000-07 © Autodata Limited 2010

Valid forever. 17.10.2020

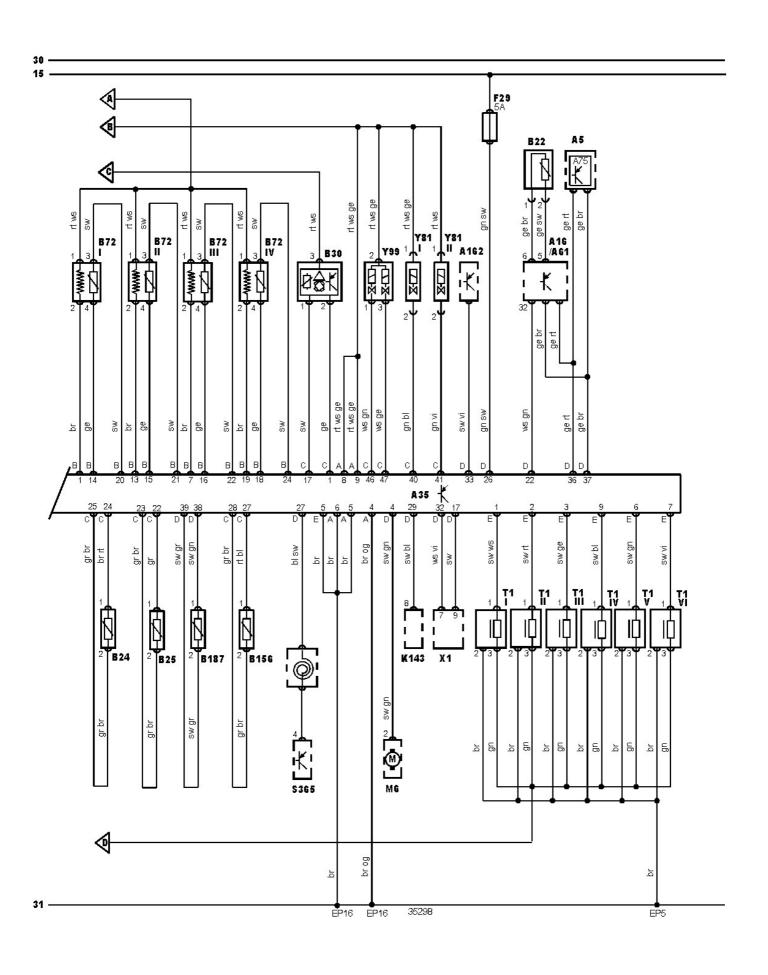
V8.500- /Autodata



Manufacturer: BMW Engine code: 22 6S 1 Tuned for: R-Cat Model: 3 Series (E46) 2,2 320i Output: 125 (170) 6250 Year: 2000-07 © Autodata Limited 2010

Valid forever. 17.10.2020

V8 500- / Autodata



Manufacturer: BMW Engine code: 22 6S 1 Tuned for: R-Cat **Model:** 3 Series (E46) 2,2 320i **Output:** 125 (170) 6250

Year: 2000-07

© Autodata Limited 2010

Valid forever. 17.10.2020

V8.500- /Autodata