A16	ABS control module		
B22	ABS wheel speed sensor, right rear		
K143	AC compressor clutch relay		
G1	Alternator		
31	Battery -		
30	Battery +		
Y171	Brake servo vacuum valve		
B132	Camshaft position (CMP) sensor		
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		
R96	Engine coolant thermostat		
B86	Engine oil level sensor		
H37	Engine oil level warning lamp		
H5	Engine oil pressure warning lamp		
S25	Engine oil pressure warning lamp switch		
Y104	Evaporative emission (EVAP) canister purge valve		
M12	Fuel pump		
K20	Fuel pump relay		
F	Fuse		
B72	Heated oxygen sensor (HO2S)		
Y99	Idle air control (IAC) valve		
T1	Ignition coil		
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)		
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		
B147	Throttle position (TP) sensor		
A61	Traction control module		
A57	Transmission control module (TCM)		
15	Under LH front seat, under carpet		

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	

Manufacturer: BMW Engine code: 16 4E 3

Model: 3 Series (E46) 1,6 316i **Output:** 77 (105) 5300

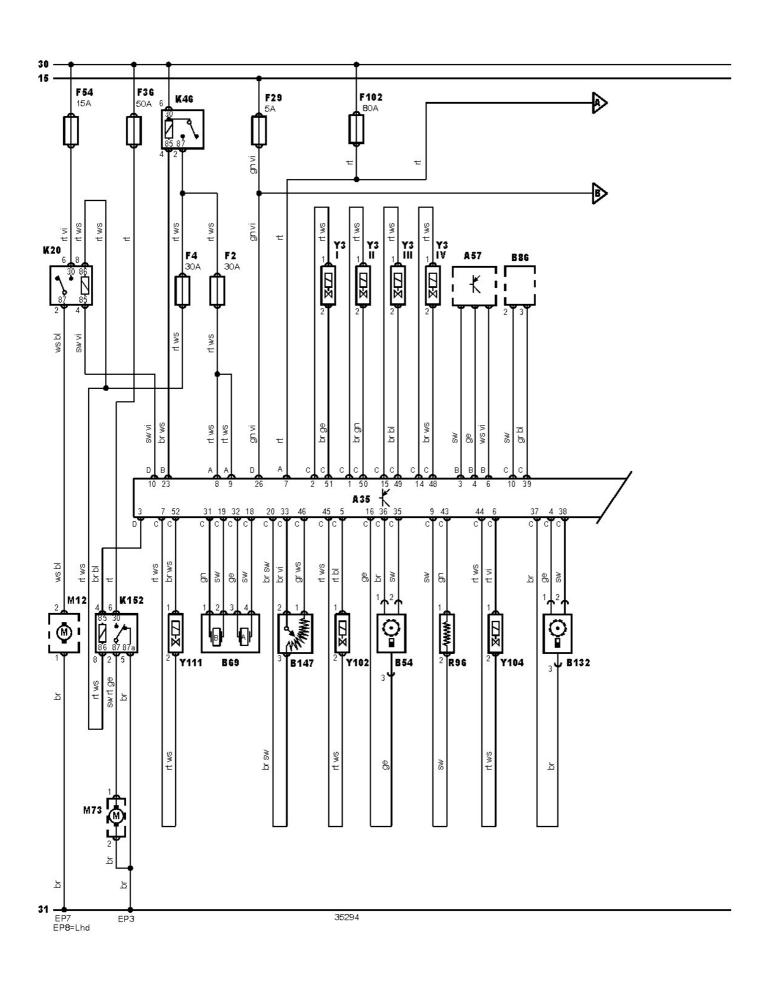
Year: 1999-01

© Autodata Limited 2010

Valid forever. 17.10.2020

V8 500- //Autodata

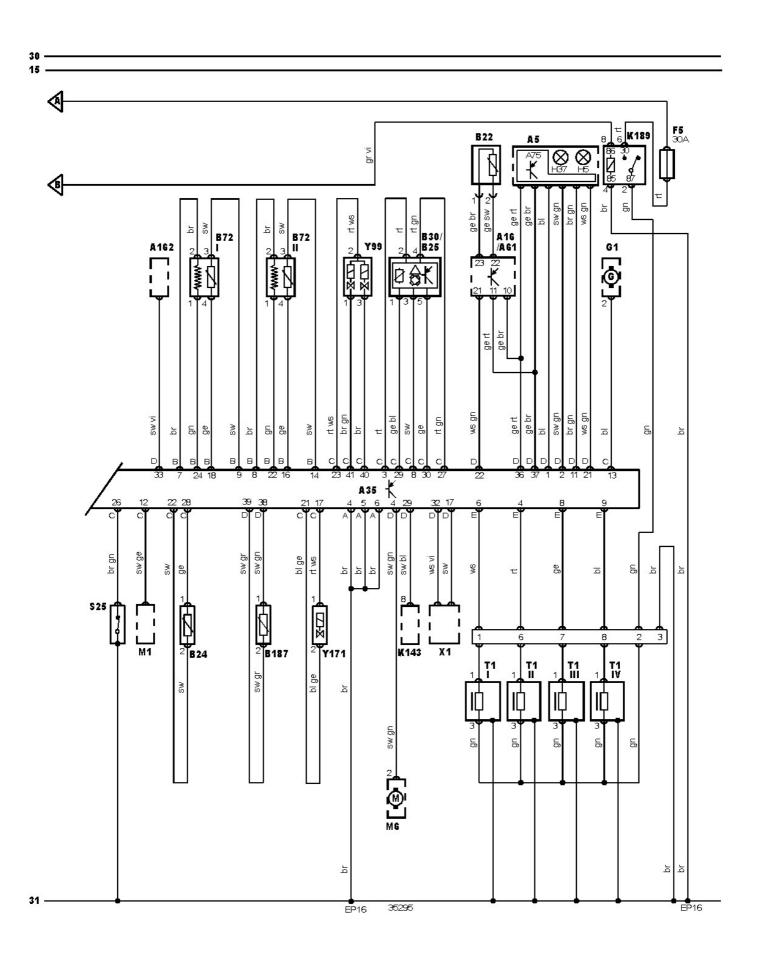
NOTE: In certain diagrams (Citroen, Peugeot & Renault), colour codes are replaced by numbers which are used to identify a particular cable and not the colour. In this instance, the cables will be numbered at each end close to the harness connector.



Manufacturer: BMW Engine code: 16 4E 3 Tuned for: R-Cat **Model:** 3 Series (E46) 1,6 316i **Output:** 77 (105) 5300

Year: 1999-01

© Autodata Limited 2010 **Valid forever.** 17.10.2020



Manufacturer: BMW Engine code: 16 4E 3 Tuned for: R-Cat

Model: 3 Series (E46) 1,6 316i **Output:** 77 (105) 5300

Year: 1999-01