

Engine connectors descriptions E12 and E28

Hans Vaalund

E12 fusebox connector

Wire colors

Pin	Wire color	Signal		
1	BK/Y	Starter solenoid voltage	BK	black
			Y	yellow
2	GR/Y	Ignition voltage, fuse 1, to combo	GR	green
3	BL	Charge warning light	W	white
4	GR	Ignition voltage	V	violet
5	BK	Coil -, to tachometer	BR	brown
6	BR/W	Temp gauge sensor	BL	blue
7	BR/GR	Oil pressure switch	R	red
8	GR/v	Input power combo relay, fused	NC	Not Connected

E28 fusebox, L-jetronic

Pin	Wire color	Signal
1	BL	Charge warning light
2	NC	
3	NC	
4	BR/W	Temp gauge sensor
5	NC	
6	GR/Y	Diag. connector
7	GR/v	Combo relay, to fuel pumps
8	BK/Y	Starter solenoid voltage
9	NC	
10	W/BK	Airbag(diag. connector)
11	NC	
12	GR	Ignition voltage
13	NC	
14	BR/GR	Oil pressure switch
15	BK/BL	Service indicator
16	NC	
17	NC	

E28 fusebox, Motoronic (525)

1	BL	Charge warning light
2		
3		
4	BR/W	Temp gauge sensor
5		
6	GR/Y	Diag. connector
7	GR/v	Combo relay, to fuel pumps
8	BK/Y	Starter solenoid voltage
9		
10		
11		
12	GR	Ignition voltage
13		
14	BR/GR	Oil pressure switch
15		
16		
17		

Wire harness connector, next to ECU

Pin	Wire color	Signal
TD	BK/BL	Ignition pulse, to tachometer
11	BR/Y	Combo relay ignition voltage, p.15
15	GR	Signal to eco meter, ECU pin 16

Combo relay

Pin	Wire color	Signal
TD	BK/BL	Ignition module pulse
15	GR	Wire harness con, ignition voltage
30	R	Battery voltage, unfused
31	BR	Ground
50	BK/Y	Starter solenoid voltage
87	R/W	Injector/ECU supply voltage
87b	GR/v	Power to fuel pumps

Diagnostic connector

BR/W	Temp gauge sensor
BK/Y	Starter solenoid voltage
BL/W	Fuse box
BK/W	Fuse box
GR/Y	Fuse box
R	Battery voltage, unfused
BL	Charge warning light
BR	Ground
BK/screened	Coil -