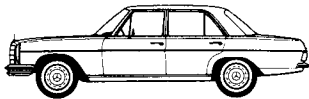


Mercedes-Benz

280

280 C



Electric Wiring Diagram

Emission control 1973

Electrical Wiring Diagram Type 280 · 280 C (114.060/073)

1	Light unit left	17	Illumination, selector lever, automatic transmission	46	Safety belt warning system	80	Control light (air conditioner)
a	High beam	18	Temperature sensor, coolant	a	Driver's seat retractor switch	81	Solenoid clutch for refrigerant compressor
b	Low beam	19	Brake light switch	b	Passenger seat retractor switch	82	Side marker light right
c	Turn signal light	20	4-way warning flasher switch	c	Switch in front passenger seat	83	Tail light — right
d	Standing / parking light	21	Brake fluid control switch	47	Relay starter/air conditioner	a	Turn signal light
e	Fog lamp	22	Flasher transmitter	48	Oil pressure switch 1.2 atu (17 psi)	b	Tail and parking light
2	Side marker light left	23	Radio	49	Rpm switch (emission control)	c	Back-up light
3	Solenoid valve for automatic transmission	24	Wiper motor	50	Relay box, emission control (5)	d	Brake light
4	Dual-tone horns (fanfares)	25	Foot pump — windshield washer	51	Change-over valve, throttle valve lift	84	Trunk light
5	Cigar lighter with ashtray illumination	26	Idle cut-off valves, carburetor	52	0.2 atu (6") vacuum switch	85	Licence plate light
6	Instrument cluster	27	Idle cut-off valves, carburetor	53	Change-over valve, exhaust recycling	86	Tail light — left
a	Turn signal control - left	28	Electric fan relay	54	Relay box, emission control (5a)	a	Turn signal light
b	Turn signal control - right	29	Door contact switch for warning bozzer	55	Change-over valve, ignition switch-over	b	Tail and parking light
c	Fuel reserve warning light	30	Thermostatic switch dehydrator (air conditioner)	56	Temperature switch 170° C (630° F) (emission control)	c	Back-up light
d	Fuel gauge	31	Fuse box, 2 fuses (auxiliary fan)	57	Ignition starter switch	d	Brake light
e	Temperature gauge	32	Door contact switch — left front	58	Rotary light switch	87	Side marker light left
f	Electric clock	33	Reading light	59	Blower motor, auxiliary fan		
g	Instrument light	34	Door contact switch — right front	60	Blower switch		
h	Rheostat — instrument lights	35	Switch for glove compartment light	61	Pre-resistance for blower motor		
i	Charge indicator light	36	Glove compartment light	62	Blower motor (heater)		
k	High beam pilot	37	Rear dome light switch	63	Thermostat and control switch (air conditioner)		
l	Service and parking brake pilot	38	Rear dome light	64	Change-over switch, cooling/heating		
7	Switch for parking brake pilot	39	Warning system relay	65	Pre-resistance 0.6 Ω		
8	Relay, cut-out air conditioner (auxiliary fan from ignition switch-over)	40	Horn ring	66	Pre-resistance 0.4 Ω		
9	Safety belt warning light	41	Combination switch	67	Transistorized ignition switching unit		
10	Light unit right	a	Turn signal light switch	68	Diagnostic plug		
a	High beam	b	Passing light switch	69	Distributor		
b	Low beam	c	Manual dimmer switch	70	Spark plugs		
c	Turn signal light	d	Wiper switch	71	Impulse trigger sensor		
d	Standing / parking light	e	Switch for wiping speed and intermittent wiping	72	Top dead center sensor		
e	Fog lamp	42	Starter-lockout and back-up light switch	73	Ignition coil		
11	Side marker light right	43	Temperature switch 65° C (149° F), emission control	74	Plug connection for tail light unit		
12	Warning buzzer	44	Kick down switch	75	Fuel tank gauge sensor		
13	Warning buzzer contact	45	Fuses	76	Alternator with electronic regulator		
14	Temperature switch: 100° C (212° F)			77	Starter		
15	Electric fan			78	Battery		
16	Carburetor heater			79	Fuse box, 2 fuses (air conditioner)		

Wire Color Code

ws = white
 gn = green
 br = brown
 ge = yellow
 gr = gray
 rs = pink
 bl = blue
 rt = red
 sw = black
 el = ivory
 nf = neutral
 vi = violet

Example:

Wire designation 1.5 gr/rt
 Basic color gr = gray
 Identification color rt = red
 Cross section of wire 1.5 = 1.5 mm²

