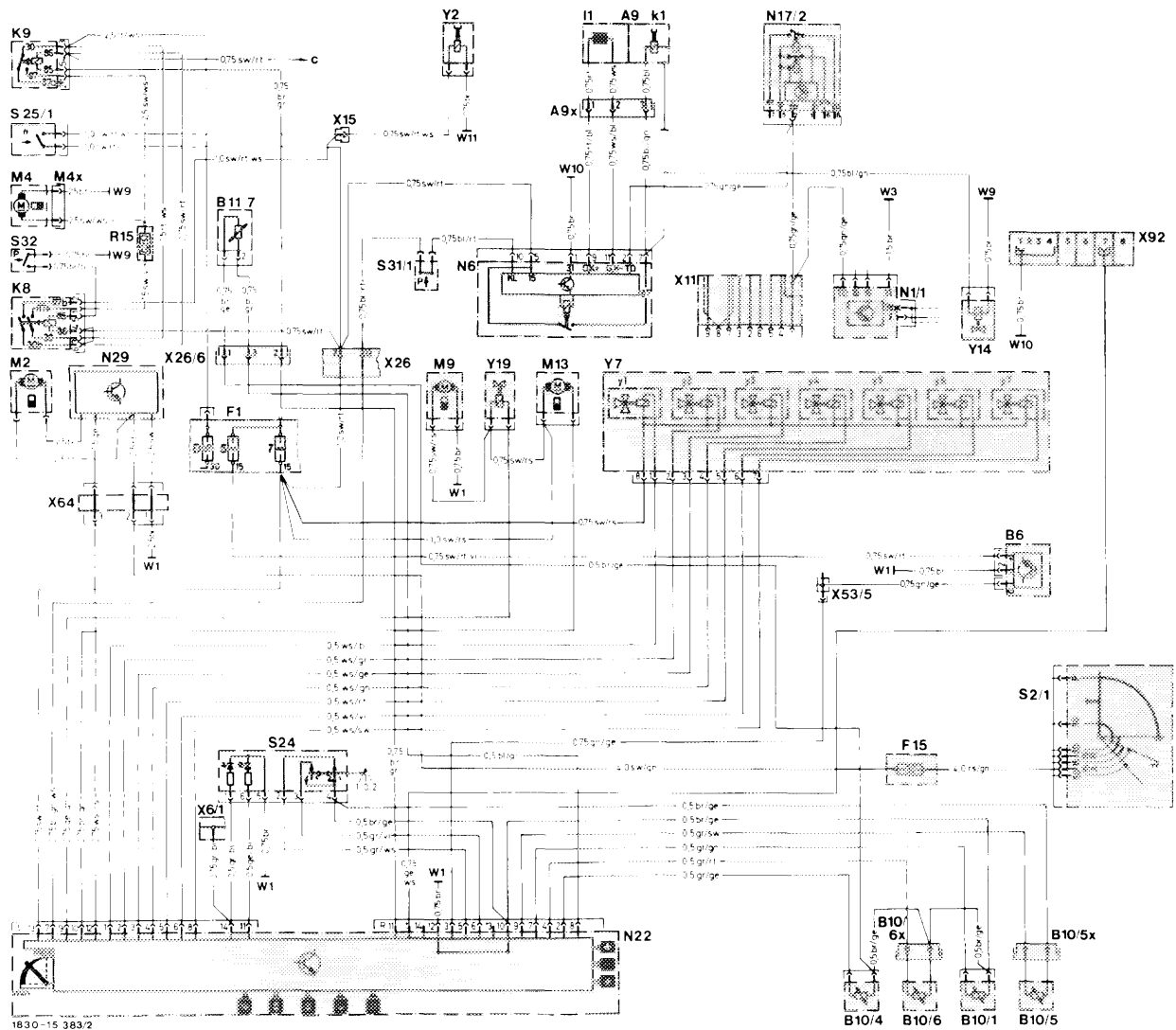


Models 124.020 standard version up to July 1987

A1 p1	Temperature display coolant	M2	Blower motor
A9	Refrigerant compressor	M4	Auxiliary fan
k1	Electromagnetic coupling	M9	Ventilation blower, temperature sensor interior air
l1	Rpm sensor	M13	Circulating pump
B6	Hall-sensor, speed	N1/1	Switching unit, transistorized ignition
B10/1	Temperature sensor, heat exchanger	N6	Control unit, compressor cutout
B10/4	Temperature sensor, interior air	N22	Automatic climate control unit
B10/5	Temperature sensor, outside air	N29	Electronic blower regulator
B10/6	Temperature sensor, evaporator	R15	Presistor, auxiliary fan
B13	Temperature sensor, coolant indicator	S24	Switch, fresh/recirculated air
F1	Fuse and relay box	S25/4	Temperature switch 100/110 °C
	Fuse 5, terminal 15	S31/1	Pressure switch, refrigerant compressor, OFF 2.0 bar/ON 2.6 bar
	Fuse 7, terminal 15	S32	Pressure switch, auxiliary fan OFF 15.0 bar/ON 20.0 bar
	Fuse 12, terminal 15X		
	Fuse D, terminal 30		
K9	Relay, auxiliary fan		
K10	Relay, auxiliary fan presistor		

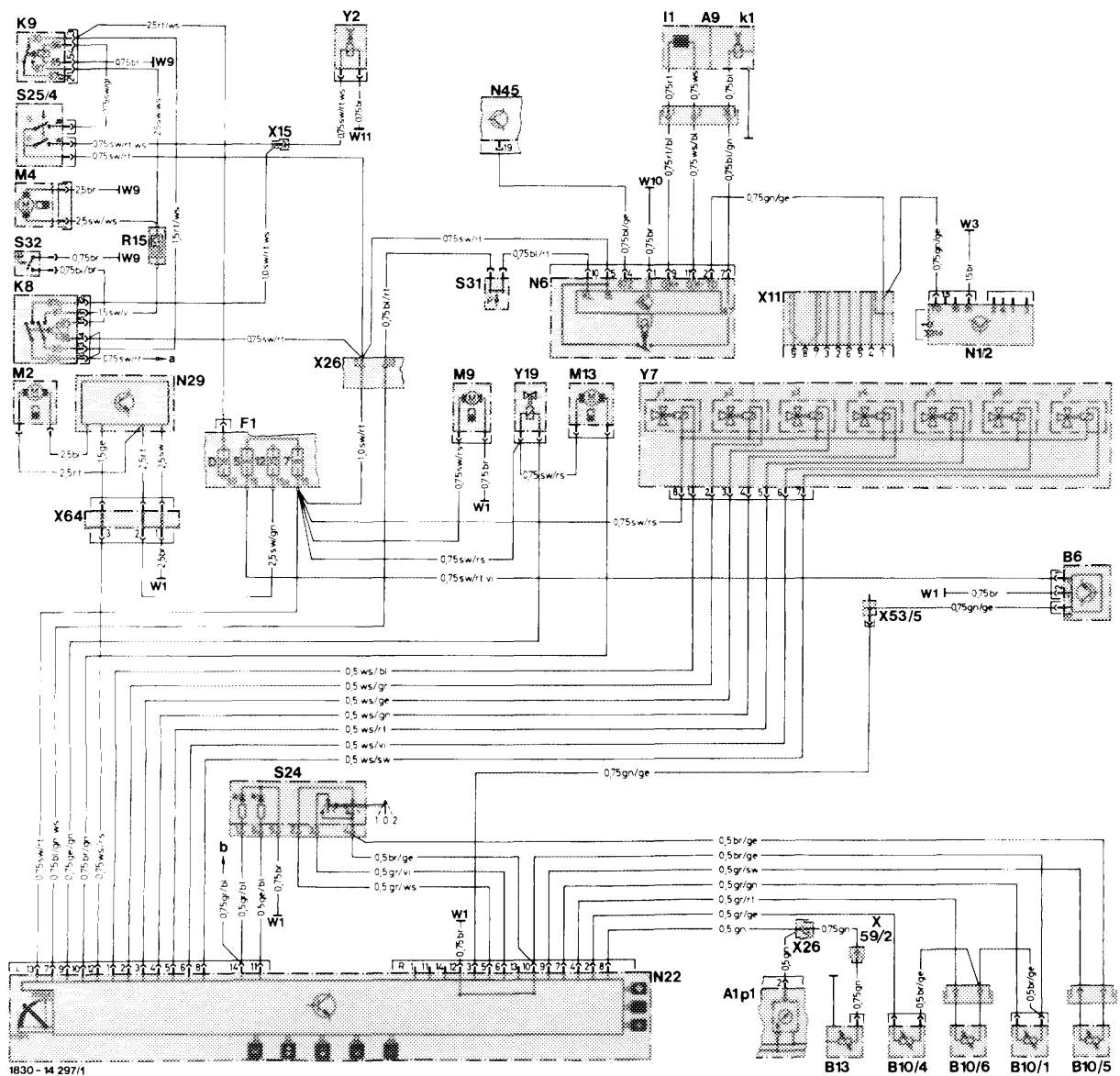
W1	Main ground (behind instrument cluster)	X64	Connector, blower regulator/interior harness
W3	Ground, wheelhouse front left (ignition coil)	Y2	Electromagnetic coupling, engine fan
W9	Ground, front left (near headlamp unit)	Y7	Switchover valve block, 7-fold
W10	Ground, battery	y1	Fresh/recirculated air flap, small lift
W11	Ground, engine (electrical cables screwed on)	y2	Fresh/recirculated air flap, large lift
		y3	Footwell flaps
		y4	Center nozzle flaps
		y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y14	Switchover valve, speed stabilization
		Y19	Mono valve, automatic climate control
		a	To X6 connector, terminal 58d, 2-pole
	Ground connection without designation, component directly on engine or body		
X11	Diagnostic socket/connector terminal TD		
X15	Connector engine fan/temperature switch 100 °C		
X26	Connector, cable harness		
X53/5	Multiple connector/Hall-sensor 6-pole		
X59/2	Connector, temperature sensor coolant		



Models 124.020/080 standard version as of August 1987

A9	Refrigerant compressor	N1/1	Switching unit, transistorized ignition
k1	Electromagnetic coupling	N6	Control unit, compressor cutout
l1	Rpm sensor	N17/1	Relay, fuel shutoff valve with kickdown lockout
A9x	Connector, refrigerant compressor	N22	Automatic climate control unit
B6	Hall-sensor, speed	N29	Electronic blower regulator
B10/1	Temperature sensor, heat exchanger	R15	Preresistor, auxiliary fan
B10/4	Temperature sensor, interior air	S2/1	Ignition starter switch
B10/5	Temperature sensor, outside air	S24	Switch, fresh/recirculated air
B10/5x	Connector, temperature sensor outside air	S25/1	Temperature switch 100 °C
B10/6	Temperature sensor, evaporator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0/30 bar ON 2.6/22 bar
B10/6x	Connector, temperature sensor evaporator	S32	Pressure switch, auxiliary fan OFF 15 bar/ON 20 bar
B11/7	Temperature sensor, coolant (blue)	W1	Main ground (behind instrument cluster)
F1	Fuse and relay box Fuse 5: 8 A Fuse 7: 8 A Fuse D: 16 A	W3	Ground, wheelhouse front left (ignition coil)
F15	Auxiliary fuse holder, blower motor	W9	Ground, front left (near headlamp unit)
K8	Double contact relay, auxiliary fan, magnetic coupling, engine fan	W10	Ground, battery
K9	Relay, auxiliary fan	W11	Ground, engine (electrical cables screwed on)
M2	Blower motor		Ground without designation, component directly on engine or body
M4	Auxiliary fan		
M9	Ventilation blower, temperature sensor interior air		
M13	Circulating pump		

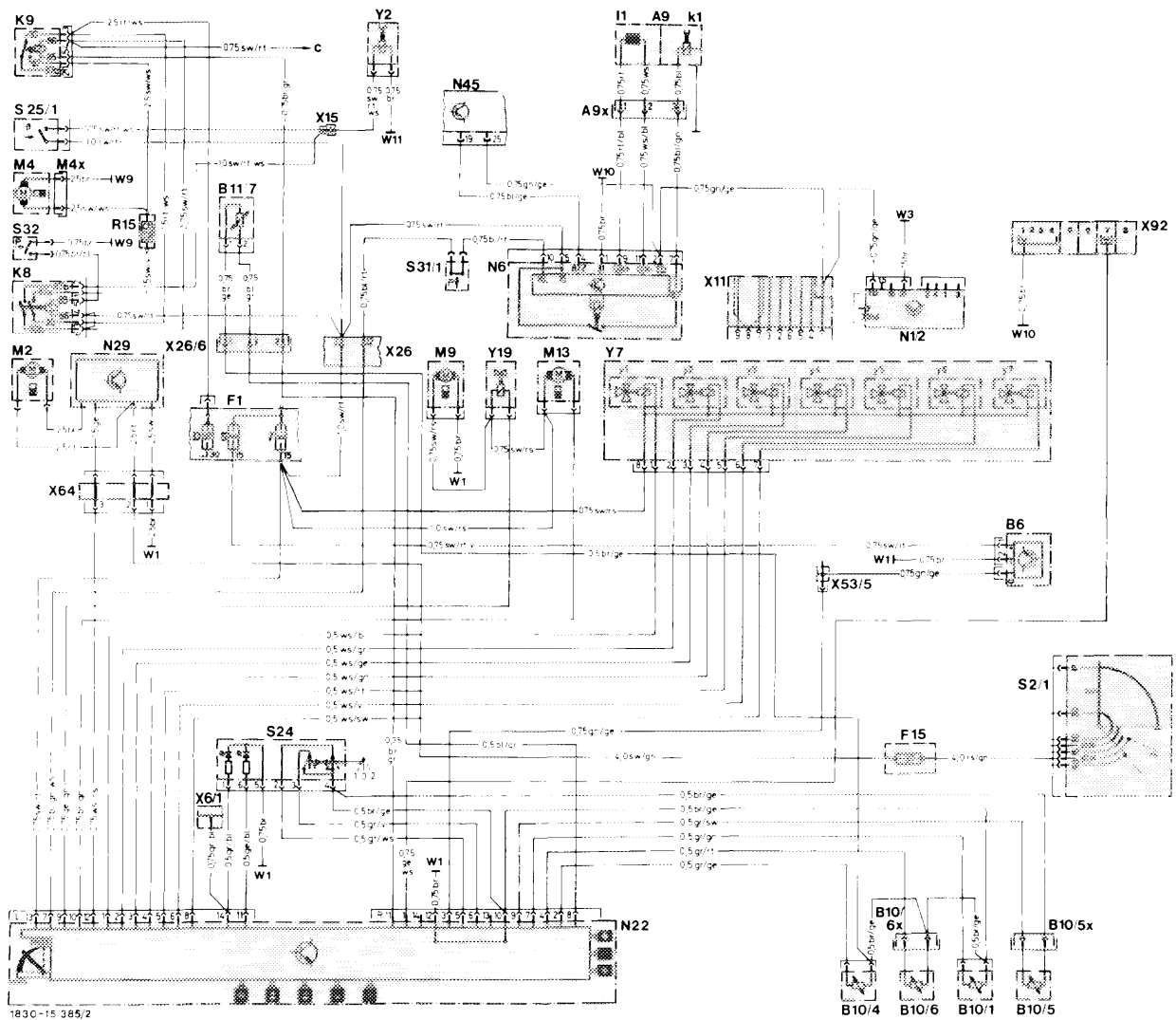
X6/1	Connector, terminal 58D	Y7	Switchover valve block, 7-fold
X11	Diagnostic socket/connector terminal TD	y1	Fresh/recirculated air flap, small lift
X15	Connector, engine fan/temperature switch 100 °C	y2	Fresh/recirculated air flap, large lift
X26	Connector, engine cable harness, 12-pole	y3	Footwell flaps
X26/6	Connector, engine cable harness, Tempmatic/automatic climate control, 3-pole	y4	Center nozzle flap
X53/5	Multiple connector/Hall-sensor	y5	Defroster nozzle flaps, large lift
X64	Connector, blower regulator/interior cable harness	y6	Diverter air flap
X92	Diagnostic test coupling, 8-pole (flash code)	y7	Defroster nozzle flaps, small lift
Y2	Electromagnetic coupling, engine fan	Y14	Switchover valve, speed stabilization
		Y19	Mono valve
		c	To the washer nozzle heating left



Model 124.020 RÜF/CAT up to July 1987

A1p1	Temperature indicator coolant	N1/2	Switching unit, transistorized ignition (EZL)
A9	Refrigerant compressor	N6	Control unit, compressor cutout
k1	Electromagnetic coupling	N22	Automatic climate control unit
I1	Rpm sensor	N29	Electronic blower regulator
B6	Hall-sensor, speed	N45	Control unit, electronic carburetor
B10/1	Temperature sensor, heat exchanger	R15	Preresistor, auxiliary fan
B10/4	Temperature sensor, interior air	S24	Switch, fresh/recirculated air
B10/5	Temperature sensor, outside air	S25/4	Temperature switch 100/110 °C
B10/6	Temperature sensor, evaporator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0 bar/ON 2.6 bar
B13	Temperature sensor, coolant display	S32	Pressure switch, auxiliary fan, OFF 15.0 bar/ON 20.0 bar
F1	Fuse and relay box	W1	Main ground (behind instrument cluster)
	Fuse 5, terminal 15	W3	Ground, wheelhouse front left (ignition coil)
	Fuse 7, terminal 15	W9	Ground, front left (near headlamp unit)
	Fuse 12, terminal 15X	W10	Ground, battery
	Fuse D, terminal 30	W11	Ground, engine (electrical cables screwed on)
K8	Double contact relay, auxiliary fan, magnetic coupling engine fan		Ground point without designation, component directly on engine or body
K9	Relay, auxiliary fan		
M2	Blower motor		
M4	Auxiliary fan		
M9	Ventilation blower, temperature sensor interior air		
M13	Circulating pump		

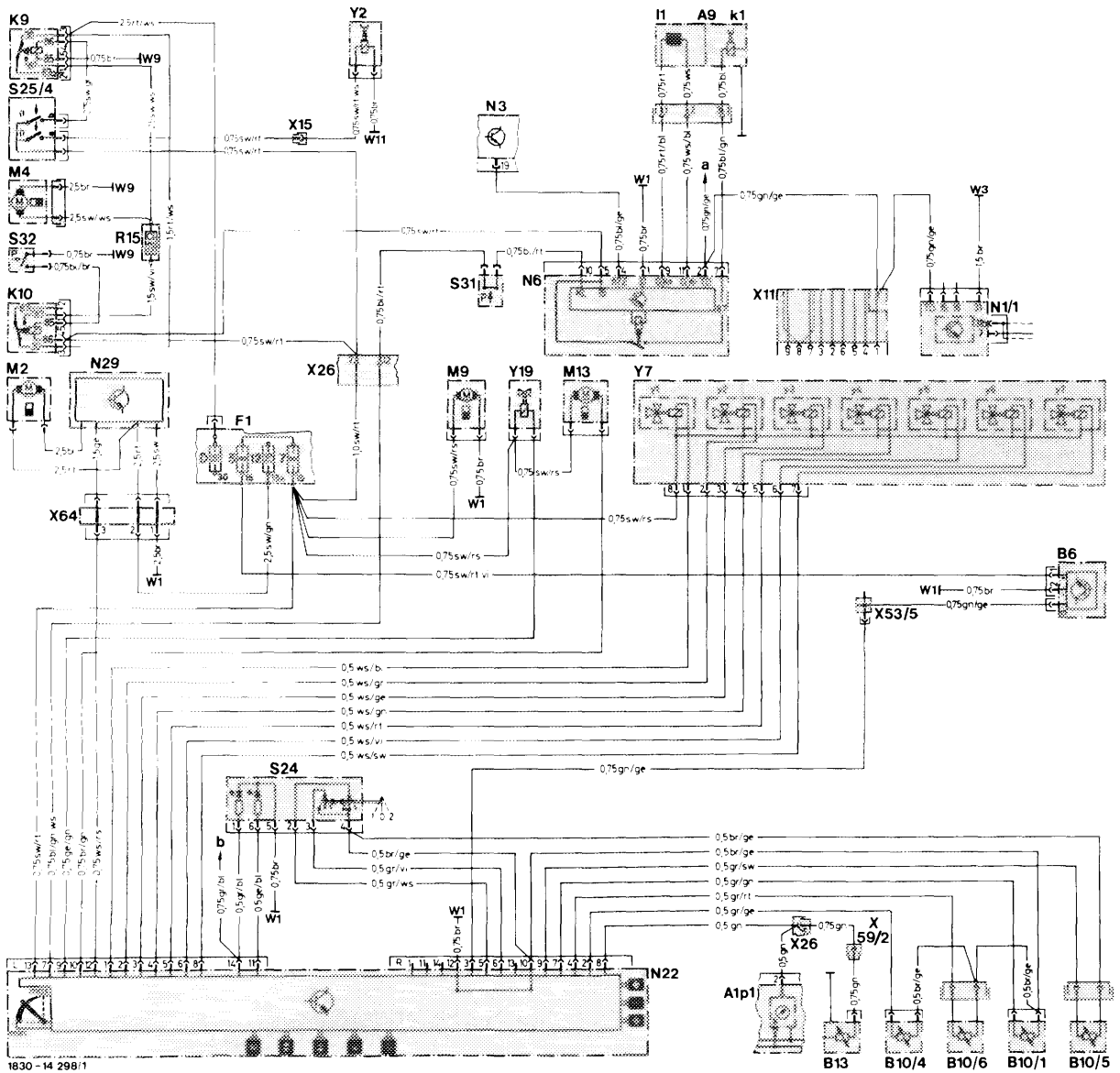
X11	Diagnostic socket/connector, terminal TD	Y7	Switchover valve block, 7-fold
X15	Connector, engine fan/temperature switch 100 °C	y1	Fresh/recirculated air flap, small lift
X26	Connector, engine cable harness, 12-pole	y2	Fresh/recirculated air flap, large lift
X53/5	Multiple connector/Hall-sensor, 6-pole	y3	Footwell flaps
X59/2	Connector, temperature sensor coolant	y4	Center nozzle flap
X64	Connector, blower regulator/interior cable harness	y5	Defroster nozzle flaps, large lift
Y2	Electromagnetic coupling, engine fan	y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		a	To the washer nozzle heating, left
		b	To the X6 connector, terminal 58d, 2-pole



Models 124.020/080 RUF/CAT as of August 1987

A9	Refrigerant compressor	M9	Ventilation blower, temperature sensor interior air
k1	Electromagnetic coupling	N1/2	Switching unit, transistorized ignition (EZL)
l1	Rpm sensor	N6	Control unit, compressor cutout
A9x	Connector, refrigerant compressor	N22	Automatic climate control unit
B6	Hall-sensor, speed	N29	Electronic blower regulator
B10/1	Temperature sensor, heat exchanger	N45	Control unit, electronic carburetor
B10/4	Temperature sensor, interior air	R15	Presistor, auxiliary fan
B10/5	Temperature sensor, outside air	S2/1	Ignition starter switch
B10/5x	Connector, temperature sensor outside air	S24	Switch, fresh/recirculated air
B10/6	Temperature sensor, evaporator	S25/1	Temperature switch 100 °C
B10/6x	Connector, temperature sensor evaporator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0/30 bar/ON 2.6/22 bar
B11/7	Temperature sensor, coolant (blue)	S32	Pressure switch, auxiliary fan OFF 15 bar/ON 20 bar
F1	Fuse and relay box Fuse 5: 8 A Fuse 7: 8 A Fuse D: 16 A	W3	Ground, wheelhouse front left (ignition coil)
F15	Auxiliary fuse holder, blower motor	W9	Ground, front left (near headlamp unit)
K8	Double contact relay, auxiliary fan, magnetic coupling, engine fan	W10	Ground, battery
K9	Relay, auxiliary fan	W11	Ground, engine (electrical cables screwed on)
M2	Blower motor		Ground without designation, component directly on engine or body
M4	Auxiliary fan		

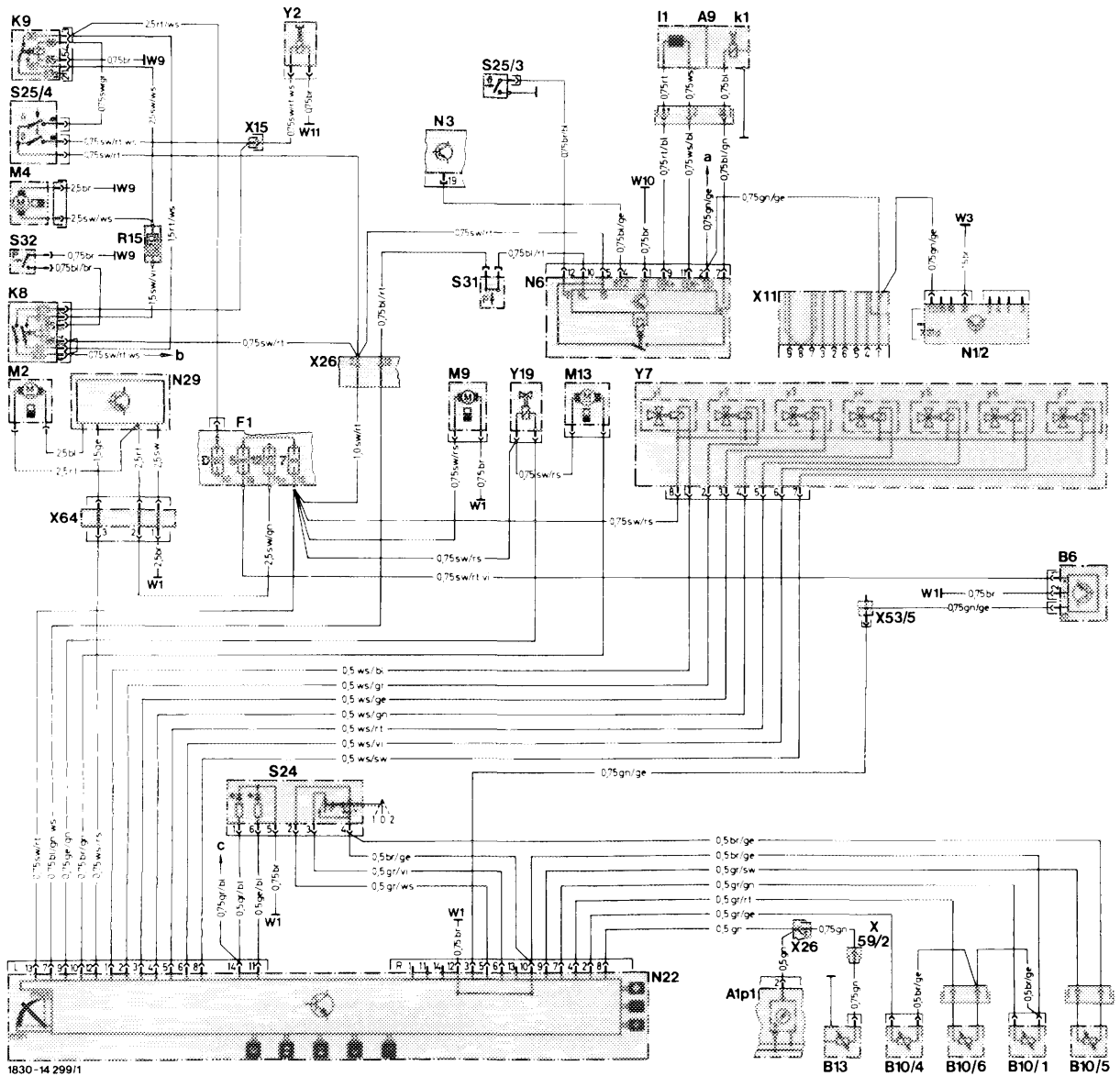
X6/1	Connector, terminal 58D	Y2	Electromagnetic coupling, engine fan
X11	Diagnostic socket/connector terminal TD	Y7	Switchover valve block, 7-fold
X15	Connector, engine fan/temperature switch 100 °C	y1	Fresh/recirculated air flap, small lift
X26	Connector, engine cable harness, 12-pole	y2	Fresh/recirculated air flap, large lift
M13	Circulating pump	y3	Footwell flaps
M26/6	Connector, engine cable harness, Tempmatic/automatic climate control, 3-pole	y4	Center nozzle flap
X53/5	Multiple connector/Hall-sensor	y5	Defroster nozzle flaps, large lift
X64	Connector, blower regulator/interior cable harness	y6	Diverter air flap
X92	Diagnostic test coupling, 8-pole (flash code)	y7	Defroster nozzle flaps, small lift
		Y19	Mono valve
		c	To the washer nozzle heating left



Model 124.023 standard version up to July 1985

A1	p1	Temperature indicator, coolant	N1/1	Switching unit, transistorized ignition (EZL)
A9		Refrigerant compressor	N3	Control unit CIS-E
	k1	Electromagnetic coupling	N6	Control unit, compressor cutout
	l1	Rpm sensor	N22	Automatic climate control unit
B6		Hall-sensor, speed	N29	Electronic blower regulator
B10/1		Temperature sensor, heat exchanger	R15	Preresistor, auxiliary fan
B10/4		Temperature sensor, interior air	S24	Switch, fresh/recirculated air
B10/5		Temperature sensor, outside air	S25/4	Temperature switch 100/110 °C
B10/6		Temperature sensor, evaporator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0 bar/ON 2.6 bar
B13		Temperature sensor, coolant indicator	S32	Pressure switch, auxiliary fan, OFF 15.0 bar/ON 20.0 bar
F1		Fuse and relay box		
		Fuse 5, terminal 15	W1	Main ground (behind instrument cluster)
		Fuse 7, terminal 15	W3	Ground, wheelhouse front left (ignition coil)
		Fuse 12, terminal 15X	W9	Ground, front left (near headlamp unit)
		Fuse D, terminal 30	W11	Ground, engine (electrical cable screwed on)
K9		Relay, auxiliary fan		
K10		Relay, auxiliary fan, preresistor		
M2		Blower motor		
M4		Auxiliary fan		
M9		Ventilation blower, temperature sensor interior air		
M13		Circulating pump		
				Ground connection without designation, component directly on engine or body

X11	Diagnostic socket/connector terminal TD	Y7	Switchover valve block, 7-fold
X15	Connector, engine fan/temperature switch 100 °C	y1	Fresh/recirculated air flap, small lift
X26	Connector, cable harness, 12-pole	y2	Fresh/recirculated air flap, large lift
X53/5	Multiple connector/Hall-sensor 6-pole	y3	Footwell flaps
X59/2	Connector, temperature sensor coolant	y4	Center nozzle flap
X64	Connector, blower regulator/interior cable harness	y5	Defroster nozzle flaps, large lift
Y2	Electromagnetic coupling, engine fan	y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		a	To the coupling, relay, fuel pump, jack 10
		b	To the X6 connector, terminal 58d, 2-pole

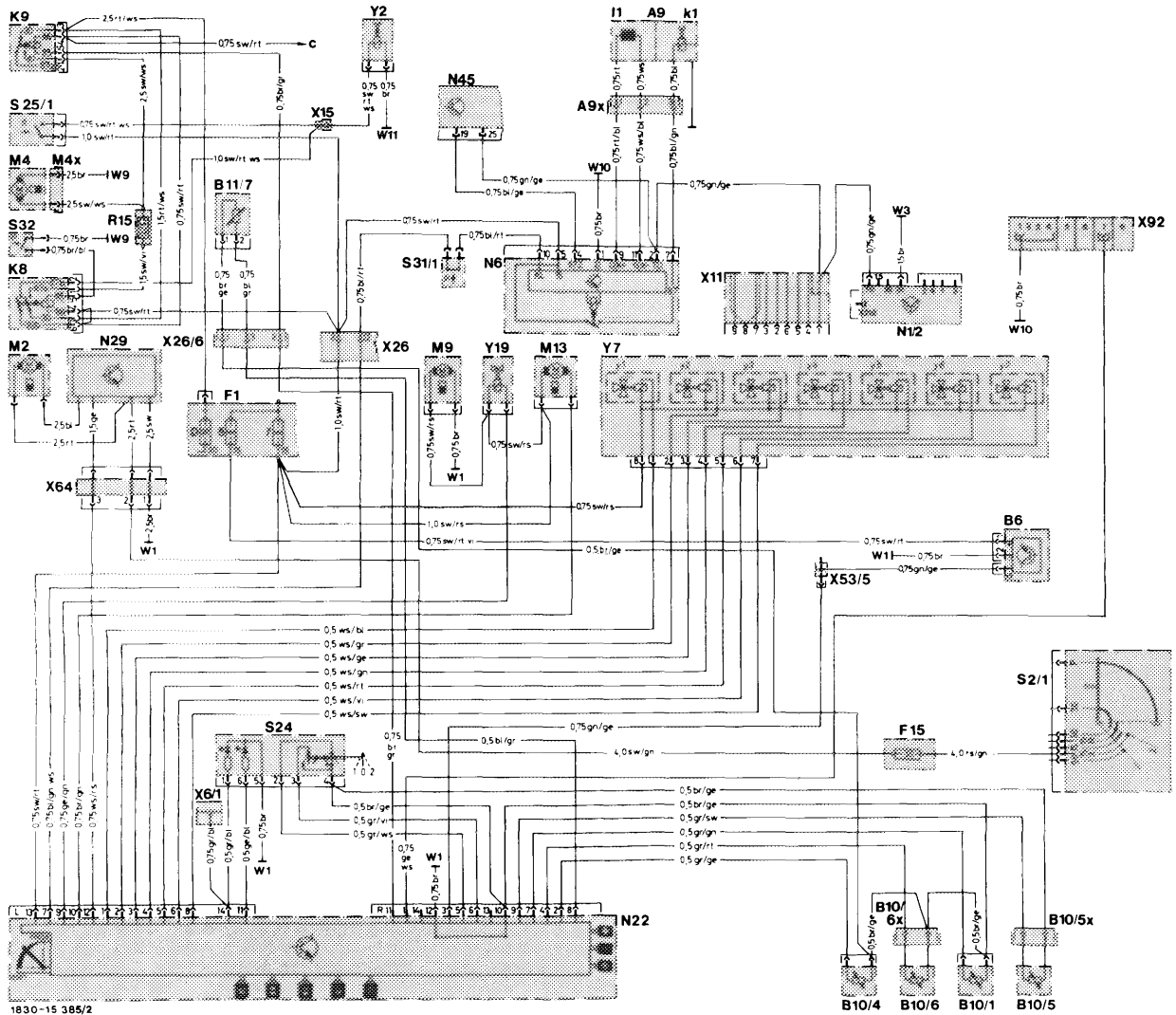


1830-14 299/1

Model 124.023/043/083 RUF/CAT as of August 1985 to July 1987

A1	p1	Temperature indicator, coolant	N1/1	Switching unit, transistorized ignition (EZL)
A9		Refrigerant compressor	N3	Control unit CIS-E
	k1	Electromagnetic coupling	N6	Control unit, compressor cutout
	l1	Rpm sensor	N22	Automatic climate control unit
B6		Hall-sensor, speed	N29	Electronic blower regulator
B10/1		Temperature sensor, heat exchanger	R15	Preresistor, auxiliary fan
B10/4		Temperature sensor, interior air	S24	Switch, fresh/recirculated air
B10/5		Temperature sensor, outside air	S25/3	Temperature switch 110 °C
B10/6		Temperature sensor, evaporator	S25/4	Temperature switch 100/110 °C
B13		Temperature sensor, coolant indicator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0 bar/ON 2.6 bar
F1		Fuse and relay box Fuse 5, terminal 15 Fuse 12, terminal 15X Fuse D, terminal 30	S32	Pressure switch, auxiliary fan, OFF 15.0 bar/ON 20.0 bar
K8		Double contact relay, auxiliary fan, magnetic coupling, engine fan	W1	Main ground (behind instrument cluster)
K9		Relay, auxiliary fan	W3	Ground, wheelhouse front left (ignition coil)
K10		Relay, auxiliary fan, preresistor	W9	Ground, front left (near headlamp unit)
M2		Blower motor	W11	Ground, engine (electrical cables screwed on)
M4		Auxiliary fan		
M9		Ventilation blower, temperature sensor interior air		
M13		Circulating pump		
				Ground connection without designation, component directly on engine or body

X11	Diagnostic socket/connector terminal TD	Y7	Switchover valve block, 7-fold
X15	Connector, engine fan/temperature switch 100 °C	y1	Fresh/recirculated air flap, small lift
X26	Connector, cable harness, 12-pole	y2	Fresh/recirculated air flap, large lift
X53/5	Multiple connector/Hall-sensor 6-pole	y3	Footwell flaps
X59/2	Connector, temperature sensor coolant	y4	Center nozzle flap
X64	Connector, blower regulator/interior cable harness	y5	Defroster nozzle flaps, large lift
Y2	Electromagnetic coupling, engine fan	y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		a	To the coupling, relay, fuel pump, jack 10
		b	To the washer nozzle heating left
		c	To the X6 connector, terminal 58d, 2-pole

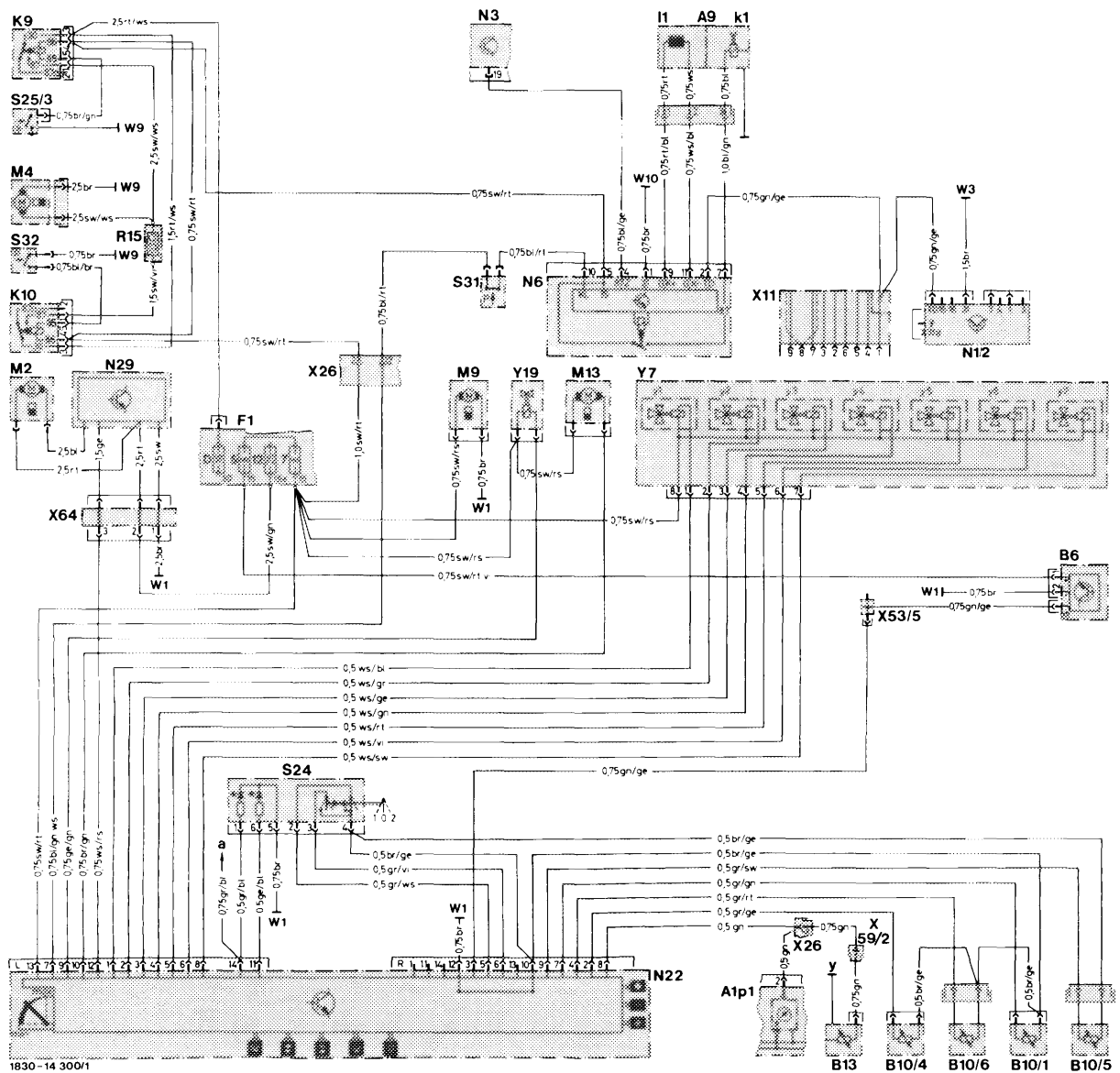


1830-15 385/2

Models 124.023/043/083 RÜF/CAT as of August 1987

A9	Refrigerant compressor	N1/2	Switching unit, transistorized ignition (EZL)
k1	Electromagnetic coupling	N3	Control unit CIS-E
l1	Rpm sensor	N6	Control unit, compressor cutout
A9x	Connector, refrigerant compressor	N22	Automatic climate control unit
B6	Hall-sensor, speed	N29	Electronic blower regulator
B10/1	Temperature sensor, heat exchanger	R15	Preresistor, auxiliary fan
B10/4	Temperature sensor, interior air	S2/1	Ignition starter switch
B10/5	Temperature sensor, outside air	S24	Switch, fresh/recirculated air
B10/5x	Connector, temperature sensor outside air	S25/1	Temperature switch 100 °C
B10/6	Temperature sensor, evaporator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0/30 bar/ON 2.6/22 bar
B10/6x	Connector, temperature sensor evaporator	S32	Pressure switch, auxiliary fan, OFF 15 bar/ON 20 bar
B10/6x	Connector, temperature sensor evaporator	W3	Ground, wheelhouse front left (ignition coil)
B11/7	Temperature sensor, coolant (blue)	W9	Ground, front left (near headlamp unit)
F1	Fuse and relay box	W10	Ground, battery
	Fuse 5: 8 A	W11	Ground, engine (electrical cables screwed on)
	Fuse 7: 8 A		
	Fuse D: 16 A		
F15	Auxiliary fuse holder, blower motor		
K8	Double contact relay, auxiliary fan, magnetic coupling, engine fan		
K9	Relay, auxiliary fan		
M2	Blower motor		
M4	Auxiliary fan		
M9	Ventilation blower, temperature sensor interior air		
			Ground without designation, component directly on engine or body

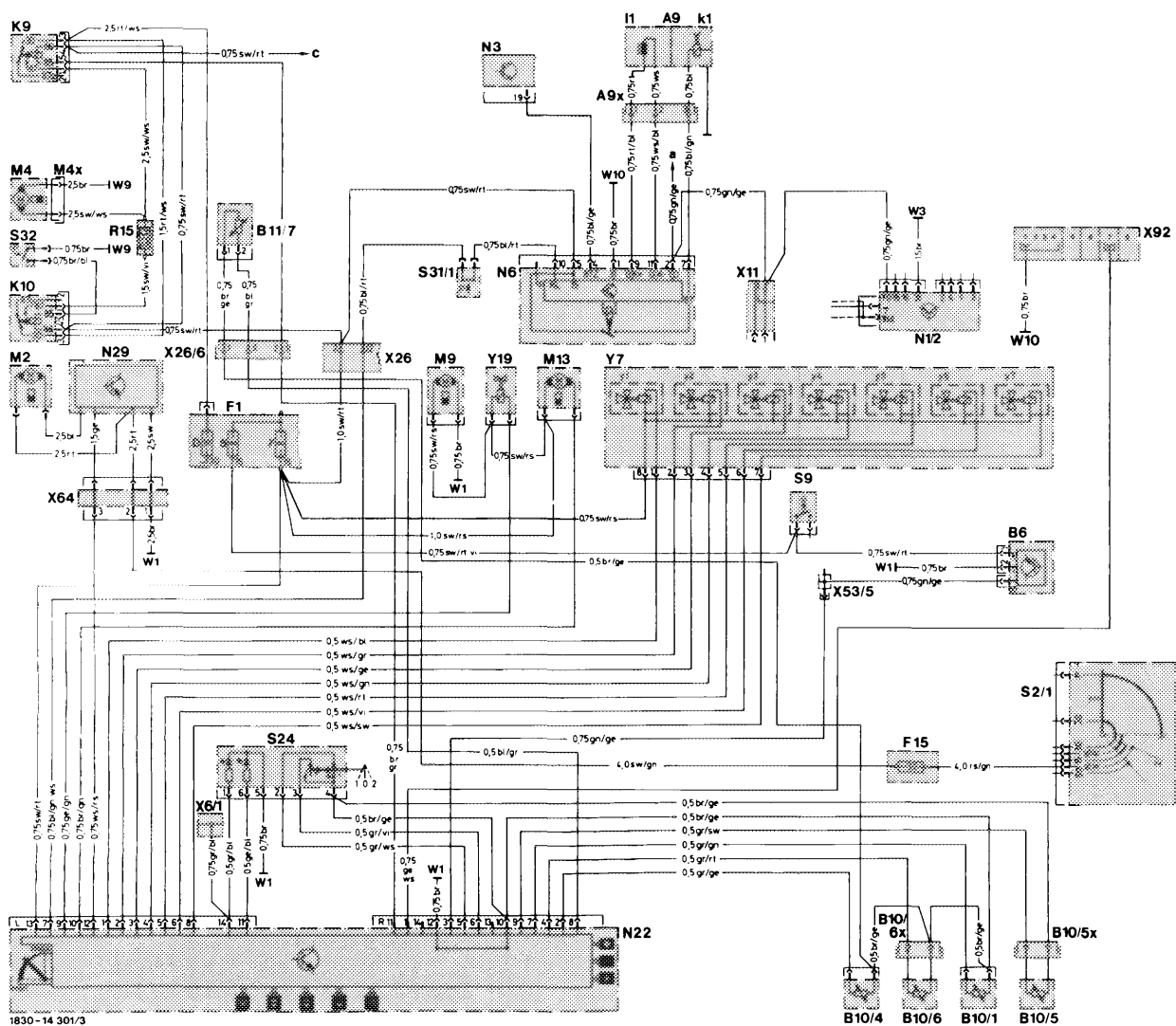
X6/1	Connector, terminal 58D	Y2	Electromagnetic coupling, engine fan
X11	Diagnostic socket/connector terminal TD	Y7	Switchover valve block, 7-fold
X15	Connector, engine fan/temperature switch 100 °C	y1	Fresh/recirculated air flap, small lift
X26	Connector, engine cable harness, 12-pole	y2	Fresh/recirculated air flap, large lift
M13	Circulating pump	y3	Footwell flaps
X26/6	Connector, engine cable harness, Tempmatic/automatic climate control, 3-pole	y4	Center nozzle flap
X53/5	Multiple connector/Hall-sensor	y5	Defroster nozzle flaps, large lift
X64	Connector, blower regulator/interior cable harness	y6	Diverter air flap
X92	Diagnostic test coupling, 8-pole (flash code)	y7	Defroster nozzle flaps, small lift
		Y19	Mono valve
		a	To the relay, fuel pump, jack 10
		c	To the washer nozzle heating left



Model 124.030 standard version up to July 1985

A1	p1	Temperature indicator coolant	N1/2	Switching unit, transistorized ignition (EZL)
A9		Refrigerant compressor	N3	Control unit, CIS-E
	k1	Electromagnetic coupling	N6	Control unit, compressor cutout
	I1	Rpm sensor	N22	Automatic climate control unit
B6		Hall-sensor, speed	N29	Electronic blower regulator
B10/1		Temperature sensor, heat exchanger	R15	Presistor, auxiliary fan
B10/4		Temperature sensor, interior air	S24	Switch, fresh/recirculated air
B10/5		Temperature sensor, outside air	S25/3	Temperature switch 110 °C
B10/6		Temperature sensor, evaporator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0 bar/ON 2.6 bar
B13		Temperature sensor, coolant indicator	S32	Pressure switch, auxiliary fan, OFF 15.0 bar/ON 20.0 bar
F1		Fuse and relay box	W1	Main ground (behind instrument cluster)
		Fuse 5, terminal 15	W3	Ground, wheelhouse front left (ignition coil)
		Fuse 7, terminal 15X	W9	Ground, front left (near headlamp unit)
		Fuse 12, terminal 30	W10	Ground, battery
K9		Relay, auxiliary fan		
K10		Relay, auxiliary fan presistor		
M2		Blower motor		
M4		Auxiliary fan		
M9		Ventilation blower, temperature sensor interior air		
M13		Circulating pump		
				Ground connection without designation, component directly on engine or body

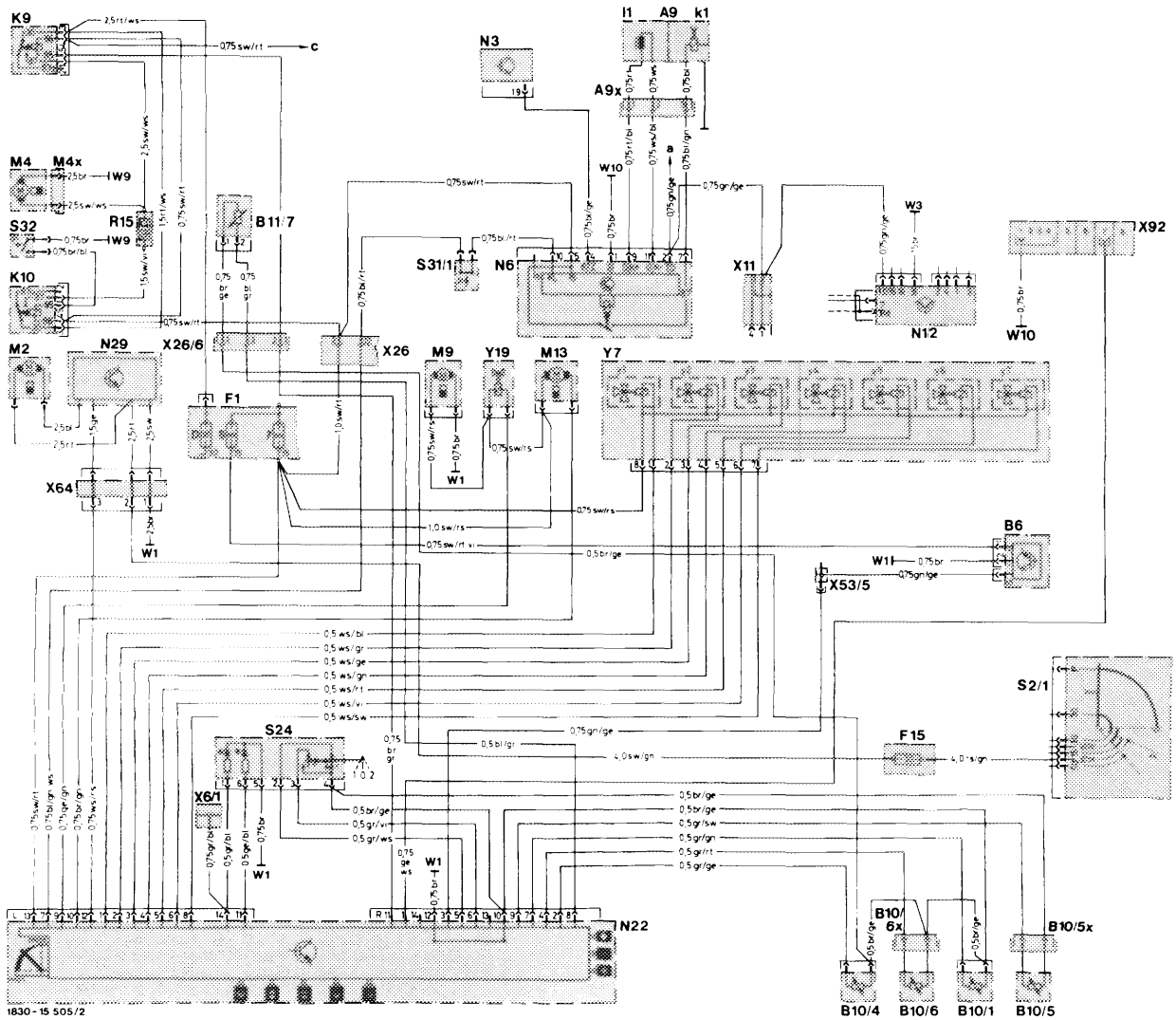
X11	Diagnostic socket/connector, terminal TD	Y7	Switchover valve block, 7-fold
X26	Connector, engine cable harness, 12-pole	y1	Fresh/recirculated air flap, small lift
X53/5	Multiple connector/Hall-sensor, 6-pole	y2	Fresh/recirculated air flap, large lift
X59/2	Connector, temperature sensor coolant	y3	Footwell flaps
X64	Connector, blower regulator/interior cable harness	y4	Center nozzle flap
		y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		a	To X6 connector, terminal 58d, 2-pole



Model 124.026/030/050/090/226/230/290 RÜF/CAT as of August 1985 up to July 1987

A1	p1	Temperature indicator coolant	N1/2	Switching unit, transistorized ignition (EZL)
A9		Refrigerant compressor	N3	Control unit, CIS-E
	k1	Electromagnetic coupling	N6	Control unit, compressor cutout
	l1	Rpm sensor	N22	Automatic climate control unit
B6		Hall-sensor, speed	N29	Electronic blower regulator
B10/1		Temperature sensor, heat exchanger	R15	Preresistor, auxiliary fan
B10/4		Temperature sensor, interior air	S24	Switch, fresh/recirculated air
B10/5		Temperature sensor, outside air	S25/5	Temperature switch 105/115 °C
B10/6		Temperature sensor, evaporator		a 105 °C for auxiliary fan
B13		Temperature sensor, coolant indicator		b 115 °C for compressor/emergency cutout
F1		Fuse and relay box	S31/1	Pressure switch, refrigerant compressor, OFF 2.0 bar/ON 2.6 bar
		Fuse 5, terminal 15	S32	Pressure switch, auxiliary fan, OFF 15.0 bar/ON 20.0 bar
		Fuse 7, terminal 15	W1	Main ground (behind instrument cluster)
		Fuse 12, terminal 15X	W3	Ground, wheelhouse front left (ignition coil)
		Fuse D, terminal 30	W9	Ground, front left (near headlamp unit)
K9		Relay, auxiliary fan	W10	Ground, battery
K10		Relay, auxiliary fan preresistor		Ground connection without designation, component directly on engine or body
M2		Blower motor		
M4		Auxiliary fan		
M9		Ventilation blower, temperature sensor interior air		
M13		Circulating pump		

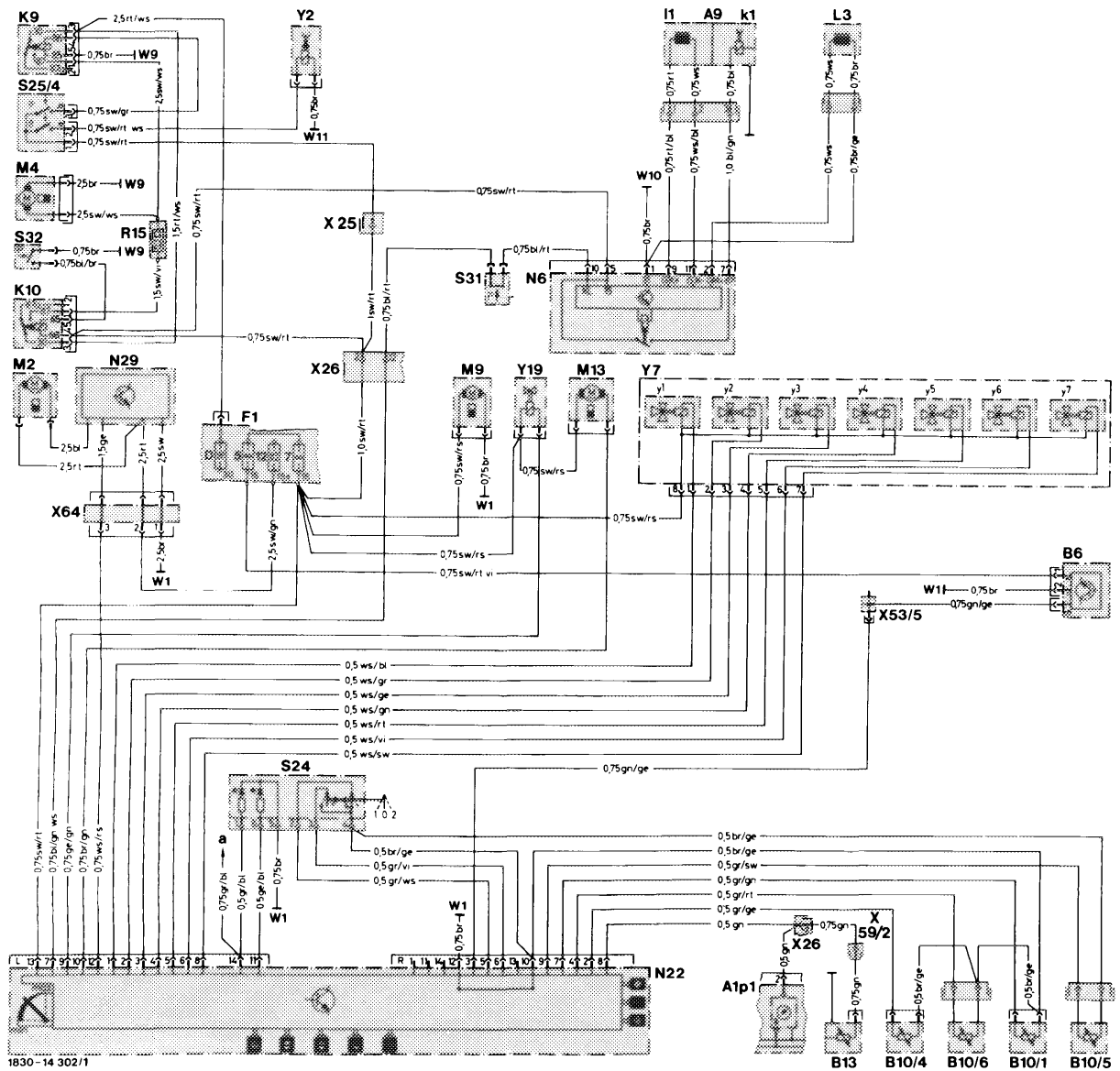
X11	Diagnostic socket/connector, terminal TD	Y7	Switchover valve block, 7-fold
X26	Connector, engine cable harness, 12-pole	y1	Fresh/recirculated air flap, small lift
X53/5	Multiple connector/Hall-sensor, 6-pole	y2	Fresh/recirculated air flap, large lift
X59/2	Connector, temperature sensor coolant	y3	Footwell flaps
X64	Connector, blower regulator/interior cable harness	y4	Center nozzle flap
		y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		a	To the coupling, relay, fuel pump, jack 10
		b	To the washer nozzle heating, left
		c	To X6 connector, terminal 58d, 2-pole



Models 124.026/030/050/090/226/230/290 as of August 1987

A9	Refrigerant compressor	N1/2	Switching unit, transistorized ignition (EZL)
k1	Electromagnetic coupling	N3	Control unit CIS-E
i1	Rpm sensor	N6	Control unit, compressor cutout
A9x	Connector, refrigerant compressor	N22	Automatic climate control unit
B6	Hall-sensor, speed	N29	Electronic blower regulator
B10/1	Temperature sensor, heat exchanger	R15	Preresistor, auxiliary fan
B10/4	Temperature sensor, interior air	S2/1	Ignition starter switch
B10/5	Temperature sensor, outside air	S24	Switch, fresh/recirculated air
B10/5x	Connector, temperature sensor outside air	S31/1	Pressure switch, refrigerant compressor, OFF 2.0/30 bar ON 2.6/22 bar
B10/6	Temperature sensor, evaporator	S32	Pressure switch, auxiliary fan OFF 15 bar/ON 20 bar
B10/6x	Connector, temperature sensor evaporator	W1	Main ground (behind instrument cluster)
B11/7	Temperature sensor, coolant (blue)	W3	Ground, wheelhouse front left (ignition coil)
F1	Fuse and relay box Fuse 5: 8 A Fuse 7: 8 A Fuse D: 16 A	W9	Ground, front left (near headlamp unit)
F15	Auxiliary fuse holder, blower motor	W10	Ground, battery
K9	Relay, auxiliary fan		Ground without designation, component directly on engine or body
K10	Relay, auxiliary fan preresistor		
M2	Blower motor		
M4	Auxiliary fan		
M9	Ventilation blower, temperature sensor interior air		
M13	Circulating pump		

X6/1	Connector, terminal 58D	Y7	Switchover valve block, 7-fold
X11	Diagnostic socket/connector, terminal TD	y1	Fresh/recirculated air flap, small lift
X26	Connector, engine cable harness, 12-pole	y2	Fresh/recirculated air flap, large lift
X26/6	Connector, engine cable harness, Tempmatic/automatic climate control, 3-pole	y3	Footwell flaps
X53/5	Multiple connector/Hall-sensor	y4	Center nozzle flap
X64	Connector, blower regulator/interior cable harness	y5	Defroster nozzle flaps, large lift
X92	Diagnostic test coupling, 8-pole (flash code)	y6	Diverter air flap
Y2	Electromagnetic coupling, engine fan	y7	Defroster nozzle flaps, small lift
		Y19	Mono valve
		a	To the relay, fuel pump, jack 10
		c	To the washer nozzle heating, left



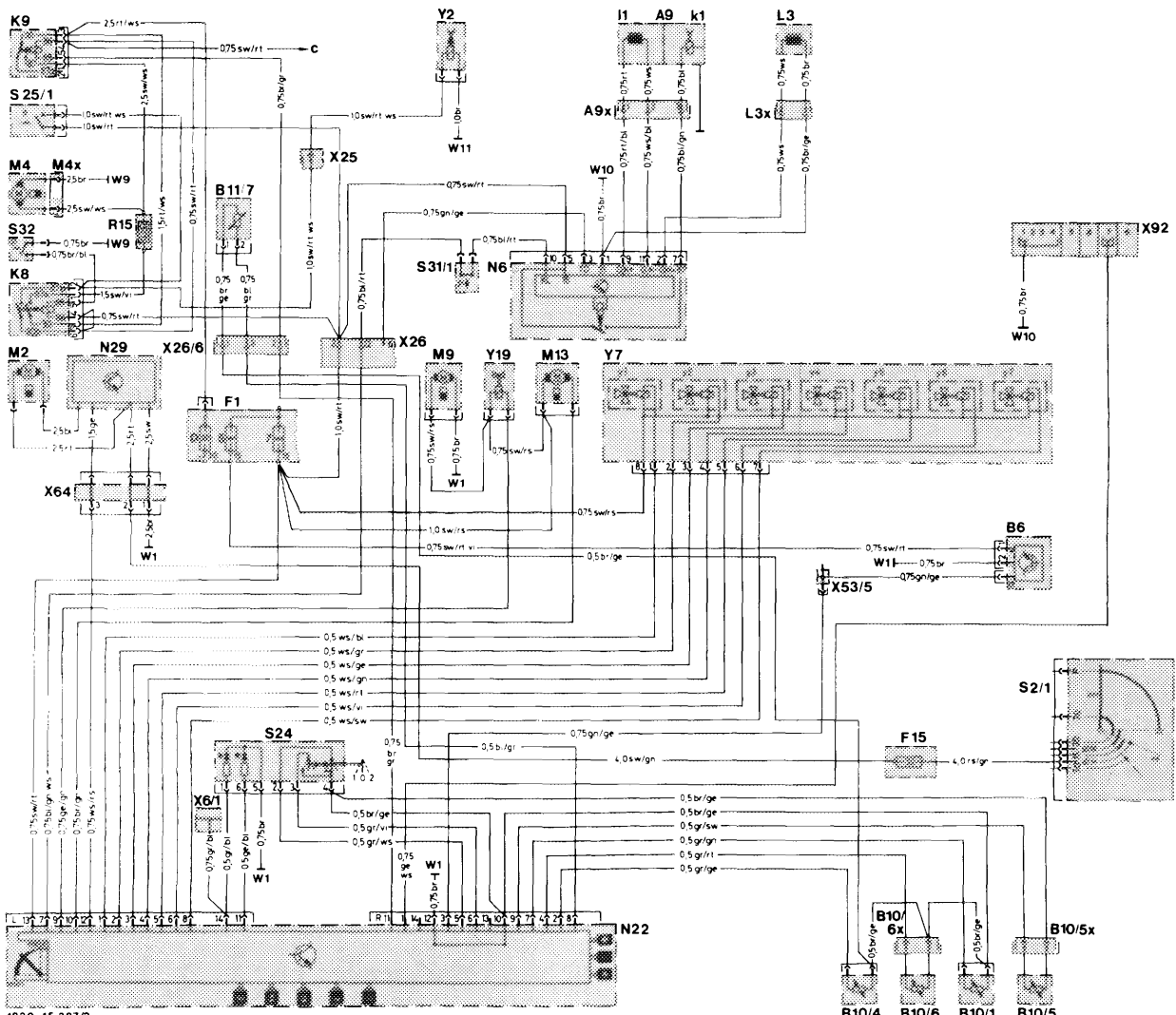
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Model 124.120 with manual transmission up to July 1985

A1	p1	Temperature indicator coolant	M9	Ventilation blower, temperature sensor interior air
A9		Refrigerant compressor	M13	Circulating pump
	k1	Electromagnetic coupling	N6	Control unit, compressor cutout
	l1	Rpm sensor	N22	Automatic climate control unit
B6		Hall-sensor, speed	N29	Electronic blower regulator
B10/1		Temperature sensor, heat exchanger	R15	Preresistor, auxiliary fan
B10/4		Temperature sensor, interior air	S24	Switch, fresh/recirculated air
B10/5		Temperature sensor, outside air	S25/4	Temperature switch 100/110 °C
B10/6		Temperature sensor, evaporator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0 bar/ON 2.6 bar
B13		Temperature sensor, coolant indicator	S32	Pressure switch, auxiliary fan, OFF 15.0 bar/ON 20.0 bar
F1		Fuse and relay box	W1	Main ground (behind instrument cluster)
		Fuse 5, terminal 15	W9	Ground, front left (near headlamp unit)
		Fuse 7, terminal 15	W10	Ground, battery
		Fuse 12, terminal 15X	W11	Ground, engine (electrical cable screwed on)
		Fuse D, terminal 30		
K9		Relay, auxiliary fan		
K10		Relay, auxiliary fan preresistor		
L3		Rpm sensor, starter ring gear		
M2		Blower motor		
M4		Auxiliary fan		
				Ground connection without designation, component directly on engine or body

X25	Connector, preheating cable harness	Y2	Electromagnetic coupling, engine fan
X26	Connector, engine cable harness, 12-pole	Y7	Switchover valve block, 7-fold
X53/5	Multiple connector/Hall-sensor, 6-pole	y1	Fresh/recirculated air flap, small lift
X59/2	Connector, temperature sensor coolant	y2	Fresh/recirculated air flap, large lift
X64	Connector, blower regulator/interior cable harness	y3	Footwell flaps
		y4	Center nozzle flap
		y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		a	To X6 connector, terminal 58d, 2-pole

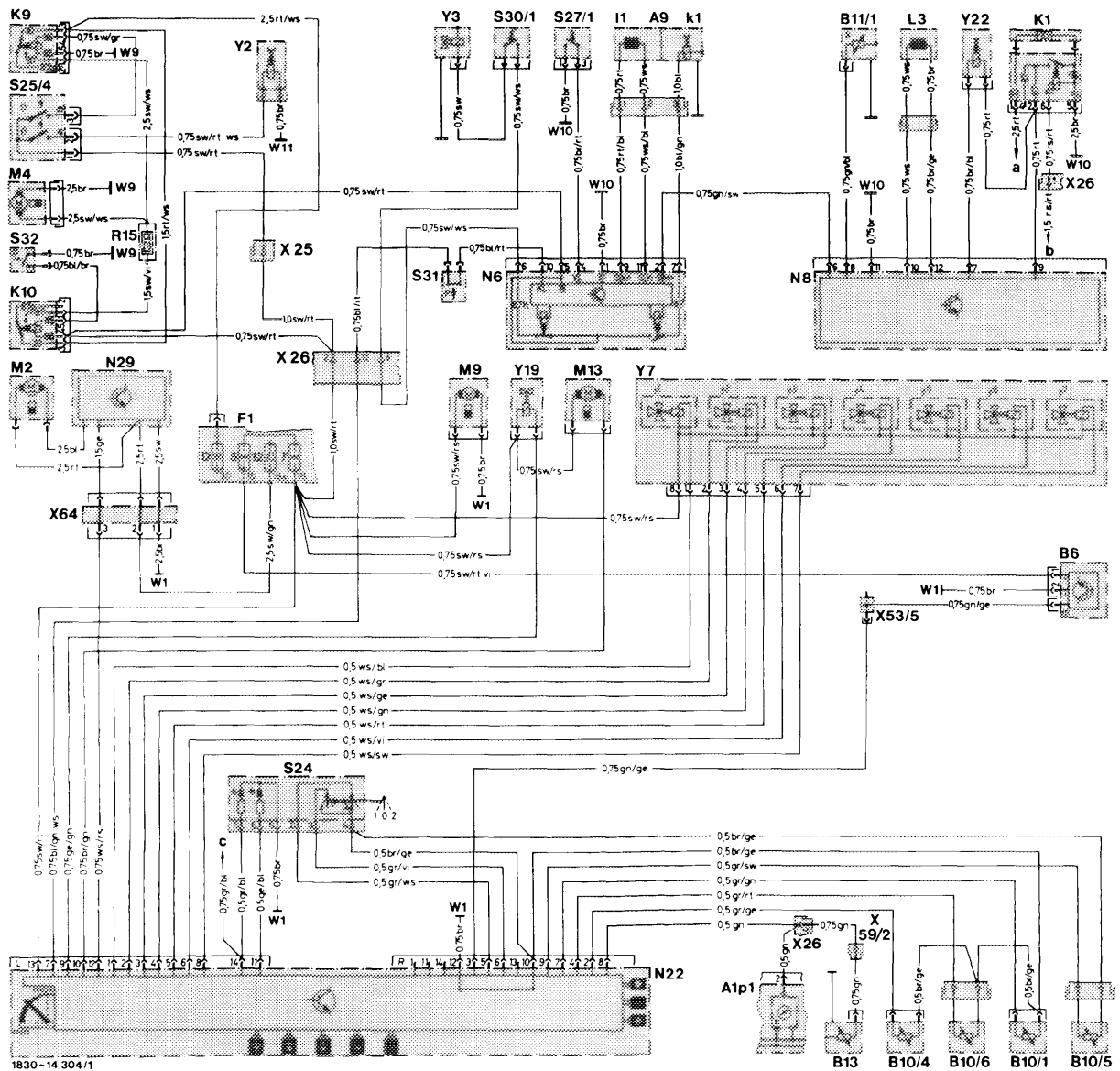
X25	Connector, preheating cable harness	Y7	Switchover valve block, 7-fold
X26	Connector, engine cable harness, 12-pole	y1	Fresh/recirculated air flap, small lift
X53/5	Multiple connector/Hall-sensor, 6-pole	y2	Fresh/recirculated air flap, large lift
X59/2	Connector, temperature sensor coolant	y3	Footwell flaps
X64	Connector, blower regulator/interior cable harness	y4	Center nozzle flap
Y2	Electromagnetic coupling, engine fan	y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		a	To the washer nozzle heating, left
		b	To X6 connector, terminal 58d, 2-pole



Models 124.120/180 with manual transmission as of August 1987

A9	Refrigerant compressor	M2	Blower motor
k1	Electromagnetic coupling	M4	Auxiliary fan
l1	Rpm sensor	M9	Ventilation blower, temperature sensor interior air
A9x	Connector, refrigerant compressor	M13	Circulating pump
B6	Hall-sensor, speed	N6	Control unit, compressor cutout
B10/1	Temperature sensor, heat exchanger	N22	Automatic climate control unit
B10/4	Temperature sensor, interior air	N29	Electronic blower regulator
B10/5	Temperature sensor, outside air	R15	Presistor, auxiliary fan
B10/5x	Connector, temperature sensor outside air	S2/2	Glow-starter switch
B10/6	Temperature sensor, evaporator	S24	Switch, fresh/recirculated air
B10/6x	Connector, temperature sensor evaporator	S25/1	Temperature switch 100 °C
B11/7	Temperature sensor, coolant (blue)	S31/1	Pressure switch, refrigerant compressor, OFF 2.0/30 bar ON 2.6/22 bar
F1	Fuse and relay box Fuse 5: 8 A Fuse 7: 8 A Fuse D: 16 A	S32	Pressure switch, auxiliary fan OFF 15 bar/ON 20 bar
F15	Auxiliary fuse holder, blower motor	W1	Main ground (behind instrument cluster)
K8	Double contact relay, auxiliary fan, magnetic coupling, engine fan	W9	Ground, front left (near headlamp unit)
K9	Relay, auxiliary fan	W10	Ground, battery
L3	Rpm sensor, starter ring gear		Ground without designation, component directly on engine or body
L3x	Connector, rpm sensor, starter ring gear		

X6/1	Connector, terminal 58D	Y7	Switchover valve block, 7-fold
X25	Connector, preheating cable harness	y1	Fresh/recirculated air flap, small lift
X26	Connector, engine cable harness, 12-pole	y2	Fresh/recirculated air flap, large lift
X26/6	Connector, engine cable harness, Tempmatic/automatic climate control, 3-pole	y3	Footwell flaps
X53/5	Multiple connector/Hall-sensor	y4	Center nozzle flap
X64	Connector, blower regulator/interior cable harness	y5	Defroster nozzle flaps, large lift
X92	Diagnostic test coupling, 8-pole (flash code)	y6	Diverter air flap
Y2	Electromagnetic coupling, engine fan	y7	Defroster nozzle flaps, small lift
		Y19	Mono valve
		c	To the washer nozzle heating, left



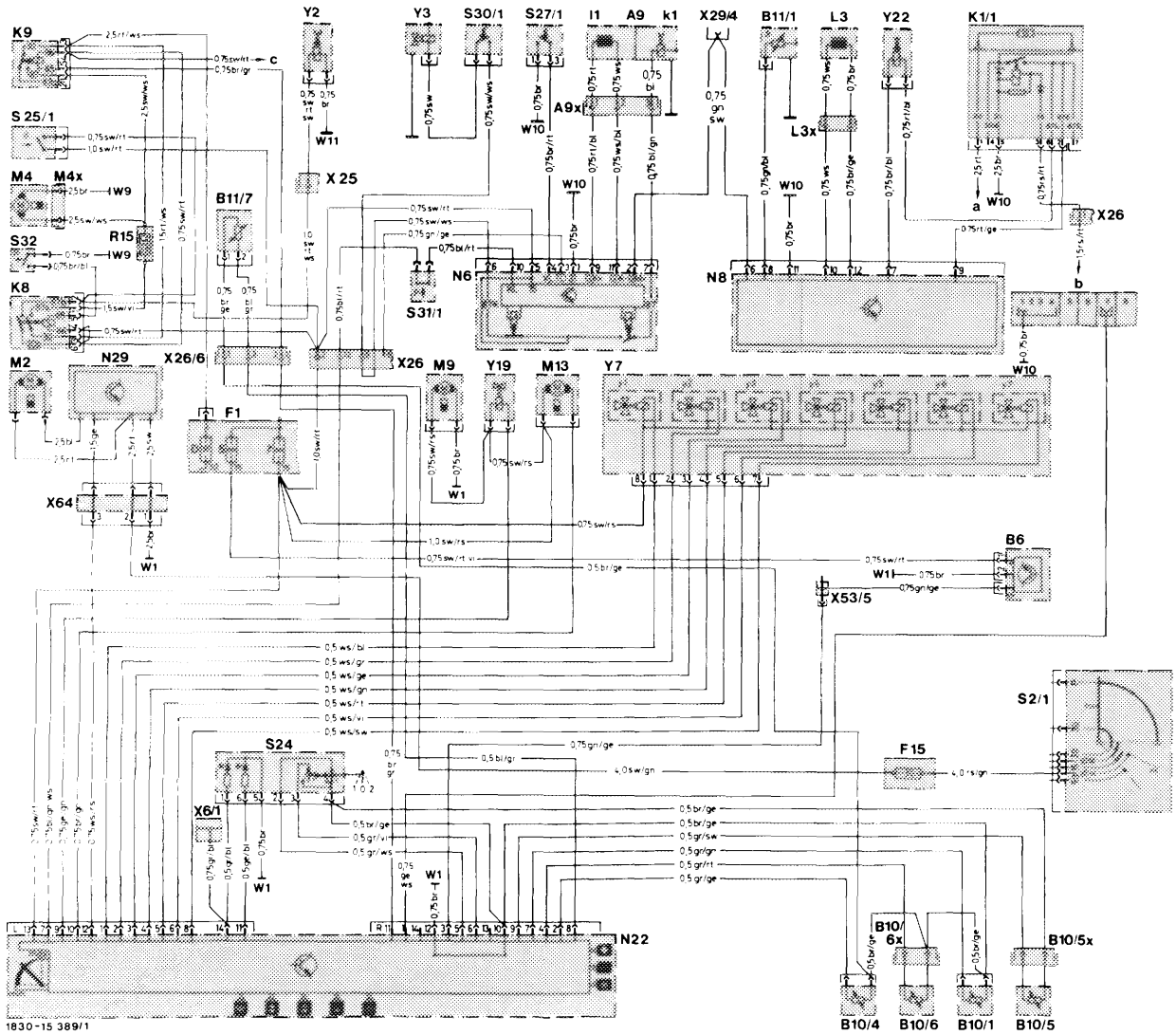
Model 124.120 with automatic transmission up to July 1985

A1 p1	Temperature indicator coolant	M2	Blower motor
A9	Refrigerant compressor	M4	Auxiliary fan
k1	Electromagnetic coupling	M9	Ventilation blower, temperature sensor interior air
l1	Rpm sensor	M13	Circulating pump
B6	Hall-sensor, speed	N6	Control unit, compressor cutout
B10/1	Temperature sensor, heat exchanger	N22	Automatic climate control unit
B10/4	Temperature sensor, interior air	N29	Electronic blower regulator
B10/5	Temperature sensor, outside air	R15	Pre-resistor, auxiliary fan
B10/6	Temperature sensor, evaporator	S24	Switch, fresh/recirculated air
B11/1	Temperature sensor, coolant (ELR)	S25/4	Temperature switch 100/110 °C
B13	Temperature sensor, coolant indicator	S30/1	Kickdown switch
F1	Fuse and relay box	S31/1	Pressure switch, refrigerant compressor, OFF 2.0 bar/ON 2.6 bar
	Fuse 5, terminal 15	S32	Pressure switch, auxiliary fan, OFF 15.0 bar/ON 20.0 bar
	Fuse 7, terminal 15		
	Fuse 12, terminal 15X		
	Fuse D, terminal 30		
K1	Relay, overvoltage protection	W1	Main ground (behind instrument cluster)
K9	Relay, auxiliary fan	W9	Ground, front left (near headlamp unit)
K10	Relay, auxiliary fan pre-resistor	W10	Ground, battery
L3	Rpm sensor, starter ring gear	W11	Ground, engine (electric cable screwed on)

Ground connection without designation, component directly on engine or body

X25	Connector, preheating cable harness	Y7	Switchover valve block, 7-fold
X26	Connector, engine cable harness, 12-pole	y1	Fresh/recirculated air flap, small lift
X53/5	Multiple connector/Hall-sensor, 6-pole	y2	Fresh/recirculated air flap, large lift
X59/2	Connector, temperature sensor coolant	y3	Footwell flaps
X64	Connector, blower regulator/interior cable harness	y4	Center nozzle flap
Y2	Electromagnetic coupling, engine fan	y5	Defroster nozzle flaps, large lift
Y3	Switchover valve, automatic transmission	y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		Y22	Actuating magnet ELR
		a	To X35 connector, terminal 30
		b	To fuse and relay box, terminal 15, unprotected
		c	To X6 connector, terminal 58d, 2-pole

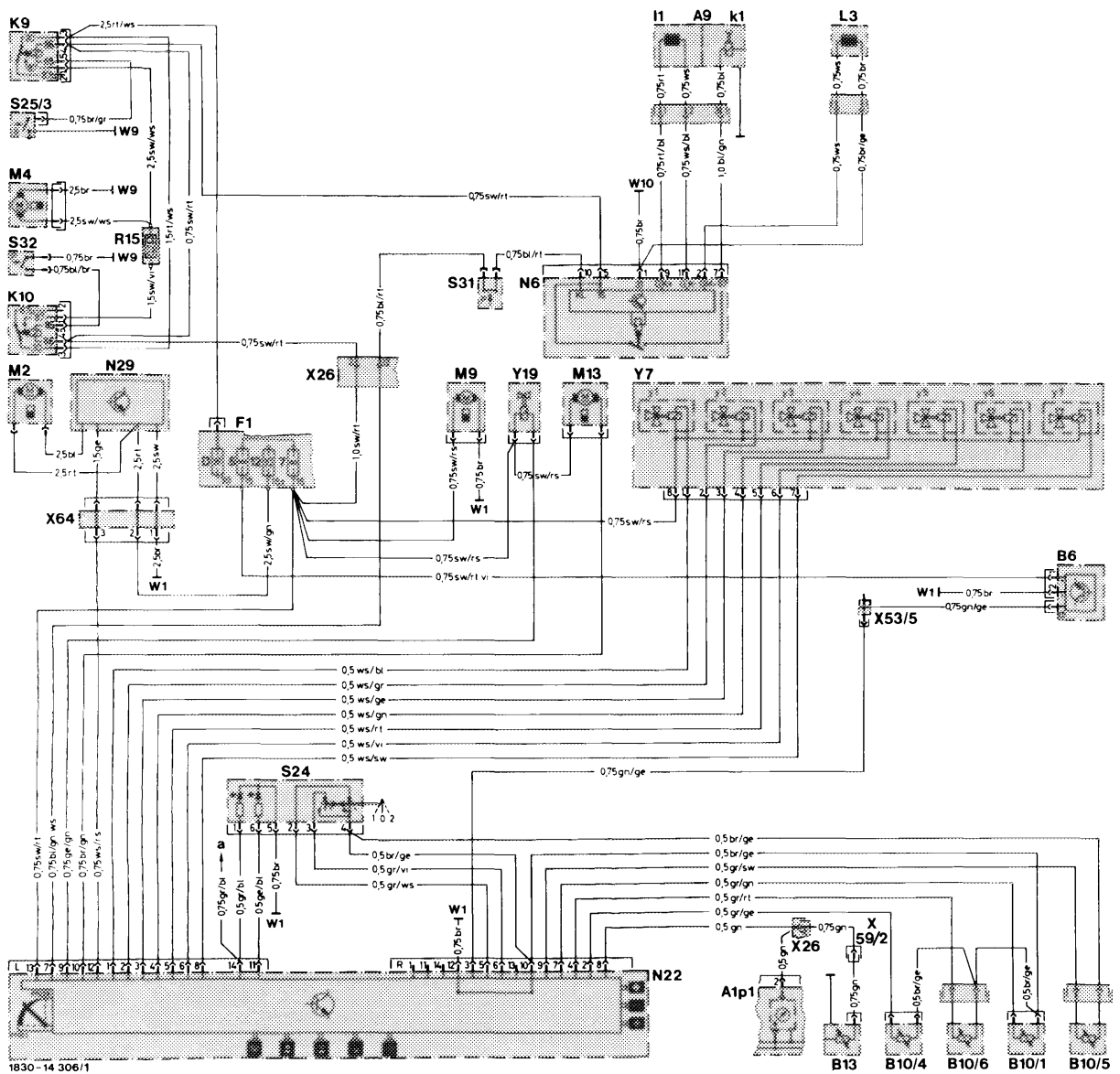
X25	Connector, preheating cable harness	Y7	Switchover valve block, 7-fold
X26	Connector, engine cable harness, 12-pole	y1	Fresh/recirculated air flap, small lift
X29/4	Test coupling TD (EDS), 1-pole	y2	Fresh/recirculated air flap, large lift
X53/5	Multiple connector/Hall-sensor, 6-pole	y3	Footwell flaps
X59/2	Connector, temperature sensor coolant	y4	Center nozzle flap
X64	Connector, blower regulator/interior cable harness	y5	Defroster nozzle flaps, large lift
Y2	Electromagnetic coupling, engine fan	y6	Diverter air flap
Y3	Switchover valve, automatic transmission	y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		Y22	Actuating magnet ELR
		a	To X35 connector, terminal 30
		b	To fuse and relay box, terminal 15, unprotected
		c	To washer nozzle heater, left
		d	To X6 connector, terminal 58d, 2-pole



Models 124.120/180 with automatic transmission as of August 1987

A9	Refrigerant compressor	M2	Blower motor
k1	Electromagnetic coupling	M4	Auxiliary fan
I1	Rpm sensor	M9	Ventilation blower, temperature sensor interior air
A9x	Connector, refrigerant compressor	M13	Circulating pump
B6	Hall-sensor, speed	N6	Control unit, compressor cutout
B10/1	Temperature sensor, heat exchanger	N22	Automatic climate control unit
B10/4	Temperature sensor, interior air	N29	Electronic blower regulator
B10/5	Temperature sensor, outside air	R15	Preresistor, auxiliary fan
B10/5x	Connector, temperature sensor outside air	S2/2	Glow-starter switch
B10/6	Temperature sensor, evaporator	S24	Switch, fresh/recirculated air
B10/6x	Connector, temperature sensor evaporator	S25/1	Temperature switch 100 °C
B11/7	Temperature sensor, coolant (blue)	S27/1	Microswitch, compressor cutout
F1	Fuse and relay box	S30/1	Kickdown switch
	Fuse 5: 8 A	S31/1	Pressure switch, refrigerant compressor, OFF 2.0/30 bar ON 2.6/22 bar
	Fuse 7: 8 A	S32	Pressure switch, auxiliary fan OFF 15 bar/ON 20 bar
	Fuse D: 16 A	S32	Pressure switch, auxiliary fan OFF 15 bar/ON 20 bar
F15	Auxiliary fuse holder, blower motor	W1	Main ground (behind instrument cluster)
K1/1	Relay, overvoltage protection 87E/87L (7-pole)	W9	Ground, front left (near headlamp unit)
K8	Double contact relay, auxiliary fan, magnetic coupling, engine fan	W10	Ground, battery
K9	Relay, auxiliary fan	W11	Ground, engine (electric cable screwed on)
L3	Rpm sensor, starter ring gear		
L3x	Connector, rpm sensor, starter ring gear		Ground without designation, component directly on engine or body

X6/1	Connector, terminal 58D	Y7	Switchover valve block, 7-fold
X25	Connector, preheating cable harness	y1	Fresh/recirculated air flap, small lift
X26	Connector, engine cable harness, 12-pole	y2	Fresh/recirculated air flap, large lift
X26/6	Connector, engine cable harness, Tempmatic/automatic climate control, 3-pole	y3	Footwell flaps
X53/5	Multiple connector/Hall-sensor	y4	Center nozzle flap
X64	Connector, blower regulator/interior cable harness	y5	Defroster nozzle flaps, large lift
X92	Diagnostic test coupling, 8-pole (flash code)	y6	Diverter air flap
Y2	Electromagnetic coupling, engine fan	y7	Defroster nozzle flaps, small lift
Y3	Switchover valve, automatic transmission	Y19	Mono valve
		a	To the connector, terminal 30
		b	To the fuse box, terminal 15, <i>unprotected</i>
		c	To the washer nozzle heating, left

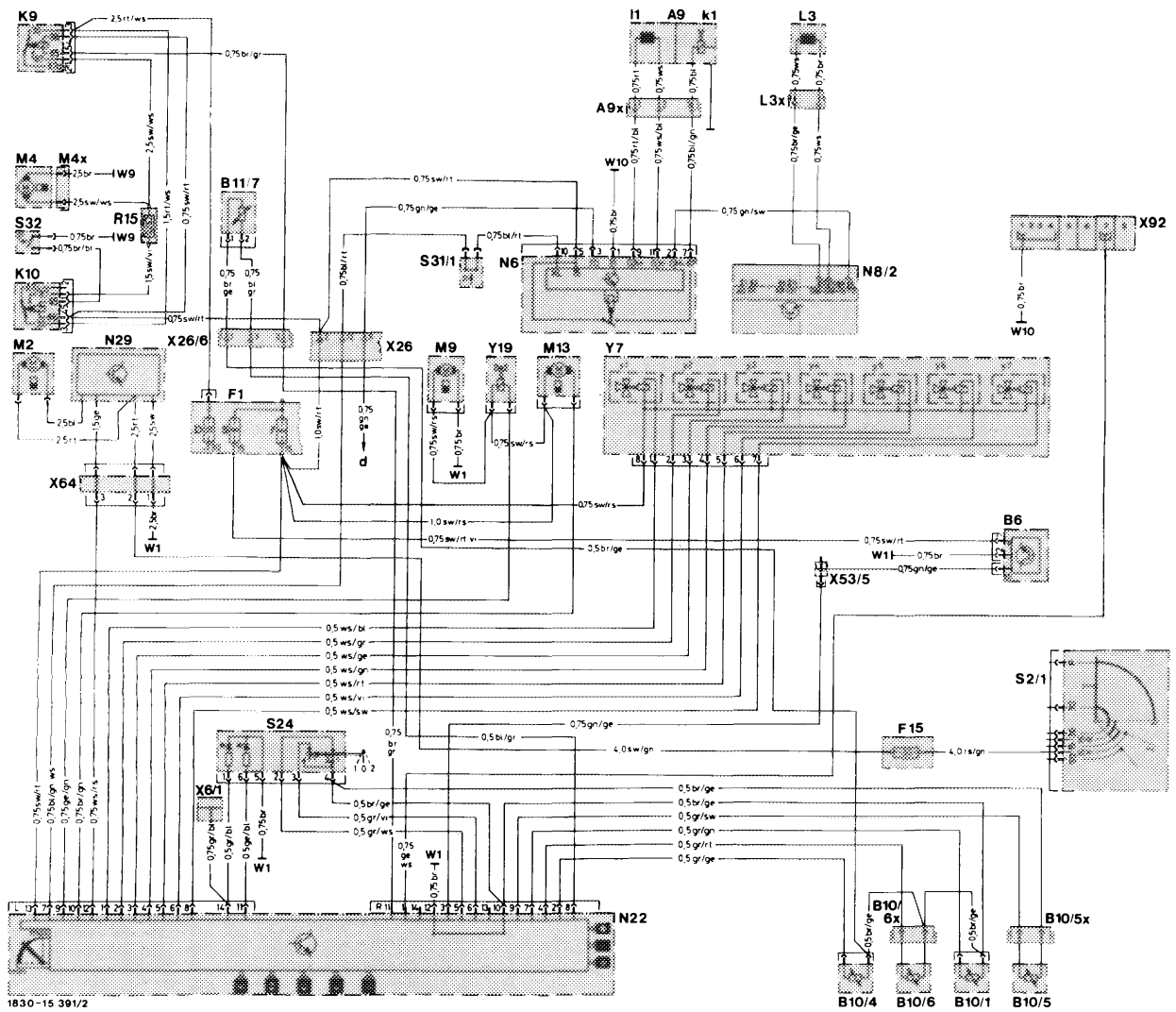


Model 124.125 with manual transmission up to July 1985

A1	p1	Temperature indicator coolant	M9	Ventilation blower, temperature sensor interior air
A9		Refrigerant compressor	M13	Circulating pump
	k1	Electromagnetic coupling	N6	Control unit, compressor cutout
	l1	Rpm sensor	N22	Automatic climate control unit
B6		Hall-sensor, speed	N29	Electronic blower regulator
B10/1		Temperature sensor, heat exchanger	R15	Preresistor, auxiliary fan
B10/4		Temperature sensor, interior air	S24	Switch, fresh/recirculated air
B10/5		Temperature sensor, outside air	S25/3	Temperature switch 110 °C
B10/6		Temperature sensor, evaporator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0 bar/ON 2.6 bar
B13		Temperature sensor, coolant indicator	S32	Pressure switch, auxiliary fan, OFF 15.0 bar/ON 20.0 bar
F1		Fuse and relay box Fuse 5, terminal 15 Fuse 7, terminal 15 Fuse 12, terminal 15X Fuse D, terminal 30	W1	Main ground (behind instrument cluster)
K9		Relay, auxiliary fan	W9	Ground, front left (near headlamp unit)
K10		Relay, auxiliary fan preresistor	W10	Ground, battery
L3		Rpm sensor, starter ring gear	W11	Ground, engine (electrical cable screwed on)
M2		Blower motor		Ground connection without designation, component directly on engine or body
M4		Auxiliary fan		

X26	Connector, engine cable harness, 12-pole	Y7	Switchover valve block, 7-fold
X53/5	Multiple connector/Hall-sensor, 6-pole	y1	Fresh/recirculated air flap, small lift
X59/2	Connector, temperature sensor coolant	y2	Fresh/recirculated air flap, large lift
X64	Connector, blower regulator/interior cable harness	y3	Footwell flaps
		y4	Center nozzle flap
		y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		a	To X6 connector, terminal 58d, 2-pole

X26	Connector, engine cable harness, 12-pole	Y7	Switchover valve block, 7-fold
X53/5	Multiple connector/Hall-sensor, 6-pole	y1	Fresh/recirculated air flap, small lift
X59/2	Connector, temperature sensor coolant	y2	Fresh/recirculated air flap, large lift
X64	Connector, blower regulator/interior cable harness	y3	Footwell flaps
		y4	Center nozzle flap
		y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		a	To X6 connector, terminal 58d, 2-pole



Models 124,125/185 with manual transmission as of August 1987

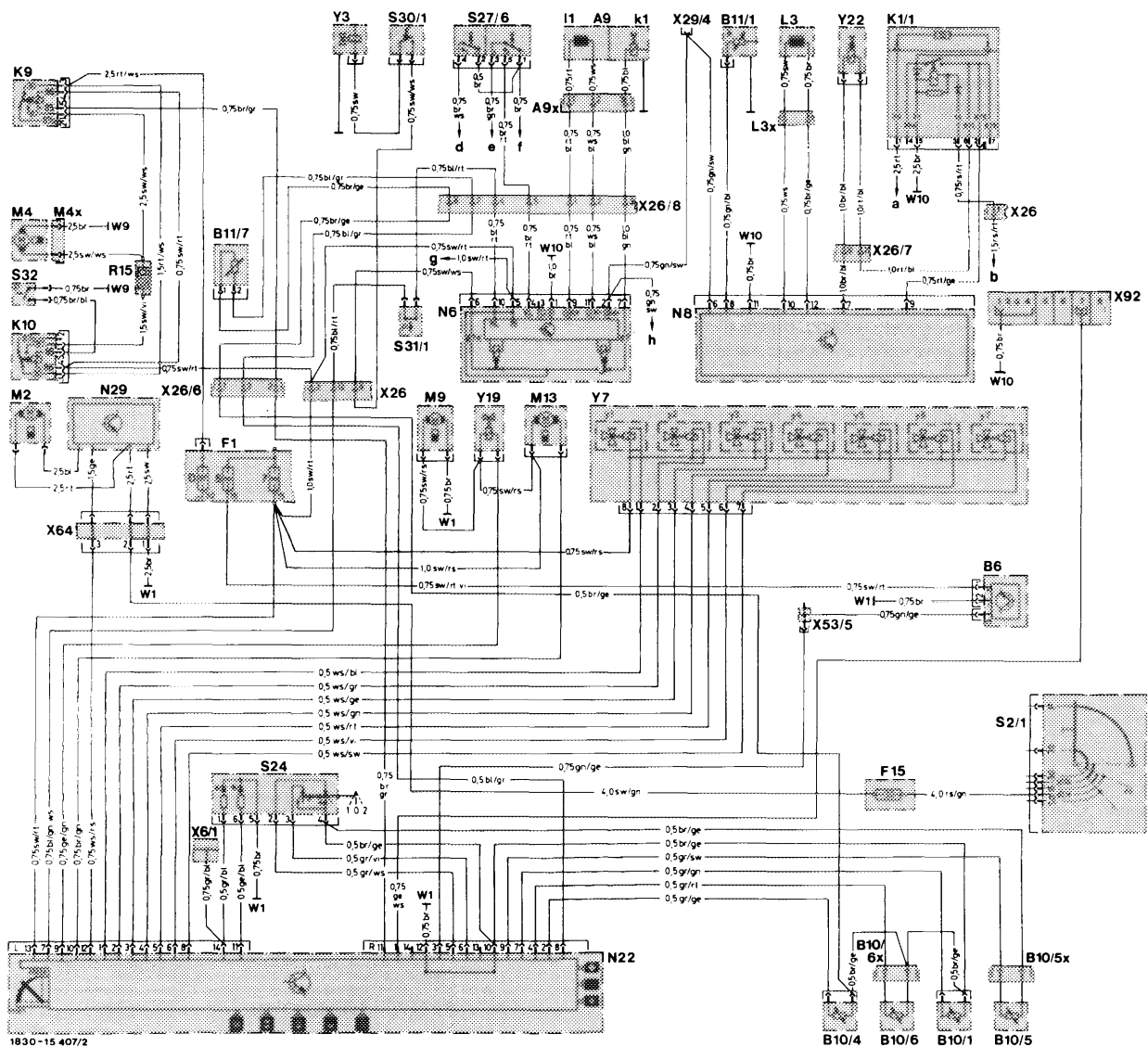
A9	Refrigerant compressor	M2	Blower motor
k1	Electromagnetic coupling	M4	Auxiliary fan
l1	Rpm sensor	M9	Ventilation blower, temperature sensor interior air
A9x	Connector, refrigerant compressor	M13	Circulating pump
B6	Hall-sensor, speed	N6	Control unit, compressor cutout
B10/1	Temperature sensor, heat exchanger	N22	Automatic climate control unit
B10/4	Temperature sensor, interior air	N29	Electronic blower regulator
B10/5	Temperature sensor, outside air	R15	Preresistor, auxiliary fan
B10/5x	Connector, temperature sensor outside air	S2/2	Glow-starter switch
B10/6	Temperature sensor, evaporator	S24	Switch, fresh/recirculated air
B10/6x	Connector, temperature sensor evaporator	S31/1	Pressure switch, refrigerant compressor, OFF 2.0/30 bar ON 2.6/22 bar
B11/7	Temperature sensor, coolant (blue)	S32	Pressure switch, auxiliary fan OFF 15 bar/ON 20 bar
F1	Fuse and relay box Fuse 5: 8 A Fuse 7: 8 A Fuse D: 16 A	W1	Main ground (behind instrument cluster)
F15	Auxiliary fuse holder, blower motor	W9	Ground, front left (near headlamp unit)
K9	Relay, auxiliary fan	W10	Ground, battery
L3	Rpm sensor, starter ring gear		Ground without designation, component directly on engine or body
L3x	Connector, rpm sensor, starter ring gear		

X6/1	Connector, terminal 58D	Y7	Switchover valve block, 7-fold
X26	Connector, engine cable harness, 12-pole	y1	Fresh/recirculated air flap, small lift
X26/6	Connector, engine cable harness, Tempmatic/automatic climate control, 3-pole	y2	Fresh/recirculated air flap, large lift
X53/5	Multiple connector/Hall-sensor	y3	Footwell flaps
X64	Connector, blower regulator/interior cable harness	y4	Center nozzle flap
X92	Diagnostic test coupling, 8-pole (flash code)	y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve
		d	To the speedometer A1p7

X26	Connector, engine cable harness, 12-pole	Y7	Switchover valve block, 7-fold
X53/5	Multiple connector/Hall-sensor, 6-pole	y1	Fresh/recirculated air flap, small lift
X59/2	Connector, temperature sensor coolant	y2	Fresh/recirculated air flap, large lift
X64	Connector, blower regulator/interior cable harness	y3	Footwell flaps
Y3	Switchover valve, automatic transmission	y4	Center nozzle flap
		y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		Y22	Actuating magnet ELR
		a	To X35 connector, terminal 30
		b	To fuse and relay box, terminal 15, unprotected
		c	To X6 connector, terminal 58d, 2-pole

X26	Connector, engine cable harness, 12-pole	Y7	Switchover valve block, 7-fold
X29/4	Test coupling TD (EDS) 1-pole	y1	Fresh/recirculated air flap, small lift
X53/5	Multiple connector/Hall-sensor, 6-pole	y2	Fresh/recirculated air flap, large lift
X59/2	Connector, temperature sensor coolant	y3	Footwell flaps
X64	Connector, blower regulator/interior cable harness	y4	Center nozzle flap
Y3	Switchover valve, automatic transmission	y5	Defroster nozzle flaps, large lift
		y6	Diverter air flap
		y7	Defroster nozzle flaps, small lift
		Y19	Mono valve, automatic climate control
		Y22	Actuating magnet ELR
		a	To X35 connector, terminal 30
		b	To fuse and relay box, terminal 15, unprotected
		c	To X6 connector, terminal 58d, 2-pole

X6/1	Connector, terminal 58D	Y7	Switchover valve block, 7-fold
X26	Connector, engine cable harness, 12-pole	y1	Fresh/recirculated air flap, small lift
X26/6	Connector, engine cable harness, Tempmatic/automatic climate control, 3-pole	y2	Fresh/recirculated air flap, large lift
X29/4	Test coupling TD (EDS) 1-pole	y3	Footwell flaps
X53/5	Multiple connector/Hall-sensor	y4	Center nozzle flap
X64	Connector, blower regulator/interior cable harness	y5	Defroster nozzle flaps, large lift
X92	Diagnostic test coupling, 8-pole (flash code)	y6	Diverter air flap
Y3	Switchover valve, automatic transmission	y7	Defroster nozzle flaps, small lift
		Y19	Mono valve
		Y22	Actuating magnet ELR
		d	To the speedometer A1p7



Models 124.130 CH as of start of series production

A9	Refrigerant compressor	M2	Blower motor
k1	Electromagnetic coupling	M4	Auxiliary fan
l1	Rpm sensor	M9	Ventilation blower, temperature sensor interior air
A9x	Connector, refrigerant compressor	M13	Circulating pump
B6	Hall-sensor, speed	N6	Control unit, compressor cutout
B10/1	Temperature sensor, heat exchanger	N8	Control unit, idle speed control
B10/4	Temperature sensor, interior air	N22	Automatic climate control unit
B10/5	Temperature sensor, outside air	N29	Electronic blower regulator
B10/5x	Connector, temperature sensor outside air	R15	Preresistor, auxiliary fan
B10/6	Temperature sensor, evaporator	S2/2	Glow-starter switch
B10/6x	Connector, temperature sensor evaporator	S24	Switch, fresh/recirculated air
B11/1	Temperature sensor, coolant (ELR)	S27/6	Microswitch, compressor cutout/EGR
B11/7	Temperature sensor, coolant (blue)	S30/1	Kickdown switch
F1	Fuse and relay box Fuse 5: 8 A Fuse 7: 8 A Fuse D: 16 A	S31/1	Pressure switch, refrigerant compressor, OFF 2.0/30 bar ON 2.6/22 bar
F15	Auxiliary fuse holder, blower motor	S32	Pressure switch, auxiliary fan OFF 15 bar/ON 20 bar
K1/1	Relay, overvoltage protection 87E/87L (7-pole)	W1	Main ground (behind instrument cluster)
K9	Relay, auxiliary fan	W9	Ground, front left (near headlamp unit)
K10	Relay, auxiliary fan preresistor	W10	Ground, battery
L3	Rpm sensor, starter ring gear		
L3x	Connector, rpm sensor, starter ring gear		Ground without designation, component directly on engine or body

X6/1	Connector, terminal 58D	Y7	Switchover valve block, 7-fold
X26	Connector, engine cable harness, 12-pole	y1	Fresh/recirculated air flap, small lift
X26/6	Connector, engine cable harness,	y2	Fresh/recirculated air flap, large lift
	Tempmatic/automatic climate control, 3-pole	y3	Footwell flaps
X26/7	Connector, engine cable harness/engine cable harness, 12- pole	y4	Center nozzle flap
X26/8	Connector, engine cable harness/engine cable harness, 8-pole	y5	Defroster nozzle flaps, large lift
X29/4	Test coupling TD (EDS) 1-pole	y6	Diverter air flap
X53/5	Multiple connector/Hall-sensor	y7	Defroster nozzle flaps, small lift
X64	Connector, blower regulator/interior cable harness	Y19	Mono valve
X92	Diagnostic test coupling, 8-pole (flash code)	Y22	Actuating magnet ELR
Y3	Switchover valve, automatic transmission	a	To the connector, terminal 30
		b	To the fuse box, terminal 15, unprotected
		d	To the control unit, exhaust gas recirculation, jack 10
		e	To the control unit, exhaust gas recirculation, jack 5
		f	To battery ground
		g	To the control unit, exhaust gas recirculation, jack 9
		h	To the control unit, exhaust gas recirculation, jack 2