

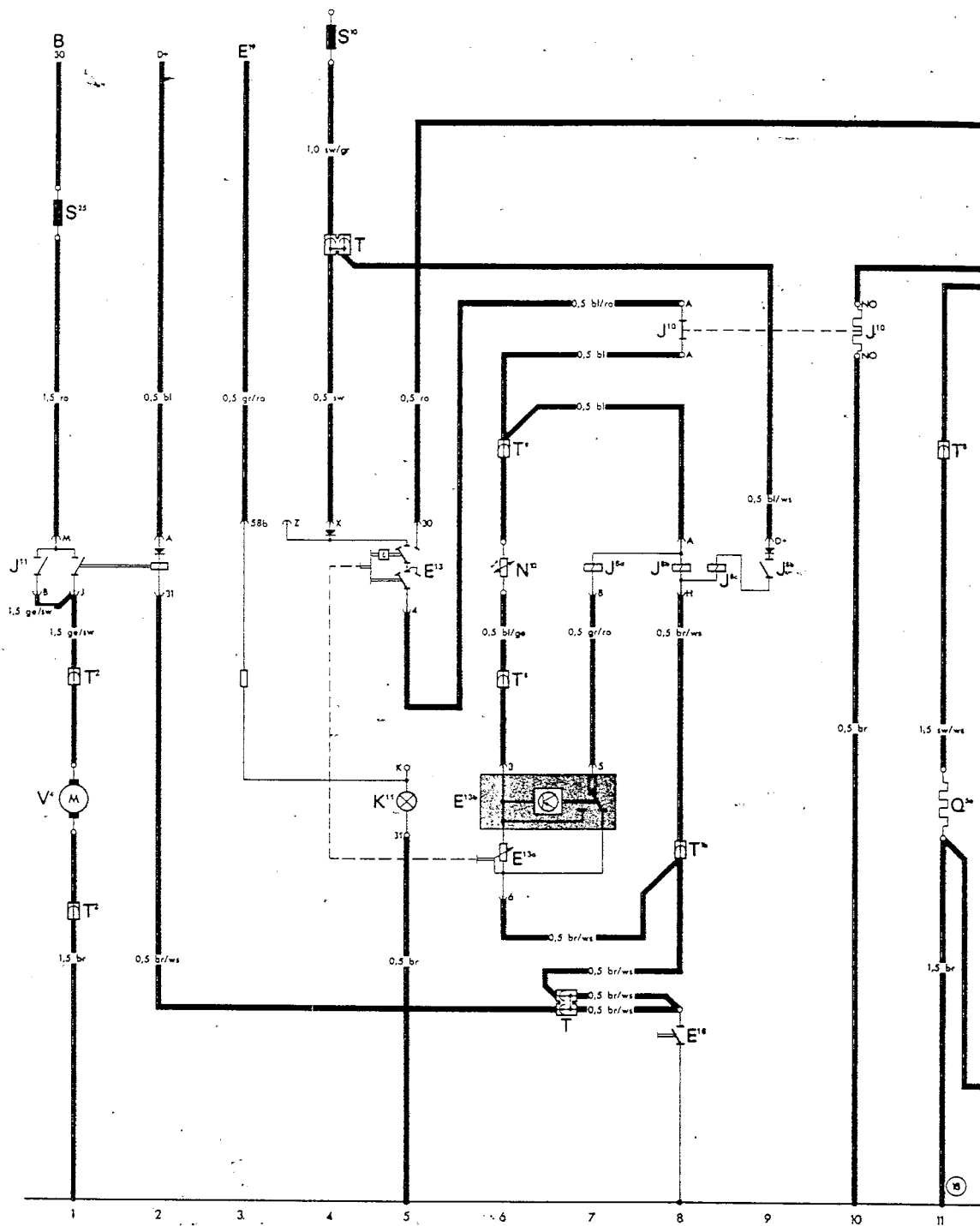
Trouble caused by		page	
1 — 10th fuse (16A) in fuse/relay panel	Wiring Diagrams	82.5	
2a — Main fuse (16A) in inline fuse holder	Wiring Diagrams	82.7	
2b — Overheat fuse (8A) in supplemental fuse holder	Wiring Diagrams	82.8	
3 — Temperature regulating switch		82.2	
4 — Defroster/footwell flaps		82.3	
5 — Heater lever switch		82.6	
6 — Heater relay		82.4	
7 — Glow/spark plug		82.3	
8 — Temperature sensor		82.6	
9 — Overheat switch		82.3	
10 — Heater booster		82.5	
11 — Flame switch		82.2	
12 — Exhaust outlet		82.7	
13 — Air circulation blower		82.2	
14 — Exhaust pipe		82.8	
15 — Control flaps		82.2	
16 — Heater flap		82.2	
17 — Heat exchanger		82.2	
18 — Heater blower		82.7	
19 — Safety switch		82.3	
20 — Combustion air blower		82.2	
21 — Fuel inlet		82.6	
22 — Ignition coil		82.6	
23 — Fuel pump		82.2	
24 — Fuel filter/water separator		82.2	
25 — Combustion air hose		82.2	
— Trace circuit in current flow diagram	Wiring Diagrams		

Symbols denote degree of trouble probability

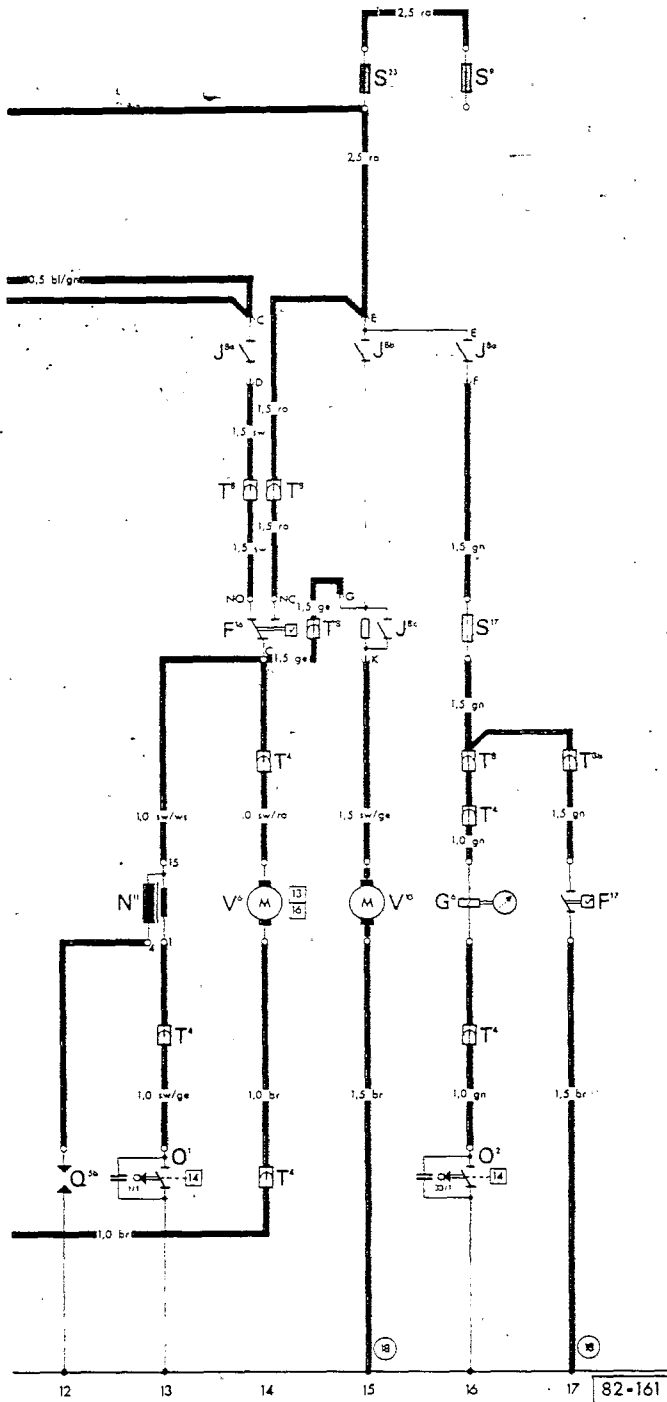
○ = Highly probable

△ = Not so probable

□ = Seldom



Current flow diagram
Heater booster BA 6



Description

current track

B	- to starter terminal 30	1
D+	- to voltage regulator	2
E1a	- Terminal 58b remains vacant	3
E13	- Temperature regulating switch (switch part)	5
E13a	- Temperature regulating switch (regulating part)	6
E13b	- Temperature regulating switch (electronic circuit)	6,7
E16	- Main switch	8
F16	- Flame switch	14
F17	- Overheating switch	17
G6	- Fuel pump	16
J8a	- Relay	7,14,16
J8b	- Relay	8,9,15
J8c	- Relay	8,15
J10	- Safety switch	8,10
J11	- Relay for heater air blower	1,2
K11	- Warning light	5
N10	- Temperature sensor	6
N11	- Ignition coil	13
O1	- Breaker contact in combustion air blower for ignition coil	13
O2	- Breaker contact in combustion air blower for fuel pump	16
Q5a	- Glow spark plug - Glow element	11
Q5b	- Glow spark plug - Electrode	12
S9	- Fuse No. 9 in fuse box	16
S10	- Fuse No. 10 in fuse box	4
S17	- Overheating fuse - 8 amps (separate fuse)	16
S23	- Main fuse - 16 amps (separate fuse)	15
S25	- Fuse - 16 amps for heater air blower	1
T	- Wire connector (under dashboard)	4,7
T1b	- Wire connector, single (under dashboard)	8
T2	- Wire connector, double (on heater air blower)	1
T4	- Connector on combustion air blower	13,14,16
T8	- Connector, 8 point	6,11,14,16
V4	- Heater air blower	1
V6	- Combustion air blower	14
V10	- Air circulation blower	15
18	- Heater ground on coil bracket	11,15,17

Color code

bl = blue
br = brown
ge = yellow
gn = green
gr = gray
ro = red
sw = black
ws = white

Trouble caused by										see page
									1 - Temperature regulating switch	2,6
									3 - Lever for flaps and ground (main switch)	2
									5 - Safety switch	2,8
									6 - Main fuse (16 amp)	2,9
									7 - Overheating fuse (8 amp)	3,9,18
									8 - Heater relay	2
									9 - Warm air distributor blocked	2
									10 - Warm air vent blocked	2
									11 - Temperature sensor	2,7
									12 - Combustion air blower	2,4
									13 - Heater housing	2,4
									14 - Combustion air hose	2,5
									15 - Glow/spark plug	2,5
									16 - Fuel connection	2,4
									17 - Overheating switch	2,5
									18 - Flame switch	2,6
									19 - Coil	2,7,8
									20 - Fuel pump	2,7
									21 - Filter	2
									22 - Exhaust pipe adapter	2,4
									23 - Air circulation blower	3,8
									24 - Flap housing	3,18
									25 - Exhaust pipe	3
									26 - Warm air hose	3
									27 - Control flap	3,18
									28 - Heat exchanger	3,18
									29 - Heater air hose	3
									30 - Heater air blower	3,18
									32 - Non-return flaps	3,18
									33 - Relay for heater air blower	3
									34 - Fuse for heater air blower	3,9

