

B. Appendix to Main Wiring Harness Diagram

Lead No.	Basic color	Color coding color	Wiring position	Emerges at cable sheaf No.	Terminal	Fuse box connection No.	Cross-section of lead in mm ²
Cable sheaf 1 at Flash Signal Mechanism							
28	brown	—	from flash signal mechanism (terminal 31) to ground at body (front panel left)	31	31	—	1.0
66	green	—	from flash signal mechanism contact "K" to flash signal pilot light or to instrument cluster plug socket	32	—	—	0.5
12	black	white/green	from flash signal mechanism (terminal 54) to cable connector - steering	28	54	—	1.0
11	black	—	from fuse box (fuse No. 2) to flash signal mechanism terminal 15	2	15	2	1.0
Cable sheaf 2 at Fuse Box (Left)							
77	yellow	black	from fuse box (fuse No. 12) to lower beam left	20	56b	12	1.5
76	yellow	—	from fuse box (fuse No. 11) to lower beam right	22	56b	11	1.5
64	white	black	from fuse box (fuse No. 10) to upper beam left	20	56a	10	1.5
63	white	—	from fuse box (fuse No. 9) to upper beam right	22	56a	9	1.5
73	blue	white	from fuse box (fuse No. 9) to upper beam pilot light or instrument cluster plug-socket	32	—	9	0.5
43	grey	black	from fuse box (fuse No. 8) to headlamp parking bulb left	20	58	8	0.5
44	grey	red	from fuse box (fuse No. 8) to switch for instrument lighting	11	—	8	0.5
49	grey	black	from fuse box (fuse No. 8) to cable connector - tail lights - wiring harness (tail light left)	5	—	8	0.5
52	grey	red	from fuse box (fuse No. 8) to switch for fog light	14	—	8	2.5
42	grey	—	from fuse box (fuse No. 7) to headlamp parking bulb right	22	58	7	0.5
48	grey	—	from fuse box (fuse No. 7) to cable connector - tail lights - wiring harness (tail light right)	5	—	7	1.0
3	black	red	from fuse box (fuse No. 6) to brake light switch	19	—	6	0.75
18	black	red	from fuse box (fuse No. 6) to switch for heater blower	16	—	6	0.5
9	black	—	from fuse box (fuse No. 5) to cigar lighter	9	—	5	1.5
50	black	blue	from fuse box (fuse No. 4) to reversing light switch	30	—	4	1.0
27	black	blue	from fuse box (fuse No. 4) to flash signal mechanism for upper beam	4	15	4	2.5
1	black	yellow	from fuse box (fuse No. 3) to horn	25	—	3	2.5
5	black	—	from fuse box (fuse No. 2) to instrument cluster plug-socket (fuel gage)	32	—	2	0.5
6	black	mauve	from fuse box (fuse No. 2) to wiper switch	10	—	2	1.5
11	black	—	from fuse box (fuse No. 2) to flash signal mechanism for flash direction signals	1	15	2	1.0
16	black	—	from fuse box (fuse No. 2) to switch starter cable	6	—	2	0.5
7	black	mauve	from fuse box (fuse No. 2) to wiper motor	33	—	2	1.5
55	red	—	from fuse box (fuse No. 1) to cable connector for roof light	14	—	1	0.5
58	red	—	from fuse box (fuse No. 1) to light switch (rotary, parking light)	14	—	1	0.5
59	red	—	from fuse box (fuse No. 1) to electric clock (in the standard version, a mechanical clock is fitted - lead not connected)	34	—	1	0.5

Lead No.	Basic color	Color coding color	Wiring position	Emerges at cable sheaf No.	Terminal	Fuse box connection No.	Cross-section of lead in mm ²
Cable sheaf 3 at Fuse Box (Right)							
65	white	—	from fuse box (connection No. 10) to flash signal mechanism for upper beam	4	56 a	—	2.5
62	white	—	from lower beam foot switch to fuse box (connection No. 10)	18	56 a	—	2.5
56	red	—	from light switch (rotary) to fuse box (connection No. 1)	14	30	—	1.0
46	grey	—	from light switch (rotary) to fuse box (connection No. 8)	14	58	—	1.0
75	yellow	—	from low beam switch to fuse box (connection No. 12)	18	56 b	—	2.5
10	black	—	from steering lock to fuse box (connection No. 6)	7	15/54	—	1.0
21	black	—	from fuse box (connection No. 6) to ignition coil	29	15	—	1.5
Cable sheaf 4 at Flash Signal Mechanism for Upper Beam							
27	black	blue	from fuse box (fuse No. 4) to flash signal mechanism for upper beam	2	15	—	2.5
65	white	—	from fuse box (connection No. 10) to flash signal mechanism for upper beam	3	56 a	—	2.5
26	black	—	from upper beam flash mechanism switch to flash mechanism for upper beam	18	31	—	1.5
Cable sheaf 5 at Cable Connector – Tail Lights – Wiring Harness							
23	black	green	from cable connector – steering – to cable connector – tail lights – wiring harness (flash signal rear right)	28	—	—	1.0
22	black	white	from cable connector – steering – to cable connector – tail lights – wiring harness (flash signal rear left)	28	—	—	1.0
74	blue	black	from reserve fuel indicator or, alternatively, from instrument cluster plug-socket to connector – tail lights – wiring harness	32	—	—	0.5
51	grey	yellow/red	from reversing light switch to cable connector – tail lights – wiring harness (reversing light)	30	—	—	1.0
49	grey	black	from fuse box (fuse No. 8) to cable connector – tail lights – wiring harness (tail light left)	2	—	8	0.5
48	grey	—	from fuse box (fuse No. 7) to cable connector – tail lights – wiring harness (tail light right)	2	—	7	1.0
71	blue	—	from instrument cluster plug-socket to cable connector – tail lights – wiring harness (fuel level indicator for fuel gage)	32	—	—	0.5
4	black	red	from brake light switch to cable connector – tail lights – wiring harness (brake light)	19	—	—	0.75
70	green	black	from parking light changeover switch to cable connector – tail lights – wiring harness (parking light rear left)	15	—	—	0.5
69	green	—	from parking light changeover switch to cable connector – tail lights – wiring harness (parking light rear right)	15	—	—	0.5
Cable sheaf 6 at Switch for Starter Cable							
16	black	—	from fuse box (fuse No. 2) to switch starter cable	2	—	2	0.5
17	black	red	from switch starter cable to pilot light or, alternatively, to instrument cluster plug-socket	32	—	—	0.5

Lead No.	Basic color	Color coding color	Wiring position	Emerges at cable sheaf No.	Terminal	Fuse box connection No.	Cross-section of lead in mm ²
Cable sheaf 7 at Steering Lock							
57	red	—	from light switch (rotary) to steering lock	14	30	—	2.5
10	black	—	from steering lock (ignition switch part) to fuse box (connection No. 6)	3	15/54	—	1.0
72	blue	—	from regulator to steering lock (charging light)	36	61	—	1.0
24	black	red	from steering lock to starter push-button switch	12	15	—	2.5
Cable sheaves 8 and 9 at Cigar Lighter							
30	brown	—	from cigar lighter to ground	31	—	—	1.5
9	black	—	from fuse box (fuse No. 5) to cigar lighter	2	—	5	1.5
Cable sheaf 10 at Push-Pull Switch for Windshield Wipers							
6	black	mauve	from fuse box (fuse No. 2) to push-pull switch for windshield wipers	2	—	2	1.5
8	black	—	from push-pull switch for windshield wipers to wiper motor	33	—	—	1.5
Cable sheaf 11 at Push-Pull Switch for Instrument Lighting							
44	grey	red	from fuse box (fuse No. 8) to push-pull switch for instrument lighting	2	—	8	0.5
47	grey	—	from push-pull switch of instrument lighting to clock (lighting)	34	—	—	0.5
45	grey	—	from push-pull switch of instrument lighting to instrument cluster (lighting) or, alternatively, to instrument cluster plug-socket	32	—	—	0.5
Cable sheaf 12 at Starter Push-Button Switch							
25	black	red	from starter push-button switch to starter	37	50	—	2.5
24	black	red	from steering lock to starter push-button switch	7	15	—	2.5
Cable sheaf 13 at Upper Beam Flash Signal Switch							
26	black	—	from upper beam flash signal switch to flash signal mechanism for upper beam	4	31	—	1.5
41	brown	—	from upper beam flash signal switch to ground	31	—	—	1.0
Cable sheaf 14 at Light Switch (Rotary)							
58	red	—	from fuse box (fuse No. 1) to rotary light switch (parking light)	2	—	1	0.5
60	red	yellow	from rotary light switch (parking light) to toggle switch for parking light	15	—	—	0.5
61	white	black	from rotary light switch to low beam foot switch	18	56	—	2.5
56	red	—	from rotary light switch to fuse box (connection No. 1)	3	30	—	1.0
46	grey	—	from rotary light switch to fuse box (connection No. 8)	3	58	—	1.0
57	red	—	from rotary light switch to steering lock	7	30	—	2.5

Lead No.	Basic color	Color coding color	Wiring position	Emerges at cable sheaf No.	Terminal	Fuse box connection No.	Cross-section of lead in mm ²
52	grey	red	from fuse box (fuse No. 8) to fog-light switch (rotary light switch)	2	—	8	2.5
15	black	—	from fog-light switch (rotary light switch) to fog lights	21	—	8	2.5
55	red	—	from fuse box (fuse No. 1) to cable connector for roof light	2	—	1	0.5
53	red	—	from starter to rotary light switch	37	30	—	4.0
Cable sheaf 15 at Toggle Switch for Parking Light							
60	red	yellow	from rotary light switch (parking light) to toggle switch for parking light	14	—	—	0.5
69	green	—	from toggle switch for parking light to cable connector – tail lights – wiring harness (parking light rear right)	5	—	—	0.5
67	green	—	from toggle switch for parking light to parking light front right	35	—	—	0.5
70	green	black	from toggle switch for parking light to cable connector – tail lights – wiring harness (parking light rear left)	5	—	—	0.5
68	green	black	from toggle switch for parking light to parking light front left	17	—	—	0.5
Cable sheaf 16 at Toggle Switch for Blower							
19	black	yellow/red	from toggle switch for blower to cable connector, blower left	26	—	—	0.5
18	black	red	from fuse box (fuse No. 6) to toggle switch for blower	2	—	6	0.5
Cable sheaf 17 at Flash Direction Signal (With Parking Light) Front Left							
13	black	white	from cable connector – steering – to flash signal front left	28	—	—	1.0
39	brown	—	from flash signal left to ground	31	—	—	1.0
68	green	black	from toggle switch for parking light to parking light front left	15	—	—	0.5
Cable sheaf 18 at Lower Beam Foot Switch							
61	white	black	from rotary light switch to lower beam foot switch	14	56	—	2.5
62	white	—	from lower beam foot switch to fuse box (connection No. 10)	3	56a	—	2.5
75	yellow	—	from lower beam foot switch to fuse box (connection No. 12)	3	56b	—	2.5
Cable sheaf 19 at Brake Light Switch							
3	black	red	from fuse box (fuse No. 6) to brake light switch	2	—	6	0.75
4	black	red	from brake light switch to cable connector – tail lights – wiring harness (brake light)	5	—	—	0.75

Lead No.	Basic color	Color coding color	Wiring position	Emerges at cable sheaf No.	Terminal	Fuse box connection No.	Cross-section of lead in mm ²
Cable sheaf 20 at Lampholder, Headlight, Left							
64	white	black	from fuse box (fuse No. 10) to headlight upper beam left	2	56a	10	1.5
77	yellow	black	from fuse box (fuse No. 112) to headlight lower beam left	2	56b	12	1.5
43	grey	black	from fuse box (fuse No. 8) to headlight parking bulb left	2	58	8	0.5
38	brown	—	from headlight, left, to ground	27	31	—	1.5
Cable sheaf 21 at Fog Lamp							
15	black	—	from fog light switch (rotary light switch) to fog light	14	—	8	2.5
36	brown	—	from fog light to ground	24	—	—	2.5
Cable sheaf 22 at Lampholder, Headlight, Right							
35	brown	—	from headlight, right, to ground	24	31	—	1.5
63	white	—	from fuse box (fuse No. 9) to headlight upper beam right	2	56a	9	1.5
76	yellow	—	from fuse box (fuse No. 11) to headlight lower beam right	2	56b	11	1.5
42	grey	—	from fuse box (fuse No. 7) to headlight parking bulb right	2	58	7	0.5
Cable sheaves 23 and 24 at Cable Connector, Blower Right							
20	black	yellow/red	from cable connector, blower, left, to cable connector, blower, right	26	—	—	0.5
34	brown	—	from cable connector, blower, right, to ground	24	—	—	0.5
36	brown	—	from fog light to ground	21	—	—	2.5
35	brown	—	from headlight, right, to ground	22	31	—	1.5
Cable sheaf 25 at Horn Unit							
2	black	yellow	from horn unit to cable connector - steering	28	—	—	2.5
1	black	yellow	from fuse box (fuse No. 3) to horn unit	2	—	3	2.5
Cable sheaves 26 and 27 at Cable Connector, Blower, Left							
20	black	yellow/red	from cable connector, blower, left, to cable connector, blower, right	23	—	—	0.5
19	black	yellow/red	from toggle switch for blower to cable connector, blower, left	16	—	—	0.5
40	brown	—	from cable connector - steering - to ground	28	—	—	2.5
37	brown	—	from cable connector, blower, left, to ground	27	—	—	0.5
38	brown	—	from headlight, left, to ground	20	31	—	1.5

Lead No.	Basic color	Color coding color	Wiring position	Emerges at cable sheaf No.	Terminal	Fuse box connection No.	Cross-section of lead in mm ²
Cable sheaf 28 at Cable Connector for Steering Tube Wiring Harness							
40	brown	—	from cable connector – steering – to ground	27	—	—	2.5
2	black	yellow	from horn unit to cable connector – steering	25	—	—	2.5
12	black	white/green	from flash signal mechanism (terminal 54) to cable connector – steering	1	54	—	1.0
22	black	white	from cable connector – steering – to cable connector – tail lights – wiring harness (flash signal rear, left)	5	—	—	1.0
13	black	white	from cable connector – steering – to flash signal front, left	17	—	—	1.0
23	black	green	from cable connector – steering – to cable connector – tail lights – wiring harness (flash signal rear, right)	5	—	—	1.0
14	black	green	from cable connector – steering – to flash signal front, right	35	—	—	1.0
Cable sheaf 29 at Ignition Coil							
21	black	—	from fuse box (connection No. 6) to ignition coil	3	15	—	1.5
Cable sheaf 30 at Cable Connector for Reversing Light Switch							
51	grey	yellow/red	from cable connector reversing light switch to cable connector – tail lights – wiring harness (reversing light)	5	—	—	1.0
50	black	blue	from fuse box (fuse No. 4) to cable connector for reversing light switch	2	—	4	1.0
Cable sheaf 31 Ground to Body Front Panel Left							
31	brown	—	from instrument cluster or, alternatively, instrument cluster plug-socket to ground	32	—	—	0.5
28	brown	—	from flash signal mechanism to ground	7	31	—	1.0
32	brown	—	from wiper motor to ground	33	—	—	1.0
41	brown	—	from upper beam flash signal switch to ground	13	—	—	1.0
30	brown	—	from cigar lighter to ground	8	—	—	1.5
39	brown	—	from flash signal, left, to ground	17	—	—	1.0
Cable sheaf 32 at Instrument Cluster Plug-Socket							
5	black	—	from fuse box (fuse No. 2) to instrument cluster plug-socket (fuel gage)	2	—	2	0.5
71	blue	—	from instrument cluster plug-socket (fuel gage) to cable connector – tail lights – wiring harness (fuel level indicator mechanism)	5	—	—	0.5
45	grey	—	from push-pull switch for instrument lighting to instrument cluster plug-socket (lighting)	11	—	—	0.5

Lead No.	Basic color	Color coding color	Wiring position	Emerges at cable sheaf No.	Terminal	Fuse box connection No.	Cross-section of lead in mm ²
66	green	—	from flash signal mechanism to instrument cluster plug-socket (pilot light for flash signal)	1	—	—	0.5
17	black	red	from switch starter cable to instrument cluster plug-socket (pilot light for starter cable)	6	—	—	0.5
31	brown	—	from instrument cluster to ground	31	—	—	0.5
73	blue	white	from fuse box (fuse No. 9) to instrument cluster plug-socket (upper beam pilot light)	2	—	9	0.5
74	blue	black	from instrument cluster plug-socket (fuel reserve indicator) to cable connector – tail lights – wiring harness (fuel reserve indicator mechanism)	5	—	—	0.5
Cable sheaf 38 at Windshield Wiper Motor							
29	brown	—	from clock to ground	34	—	—	0.5
33	brown	—	from flash signal, right, to ground	35	—	—	1.0
32	brown	—	from wiper motor to ground	31	—	—	1.0
8	black	—	from push-pull switch for windshield wipers to wiper motor	10	—	—	1.5
7	black	mauve	from fuse box (fuse No. 2) to wiper motor	2	—	2	1.5
Cable sheaf 37 at Clock							
29	brown	—	from clock to ground	33	—	—	0.5
47	grey	—	from push-pull switch for instrument lighting to clock (lighting)	11	—	—	0.5
59	red	—	from fuse box to electric clock (in the standard version, a mechanical clock is fitted – lead not connected)	2	—	1	0.5
Cable sheaf 35 at Flash Signal (With Parking Light), Front, Right							
67	green	—	from toggle switch for parking light to parking light, front, right	15	—	—	0.5
33	brown	—	from flash signal, right, to ground	33	—	—	1.0
14	black	green	from cable connector – steering – to flash signal, front, right	28	—	—	1.0
Cable sheaf 36 at Regulator							
72	blue	—	from regulator to steering lock (charging light)	7	61	—	1.0
54	red	—	from starter to regulator	37	51	—	2.5
Cable sheaf 37 at Starter							
25	black	red	from starter push-button switch to starter	12	50	—	2.5
53	red	—	from starter to rotary light switch	14	30	—	4.0
54	red	—	from starter to regulator	36	51	—	2.5

Note: It is possible that changes may be made in the color coding system of the individual leads. In this case, the change can easily be seen from a study of the circuit diagram of the main wiring harness (see Fig. 54—1/1).

Lead No.	Basic color	Color coding color	Wiring position	Emerges at cable sheaf No.	Terminal	Fuse box connection No.	Cross-section of lead in mm ²
Cable Sheaf 35 at Flash Signal (With Parking Light), Front, Right							
67	green	—	from toggle switch for parking light to parking light, front, right	15	—	—	0.5
33	brown	—	from flash signal, right, to ground	33	—	—	1.0
14	black	green	from cable connector – steering – to flash signal, front, right	28	—	—	1.0
Cable Sheaf 36 at Regulator							
72	blue	—	from regulator to steering lock (charging light)	7	61	—	1.0
54	red	—	from starter to regulator	37	51	—	2.5
Cable Sheaf 37 at Starter							
25	black	red	from starter push-button switch to starter	12	50	—	2.5
53	red	—	from starter to rotary light switch	14	30	—	4.0
54	red	—	from starter to regulator	36	51	—	2.5

Note: It is possible that changes may be made in the color coding system of the individual leads. In this case, the change can easily be seen from a study of the circuit diagram of the main wiring harness (see Fig. 54—1/1).

C. Removal and Installation of Main Wiring Harness

The cable sheaf and lead numbers shown in the following text all refer to Section A, Fig. 54—1/1.

Removal:

- Remove the hood (see Job No. 88—6).
- Remove the battery (see Job No. 54—9).
- Remove the cowling insulation panel in the engine compartment (see Job No. 68—2).
- Remove the air duct with heat exchangers, left and right (see Job No. 83—5).
- Remove the scoops with blowers, left and right (see Job No. 83—4).
- Remove both headlights and disconnect Leads Nos. 38, 43, 77 and 64 at headlight left, and Nos. 42, 76, 63 and 35 at headlight right (see Job No. 82—1, Section A). Pull back the Cable Sheaves 20 (left) and 22 (right) into the engine compartment (Fig. 54—1/2).
- Disconnect Cable Sheaf 21 with Leads Nos. 15 and 36 at the fog light (see Job No. 82—19).
- Disconnect Cable Sheaf 25 with Leads Nos. 1 and 2 at horn (see Job No. 54—15).
- Unscrew the two cable sheaf clips on the front cross tube.
- Disconnect Cable Sheaf 26 with Leads Nos. 19 and 20 and Ground Lead No. 37 from Cable Sheaf 27 at cable connector (1) for the heater blower, left.
Disconnect Cable Sheaf 27 with Ground Leads Nos. 37, 38 and 40 at clip (5) and remove the clip (5) (Fig. 54—1/2).