

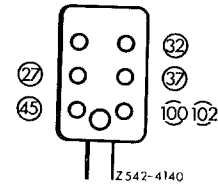
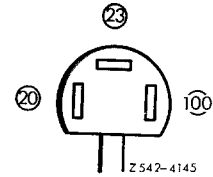
All Models: except 280 SL/8

Function and Colour Coding

Lead No.	Basic colour	Colour code	Route
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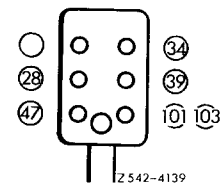
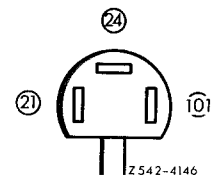
Connector on Lighting Unit Right

100	brown		Ground connection lighting unit – headlamp
23	yellow		Fusebox fuse 11 (dimmer)
20	white		Fusebox fuse 9 (high beam)
32	grey	green	Rotary light switch terminal N
37	green		to tail lamp – line circuit (side marker lamp)
27	grey	red	to fusebox fuse 7 (parking lamp)
45	black	green	to tail lamp – line circuit (blinker light)
100	brown		Ground connection headlamp – lighting unit
102	brown		to ground



Connector on Lighting Unit Left

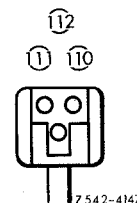
101	brown		Ground connection lighting unit – headlamp
24	yellow	black	to fusebox fuse 12
21	white	black	to fusebox fuse 10
34	grey	green	to rotary light switch terminal N
39	green	black	to tail lamp – line circuit (side marker lamp)
28	grey	black	Fusebox fuse 8
47	black	white	to tail lamp – line circuit (blinker light)



Lead No.	Basic colour	Colour code	Route
101	brown		Ground connection headlamp – lighting unit
103	brown		Ground

Connector and Lacing at Alternator

110	red	blue	to alternator regulator terminal D +
111	black		to alternator regulator terminal DF
112	brown		to alternator regulator terminal D-
1	red		Rotary light switch terminal 30
2	red		Cable connector to oil pan right

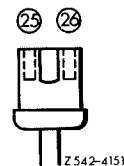


Connector on 100° C Temperature Switch (Model 280 SE/9 3.5 and 300 SEL/9 3.5)

43	brown		to safety switch (electric fan)
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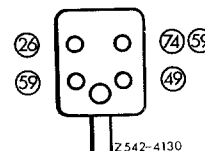
Connector to Electric Fan (Model 280 SE/9 3.5 and 300 SEL/9 3.5)

25	brown		Ground
26	yellow		Relay electric fan terminal 87



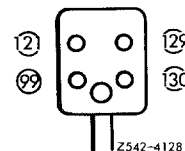
Connector on Relay for Electric Fan (Model 280 SE/9 3.5 and 300 SEL/9 3.5)

26	yellow		to electric fan
74	red	blue	to supplementary fusebox (terminal 30)
59	red	blue	Connection from terminal 86 and 30
49	brown	black	to safety switch



Connector for Feed-in of Electronic Line Circuit (Model 280 SE/9 3.5 and 300 SEL/9 3.5)

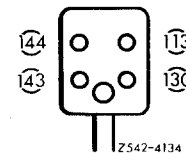
99	violet		to triple cable connector on alternator terminal 50
121	black	pink/red	to fusebox fuse 6 terminal 15/14
129	black		to main relay terminal 87 (electronic)
130	black	white	to relay for fuel pump terminal 85



Lead No.	Basic colour	Colour code	Route
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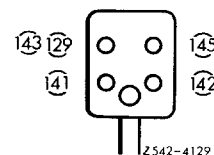
Connector on Relay for Fuel Pump (Model 280 SE/9 3.5 and 300 SEL/9 3.5)

113	black	white/red	to fusebox fuse 4 terminal 15/54
130	black	white	to feed-in of electronic line circuit
143	blue		to main relay electronic terminal 87
144	black	red	to tail lamp line circuit fuel pump terminal +



Connector on Main Relay of Electronic System

141	black	green	to fusebox fuse 4
142	brown		Ground
143	blue		to fuel pump relay terminal 86
129	black		to feed-in of electronic line circuit
145	red		to battery terminal B +

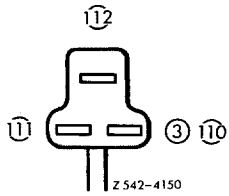
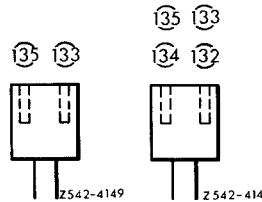
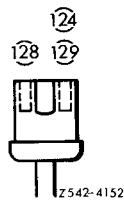


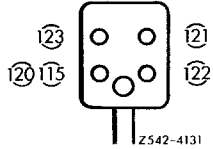
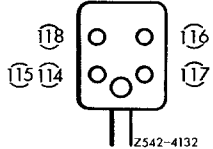
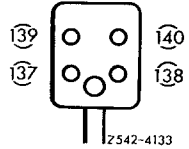
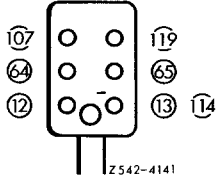
Lacing on Cable Connector on Oil Pan Right Front

2	red		to alternator terminal B +
77	red		to supplementary line circuit relay electr. window raiser terminal 30 (Model 280 SE/9 3.5 and 300 SEL/9 3.5)
13	violet		to connection starter locking and backup light switch
99	violet		to feed-in in electronic line circuit terminal 50 (Model 280 SE/9 3.5 and 300 SEL/9 3.5)
11	red	violet	Series resistance terminal 16

Lacing on Horns

66	black	yellow	to fusebox fuse 2
67	black	yellow/pink	to connection steering cable assembly
68	black	yellow	to horn II
69	black	yellow/pink	to horn II
87	black	yellow	from horn II to horn III
88	black	yellow/pink	from horn II to horn III

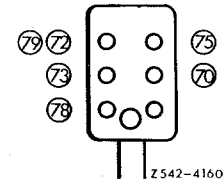
Lead No.	Basic colour	Colour code	Route
Lacing on Thermo-time Switch			
120	pink	blue	to relay for starting valve terminal 86
122	pink		to relay for starting valve terminal 85
Lacing on Rich Mixture Magnet of Injection Pump			
118	black	pink	to relay for rich mixture magnet terminal 87
Lacing on Starting Valve			
123	black	pink/white	to relay for starting valve terminal 87
Connector on Regulator			
3	blue		to combination instrument, charging control
110	red	blue	to connection alternator
111	black		to connection alternator
112	brown		to connection alternator
			
Connector on Brake Control Switches			
132	brown	white/green	to connection combination instrument
134	brown		Ground
133	brown	white/green	to connection brake control switch II
135	brown		to connection brake control switch II
			
Lacing on Series Resistance of Ignition Coil			
10	red	black	to fusebox fuse 2 (not fused)
11	red	violet	to cable connector on oil pan right
Connector on Compressed Air Control Switch			
124	green	red	to connection air suspension switch
129	green	red	to connection combination instrument (except Model 280 SE/9 3.5 and 300 SEL/9 3.5)
128	brown		Ground
			

Lead No.	Basic colour	Colour code	Route
Lacing for Radio Connection and Electric Antenna (Wrapped Near Regulator Lacing)			
14	red	green	to ignition starting switch terminal R
15	red		to fusebox (electric antenna)
Connector on Relay for Starting Valve			
115	black	pink/red	to rich mixture relay
120	pink	blue	to thermo time switch terminal G
121	black	pink/red	to fusebox fuse 6
122	pink		to thermo time switch terminal W
123	black	pink/white	to starting valve
			
Connector on Relay for Rich Mixture Magnet			
114	black	pink/blue	to ignition starting switch terminal 50
115	black	pink/blue	to relay for starting valve
116	black	pink/red	to fusebox fuse 6
117	brown		Ground
118	black	pink	to rich mixture magnet
			
Connector on Time Delay Switch (Dome Light)			
137	brown		Ground
138	white	red/blue	Fusebox fuse 1
139	white	red	Plug for dome light
140	white	green	Plug for dome light
			
Connector for Starting Lock and Backup Light Switch			
12	violet	white	to ignition starting switch terminal 50
13	violet		to cable connector on oil pan
64	black	yellow/red	to fusebox fuse 5
65	grey	yellow	to tail lamp line circuit (backup lamp)
114	black	pink/blue	to rich mixture relay terminal 86 (except Model 280 SE/9 3.5 and 300 SEL/9 3.5)
107	black	red/green	to fusebox fuse 33 (kickdown) (Model 280 SE/9 3.5 and 300 SEL/9 3.5)
119	green		to kickdown magnet automatic transmission (Model 280 SE/9 3.5 and 300 SEL/9 3.5)
			

Lead No.	Basic colour	Colour code	Route
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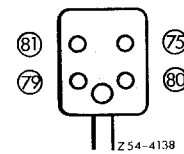
Connector on Wiper Motor

70	black	violet	to fusebox fuse 2
72	black	violet/blue	to combination switch
73	black	violet/green	to combination switch
75	black	violet/white	to foot pump
78	brown		Ground
79	black	blue/yellow	to foot pump



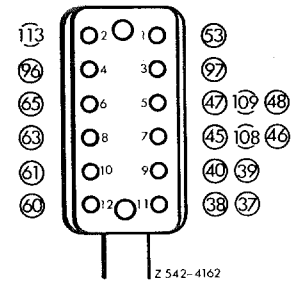
Connector on Foot Pump

75	black	violet/white	to wiper motor terminal 2
79	black	blue/yellow	to wiper motor terminal 1
80	black	violet/pink	to combination switch
81	black	violet	to fusebox fuse 2



Connector for Tail Lamp Line Circuit

53	red	white/yellow	Fusebox fuse 1 trunk light
113	black	white/red	Fusebox fuse 4 fuel delivery pump
97	blue	green	to combination instrument fuel reserve warning
96	blue	black	to combination instrument fuel gauge transmitter
48	black	white	to coupling steering cable assembly blinker left
109	black	white	to combination instrument blinker control left
47	black	white	to blinker light left front
65	grey	yellow	Coupling starter locking and backup light switch
46	black	green	to coupling steering cable assembly blinker right
108	black	green	to combination instrument blinker pilot right
45	black	green	to blinker light right front
63	black	red	to brake light switch
39	green	black	to side marker lamp left front
40	green	black	to rotary light switch terminal Pa L



Lead No.	Basic colour	Colour code	Route
61	grey	black	to fusebox fuse 8 tail and license plate light left
37	green		to side marker lamp right front
38	green		to rotary light switch terminal Pa R
60	grey	red	to fusebox fuse 7 tail and license plate light right

Lacing at Fusebox (Inlet)

5	red		from fuse 1 to rotary light switch
15	red		from fuse 1 to electric antenna
10	red	black	from fuse 2 to series resistance terminal 15
29	red	black	from fuse 2 to ignition switch terminal 15
30	red	black	from fuse 2 to ignition switch terminal 15
4	blue	red	from fuse 2 to combination instrument charging control
76	black	red	from fuse 2 to supplementary fusebox
6	grey		from fuse 7 to rotary light switch terminal 58
18	white		from fuse 9 to steering line assembly terminal 56a
19	yellow		from fuse 11 to steering line assembly terminal 56b

Lacing at Fusebox (Outlet)

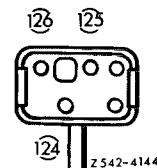
51	red	blue/white	from fuse 1 to steering line circuit headlamp flasher
35	red	green	from fuse 1 to ignition switch terminal P 30
58	red	violet/green	from fuse 1 to reading and dome light rear
91	red	yellow	from fuse 1 to combination instrument terminal 30 – electric clock
138	white	red/blue	from fuse 1 to time delay switch terminal 30
53	white	white/yellow	from fuse 1 to tail light line circuit trunk light

Lead No.	Basic colour	Colour code	Route
92	red	white	from fuse 1 to warning blinker switch
66	black	yellow	from fuse 2 to horn 1
70	black	violet	from fuse 2 to wiper motor terminal 4
71	black	violet	from fuse 2 to steering line circuit terminal 11
81	black	violet	from fuse 2 to foot pump terminal 4
89	black	yellow/green	from fuse 2 to cigar lighter terminal +
107	black	red/green	from fuse 3 to starter locking switch (Model 280 SE/9 3.5 and 300 SEL/9 3.5)
113	black	white/red	from fuse 4 to fuel pump
141	black	green	from fuse 4 to main relay electronic terminal 86 (Model 280 SE/9 3.5 and 300 SEL/9 3.5)
41	black	red/green	from fuse 5 to blinker transmitter terminal 15
62	black	red/violet	from fuse 5 to brake light switch
64	black	yellow/red	from fuse 5 to starter locking and backup light switch
95	black	blue	from fuse 5 to combination instrument
126	black	blue/white	from fuse 5 to lever switch for air suspension
86	black	green/pink	from fuse 6 to heater blower switch
116	black	pink/red	from fuse 6 to rich mixture relay terminal 30 (except Model 280 SE/9 3.5 and 300 SEL/9 3.5)
121	black	pink/red	from fuse 6 to relay starting valve terminal 30
27	grey	red	from fuse 7 to parking lamp right
55	grey	violet	from fuse 7 to combination instrument terminal 58
60	grey	red	from fuse 7 to tail lamp line circuit tail and license plate light right
28	grey	black	from fuse 8 to parking lamp left
31	grey	green/yellow	from fuse 8 to rotary light switch terminal N

Lead No.	Basic colour	Colour code	Route
61	grey	black	from fuse 8 to tail lamp line circuit tail and license plate light left
20	white		from fuse 9 to headlamp right terminal 56a
22	white	blue	from fuse 9 to combination instrument high beam pilot light
21	white	black	from fuse 10 to headlamp left terminal 56a
52	white	violet	from fuse 10 to steering cable assembly headlamp flasher
23	yellow		from fuse 11 to headlamp right terminal 56b
24	yellow	black	from fuse 12 to headlamp left terminal 56b

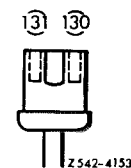
Connector on Lever Switch for Air Suspension

124	green	red	to compressed air control switch
125	brown		Ground
126	black	blue/white	to fusebox fuse 5



Connector on Switch for Higher Level

130	green	white	to combination instrument
131	brown		Ground



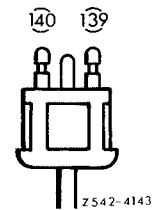
Lacing at Rotary Light Switch

1	red		to alternator terminal B +
5	red		to fusebox fuse 1
6	grey		to fusebox fuse 7
7	white	yellow	to steering cable assembly
8	red		to ignition starting switch
9	red		to ignition starting switch
31	grey	green/yellow	to fusebox fuse 8
32	grey	green	to fog lamp right

Lead No.	Basic colour	Colour code	Route
34	grey	green	to fog lamp left
36	green	white	to ignition starting switch terminal P
38	green		to tail lamp line circuit side marker lamp rear right
40	green	black	to tail lamp line circuit side marker lamp rear left

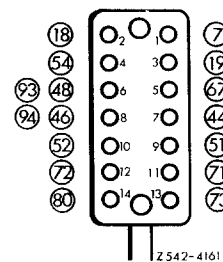
Connector for Dome Light

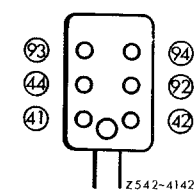
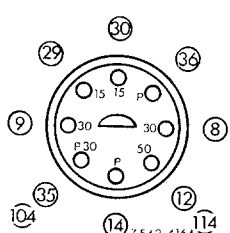
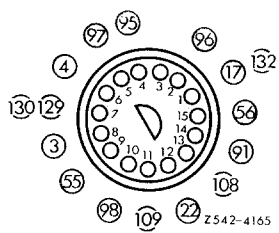
139	white	red	to time delay switch terminal S
140	white	green	to time delay switch terminal L



Connector on Steering Line Assembly with Warning Blinker System

7	white	yellow	to rotary light switch terminal 56
18	white		to fusebox terminal 56
19	yellow		to fusebox terminal 56b
54	brown		Ground
67	black	yellow/pink	to horn I
48	black	white	Tail lamp line circuit blinker left
93	black	white	to warning blinker switch terminal L
44	black	white/green	to blinker transmitter terminal 54
46	black	green	to tail lamp line circuit (blinker right)
94	black	green	to warning blinker switch terminal R
51	red	blue/white	to fusebox fuse 1 terminal 30
52	white	violet	to fusebox fuse 10 headlamp flasher
71	black	violet	to fusebox step 1
72	black	violet/blue	to wiper motor terminal 1
73	black	violet/green	to wiper motor terminal 3
80	black	violet/pink	to foot pump terminal 2

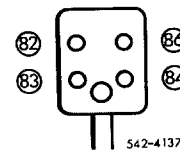


Lead No.	Basic colour	Colour code	Route
Connector on Warning Blinker Transmitter			
41	black	red/green	to fusebox fuse 5 terminal 15/54
42	brown		Ground
44	black	white/green	to steering line circuit terminal 54
92	red	white	to fusebox fuse 1 terminal 30
93	black	white	to steering line circuit (blinker left)
94	black	green	to steering line circuit (blinker right)
			
Connector on Ignition Starting Switch			
8	red		to rotary light switch terminal 30
12	violet	white	to starter locking and backup light switch terminal 50
114	black	pink/blue	to rich mixture relay terminal 86
14	red	green	to double fusebox for radio
35	red	green	to fusebox fuse 1 side marker lamp
104	red	white/green	to glovebox light
9	red		to rotary light switch terminal 30
29	red	black	to fusebox fuse 2 terminal 15/54
30	red	black	to fusebox fuse 2 terminal 15/54
36	green	white	to rotary light switch terminal Pa
			
Connector on Combination Instrument			
17	brown	white/red	to hand brake control switch
132	brown	white/green	to brake control switch 1
96	blue	black	to immersion tube transmitter terminal G
95	black	blue	to fusebox fuse 5 terminal 15/54
97	blue	green	to immersion tube transmitter terminal W
4	blue	red	to fusebox fuse 2 charging control
129	green	red	compressed air control switch
			

Lead No.	Basic colour	Colour code	Route
130	green	white	to lever switch higher level
3	blue		to regulator terminal D + (charging control)
55	grey	violet	to fusebox fuse 7
98	brown		Ground
109	black	white	to coupling tail lamp line circuit blinker control left
22	white	blue	to fusebox fuse 9 (high beam control)
108	black	green	to coupling tail lamp line circuit blinker control right
91	red	yellow	to fusebox fuse 1 terminal 30
56	grey	blue	to lighting for heater control

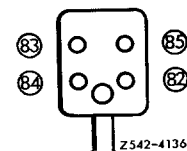
Connector on Heater Blower Switch

82	green	red	to heater blower motor step 1
83	green	yellow	to heater blower motor step 2
84	green	yellow/black	to heater blower motor step 3
86	black	green/pink	to fusebox fuse 6 terminal 15/54



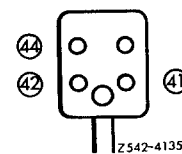
Connector on Heating Blower Motor

82	green	red	to heating blower switch step 1
83	green	yellow	to heating blower switch step 2
84	green	yellow/black	to heating blower switch step 3
85	brown		Ground



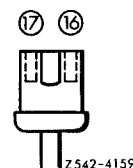
Connector on Direction Signal Blinker Transmitter


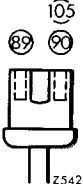
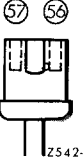


41	black	red/green	to fusebox fuse 5
42	brown		Ground
44	black	white/green	Combination switch terminal 54



Connector on Hand Brake Control Switch

16	brown		Ground
17	brown	white/red	to combination instrument



Lead No.	Basic colour	Colour code	Route	
Connector on Brake Lamp Switch				
62	black	red/violet	to fusebox fuse 5 terminal 15/54	 Z542-4158
63	black	red	to tail lamp line circuit brake lamp	
Connector to Cigar Lighter				
89	black	yellow/green	to fusebox fuse 2 terminal 15/54	 Z542-4154
105	brown		to glovebox light (ground)	
90	brown		Ground	
Connector for Heater Control Light				
56	grey	blue	to combination instrument (control resistance)	 Z542-4155
57	brown		Ground	
Connector to Glovebox Light				
104	red	white/green	to ignition starting switch terminal P 30	 Z542-4156
106	red	white	to switch glovebox light	
Connector to Switch Glovebox Light				
105	brown		to cigar lighter (ground)	 Z542-4157
106	red	white	to glovebox light	