

VOLVO

Servicehandboek

Lokaliseren van storingen

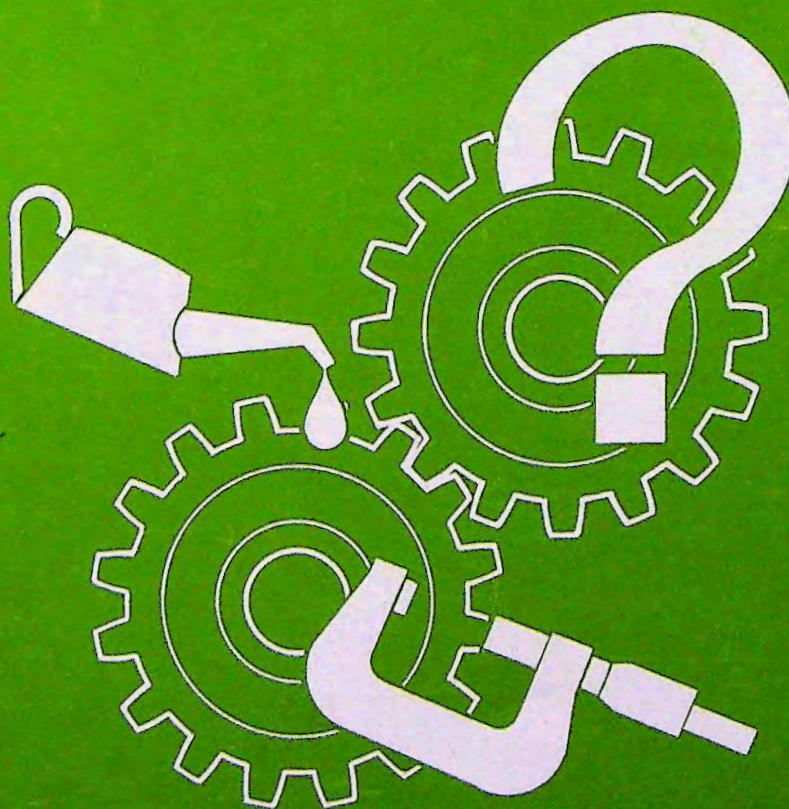
Reparatie

Onderhoud

Hoofdgroep 3(39)

Bedradingsschema

760 GLE 1982



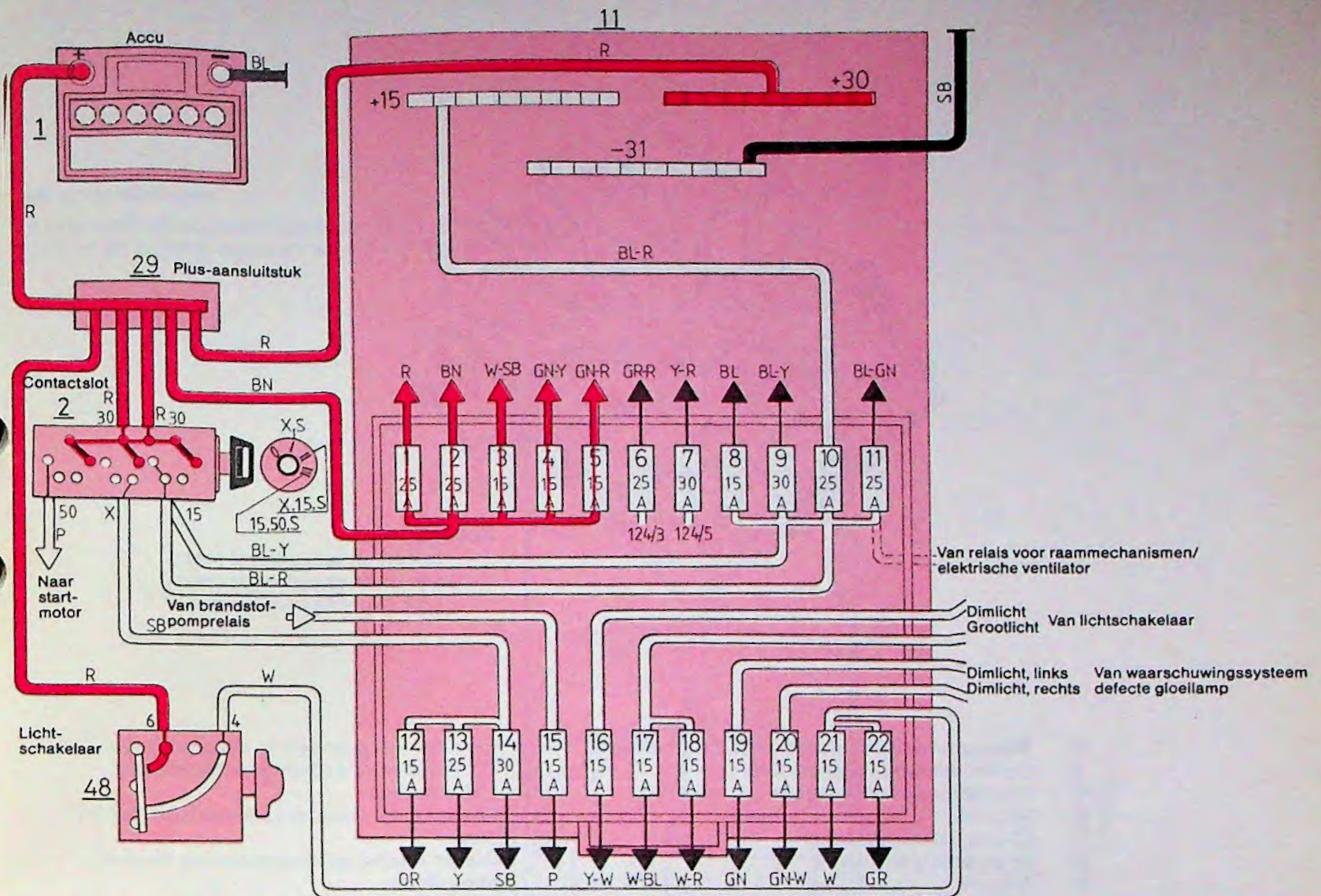
INHOUD

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Alfabetisch inhoudsoverzicht	achter in boek

Bestelnummer: TP 30529/1

Wijzigingsrechten voorbehouden

Centrale verdeeldoos, zekeringen



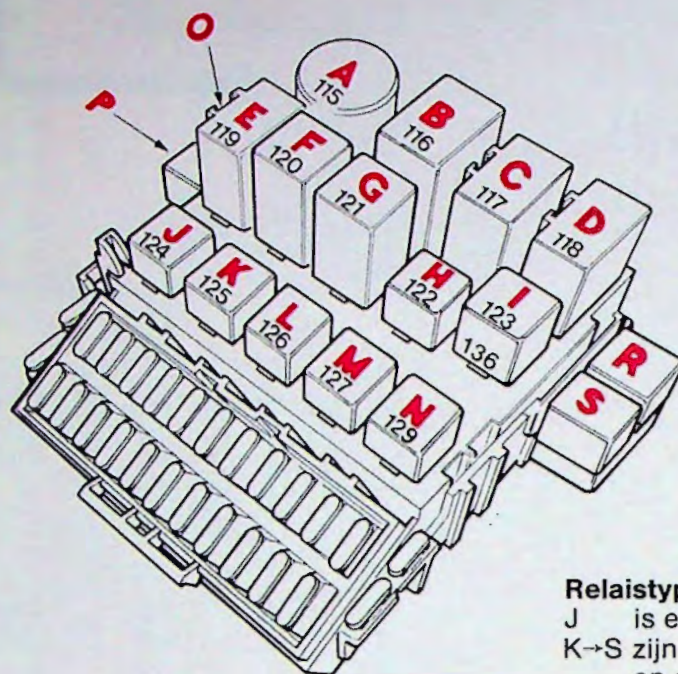
Ingeschakelde functies met betreffende zekering en verwijzing naar pagina

135264 H

Zekering nr	Ingeschakelde functies	pagina
	30+ voeding (steeds spanningvoerend)	
1	Waarschuwingsknipperlichten	44
	Lichtsignaal (via zekering 17 en 18)	18
	Centrale vergrendeling	72
2	Brandstofpompen E- en F-motor (via brandstofpomprelais)	8
3	Extra lichten (verstralers/mistlampen in spoiler)	38
4	Remlichten	24
5	Klokje	60
	Make-up spiegel	30
	Handschoenenkastje, verlichting	30
	Motorruimte- en bagageruimte-verlichting	36
	Binnenverlichtingen	32
	Motor-bedienende antenne	94
	Waarschuwingsschakelaar, portieren	42
	Radio	94
	15+ voeding (contact in stand II en III) zekering 6 en 7 via relais	
6	Elektrische ventilator	92
7	Elektrisch bediende raammechanismen	70
8	Richtingaanwijzers	44
	Overdriverelais	66
9	Elektrische achterrautverwarming	76
	Elektrisch bediend schuifdak	90
10	Instrumenten	60
	Achteruitrijlichten	26
	Elektrisch verwarmde stoel(en)	80
	Aansluitingen met platte pennen +15 in centrale verdeeldoos:	
	— Relais raammechanismen/elektrische ventilator	70
	— Waarschuwingsschakelaar, oliepeil	64
11	Dagrijlichten	22
	Luchtaanjagermotor CU-verwarming, snelheid 1 en relais voor airconditioning	82

Zekering nr	Ingeschakelde functies	pagina
	X voeding (contact stand I en II)	
12	Sigare-aansteker	54
	Radio	94
	Elektrisch bediende buitenspiegels	78
13	Claxons	46
	Ruitwissers/-sproeiers	52
	Koplampwissers/sproeiers	52
14	Luchtaanjagermotor, overige snelheden	82
15	Tankpomp E- en F-motor via zekering 2	8
	(Alleen spanningvoerend, als de motor loopt en bij het starten van de motor)	
	Voeding groot- en dimlicht	
16	Mistachterlamp	40
17	Controlelampje grootlicht	18
	Grootlicht, links	
18	Grootlicht, rechts	18
19	Dimlicht, links	18
20	Dimlicht, rechts	18
	Relais mistlampen (Zweden)	38
	58 voeding (van lichtschakelaar)	
21	Asbakverlichting, vóór	28
	Instrumenten- en bedieningspaneel-verlichting, vóór	28
	Achterlicht en parkeerlicht, links	20
	Kentekenplaatverlichting	20
	Herinneringszoemer, verlichting	56
22	Autogordelsluiting en asbakverlichting, achter	28
	Verlichting, bedieningspaneel	
	automatische versnellingsbak	28
	Verlichting, schakelaar tunnelconsole	28
	Achterlicht en parkeerlicht, rechts	20
	Relais, mistlampen (Zweden)	38

Relais



Relaistypes

J is een enkelwerkend relais
K→S zijn dubbelwerkende relais
en onderling verwisselbaar

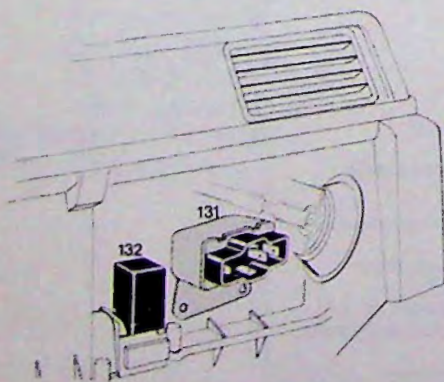
A	Waarschuwingssysteem, defecte gloeilamp	K	Centrale vergrendeling, ontgrendelen
B	Controlelampje, autogordels	L	Centrale vergrendeling, vergrendelen
C	Intervalrelais ruitwissers	M	Extra lichten
D	Nog vrij	N	Mistlampen (Zweden), overdrive AW 70/71
E	CI-brandstofinspuiting	O	Nog vrij
G	Knipperlichtautomaat	P	Relais waarschuwingssysteem oliepeil, stuur links
H	Nog vrij	R	Nog vrij
I	Overdriverelais	S	Relais waarschuwingssysteem oliepeil, stuur rechts
J	Raammechanismen en relais van elektrische ventilator		

Relais voor CU-verwarming

De relais zijn in het handschoenenkastje aangebracht.

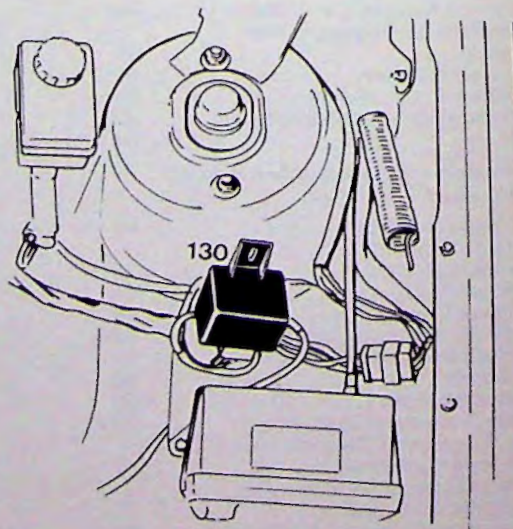
131 Luchtaanjagerrelais

132 Vertragsrelais voor compressor, airconditioning



130 Relais gloeistroom Diesel

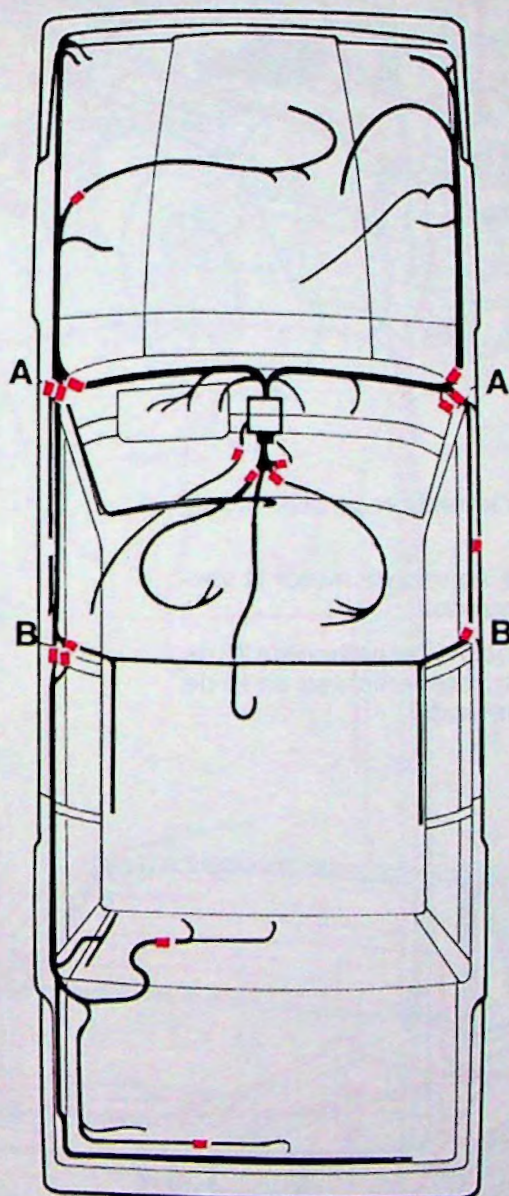
Het relais zit bovenop de linker wielkuip



Stekerverbindingen

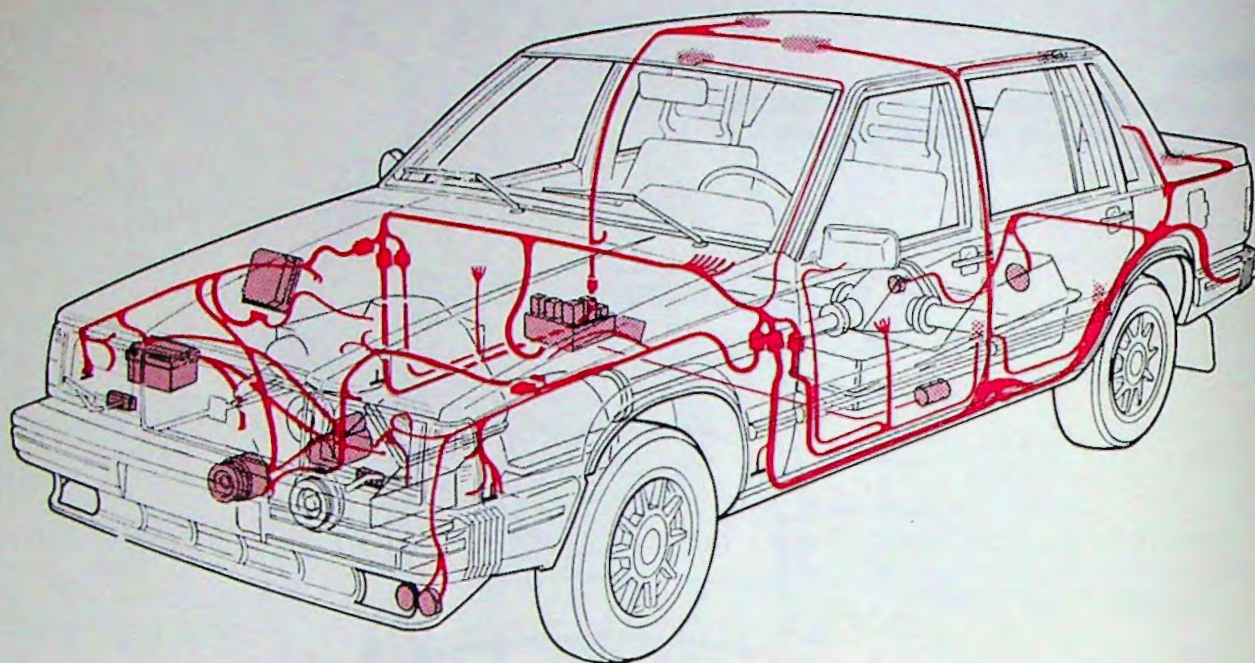
Stekerverbindingen

De belangrijkste aansluitplaatsen voor de kabelbomen zitten bij de A- en B-stijl vóór de versnellingshendel.



135267 H

Kabelbomen

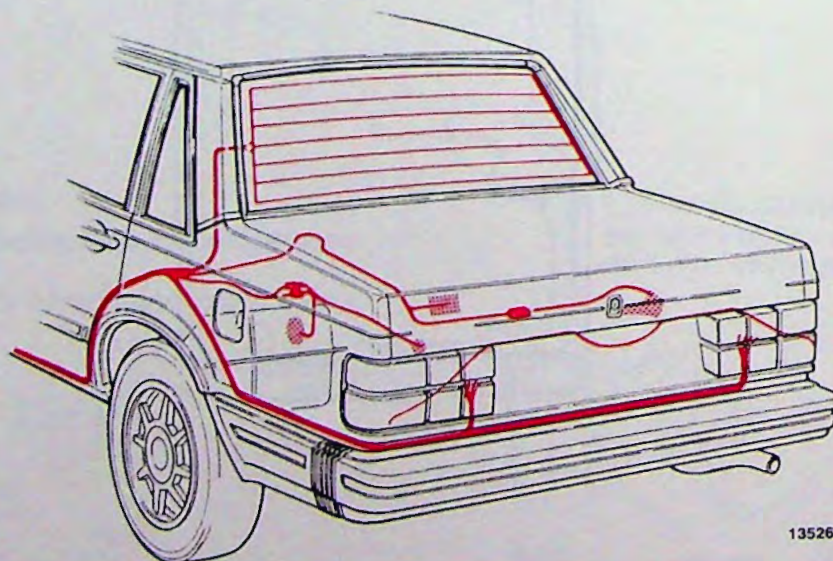


Dradenloop

De loop van de voornaamste kabelbomen blijkt uit de afbeelding.

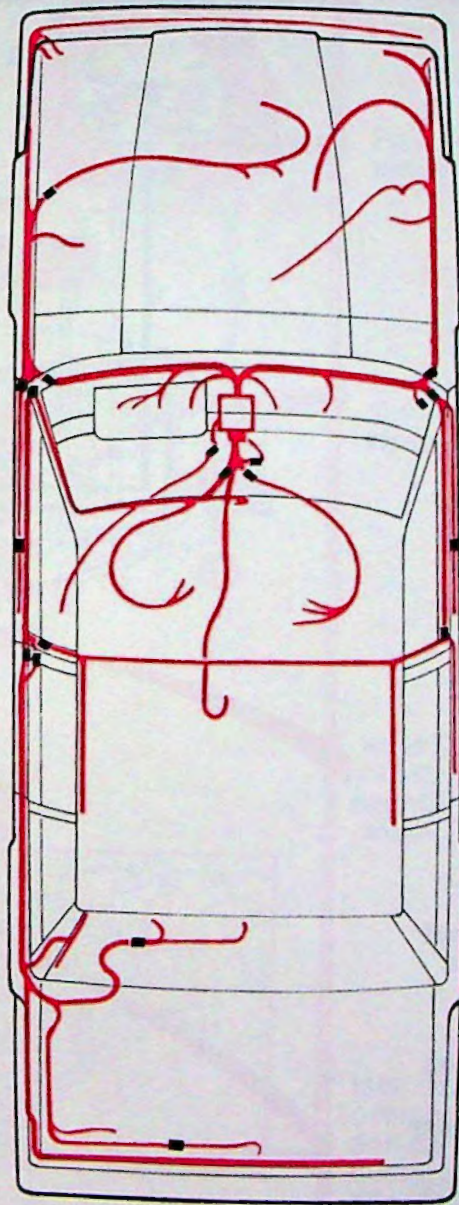
De massa van de carrosserie en van de motor is verbonden met de negatieve accupool.

De massa-aansluitingen zitten op drempelhoogte bij de A-stijlen en achter de voorste knipperlichten en in de tunnelconsole bij de handremhendel.



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Kabelbomen



135268 H

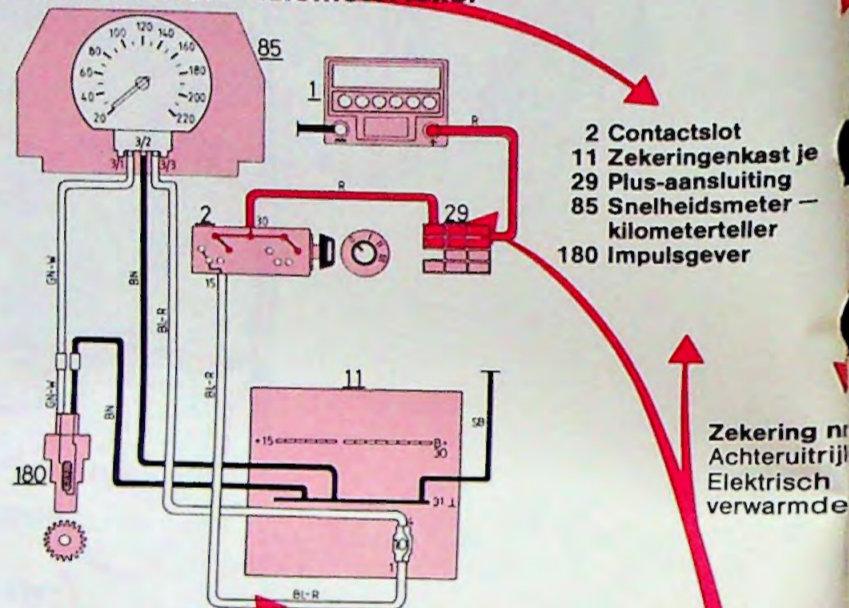
Zo moeten de bedradingen

Zoek in de inhoudsopgave de betreffende functie op.
Stel, dat deze de snelheidsmeter is. Volgens de inhoudsopgave staan de snelheidsmeter-kilometerteller op pagina 62, 63 en u slaat deze op.

Hier is schematisch afgebeeld, hoe de componenten met elkaar verbonden zijn en hoe "zij er van binnen uitzien".

De naam van de ingaande componenten

Snelheidsmeter - kilometerteller



De kleur van de draden
wordt met letters aangegeven:

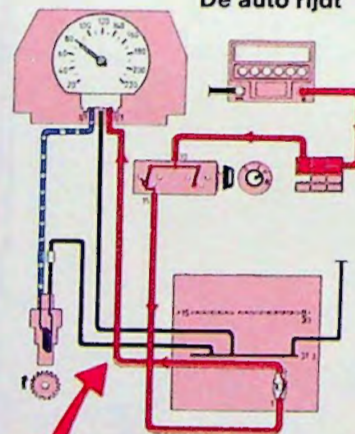
SB = Zwart	R = Rood	BL = Blauw
GR = Grijs	BN = Bruin	GN = Groen
W = Wit	Y = Geel	OR = Oranje
	P = Rose	VO = Paars

Kleurencode van het bedradingsschema

- = spanningsloos
- = massa-aansluiting
- = installatiespanning
- = spanning lager dan de installatiespanning
- = stroomrichting

129 077

De auto rijdt



Stroomrichting en spanningstoestand
in de bedrijfsstand.

Met behulp van het componentennummer kunt u van de componentenafbeeldingen gemakkelijk naar het bedradingsschema overgaan.

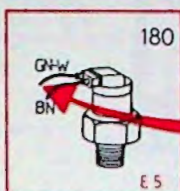
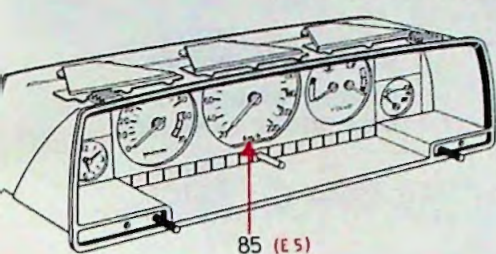
ema's worden gebruikt

Als de zekering voor meer dan één functie wordt gebruikt, wordt dit vermeld. Als de overige functies werken, is de zekering heel en zit de storing achter het zekeringenkastje.

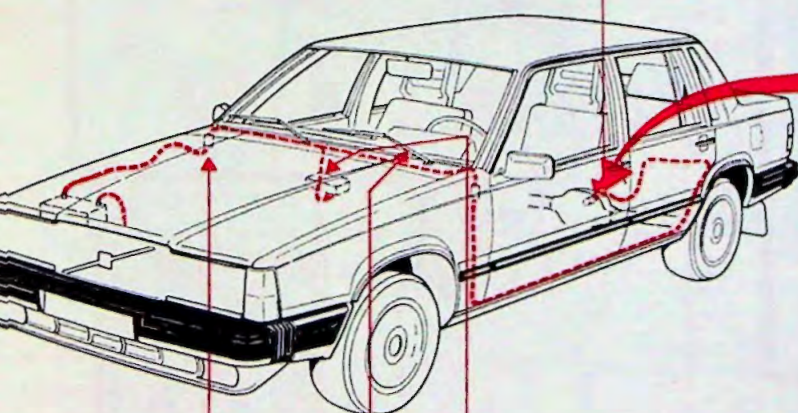
Bij het lokaliseren van storingen

Test met een proeflamp met een scherpe punt, zodat u door de isolatie van een draad heen kan steken.

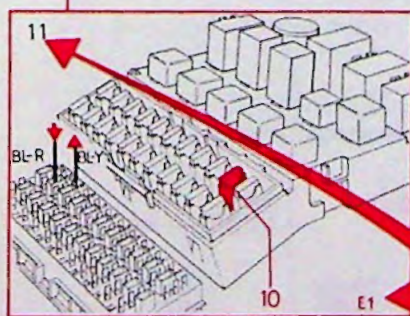
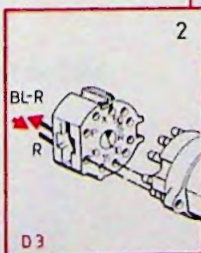
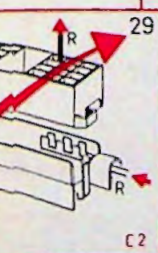
Snelheidsmeter – kilometerteller



Hier ziet u, hoe de verschillende draden op de betreffende componenten zijn aangesloten.



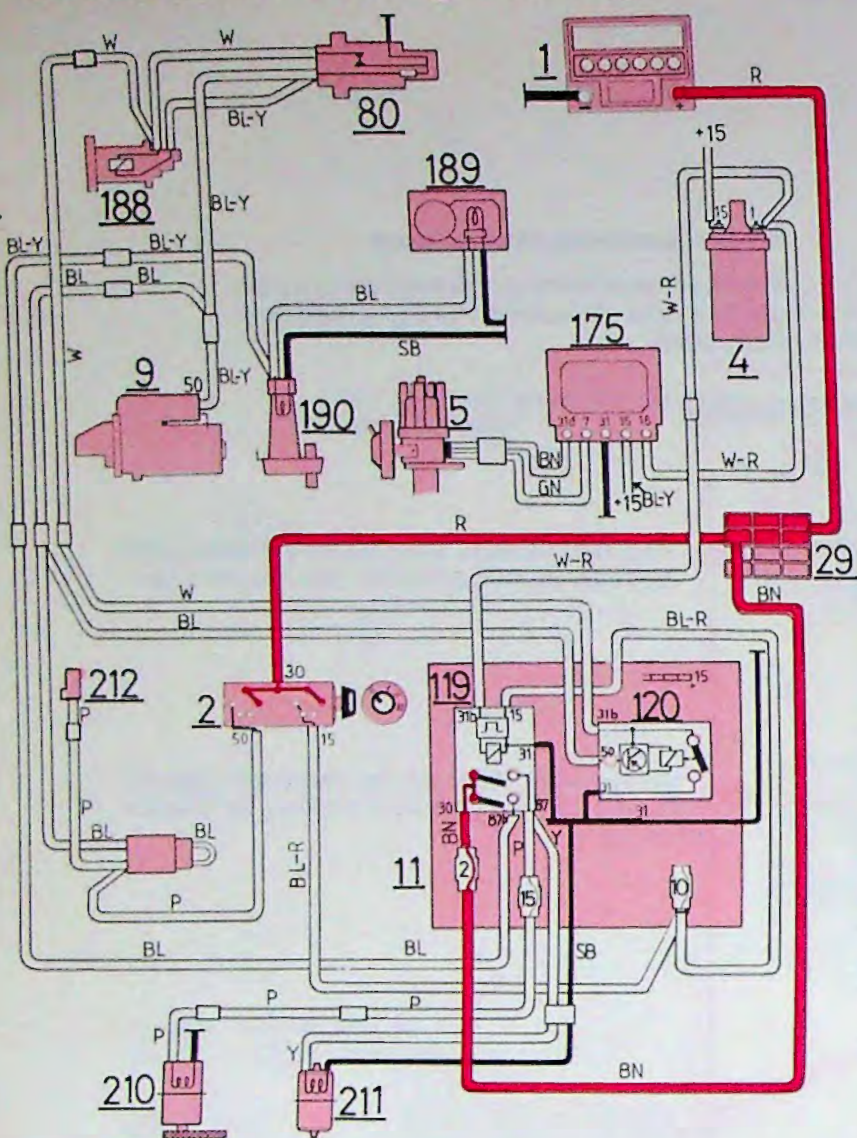
Verder blijkt, waar de componenten van de functie zijn aangebracht en hoe de draden lopen.



Met de coördinaten-aanduiding en met het componentennummer kunt u de component ook op het uitslaande blad van het volledige bedradingschema op pagina 96 en 97 vinden. In het vak E1 vindt u dus zekering nr 10 in het zekeringenkastje 11.

135270 H

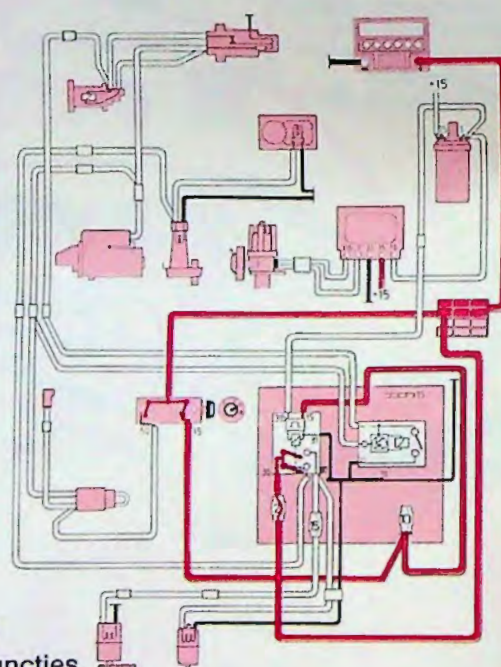
Brandstofinspuiting



- 2 Contactslot
- 4 Bobine
- 5 Stroomverdeler
- 9 Startmotor
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 80 Thermo-tijdgever
- 119 Elektronisch pomprelais

- 120 Impulsrelais
- 175 Regeleenheid (ontsteking)
- 188 Startinjector
- 189 Dempdrukregelaar
- 190 Hulp-luchtregelaar
- 210 Tankpomp
- 211 Brandstofpomp
- 212 Stroomaansluiting

Stilstaande motor
(contact staat aan, maar motor loopt niet)



Zekering nr 2
Geen andere functies

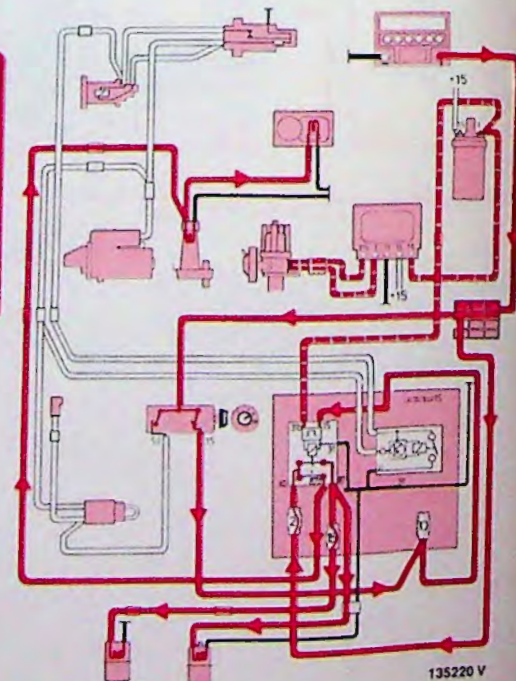
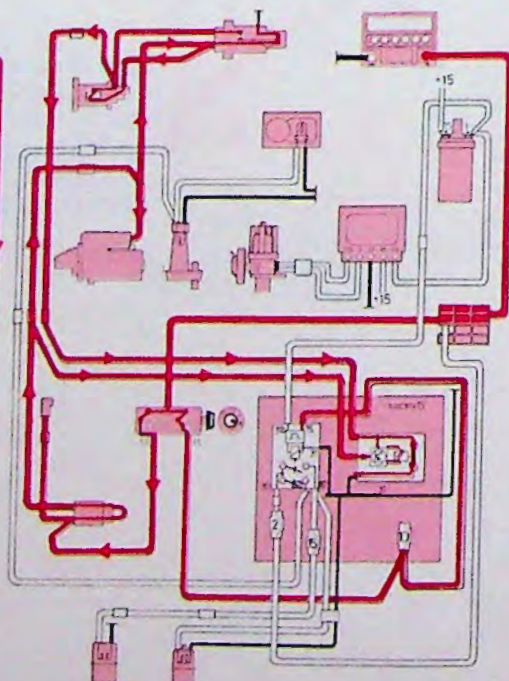
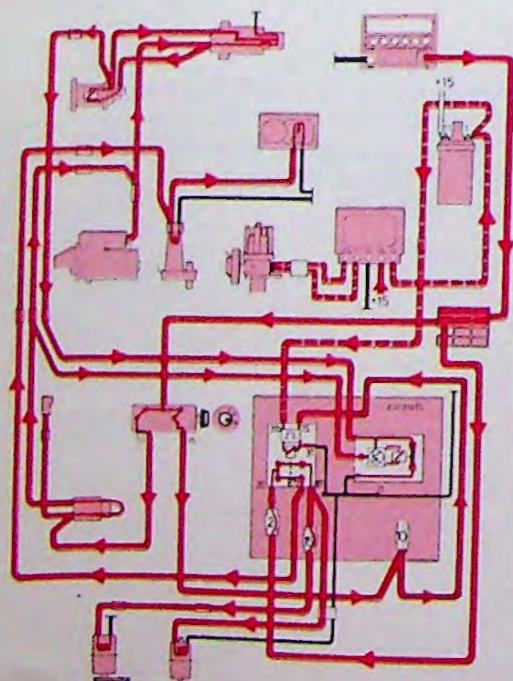
Zekering nr 10
Achteruitrijlichten
Elektrisch verwarmde stoelen

Zekering nr 15
Geen andere functies

Koude motor starten

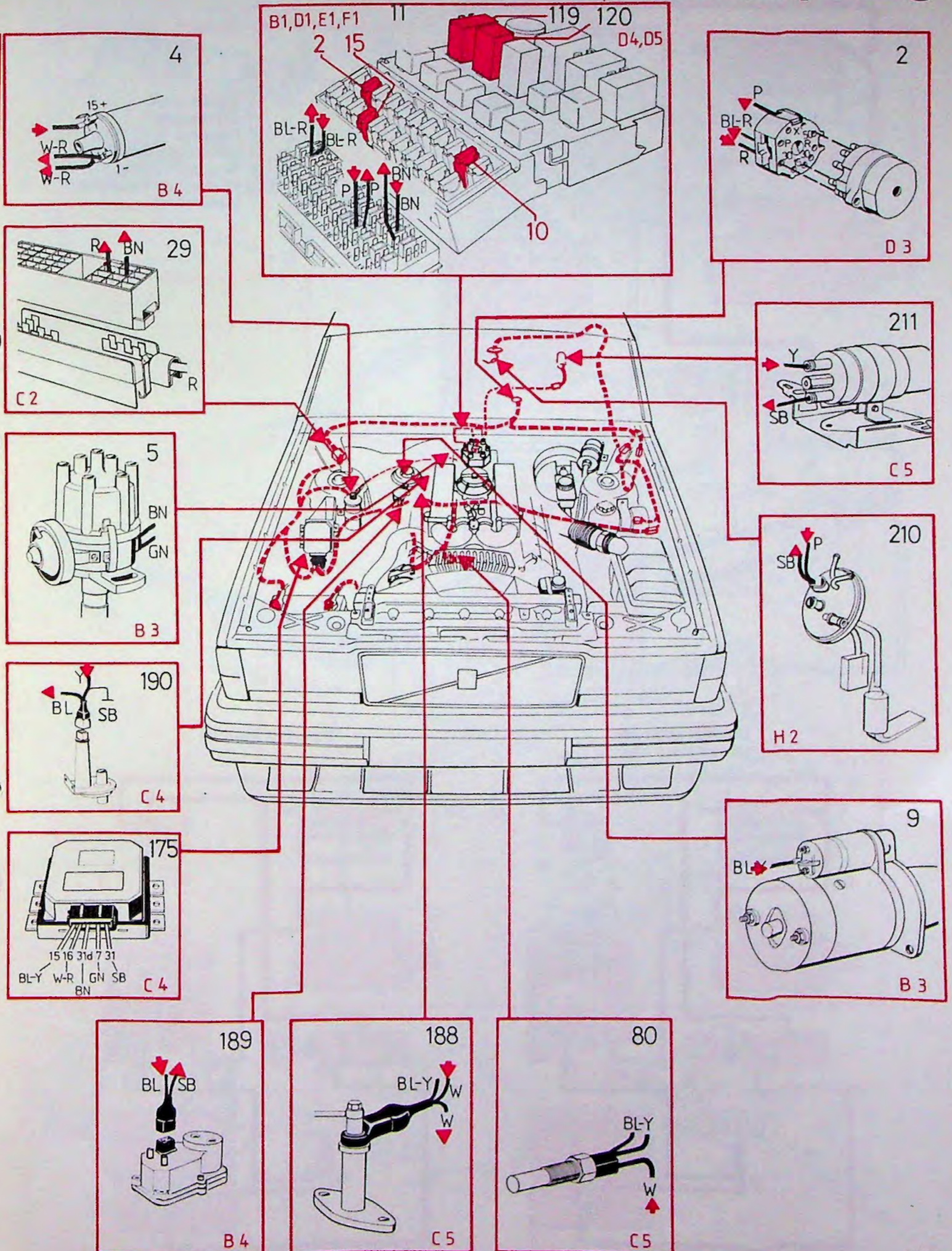
Warme motor starten

Motor loopt

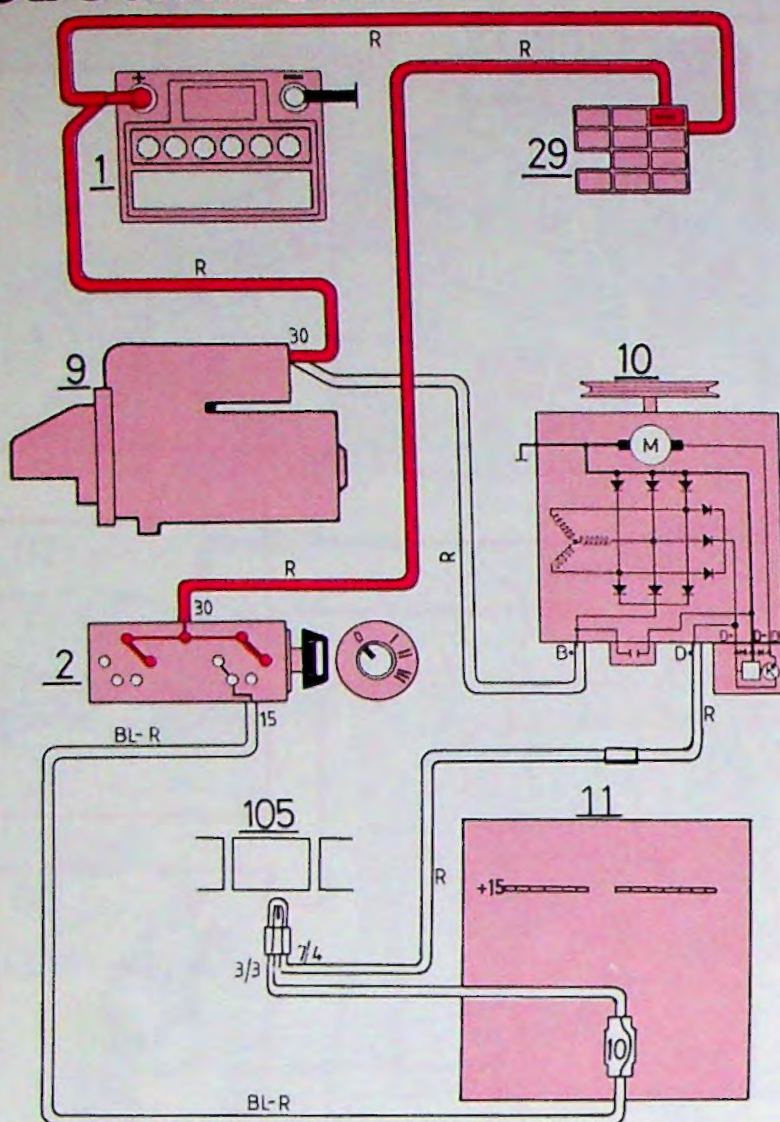


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Brandstofinspuiting

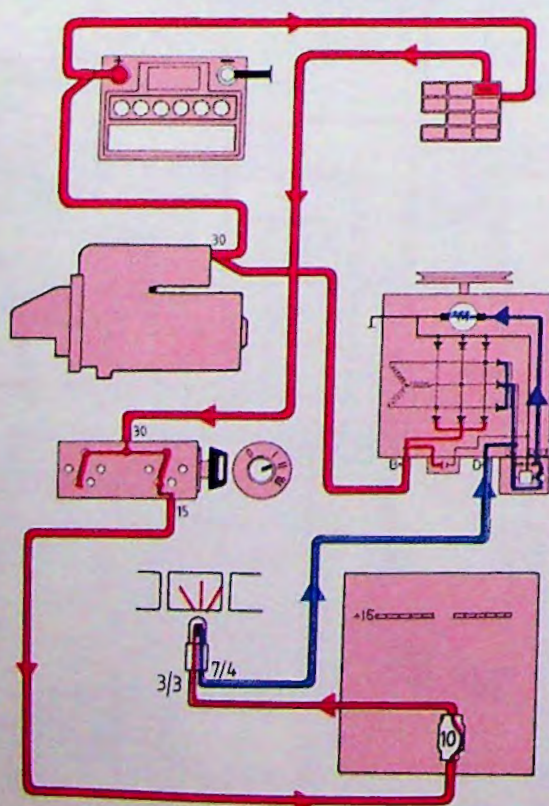


Stroomtoevoer

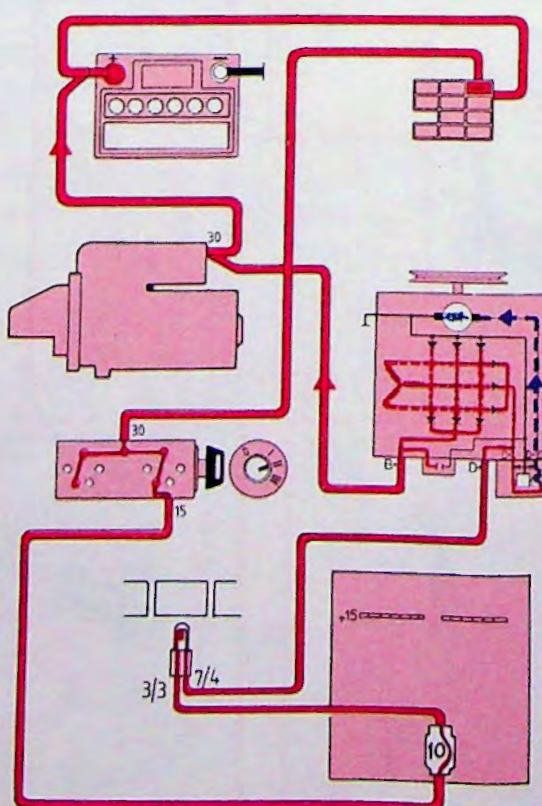


- 2 Contactslot
- 9 Startmotor
- 10 Dynamo
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 105 Waarschuwinglampje laadstroom

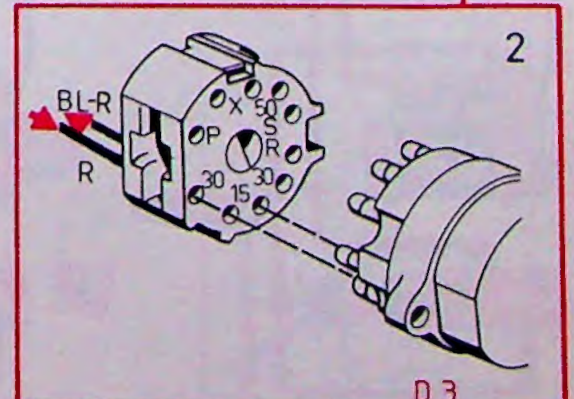
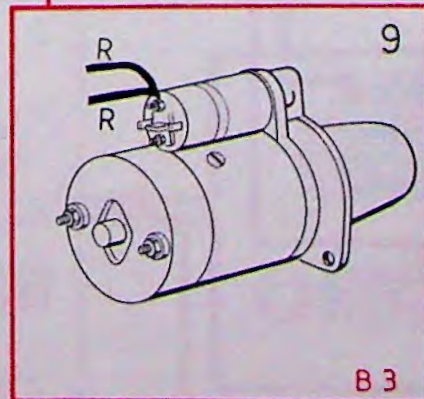
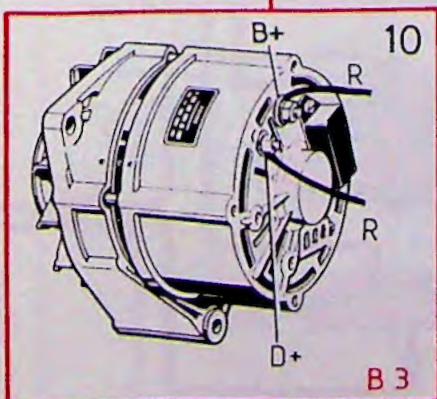
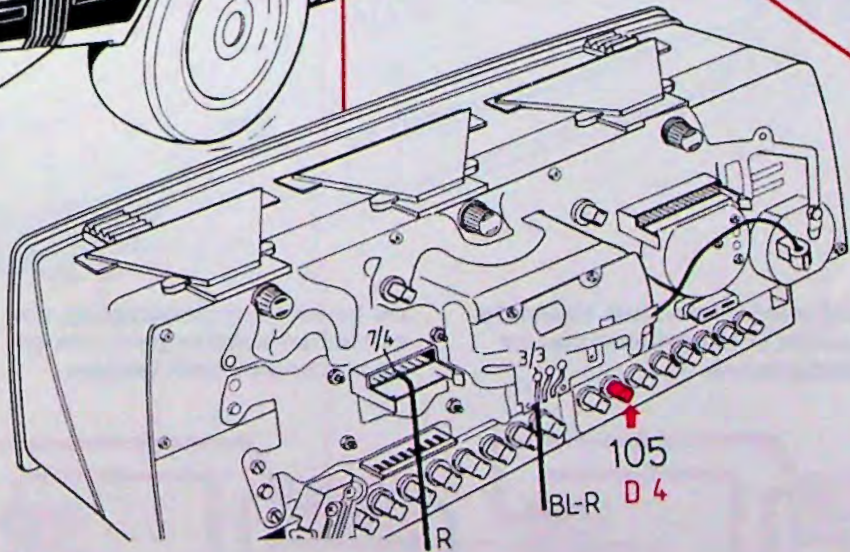
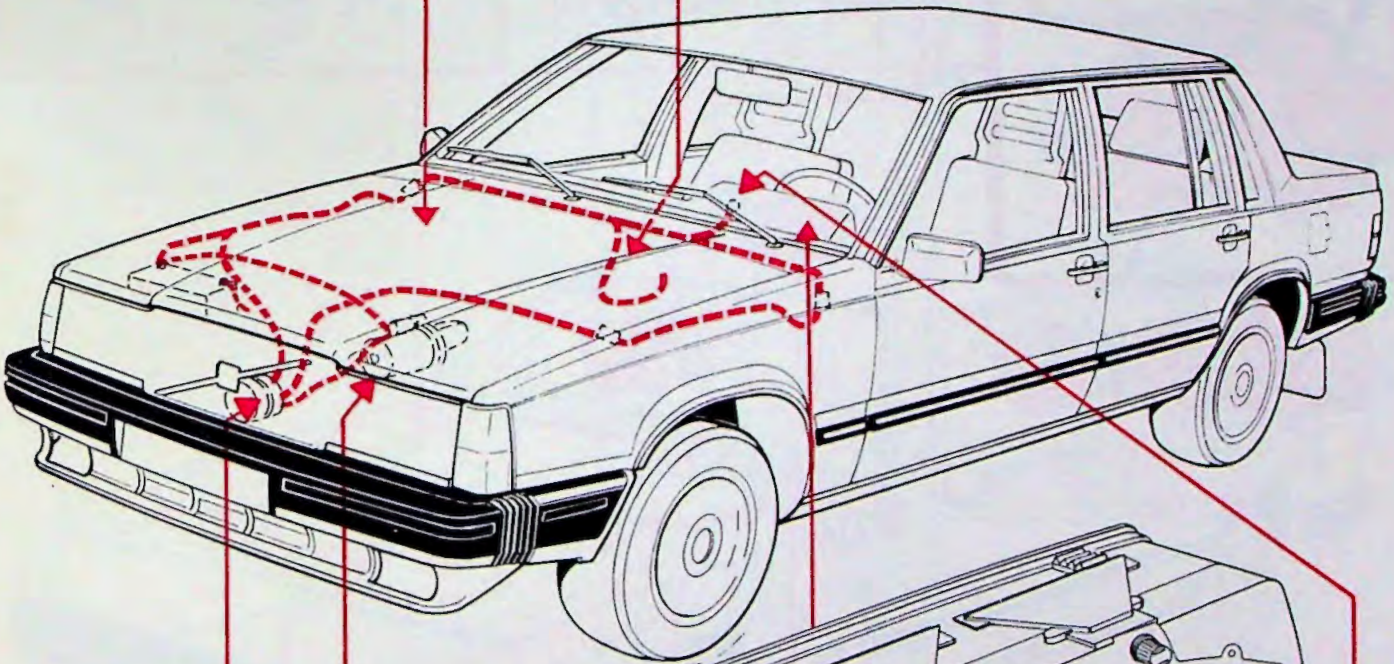
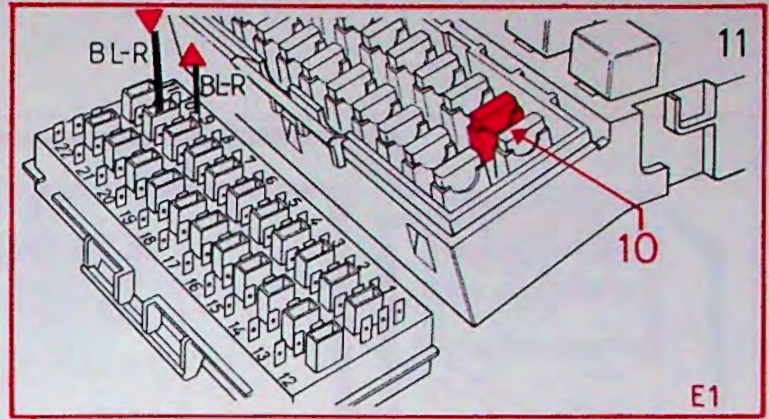
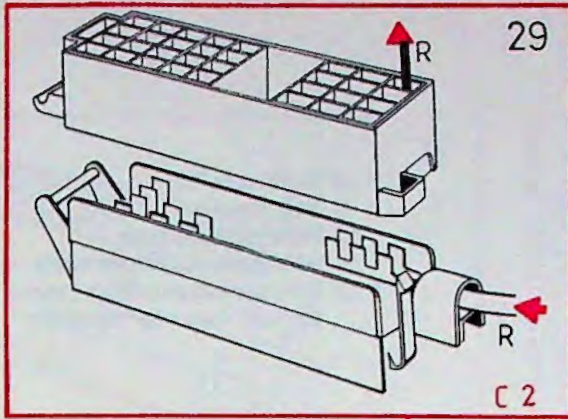
**Contact staat aan
(motor loopt niet)**



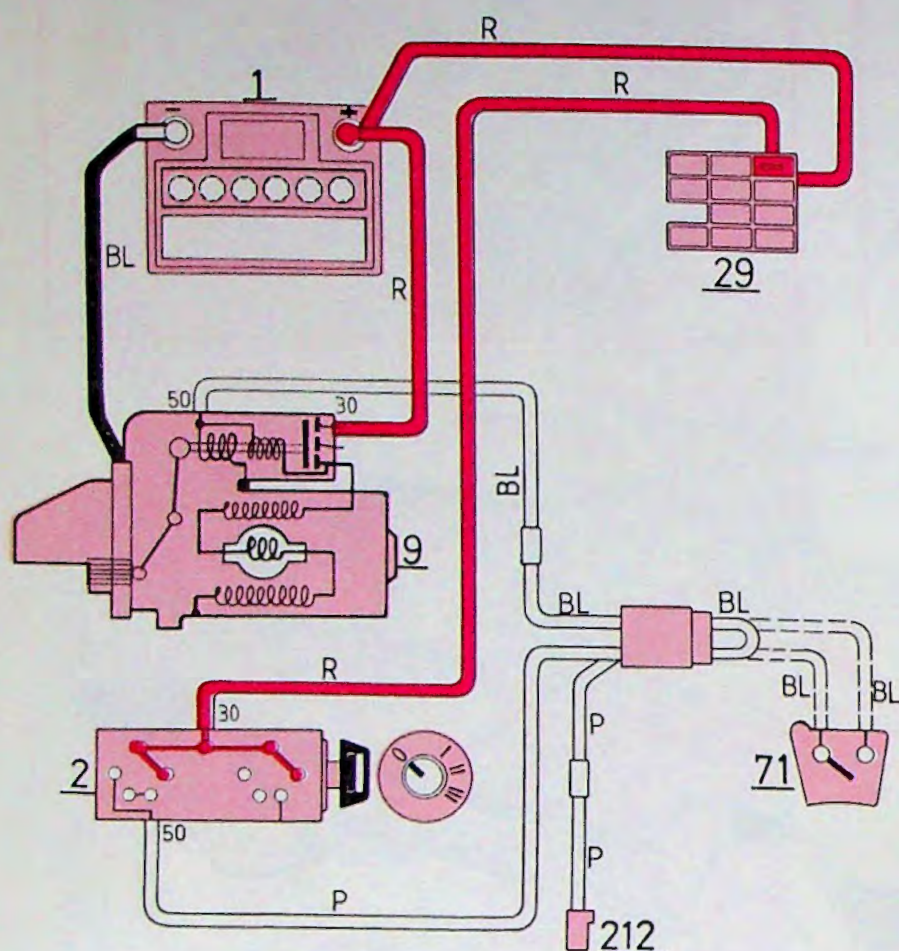
Dynamo laadt bij



Stroomtoevoer



Startcircuit

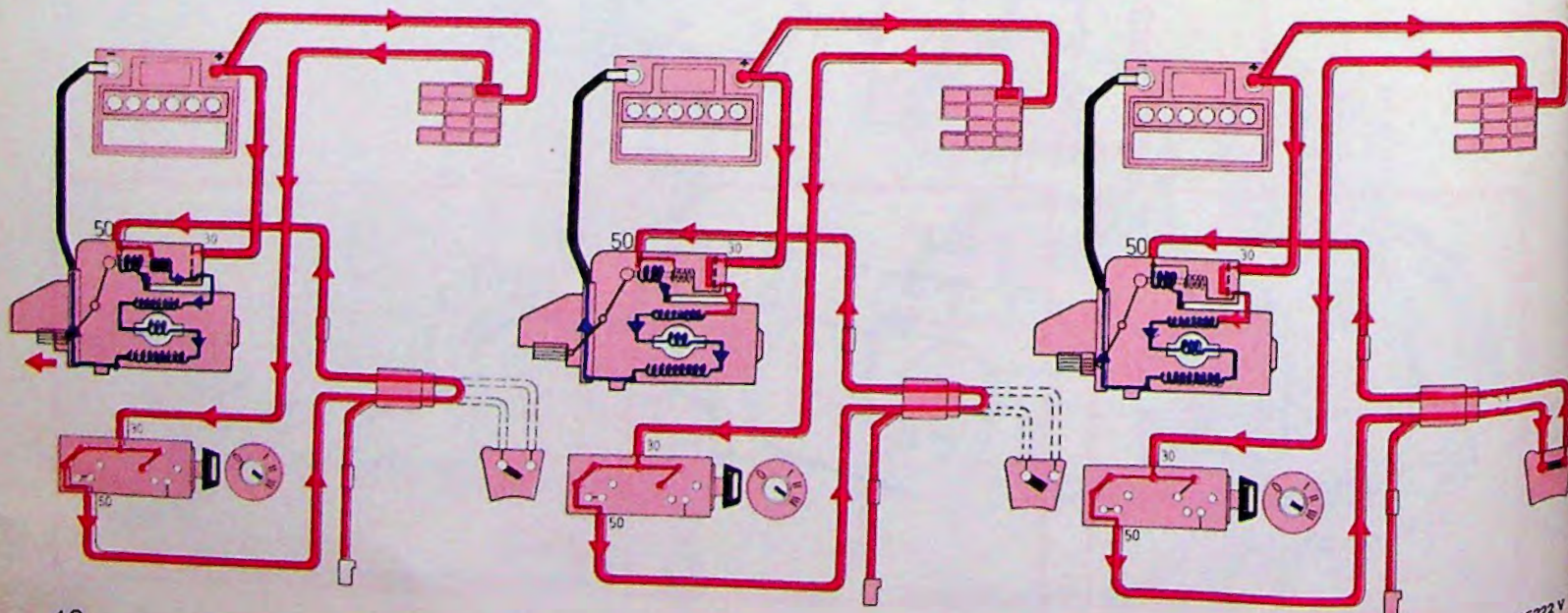


- 2 Contactslot
- 9 Startmotor
- 29 Plus-aansluiting
- 71 Startbeveiligingsrelais
- 212 Stroomaansluiting (voor tornen van startmotor)

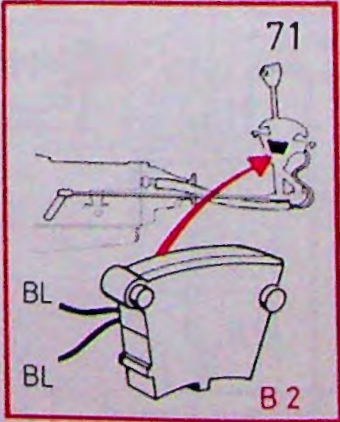
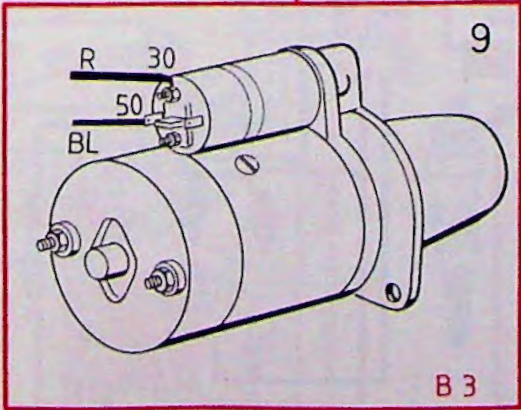
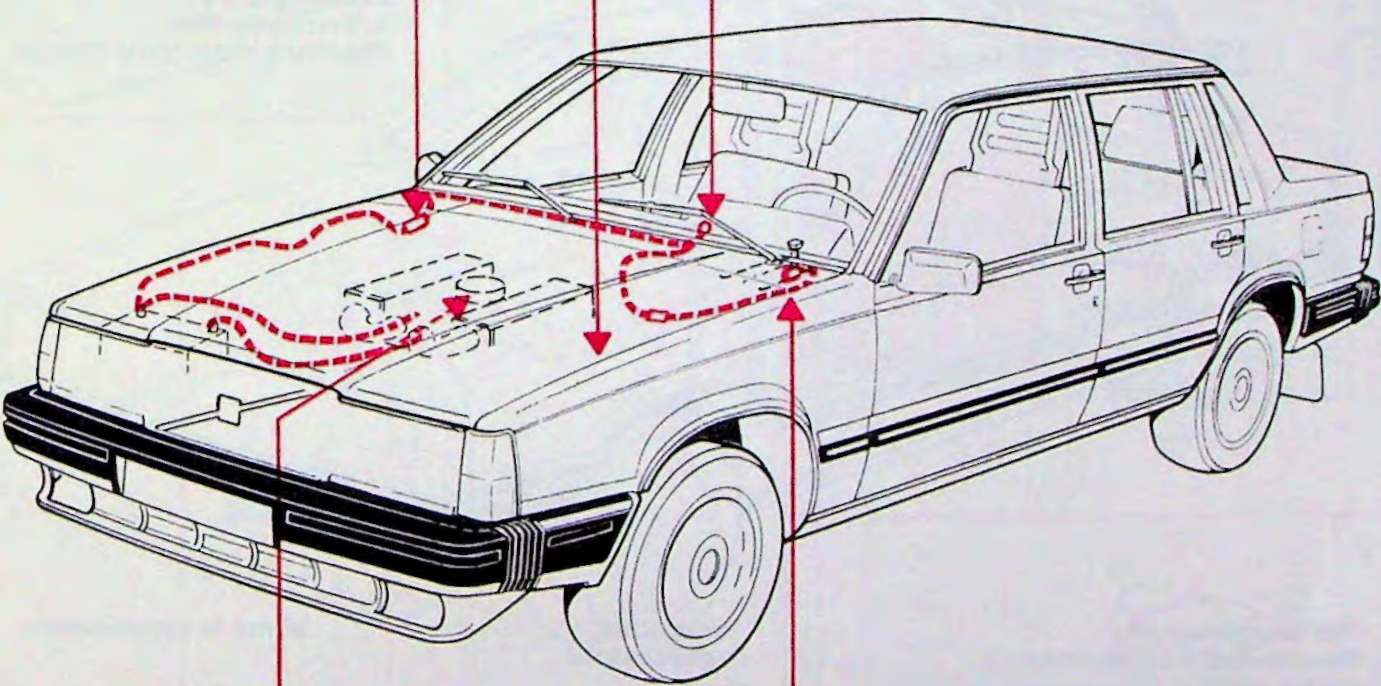
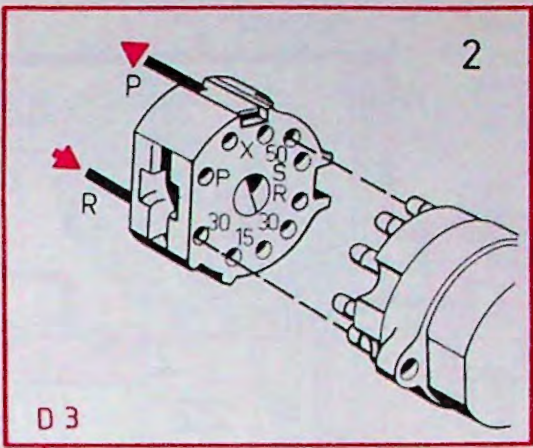
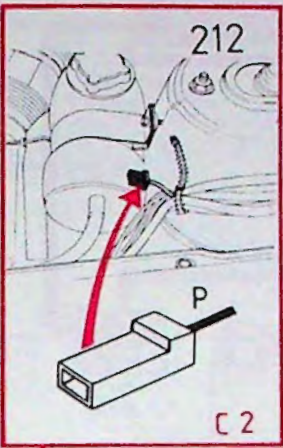
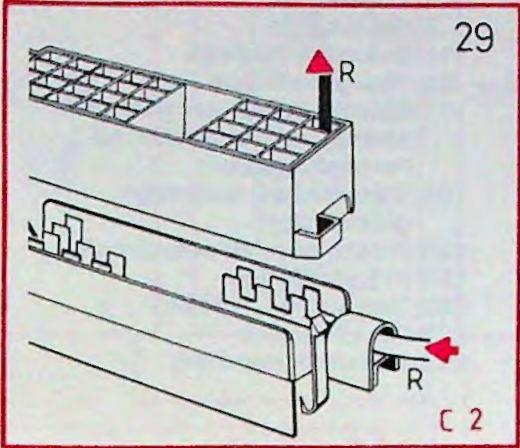
Het startmotorrelais schiet de bendix in aangrijping met de starterkrans

De bendix is in aangrijping, de contacten worden gesloten en de startmotor gaat werken

Bij auto's met automatische versnellingsbak moet het startbeveiligingsrelais zijn gesloten om de startmotor stroom te laten krijgen.

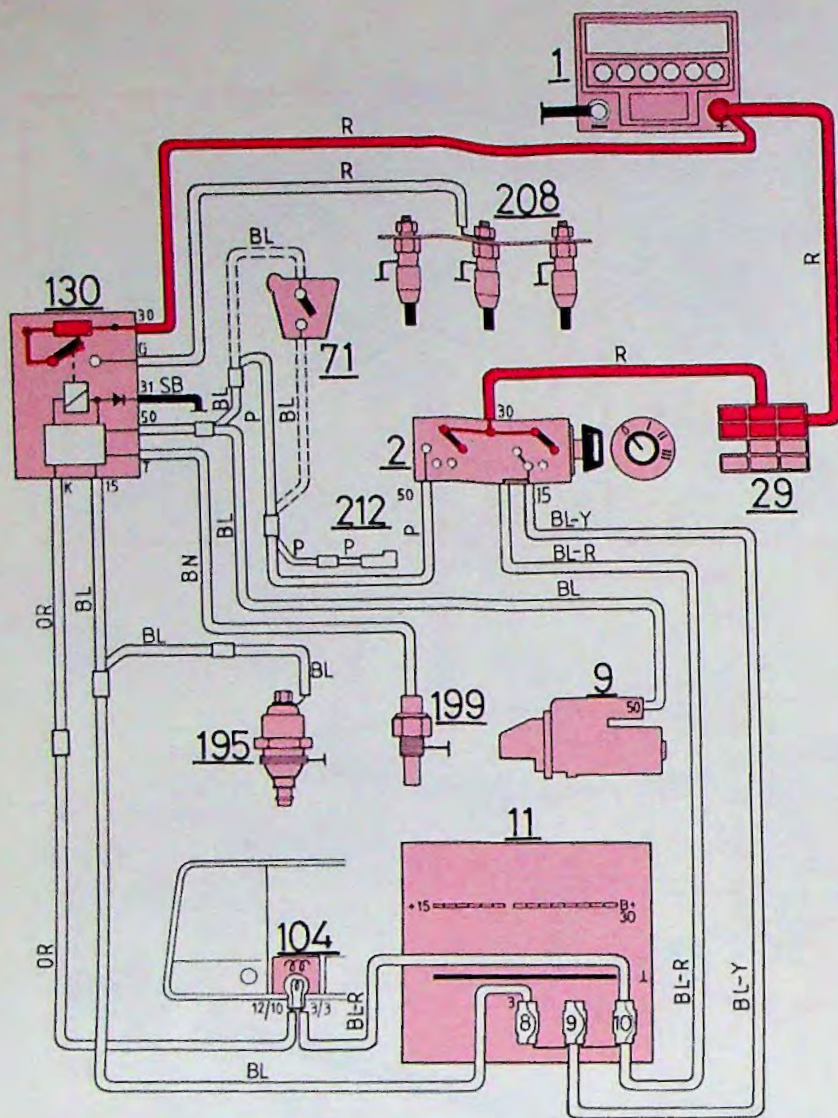


Startcircuit



135222 H

Voorgloeien (gloeibougies) Diesel



- 2 Contactslot
- 9 Startmotor
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 71 Startbeveiligingsrelais (bij auto's met automatische versnellingsbak)
- 104 Waarschuwingslampje gloeistroom
- 130 Relais, gloeistroomcircuit
- 195 Brandstofklep
- 199 Temperatuurvoeler
- 208 Gloeibougies
- 212 Stroomaansluiting

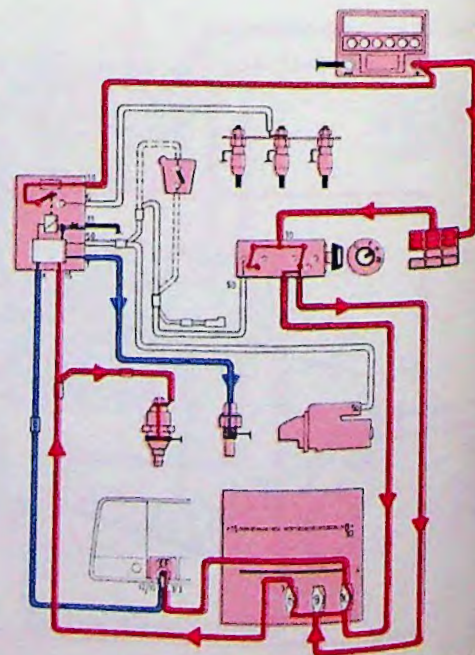
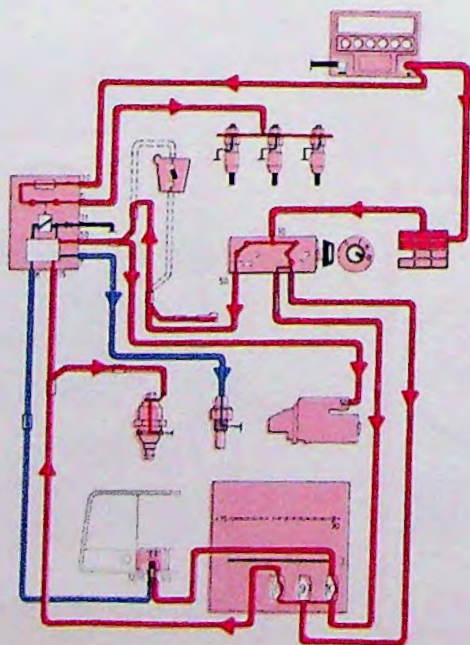
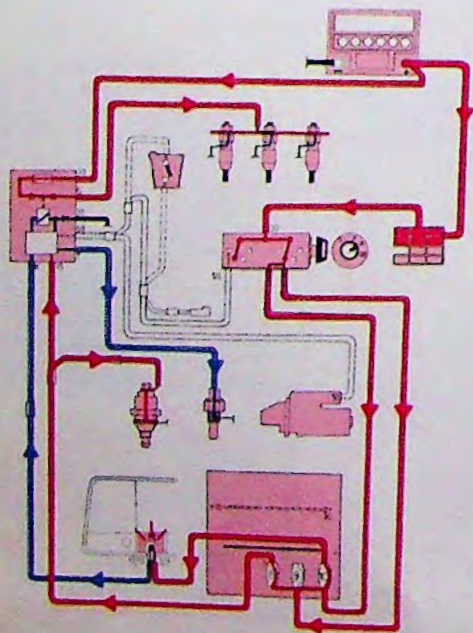
Zekering nr 8
Richtingaanwijzers

Zekering nr 10
Achteruitrijlichten
Elektrisch verwarmde stoelen

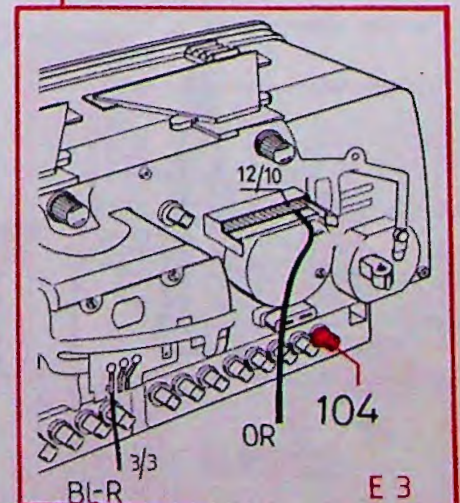
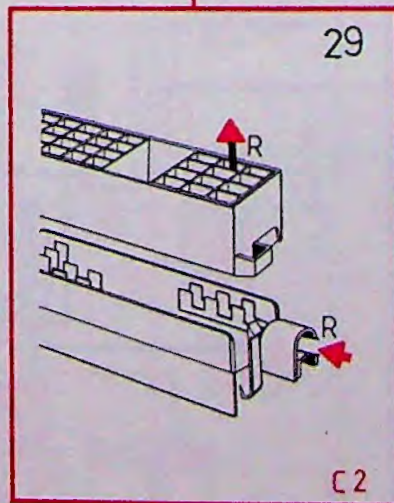
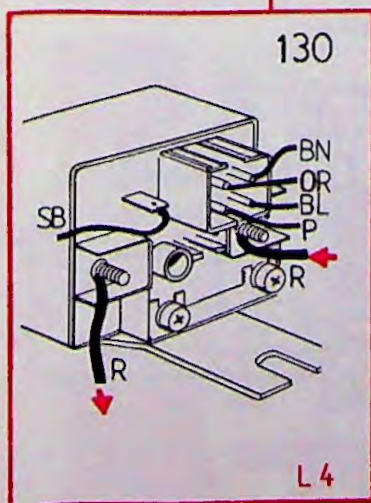
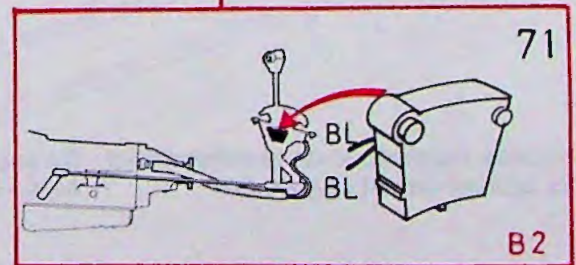
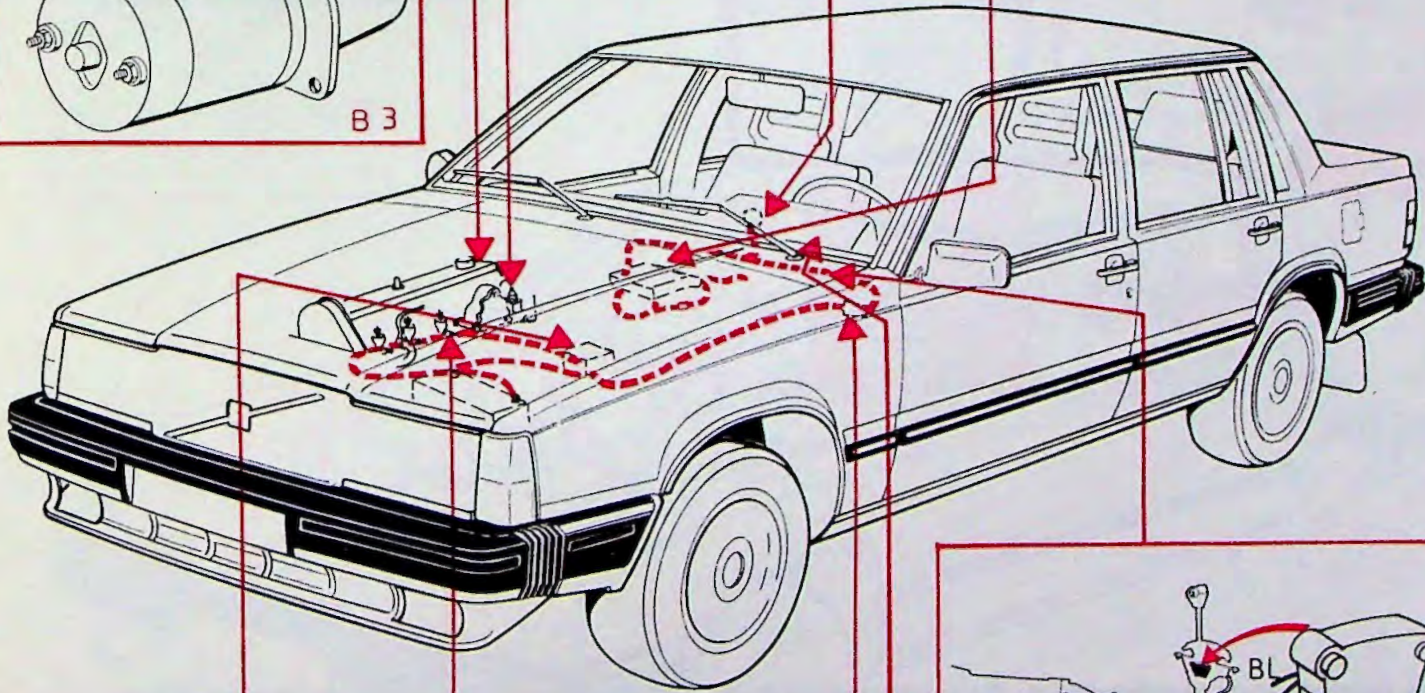
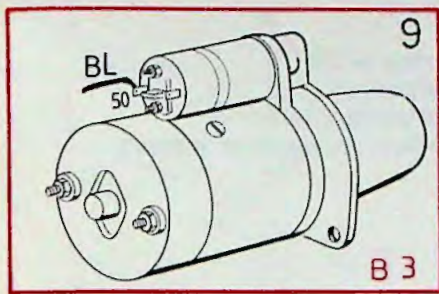
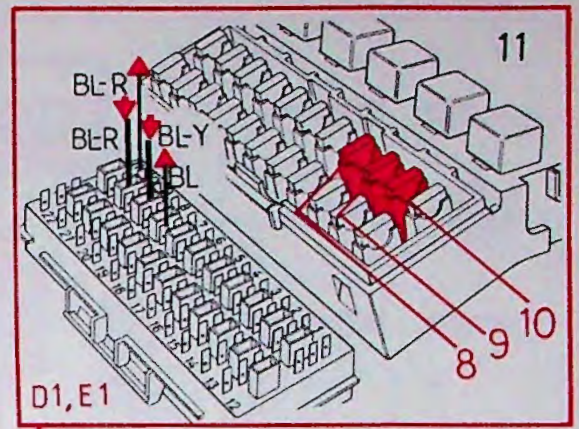
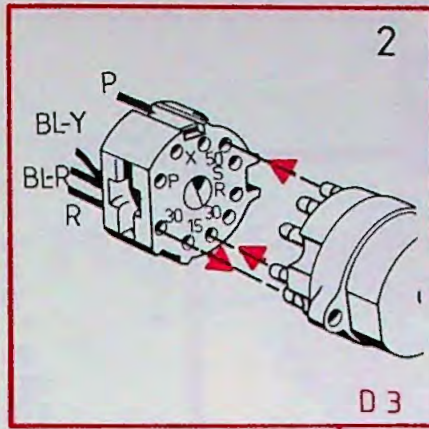
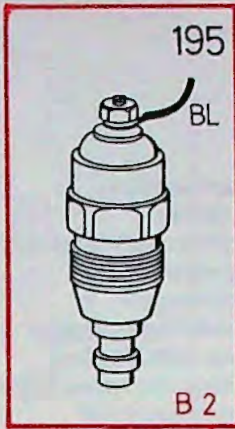
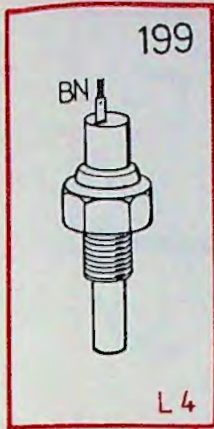
Contact staat aan
Koelvloeistoftemperatuur
onder +50°C

Startmotor
ingeschakeld

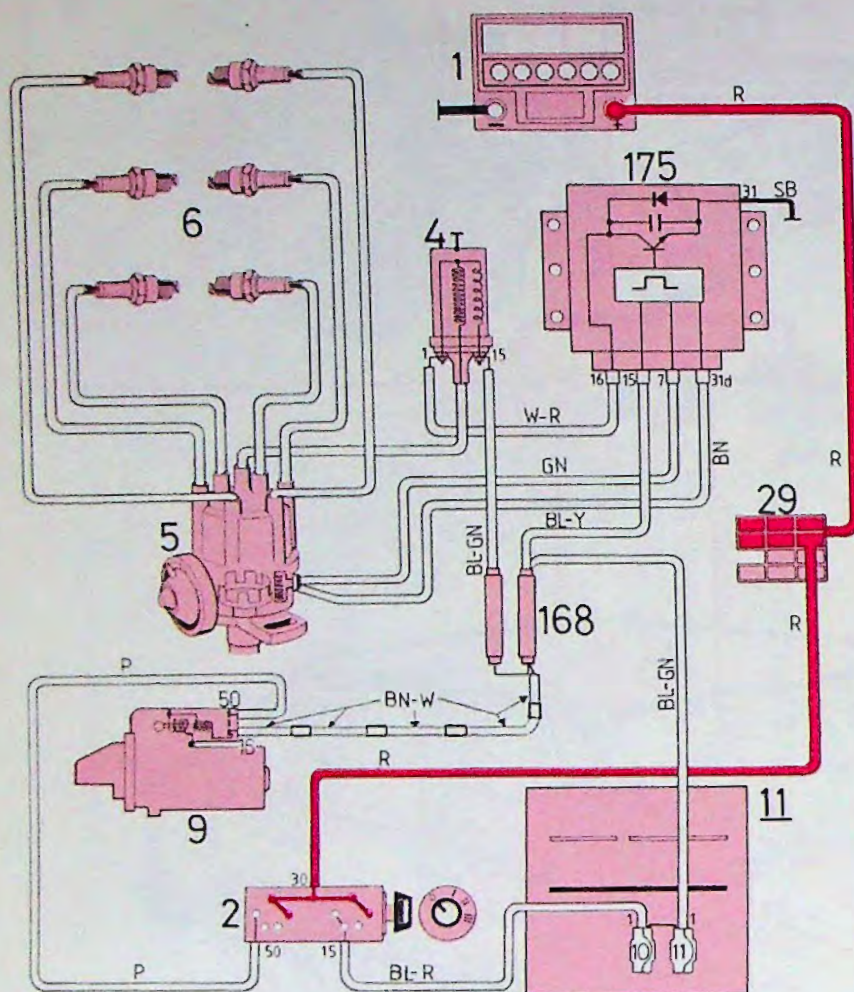
Motor is aangeslagen



Voorgloeien (gloeibougies) Diesel



Ontsteking



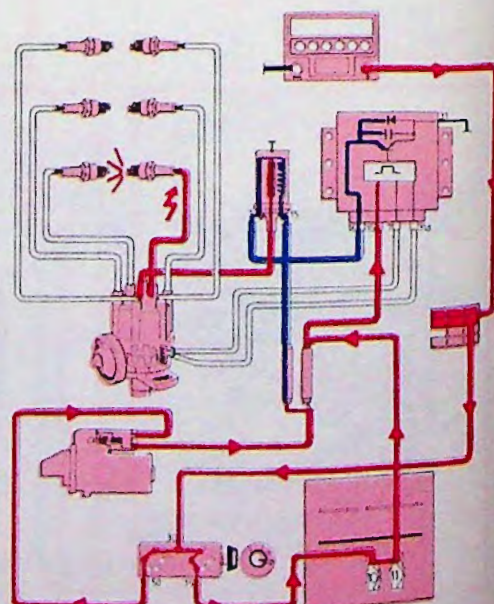
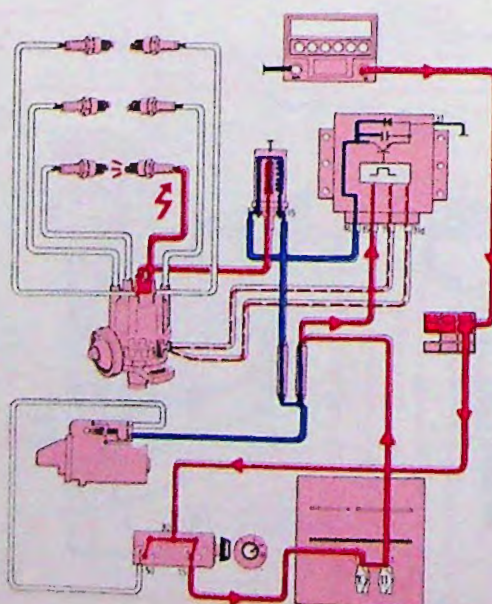
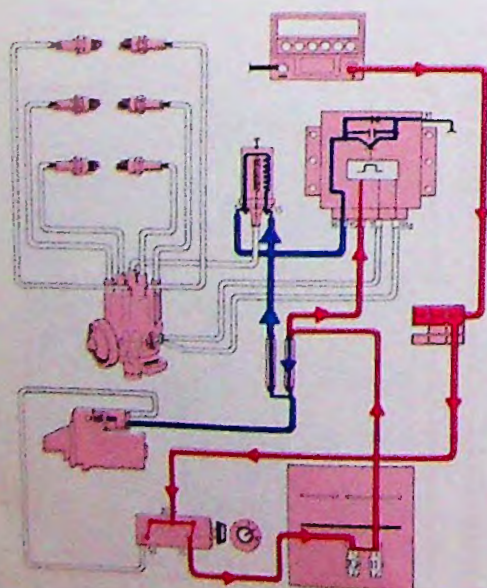
- 2 Contactslot
- 4 Bobine
- 5 Stroomverdeler met impulsgever
- 6 Bougies
- 9 Startmotor
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 168 Voorschakelweerstand
- 175 Regeleenheid

Zekering nr 10
Instrumenten
Achteruitrijlichten
Elektrisch verwarmde stoelen

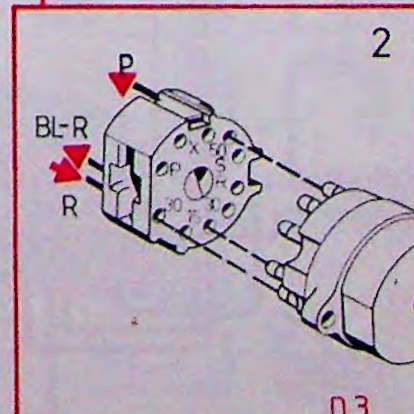
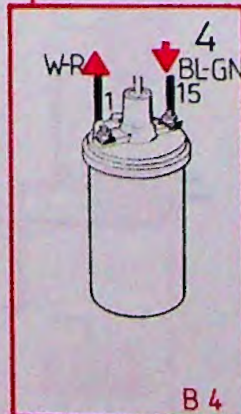
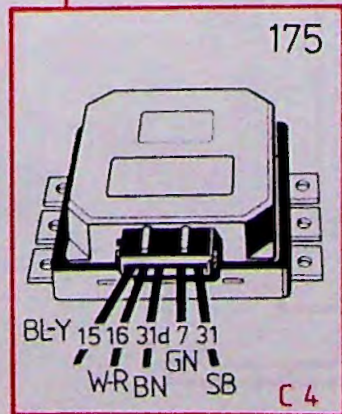
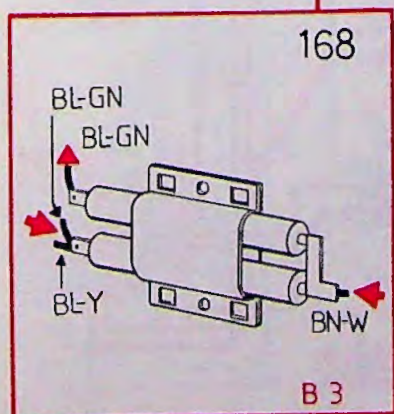
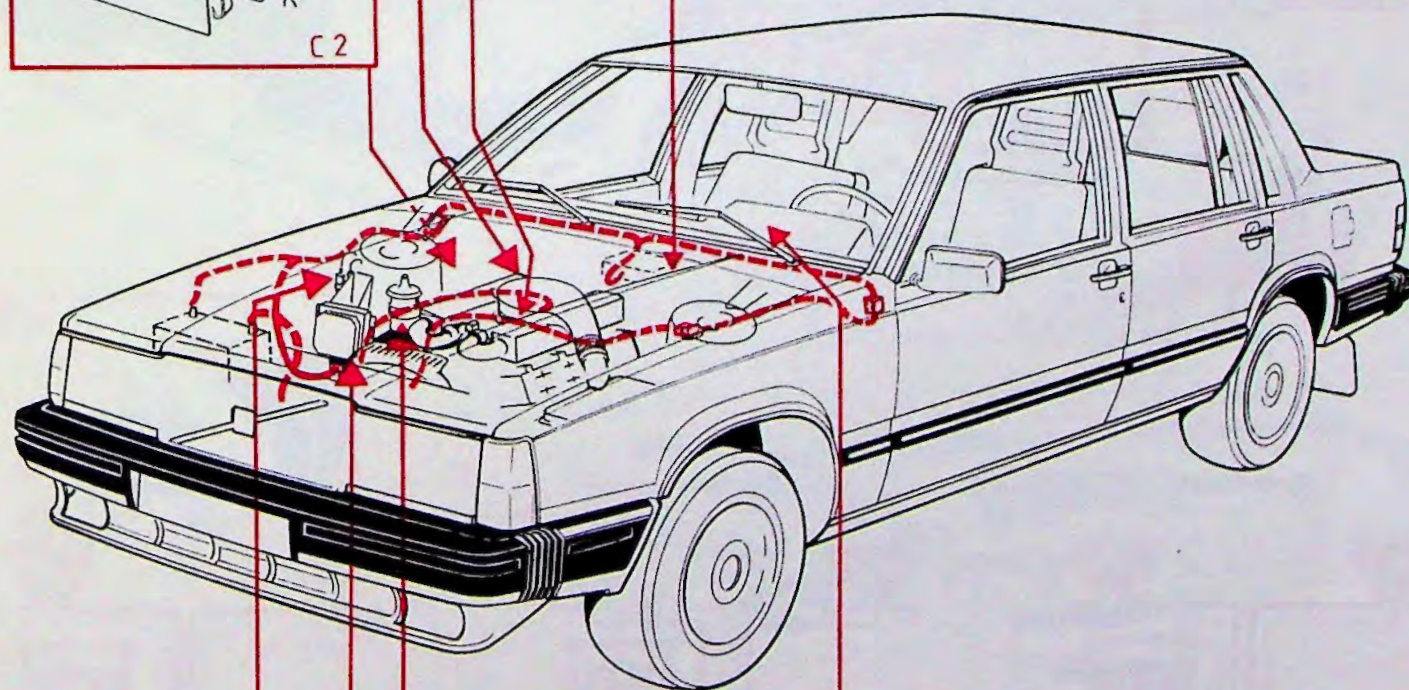
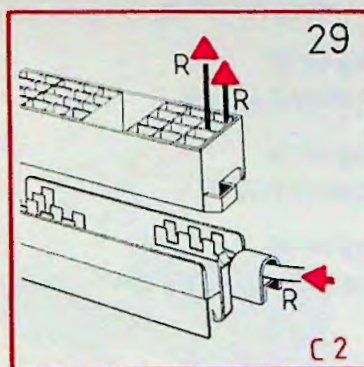
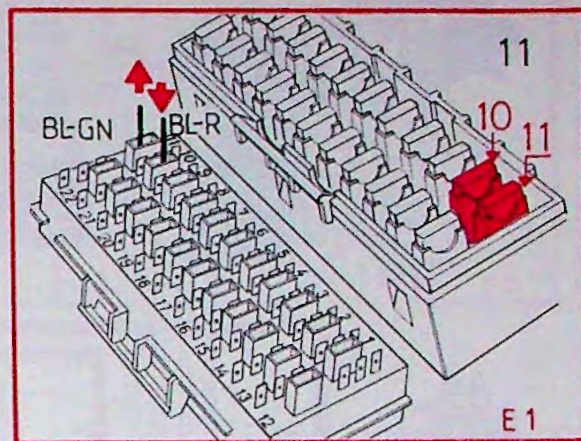
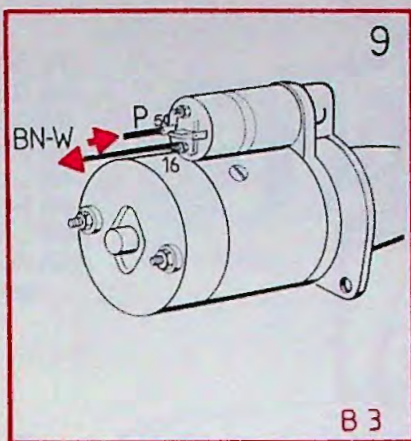
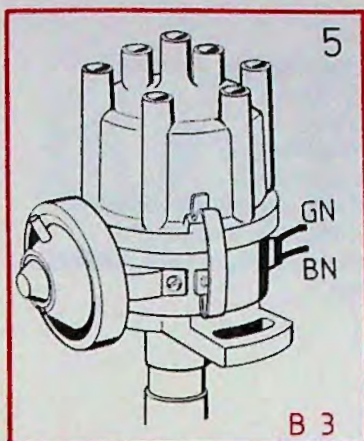
De stroom loopt door de regeleenheid en de bobine wordt opgeladen

De regeleenheid verbreekt de stroom en de bobine wordt ontladen

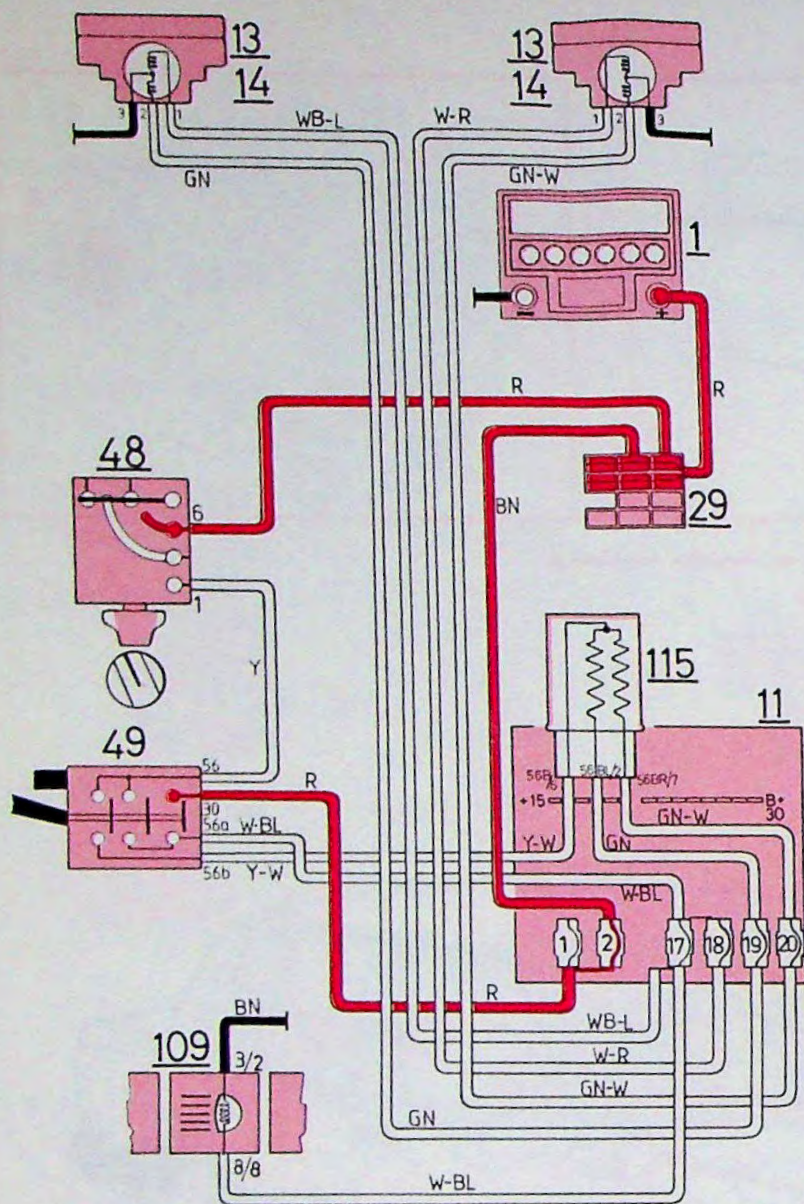
Loop van de stroom tijdens het starten



Ontsteking



Groot- en dimlicht



- 11 Zekeringenkastje
- 13 Grootlichtlamp
- 14 Dimlichtlamp
- 29 Plus-aansluiting
- 48 Lichtschakelaar
- 49 Schakelaar, groot- en dimlicht
- 109 Controlelampje, grootlicht
- 115 Waarschuwingssysteem, defecte gloeilamp

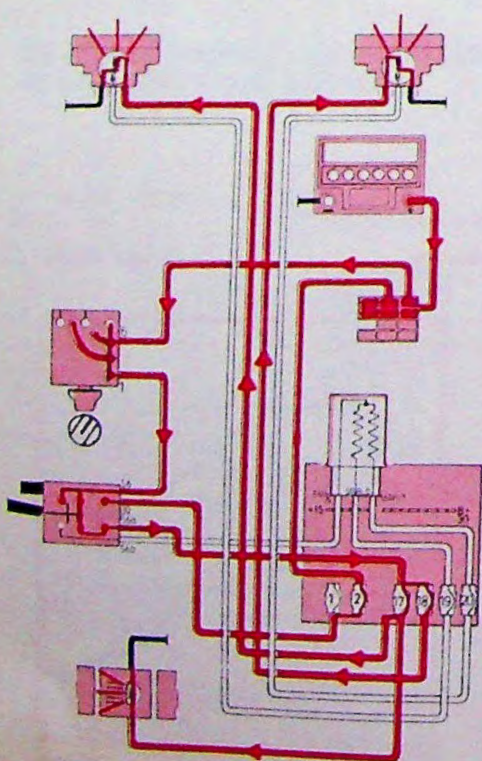
Zekering nr 1
Centrale vergrendeling

Zekering nr 17
Geen andere functies

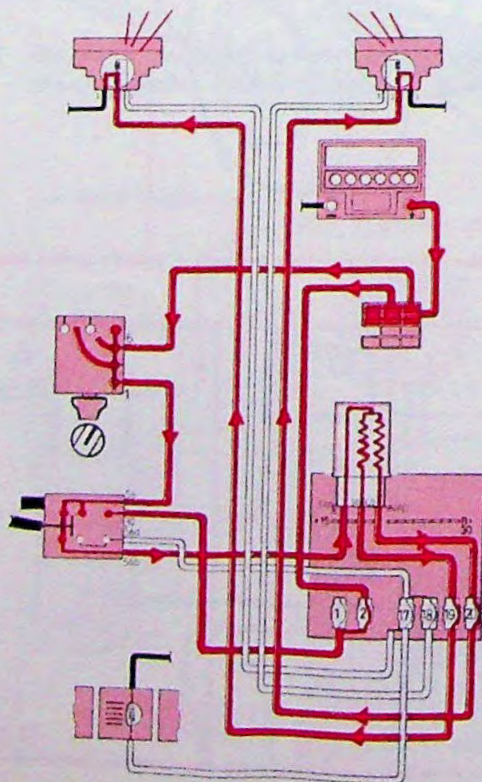
Zekering nr 19
Geen andere functies

Zekering nr 20
(Relais, mistlampen, bepaalde landen)

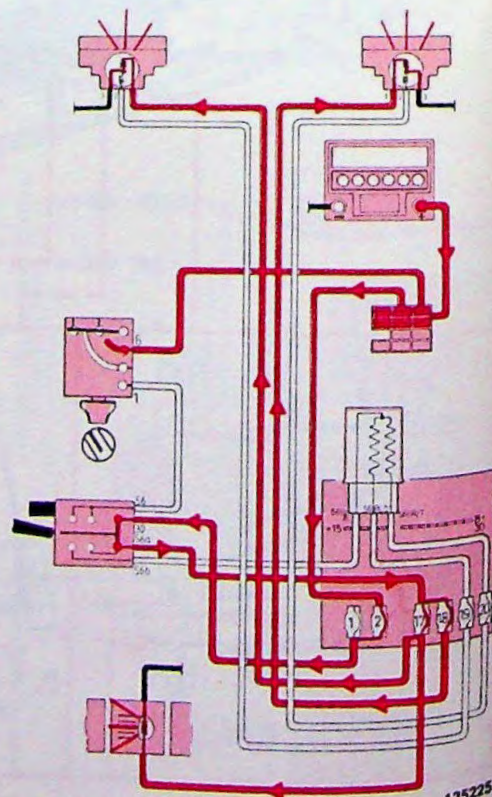
Grootlicht



Dimlicht

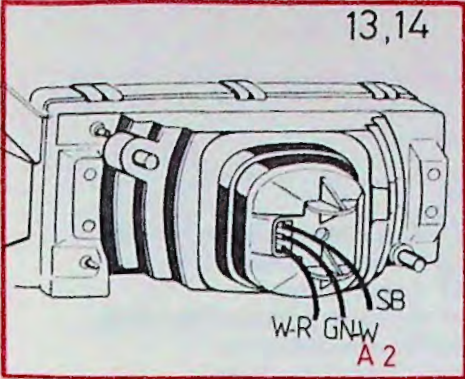


Lichtsignaal

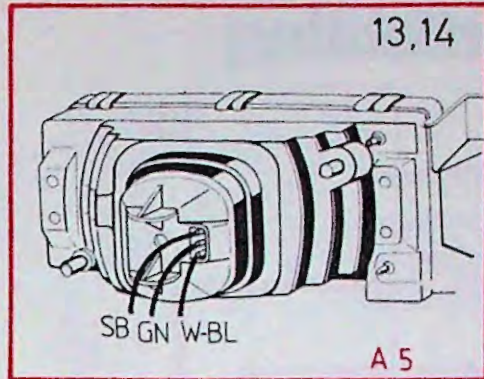


Groot- en dimlicht

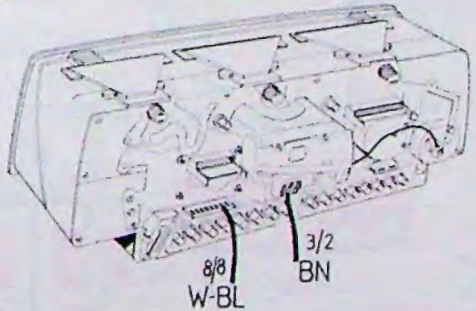
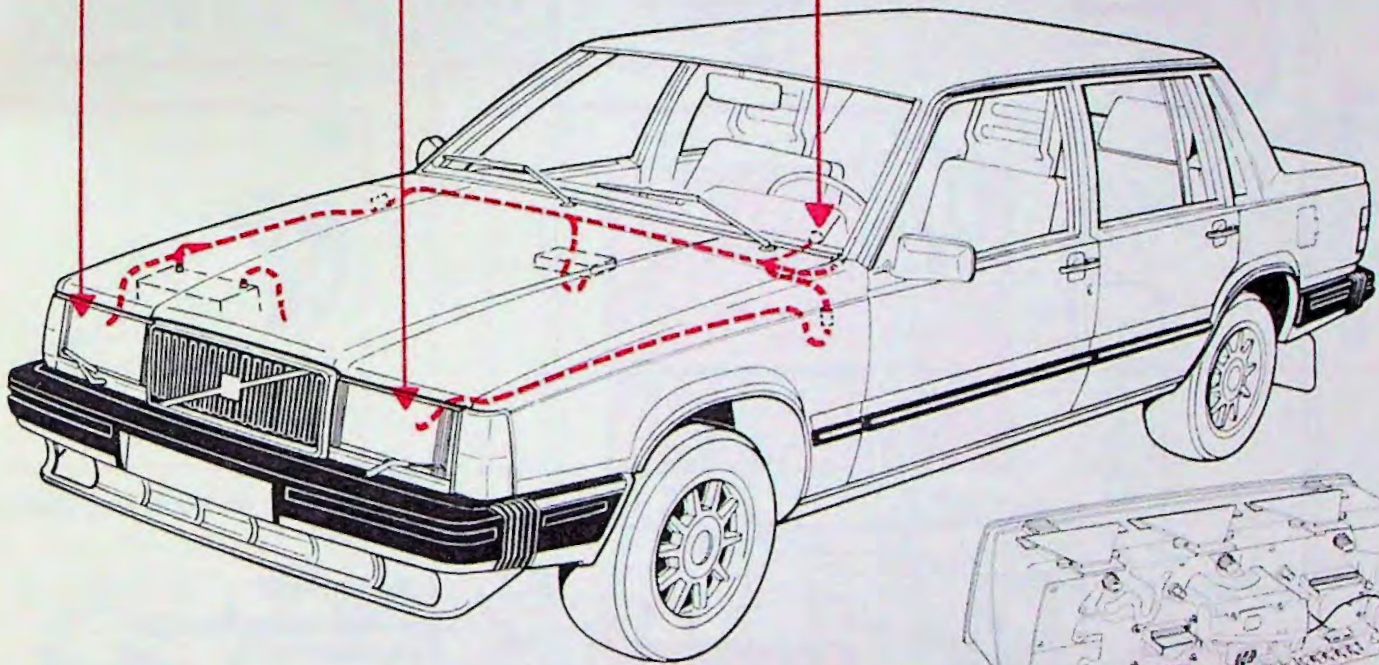
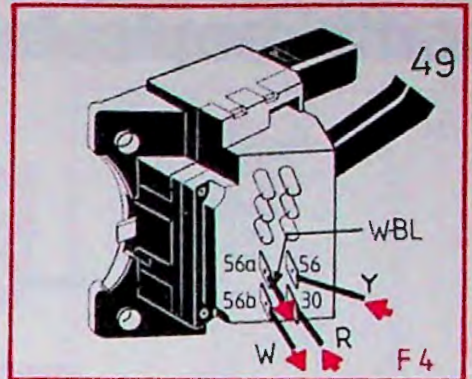
13,14



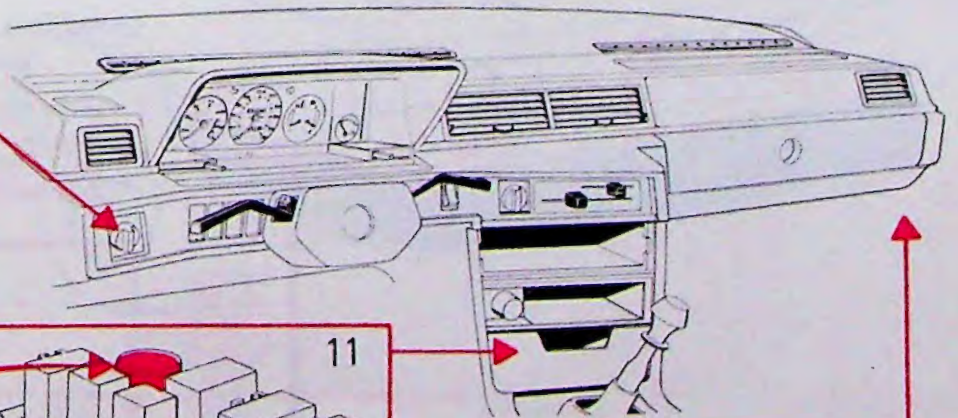
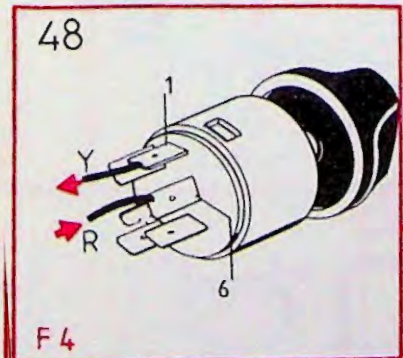
13,14



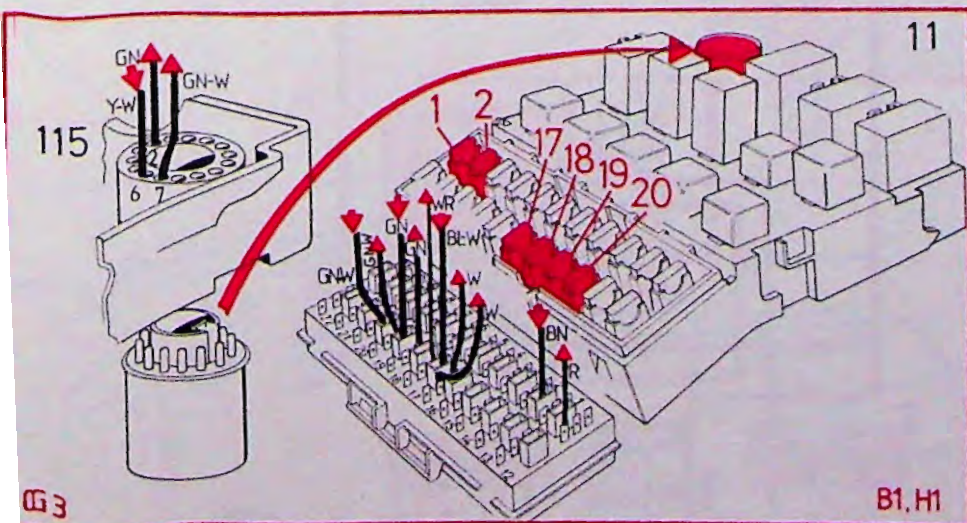
49



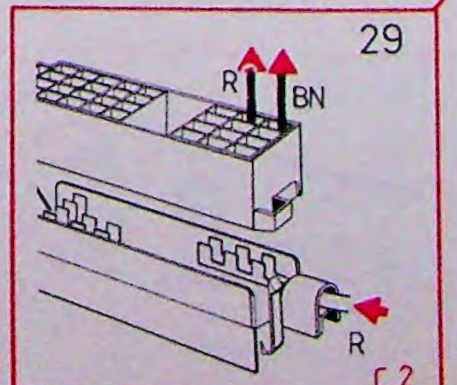
48



11

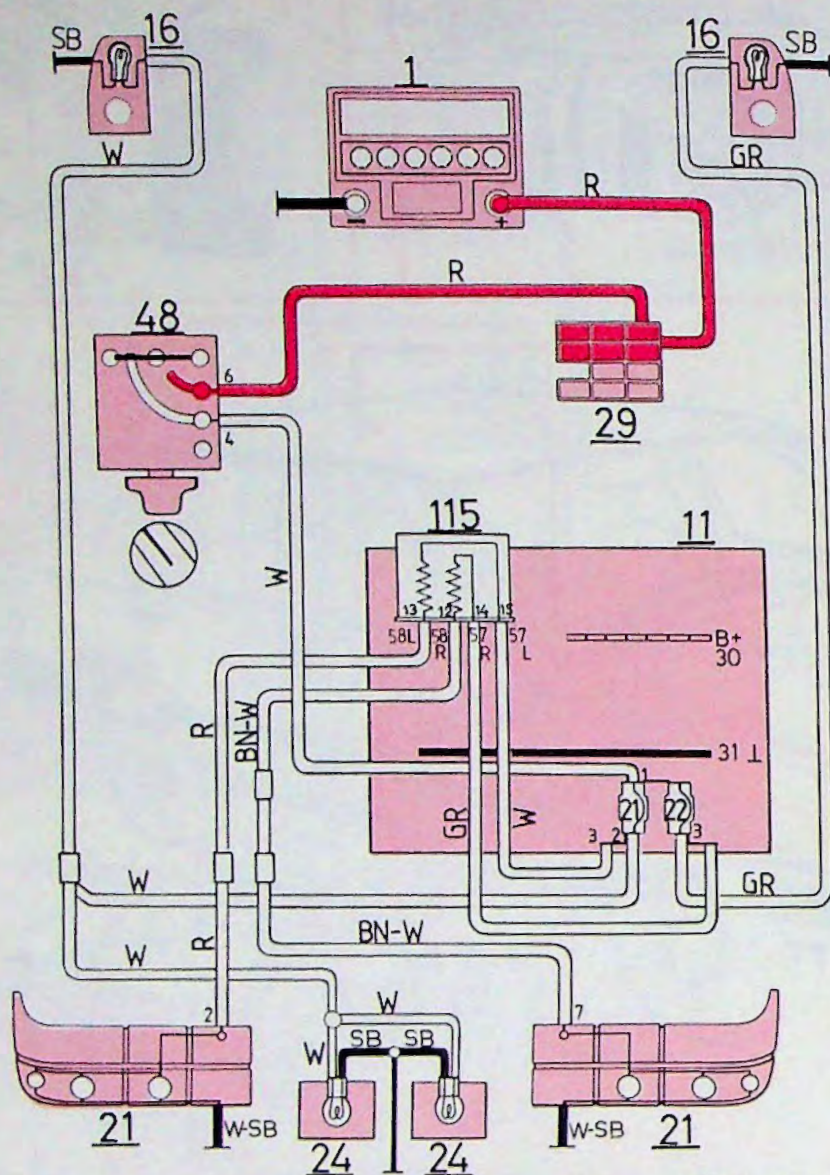


29



135225 H

Parkeerlichten, achterlichten en kentekenplaatverlichting

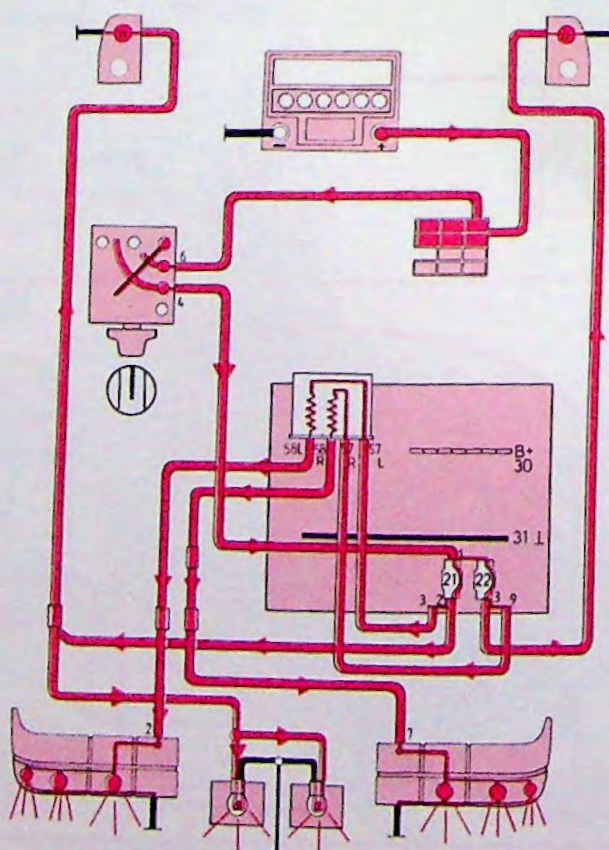


- 11 Zekeringenkastje
- 16 Parkeerlichten
- 21 Achterlichten
- 24 Kentekenplaatverlichting
- 29 Plus-aansluiting
- 48 Lichtschakelaar
- 115 Waarschuwingssysteem, defecte gloeilamp

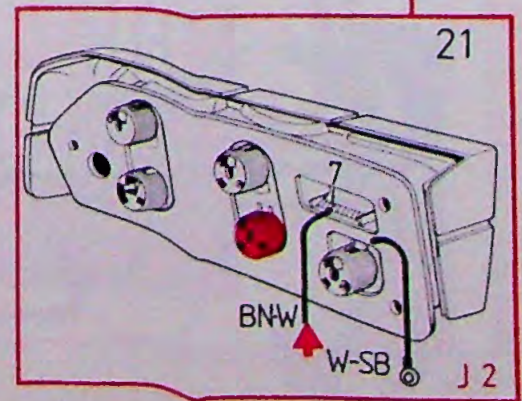
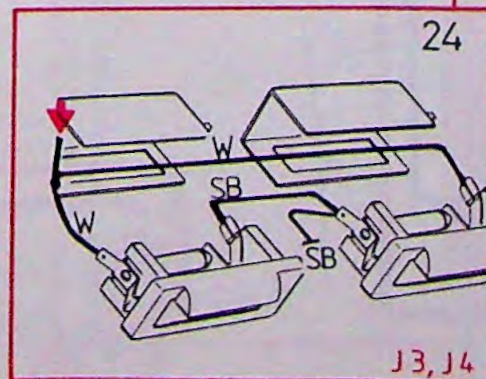
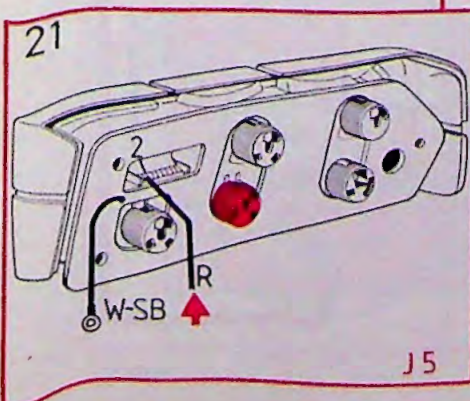
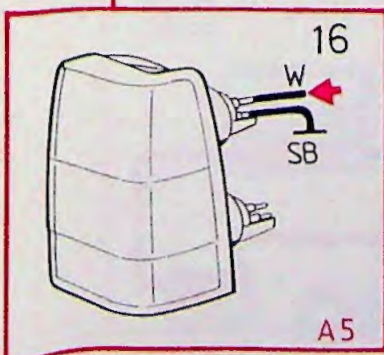
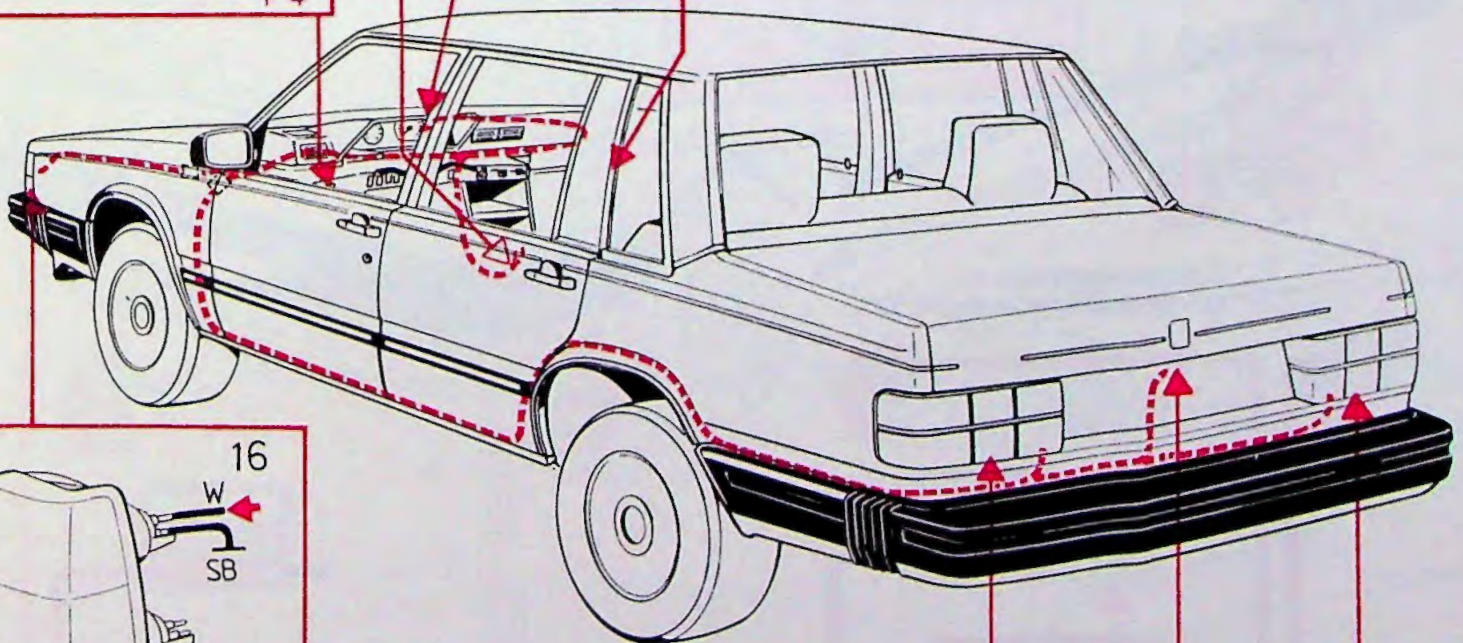
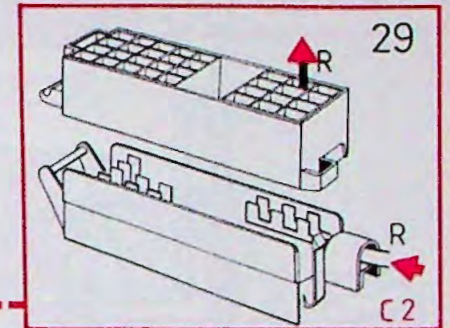
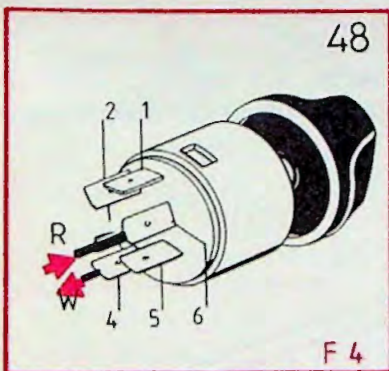
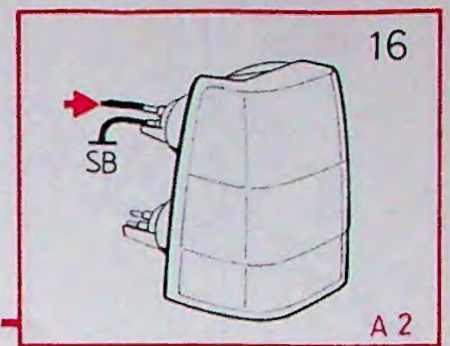
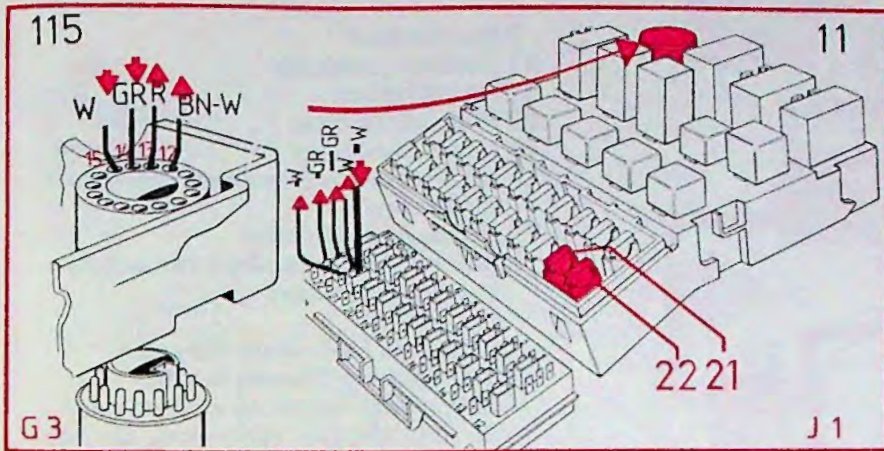
Zekering nr 21
Instrumenten- en bedieningspaneel-verlichting

Zekering nr 22
Snelsluiting autogordels
Asbakverlichting

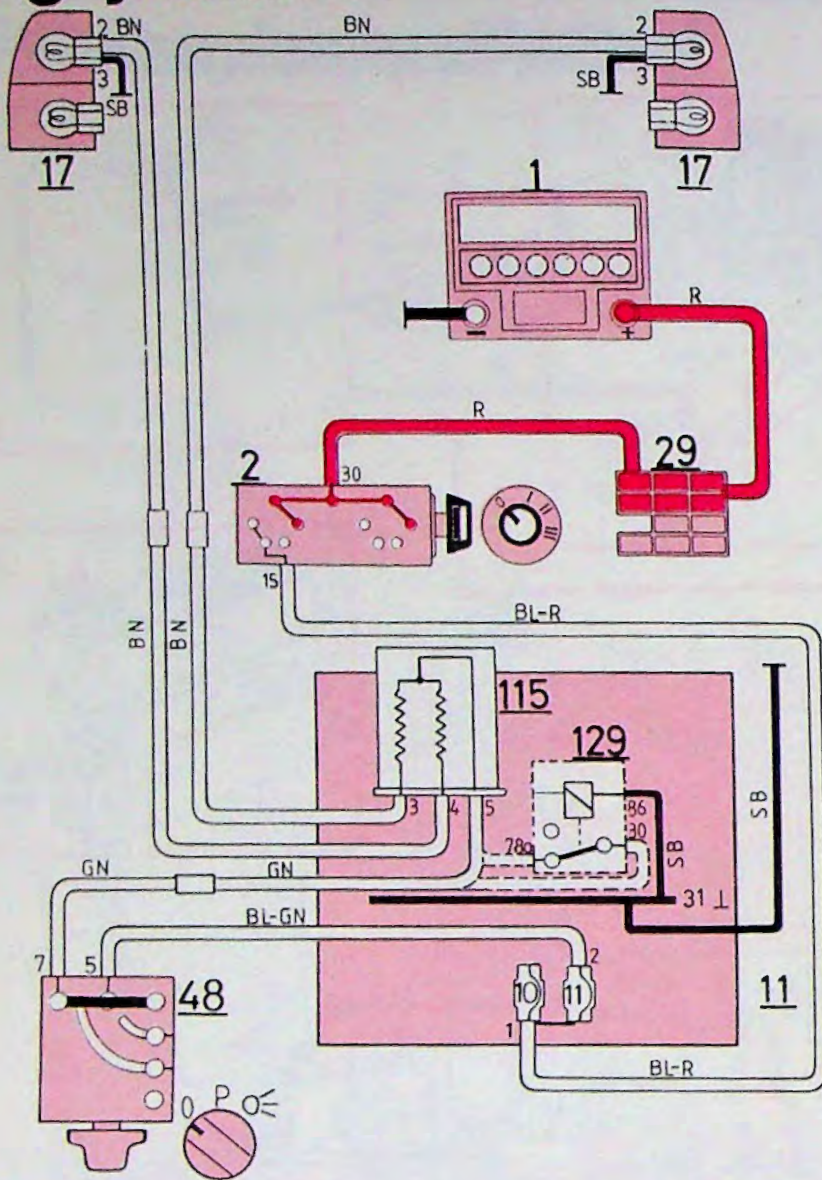
Verlichting staat aan



Parkeerlichten, achterlichten en kentekenplaatverlichting



Dagrijlichten



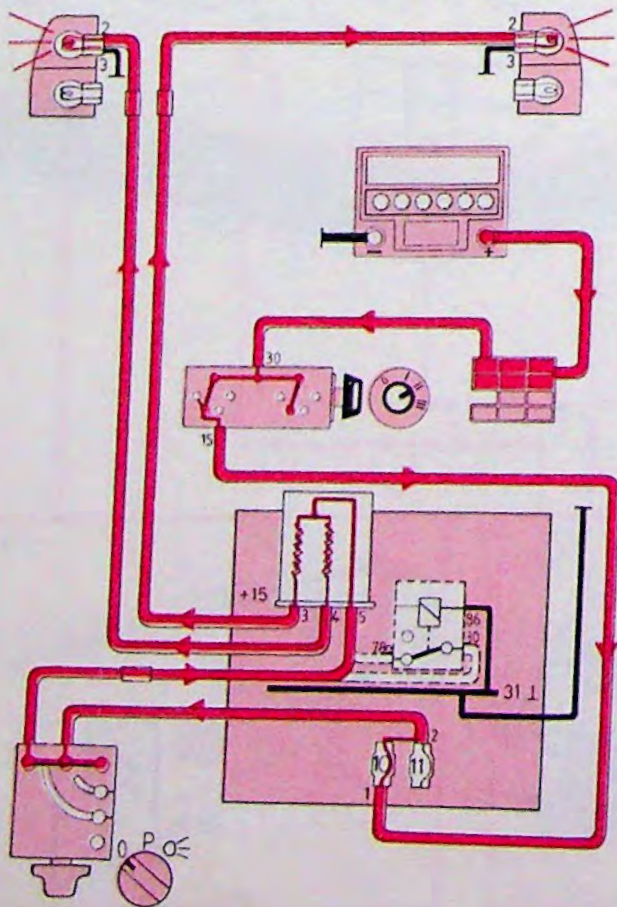
- 2 Contactslot
- 11 Zekeringenkastje
- 17 Dagrijlichten
- 29 Plus-aansluiting
- 48 Lichtschakelaar
- 115 Waarschuwingssysteem, defecte gloeilamp
- 129 Relais, dagrijlichten
(alleen bij mistlampen van auto's in Nordic-uitvoering)

Bij auto's met relais 129 voor dagrijlichten (alleen Nordic-uitvoering) wordt de stroom naar de dagrijlichten verbroken, als de mistlampen worden aangezet.

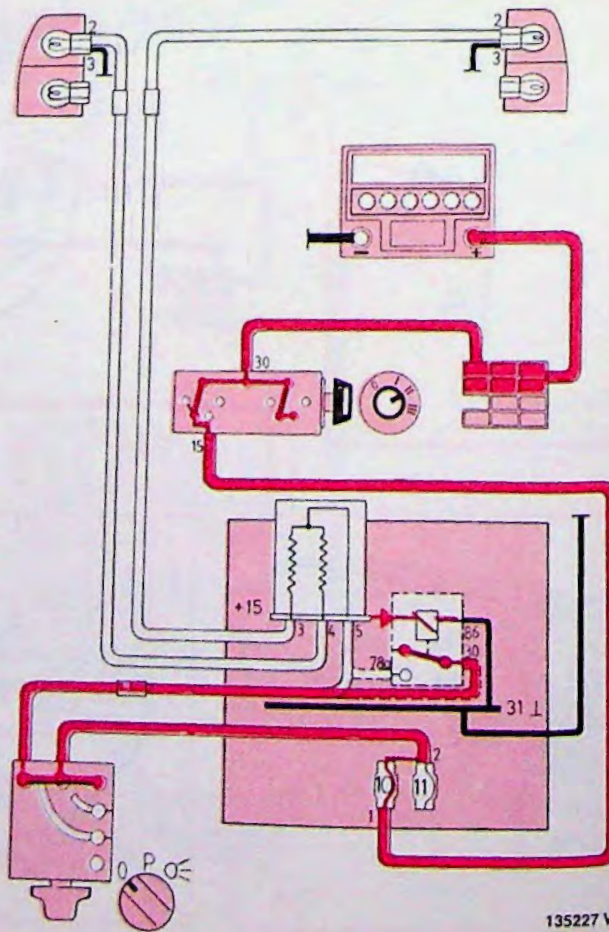
Zekering nr 11

Luchtaanjagermotor, CU-verwarming, snelheid 1.

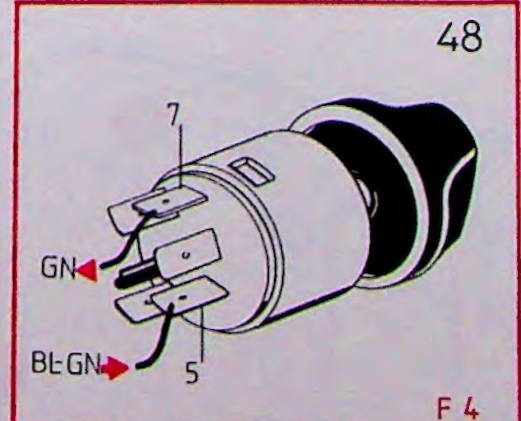
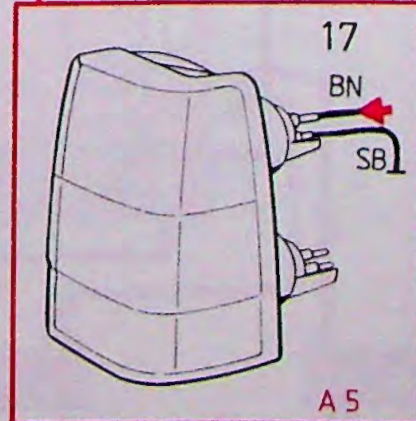
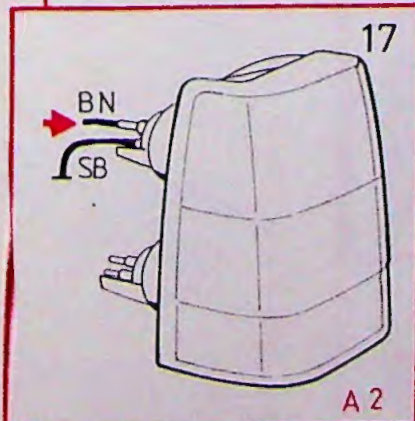
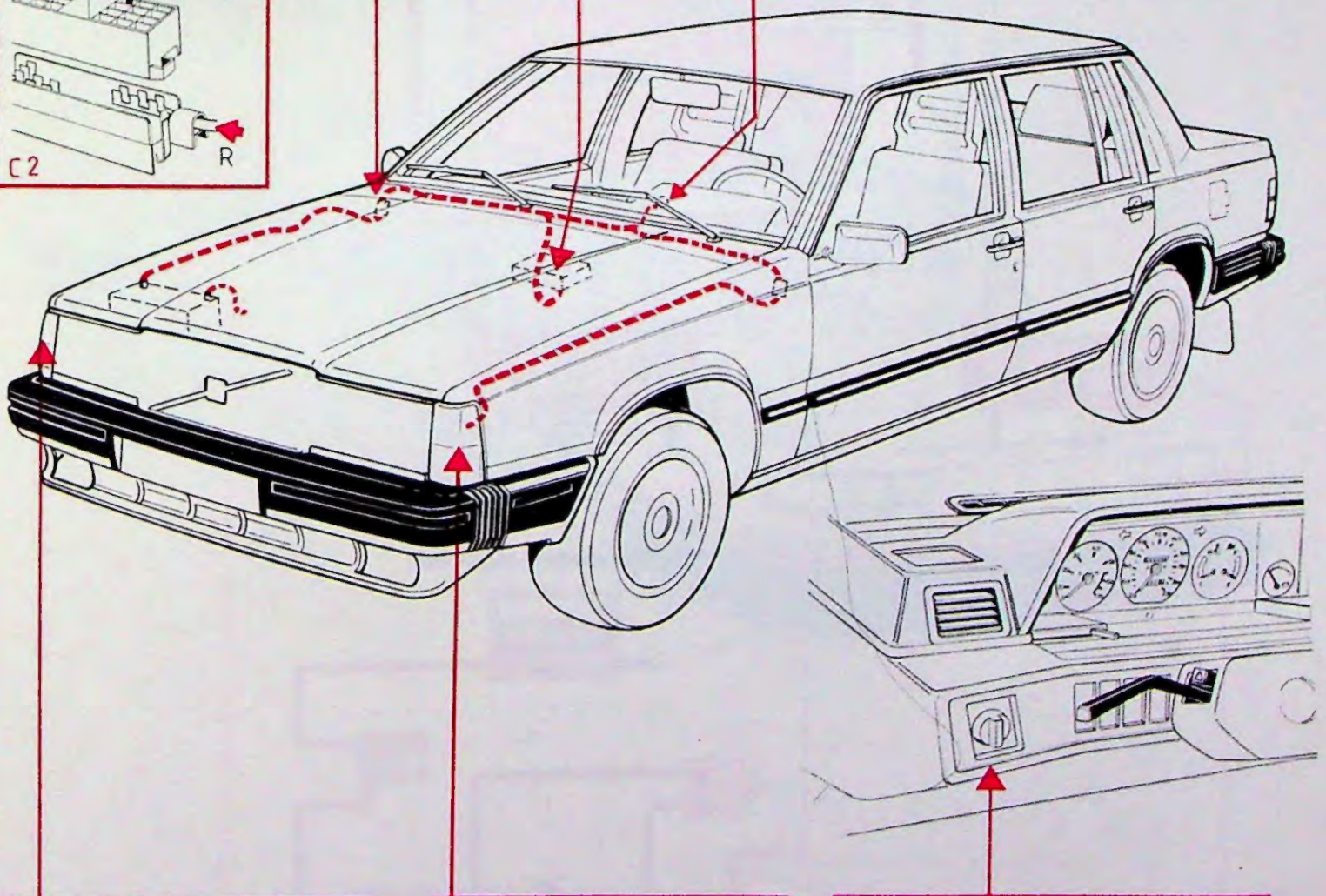
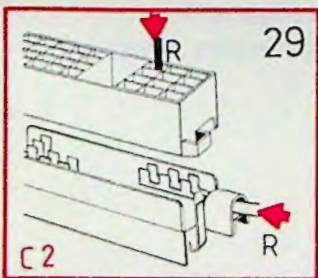
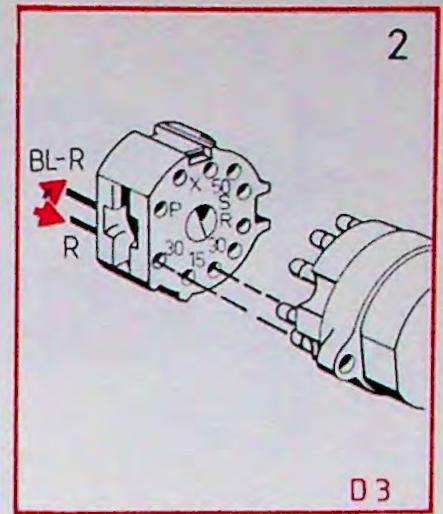
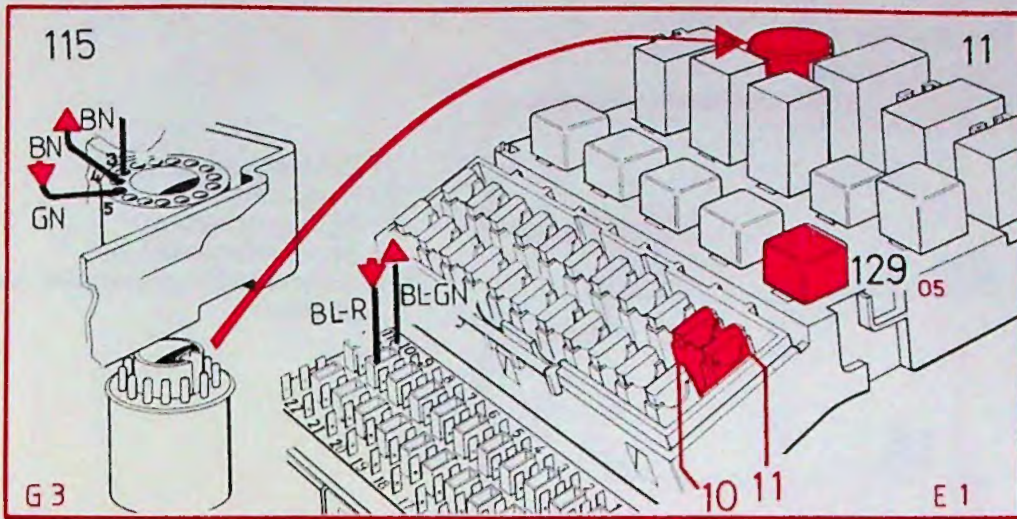
**Contact staat aan en
lichtschakelaar in stand "O"**



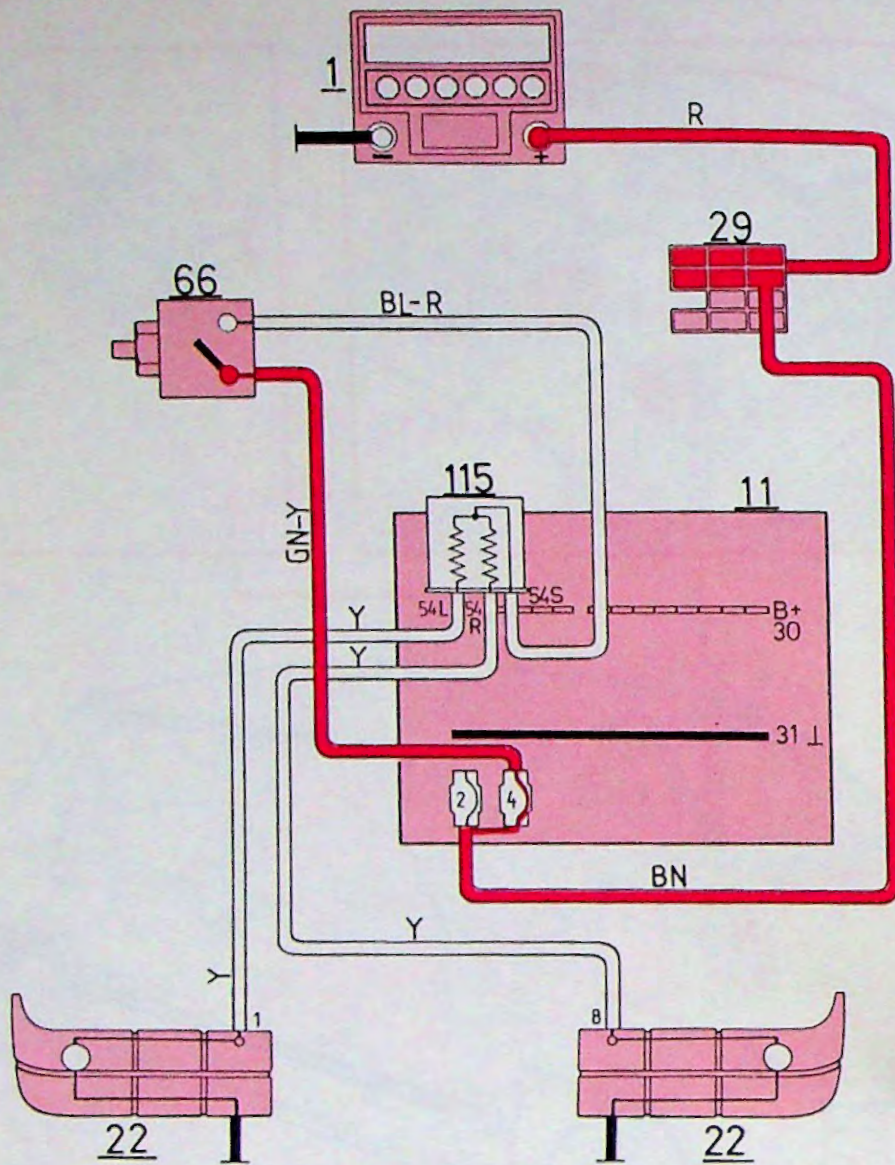
Dagrijlichten branden



Dagrijlichten



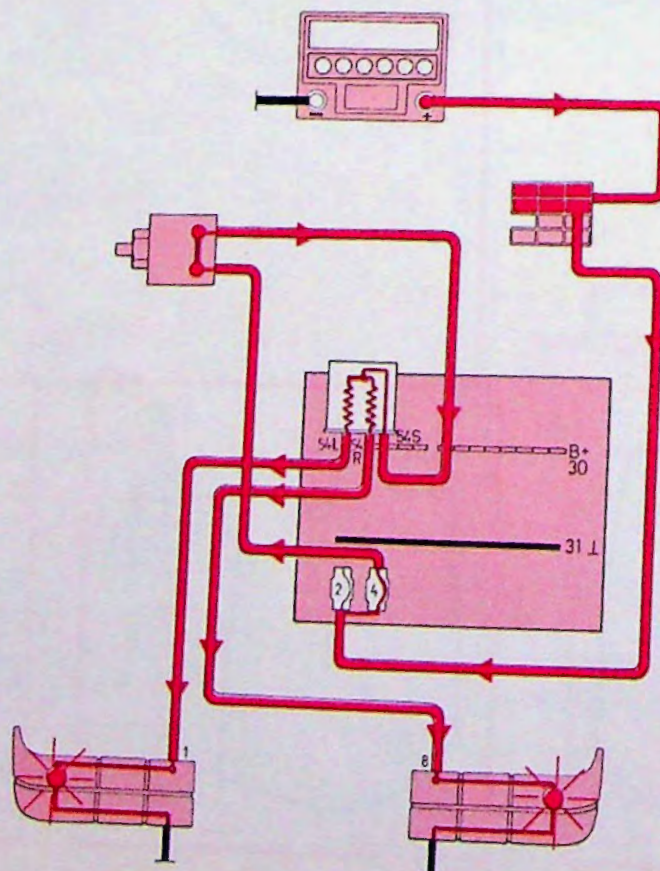
Remlichten



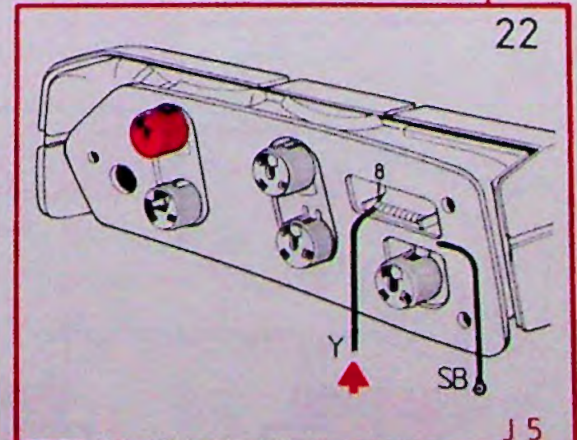
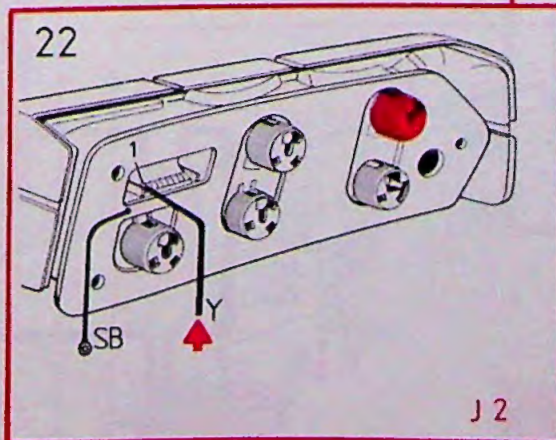
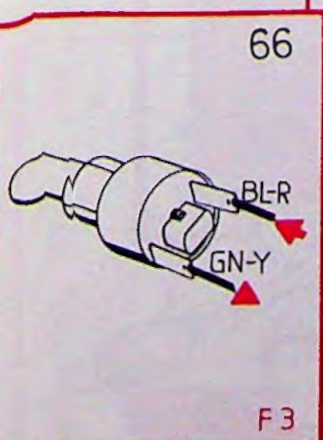
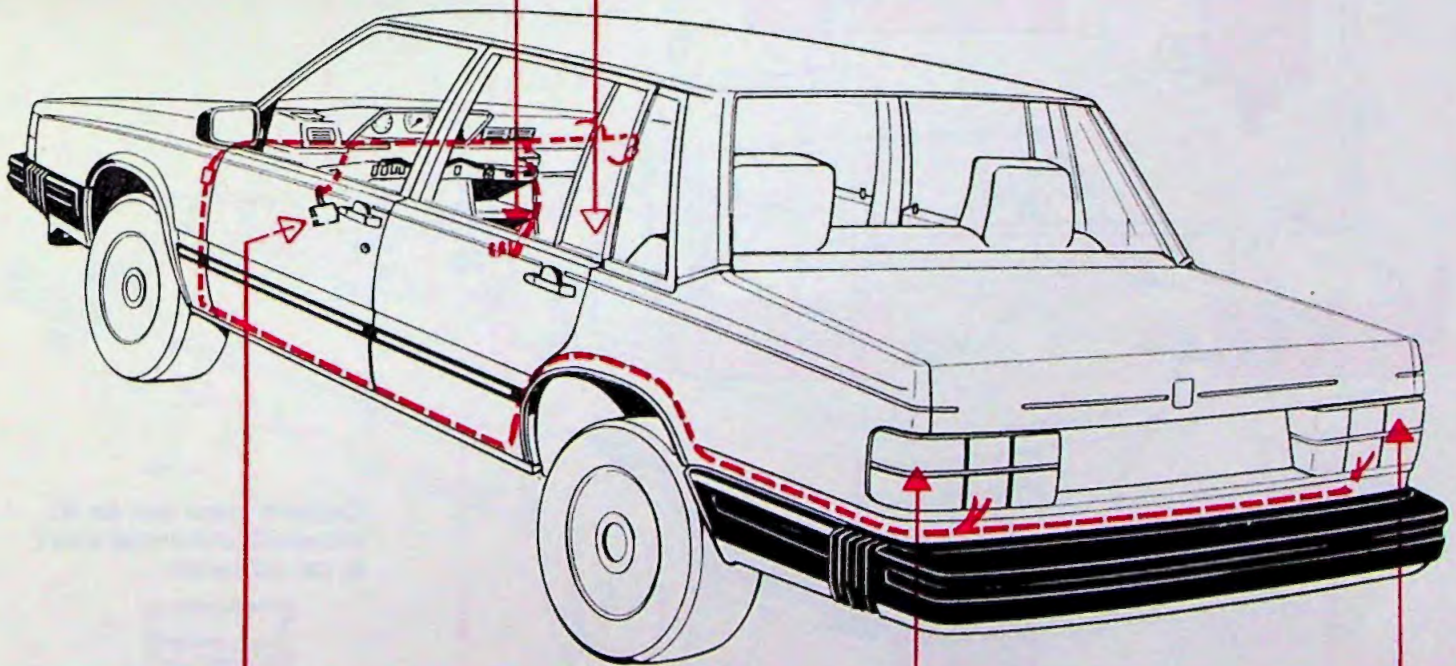
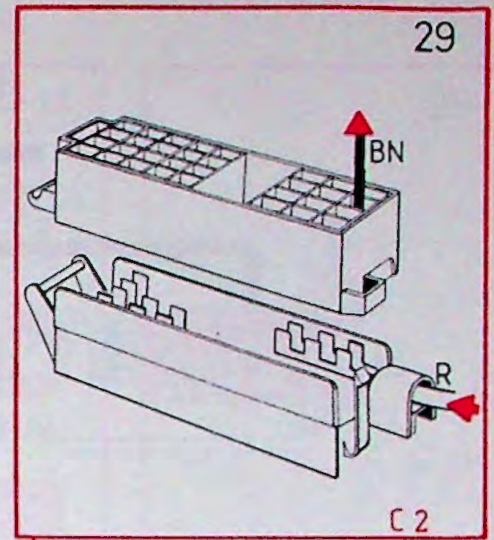
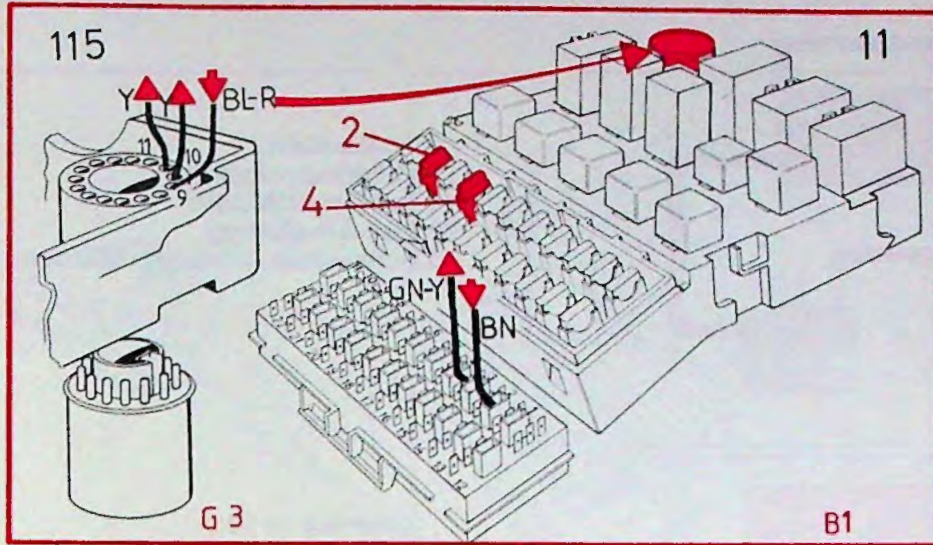
- 11 Zekeringenkastje
- 22 Remlichten
- 29 Plus-aansluiting
- 66 Remlichtschakelaar
- 115 Waarschuwingssysteem, defect gloeilamp

Zekering nr 4
Geen andere functies

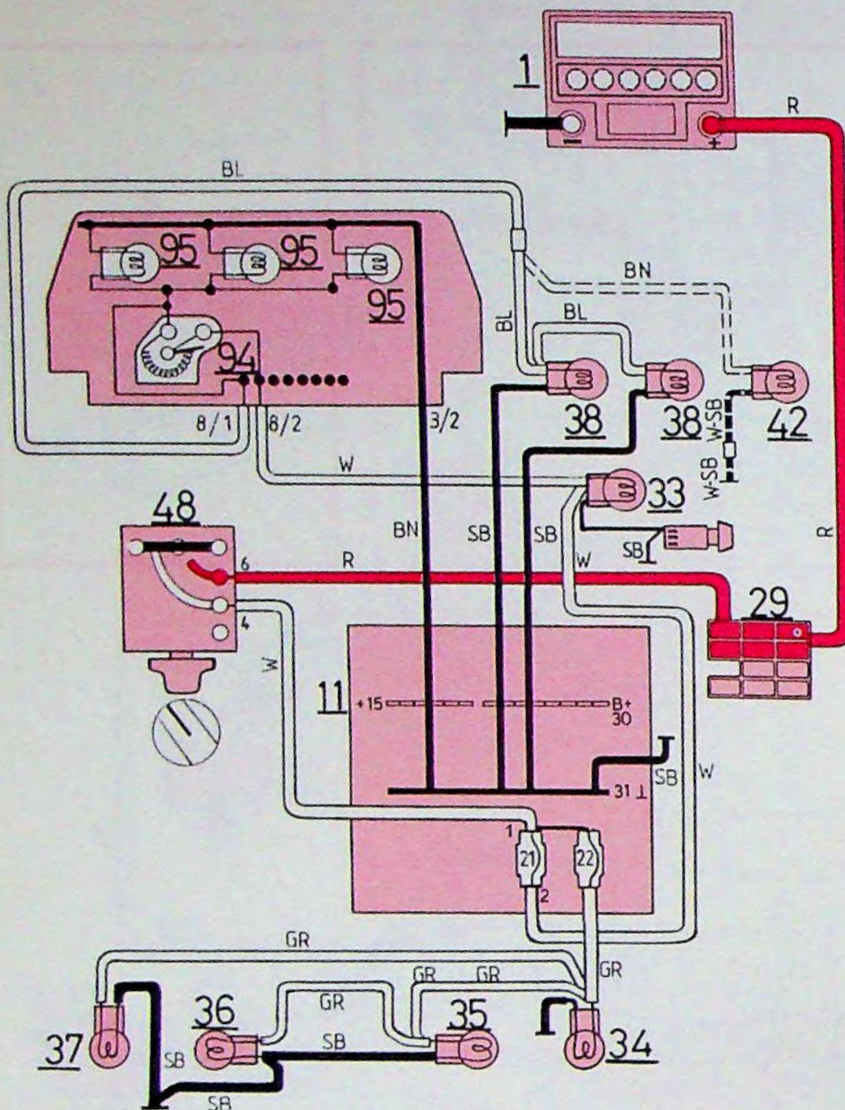
Rempedaal ingetrapt



Remlichten



Instrumenten- en bedieningspaneelverlichting

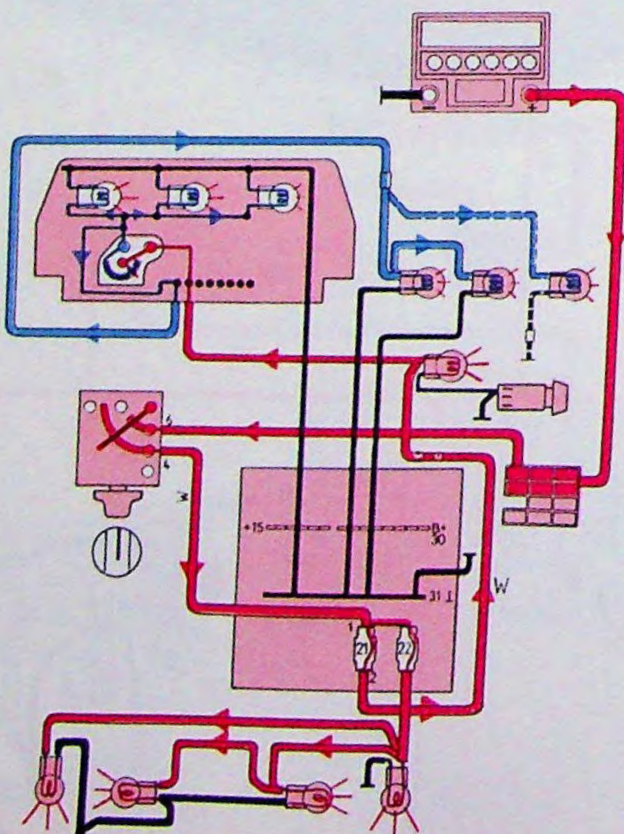


- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 33 Asbakverlichting
- 34 Asbakverlichting achter
- 35 Verlichting schakelaar schuifdak
- 36 Verlichting schakelaar verwarmingselement passagiersstoel
- 37 Verlichting keuzehendelstand automatische versnellingsbak
- 38 Bedieningspaneelverlichting
- 42 Verlichting, kachelbediening
- 48 Lichtschakelaar
- 94 Regelbare weerstand, instrumentenverlichting
- 95 Instrumentenverlichting

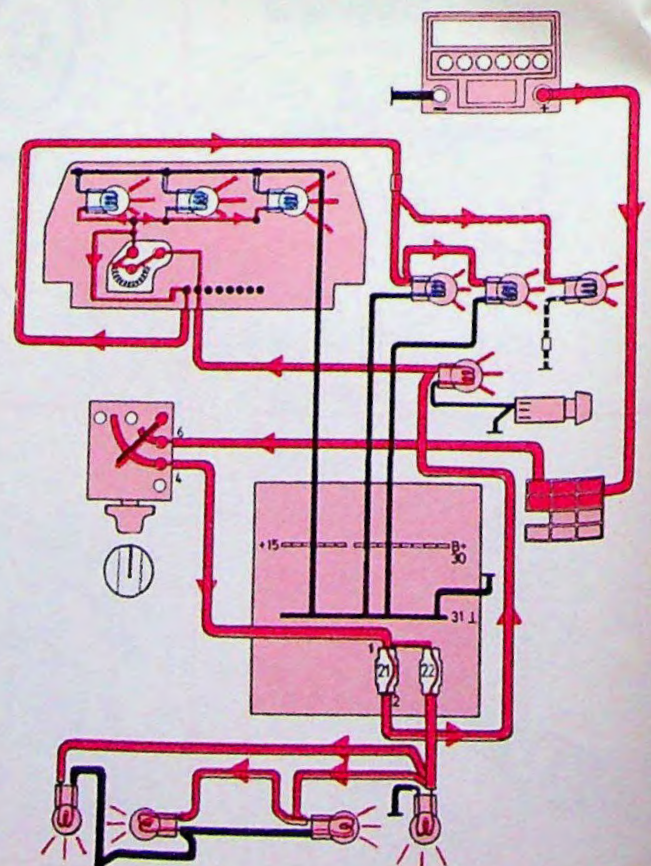
Zekering nr 21

Achterlicht en parkeerlicht, rechts
Kentekenplaatverlichting

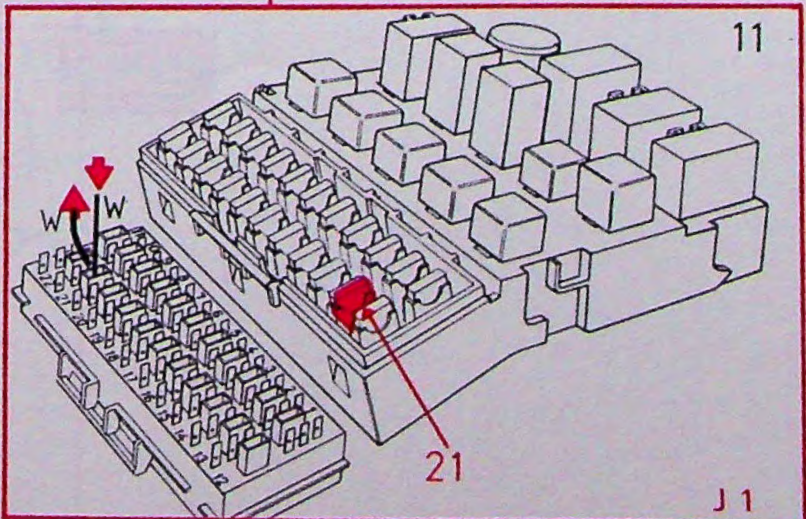
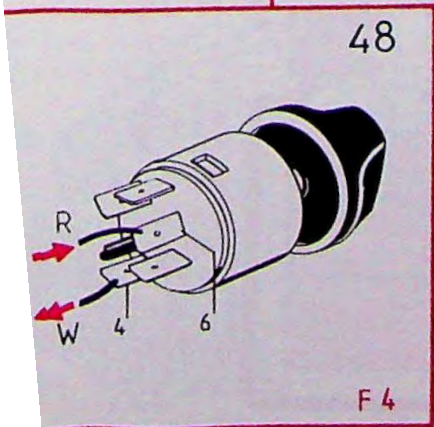
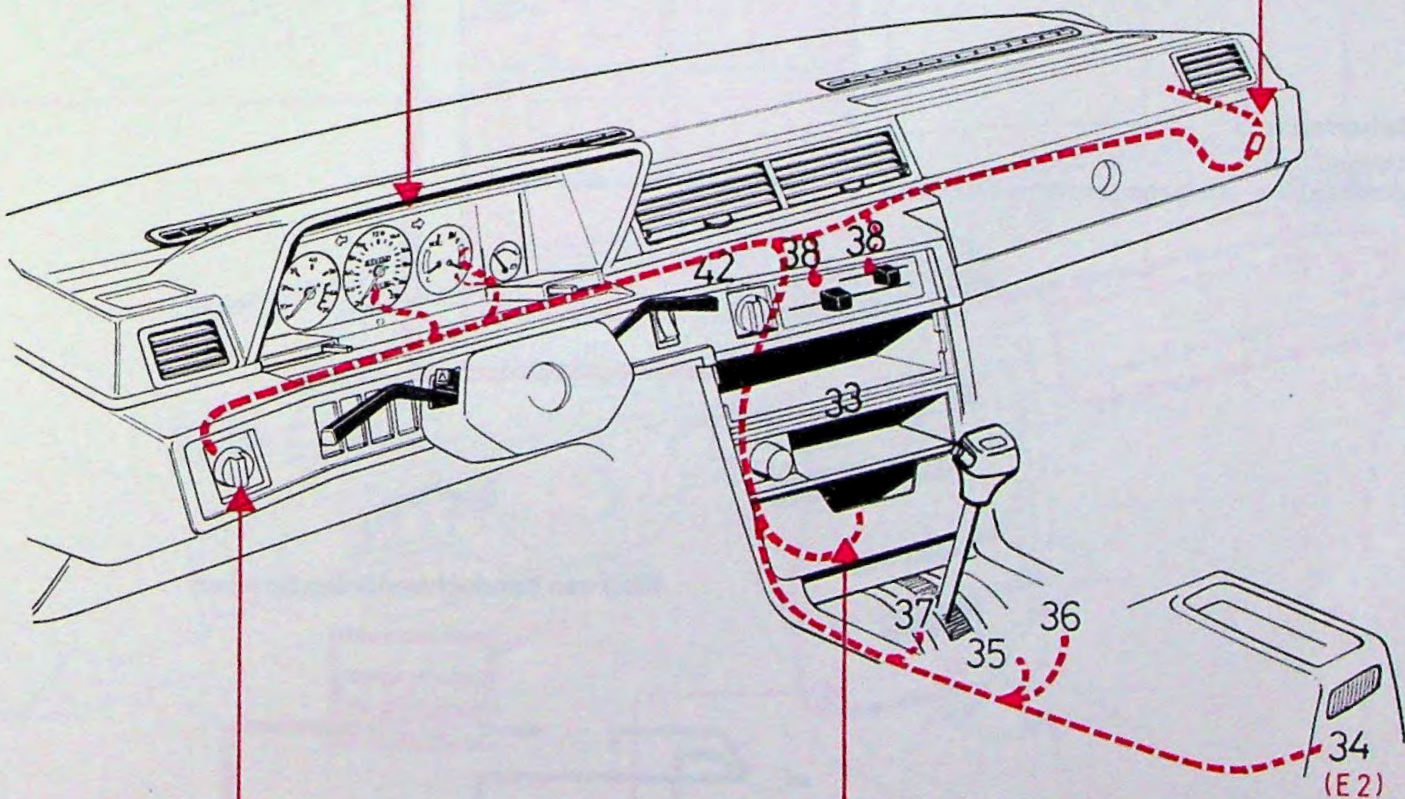
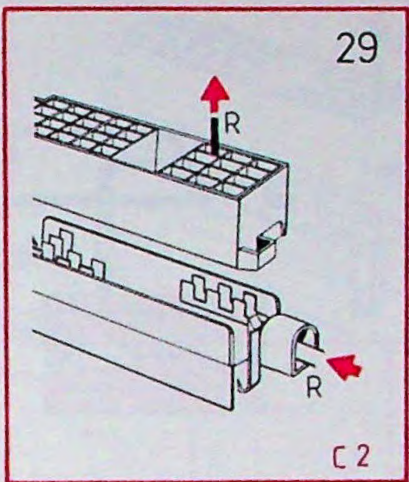
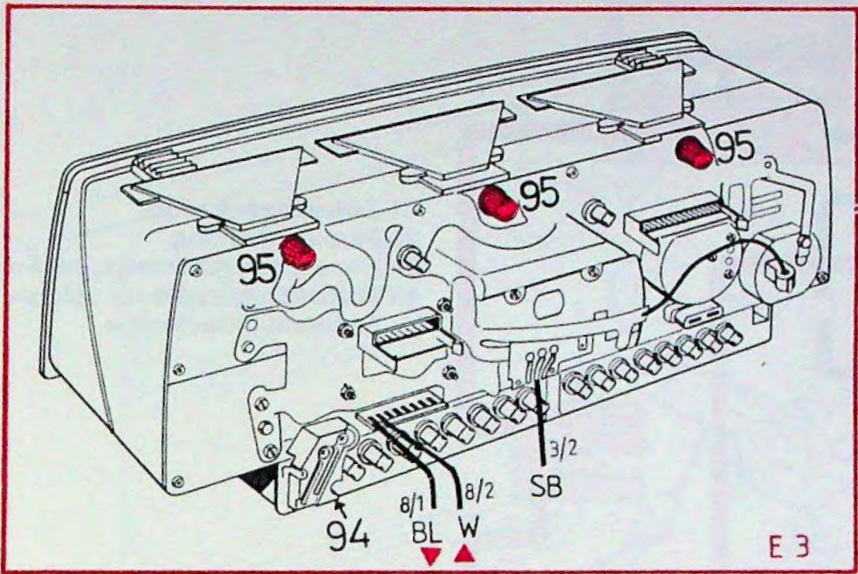
Lichtschakelaar staat aan
Sterke instrumentenverlichting



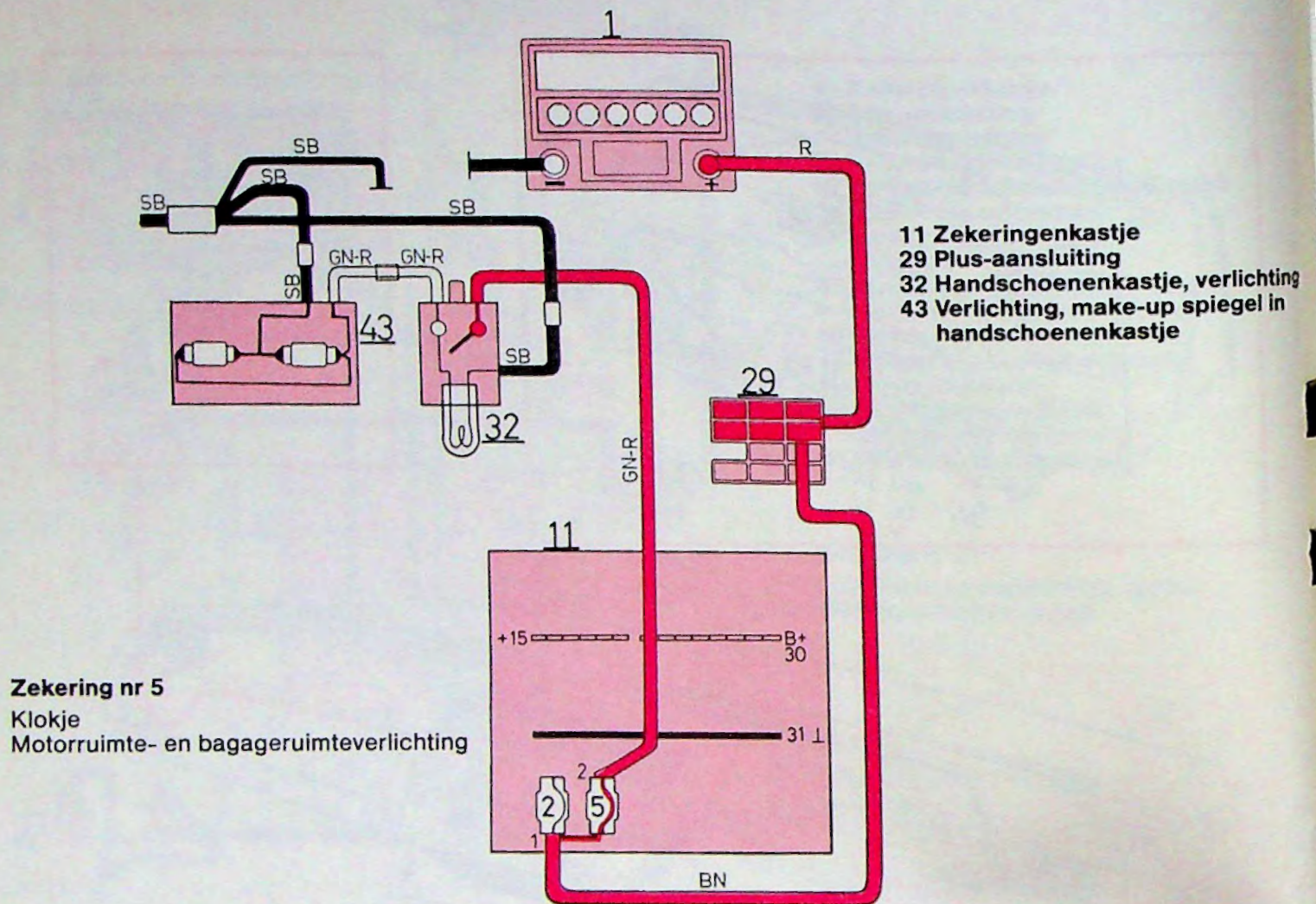
Lichtschakelaar staat aan
Zwakke instrumentenverlichting



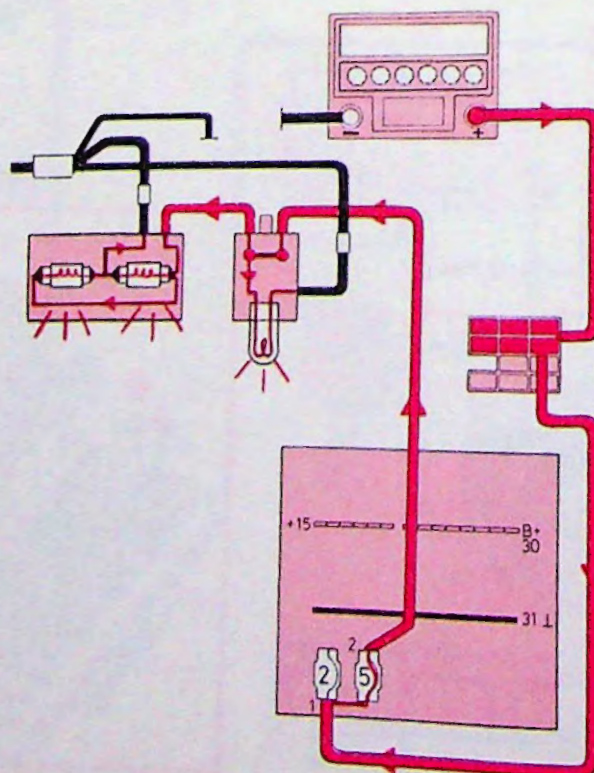
Instrumenten- en bedieningspaneelverlichting



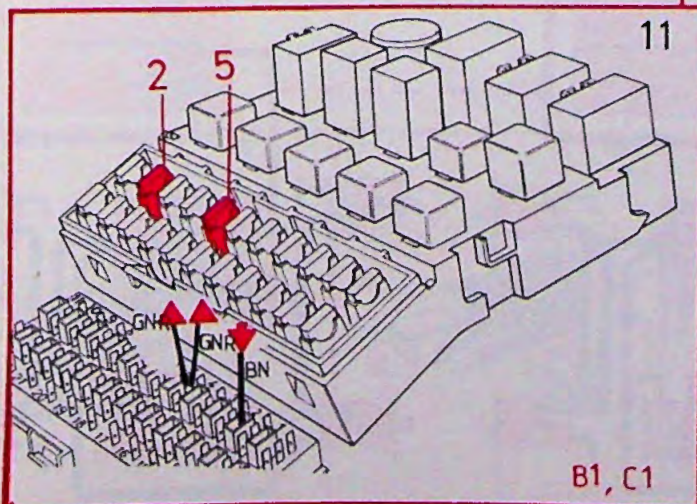
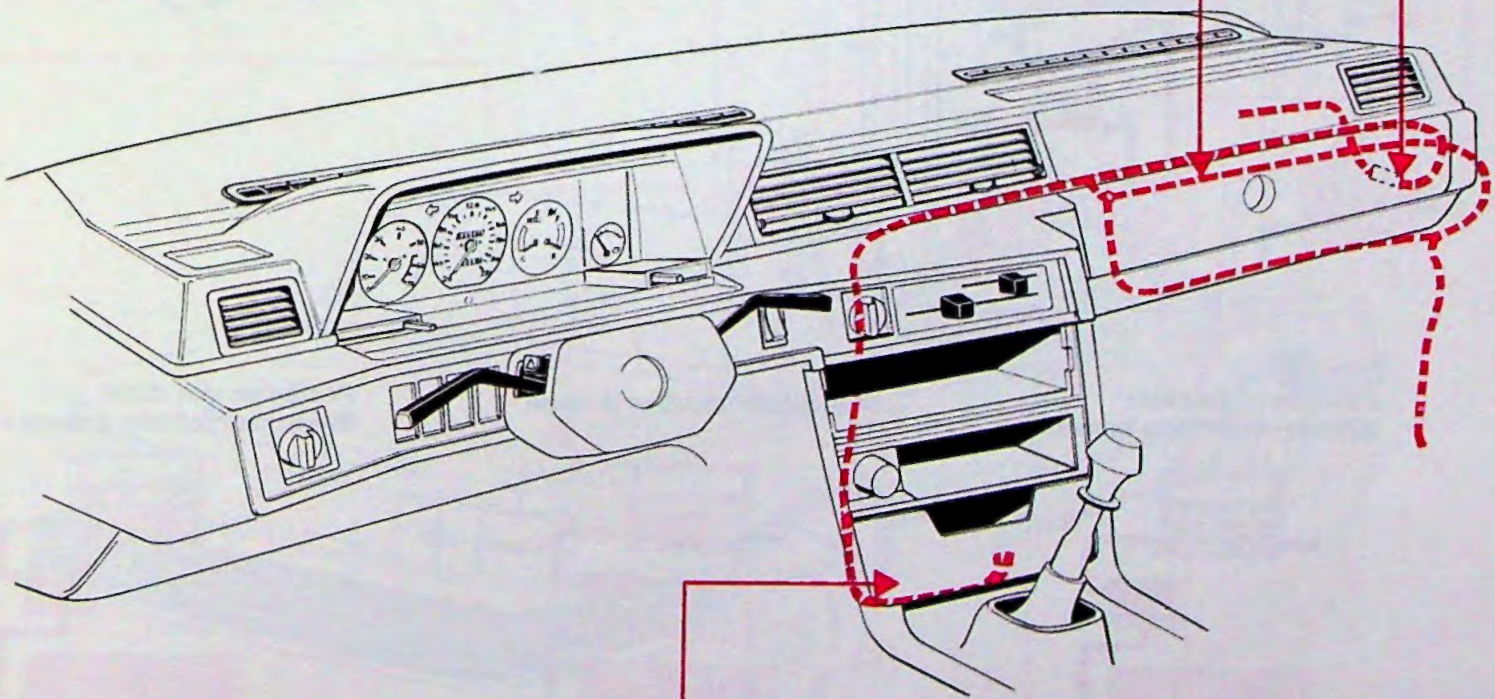
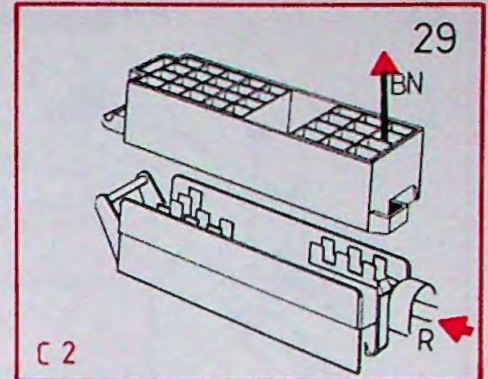
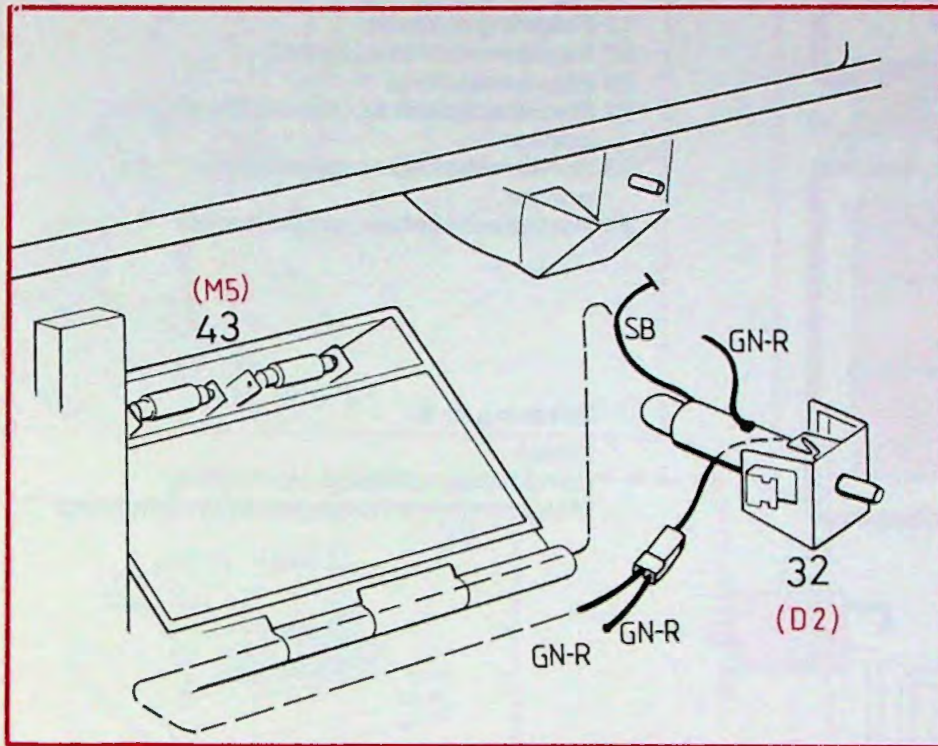
Handschoenenkastje, verlichting



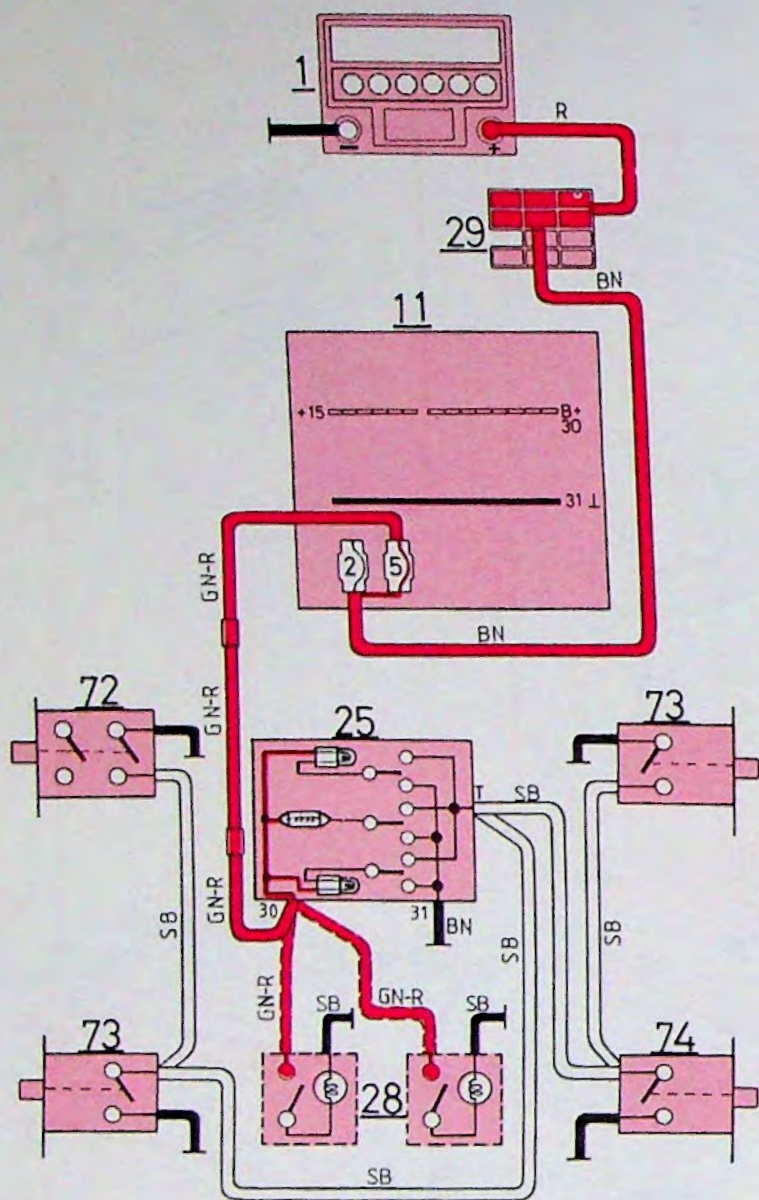
Klep van handschoenenkastje open



Handschoenenkastje, verlichting



Binnenverlichting



- 11 Zekeringenkastje
- 25 Binnenverlichting, hemel
- 29 Plus-aansluiting
- 72 Portierschakelaar, bestuurdersportier
- 73 Portierschakelaar, passagiersportier
- 74 Portierschakelaar, achterportier

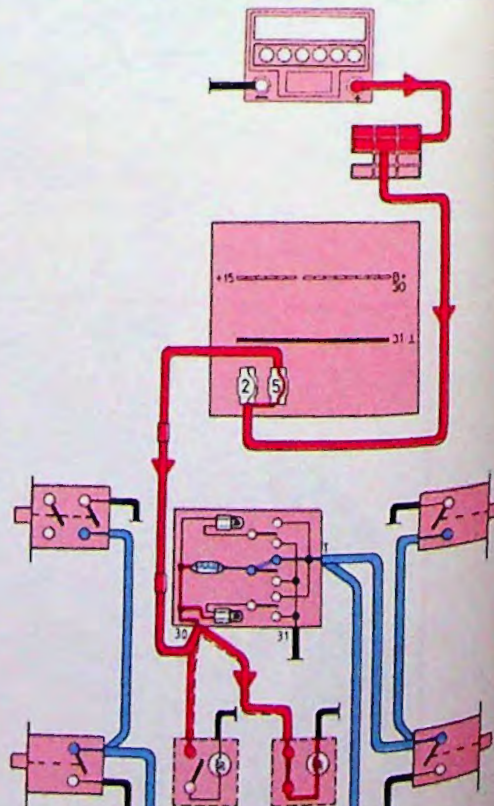
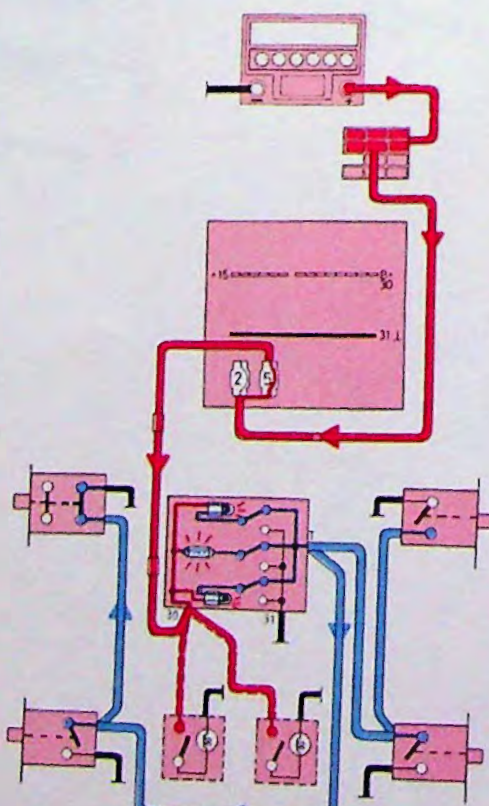
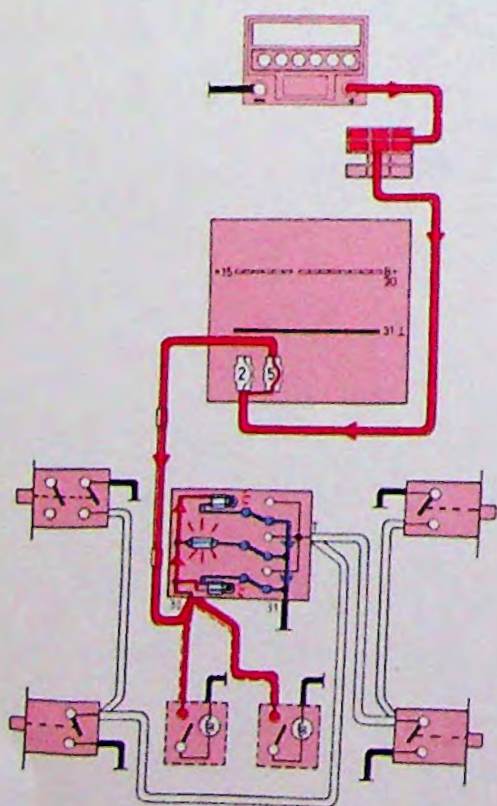
Zekering nr 5

Klokje
Handschoenenkastje, verlichting
Motorruimte- en bagageruimteverlichting

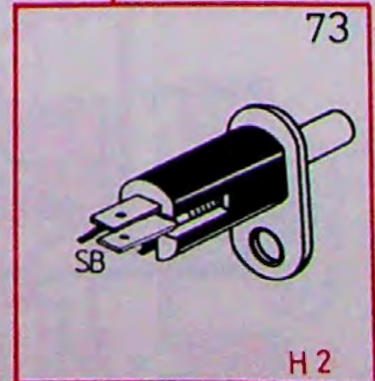
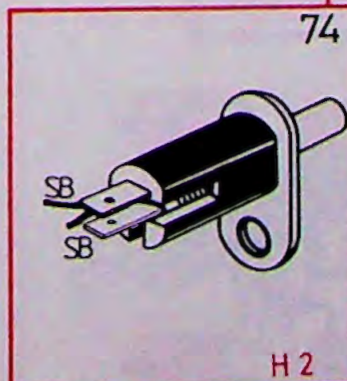
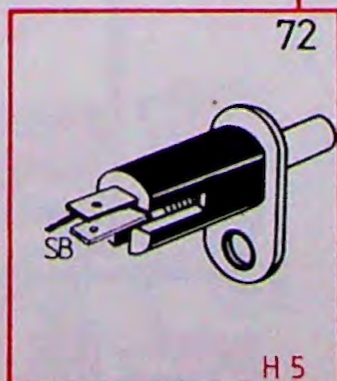
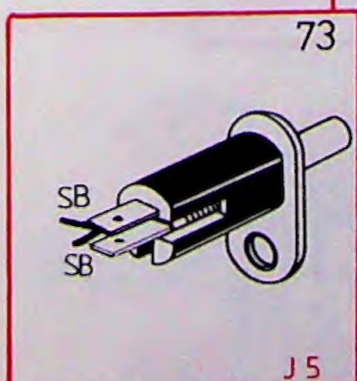
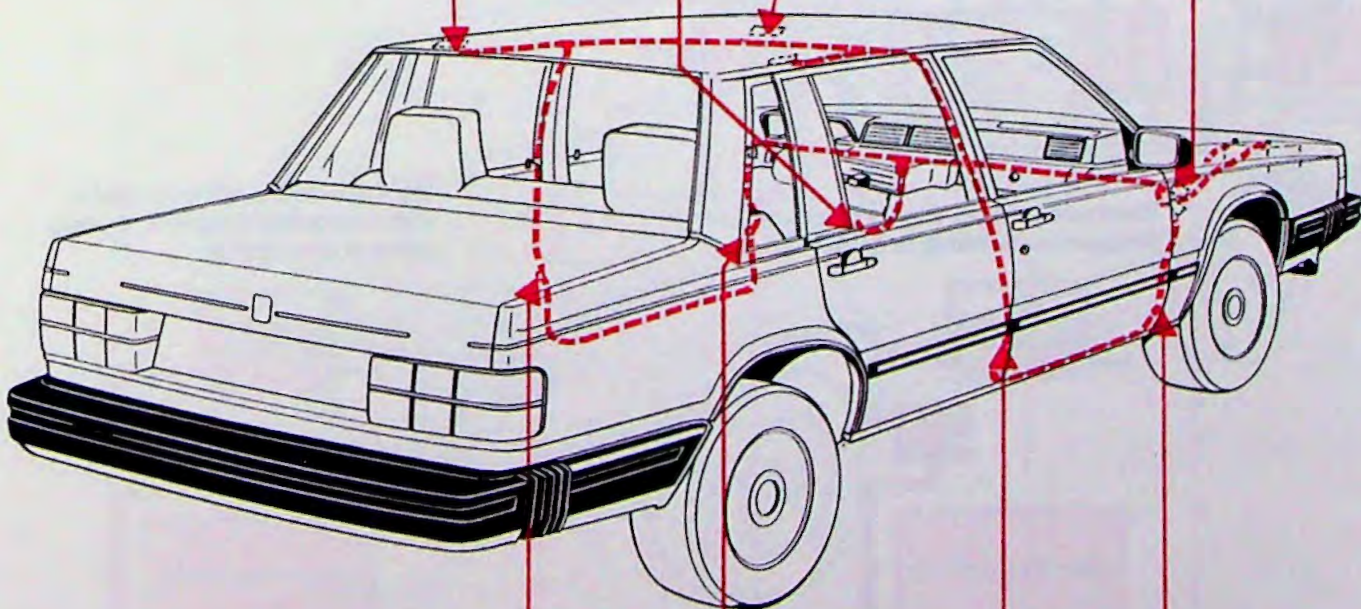
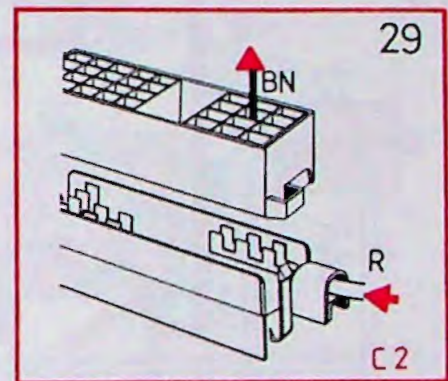
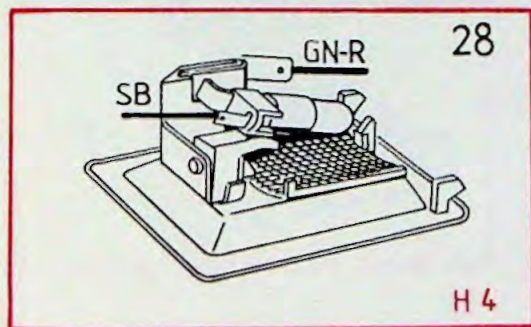
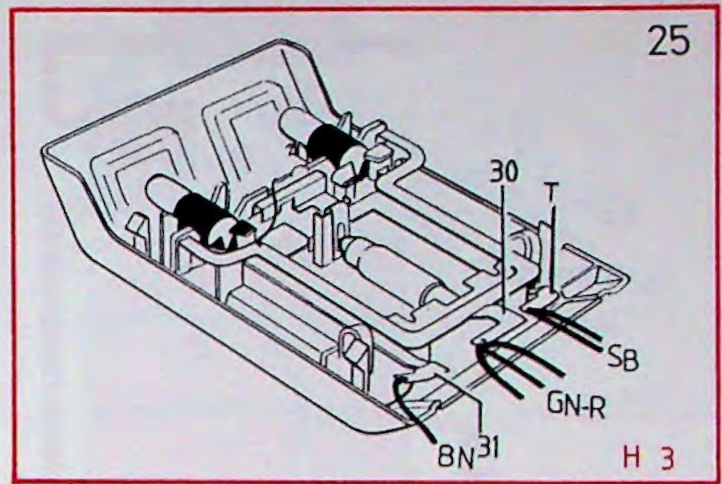
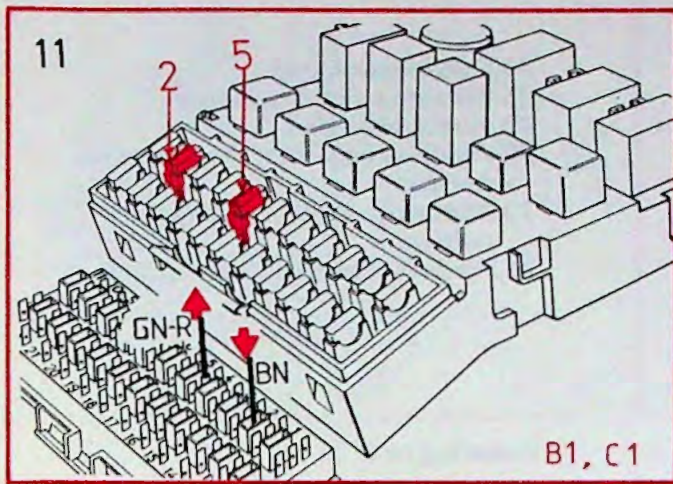
Portieren zijn dicht
Binnenverlichting brandt

Bestuurdersportier is open

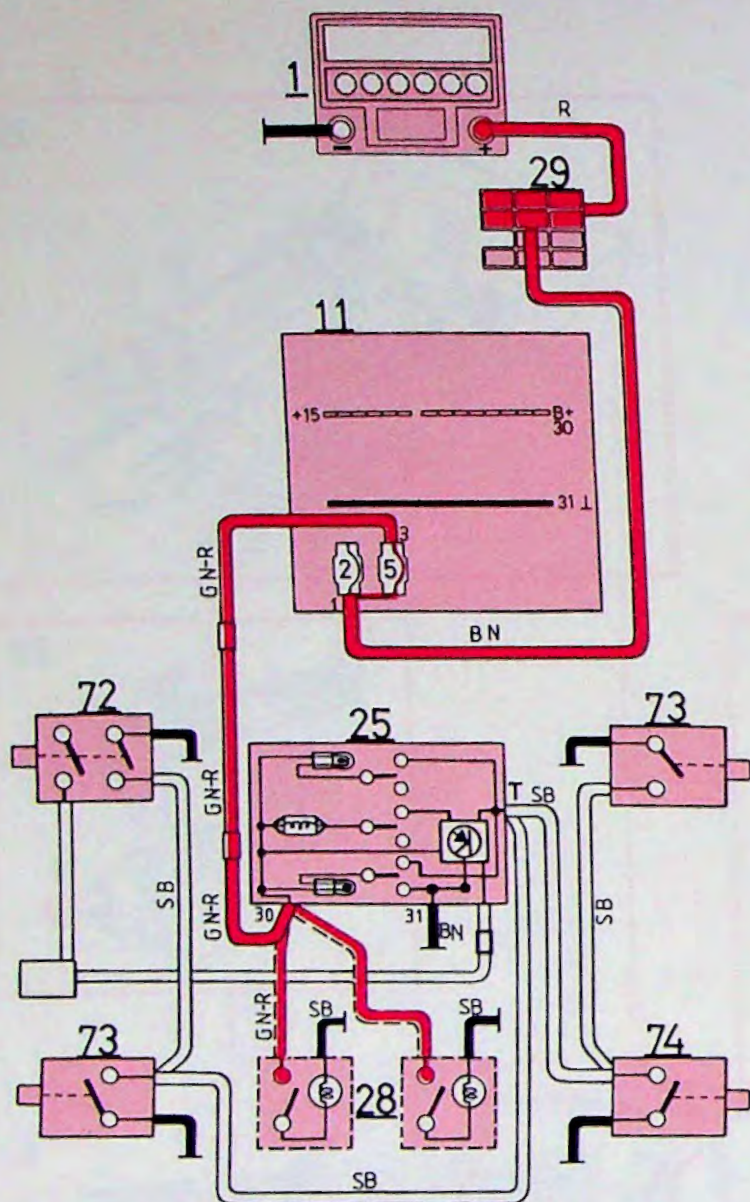
Portieren zijn dicht
Binnenverlichting brandt niet



Binnenverlichtung



Binnenverlichting met vertraging

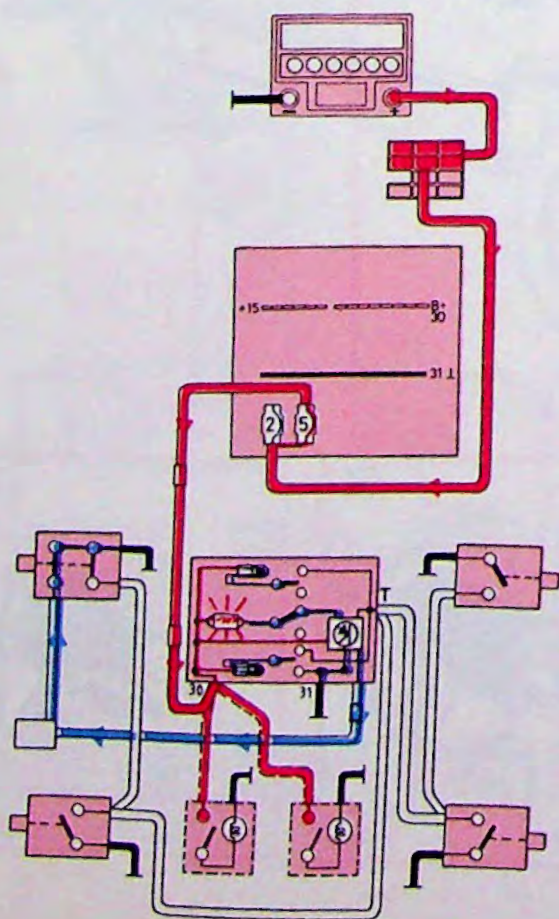


- 11 Zekeringenkastje
- 25 Binnenverlichting, hemel
- 29 Plus-aansluiting
- 72 Portierschakelaar, bestuurdersportier
- 73 Portierschakelaar, passagiersportier
- 74 Portierschakelaar, achterportier

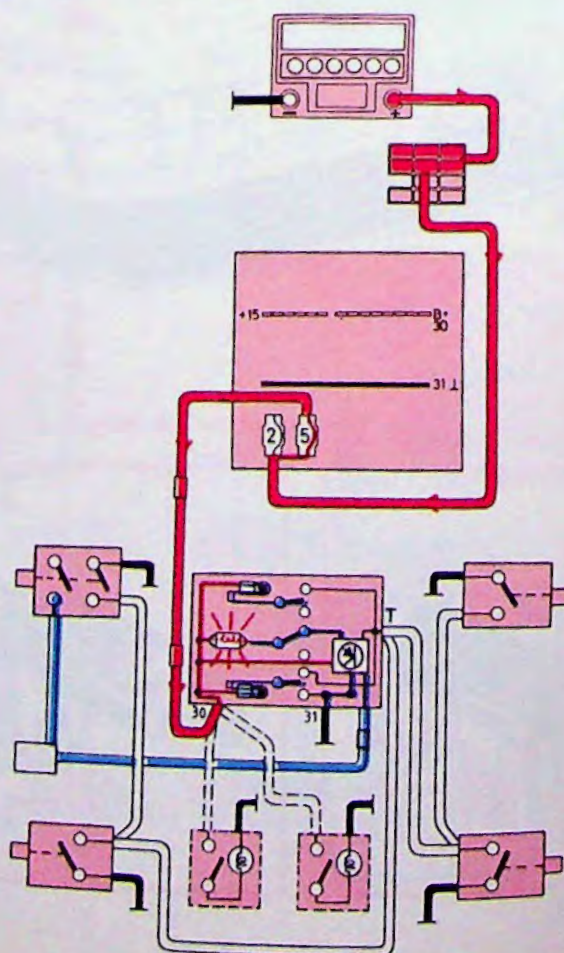
Zekering nr 5

Klokje
Handschoenenkastje, verlichting
Motorruimte- en bagageruimteverlichting

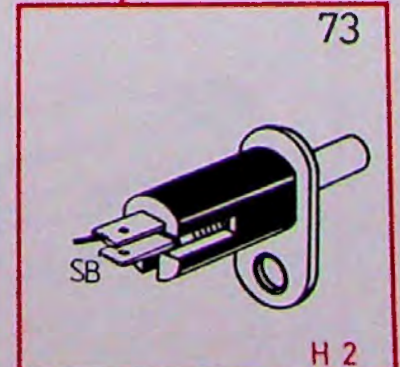
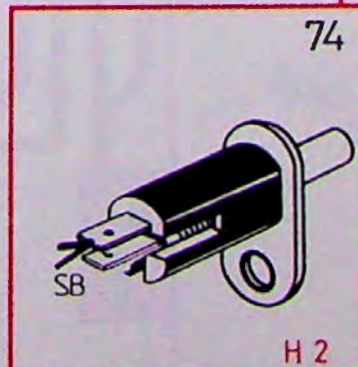
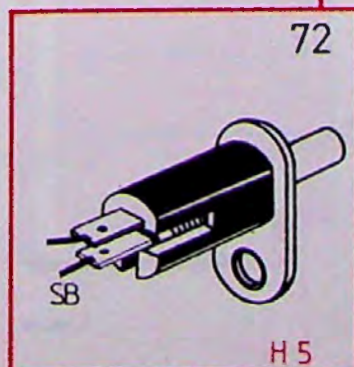
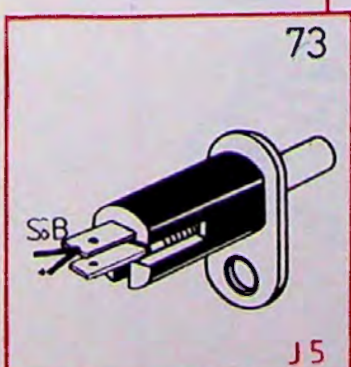
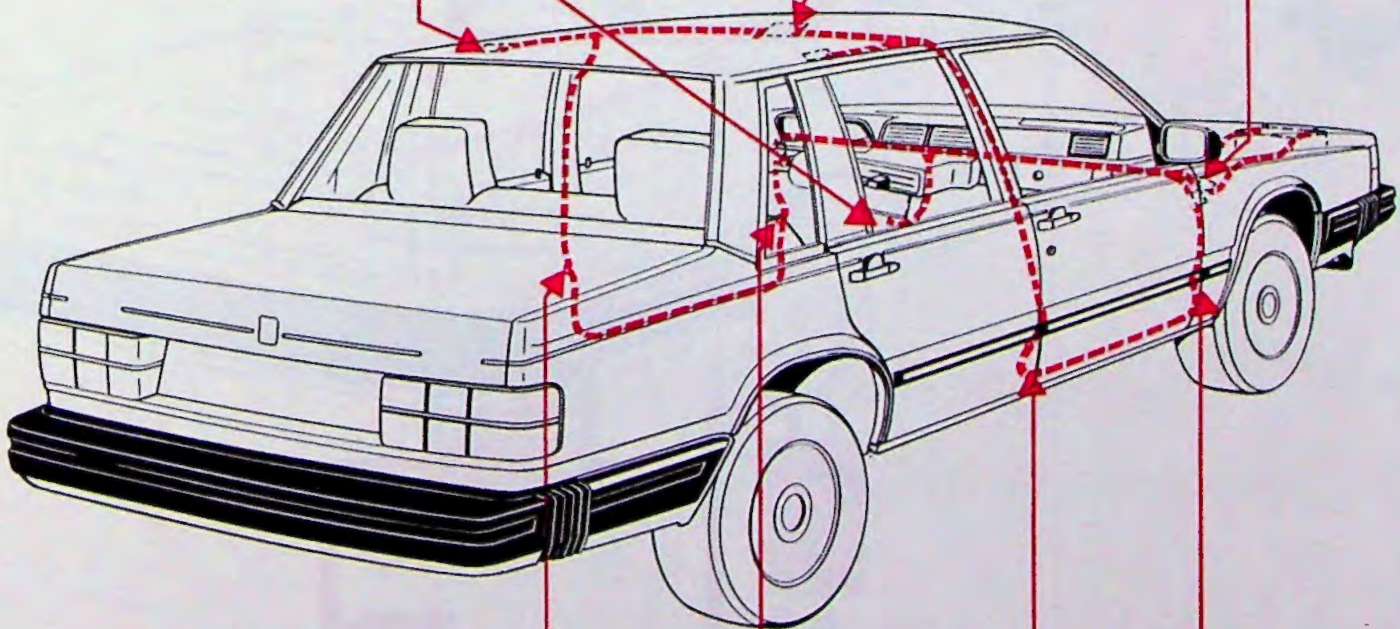
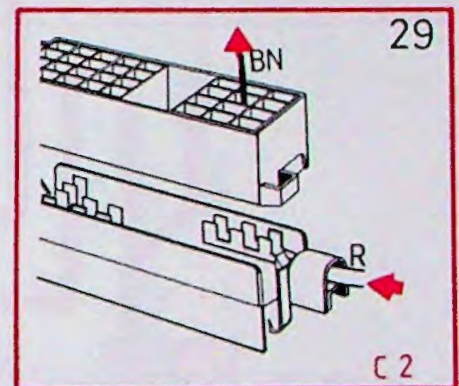
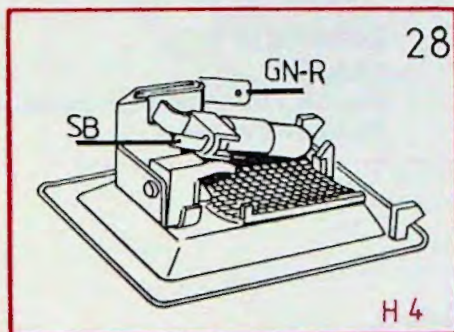
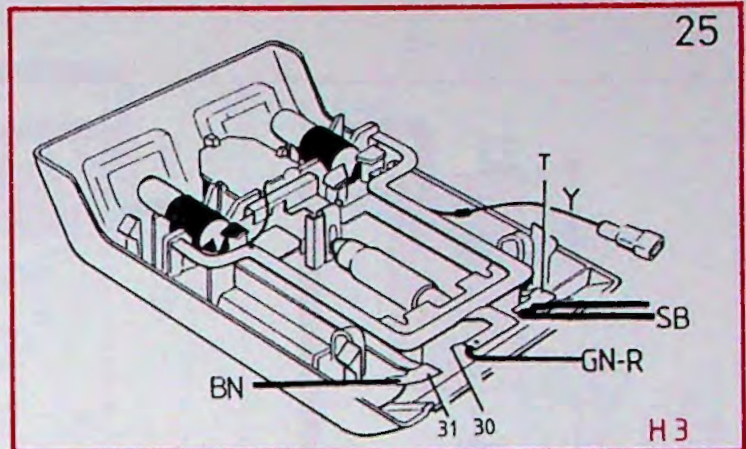
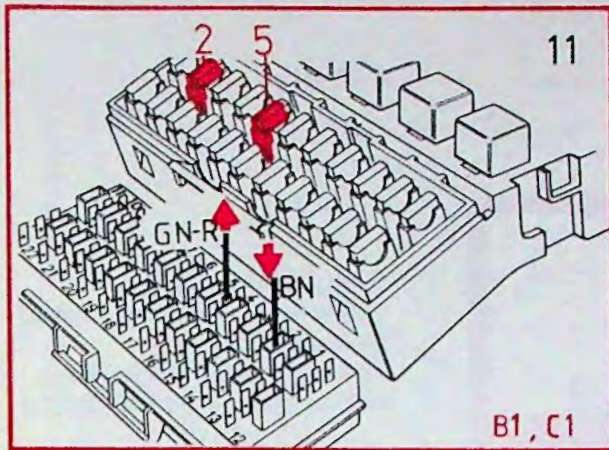
Bestuurdersportier is open
Binnenverlichting brandt



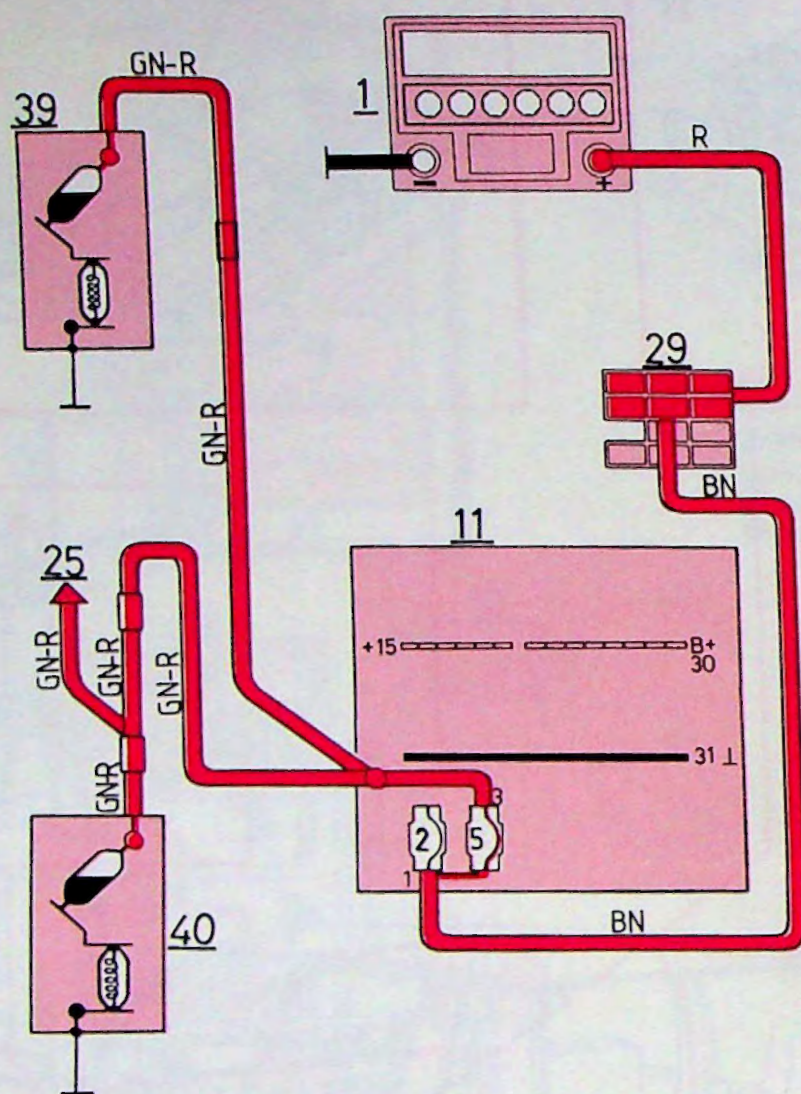
Bestuurdersportier is dicht
Binnenverlichting brandt nog
circa 5 seconden



Binnenverlichting met vertraging



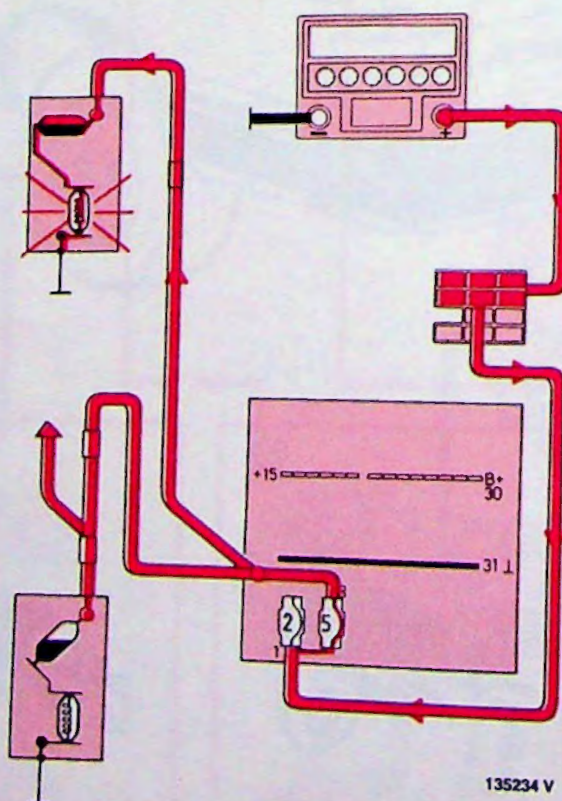
Motorruimte- en bagageruimteverlichting



11 Zekeringenkastje
25 Binnenverlichting, hemel
29 Plus-aansluiting
39 Motorruimteverlichting
40 Bagageruimteverlichting

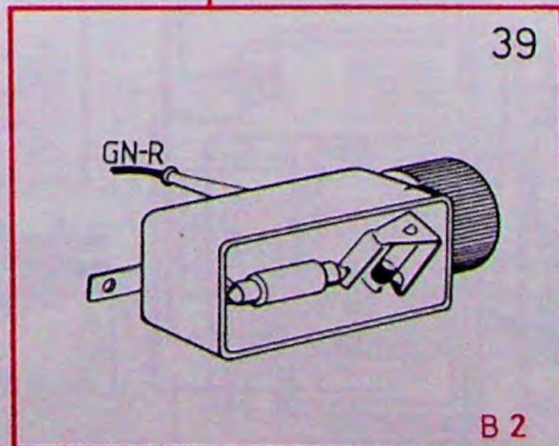
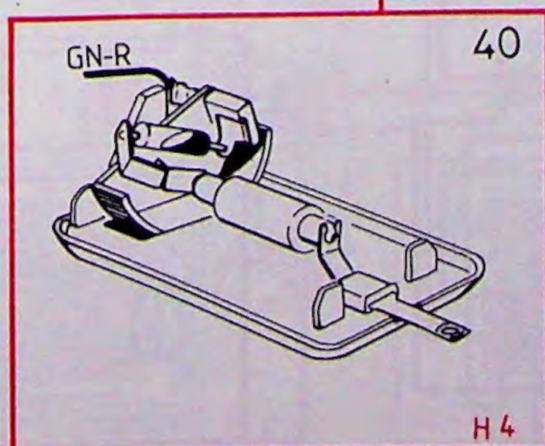
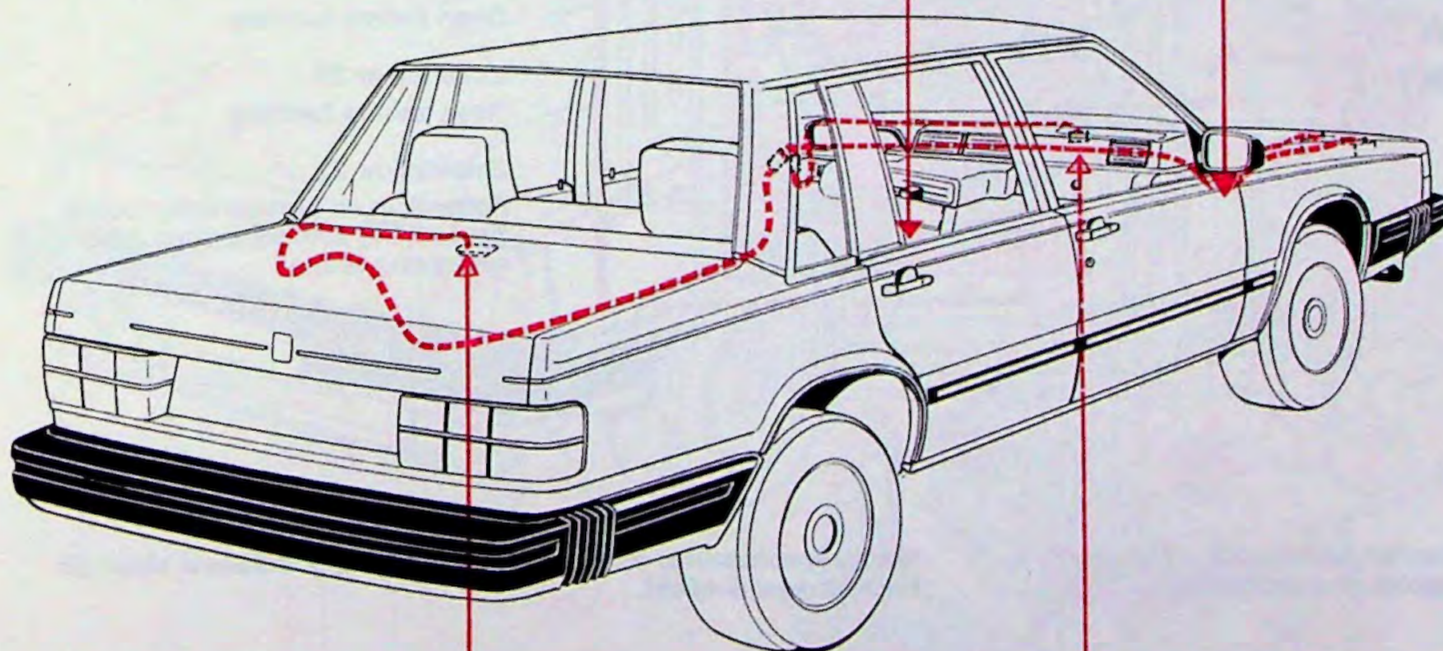
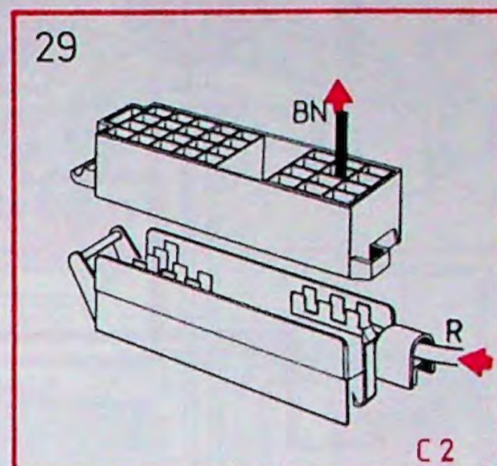
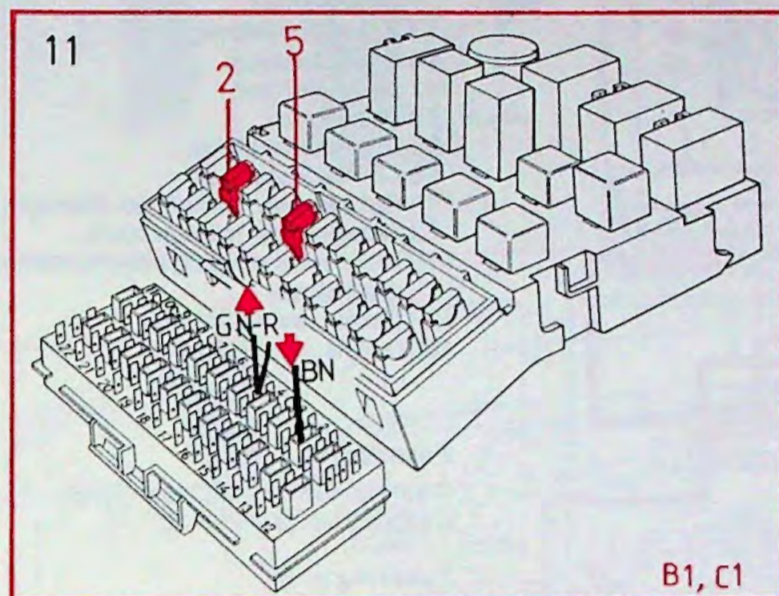
Zekering nr 5
Klokje
Handschoenenkastje, verlichting
Binnenverlichting

Motorruimteverlichting brandt

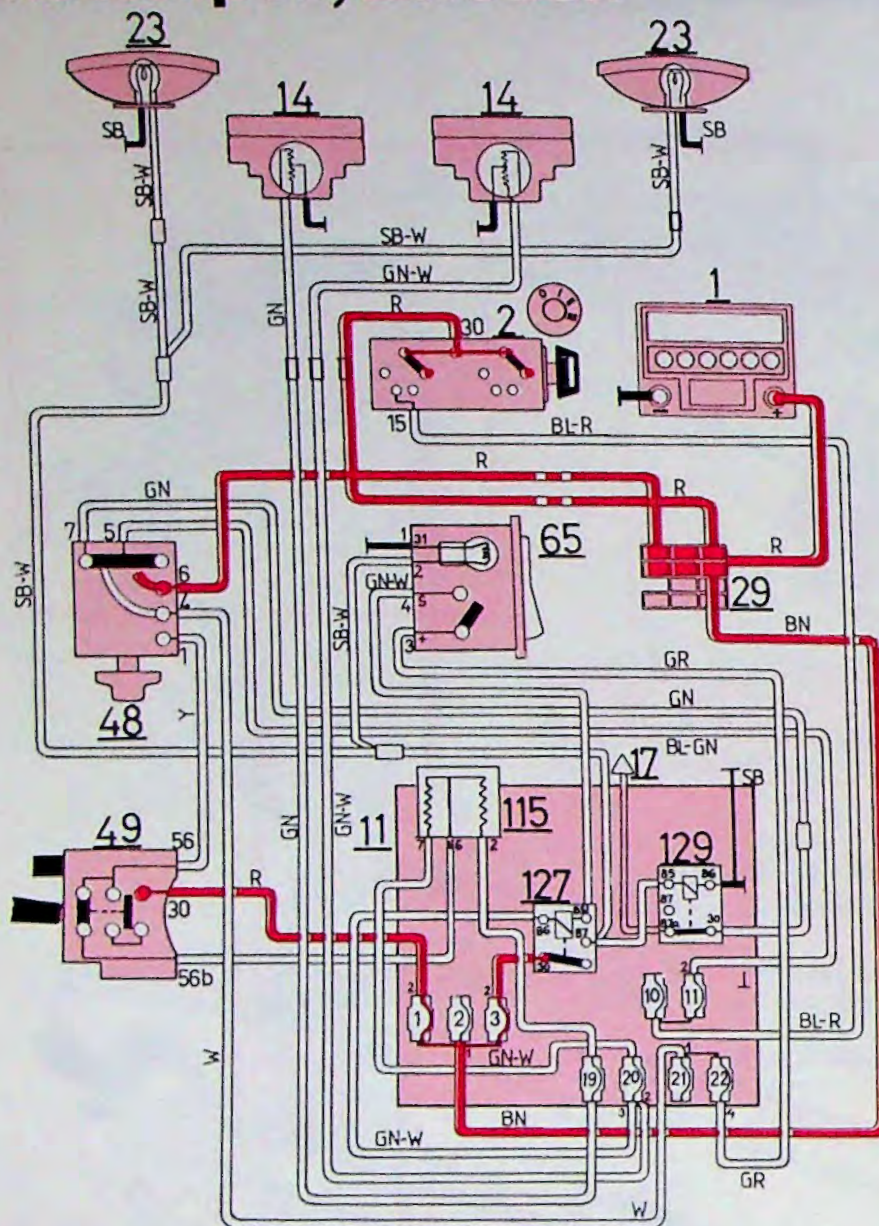


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Motorruimte- en bagageruimteverlichting



Mistlampen, Zweden



- 2 Contactslot
- 11 Zekeringenkastje
- 14 Dimlichtlamp
- 17 Dagrijlichten
- 23 Mistlamp
- 29 Plus-aansluiting
- 48 Lichtschakelaar
- 49 Schakelaar, groot- en dimlicht
- 65 Schakelaar, mistlampen
- 115 Waarschuwingssysteem, defecte gloeilamp
- 127 Relais, extra lichten
- 129 Relais, dagrijlichten

Zekering nr 1

Waarschuwingssknipperlichten
Centrale vergrendeling

Zekering nr 3

Geen andere functies

Zekering nr 19

Geen andere functies

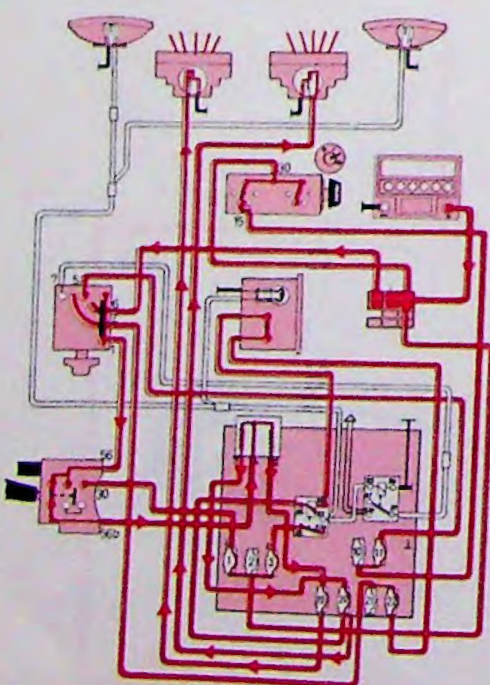
Zekering nr 20

Geen andere functies

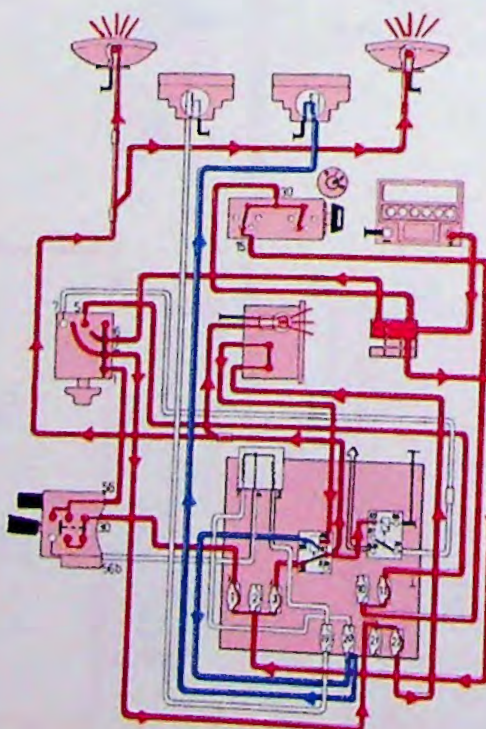
Zekering nr 22

Achterlicht en parkeerlicht, rechts
Snelsluiting autogordels en asbak-
verlichting, achter

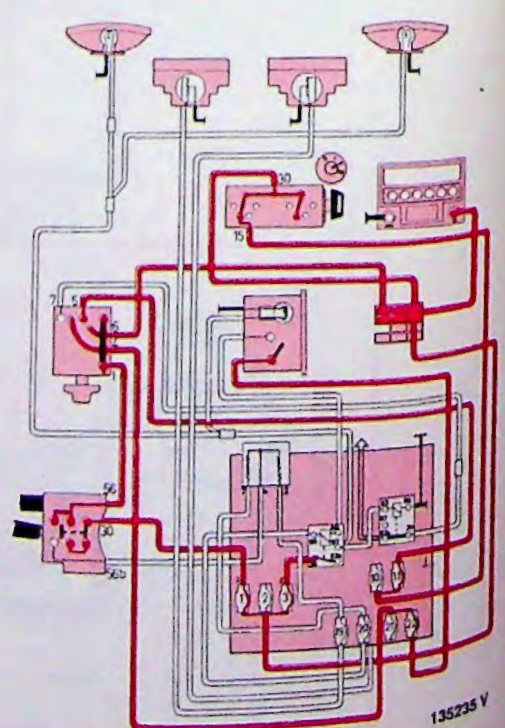
Mistlampschakelaar staat aan,
tegelijk met grootlicht



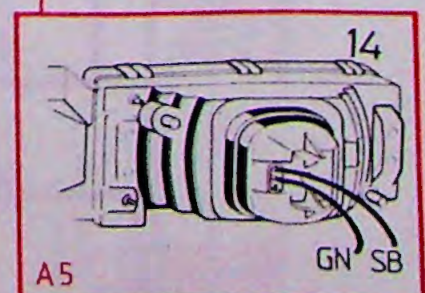
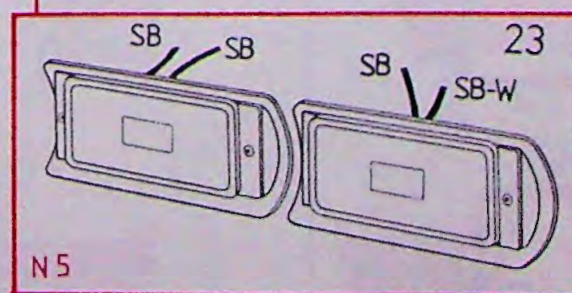
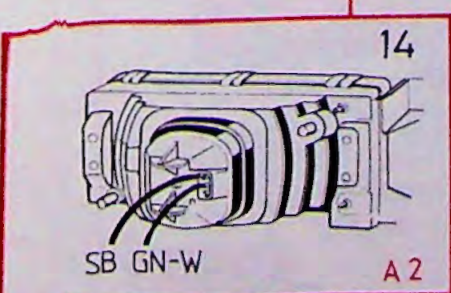
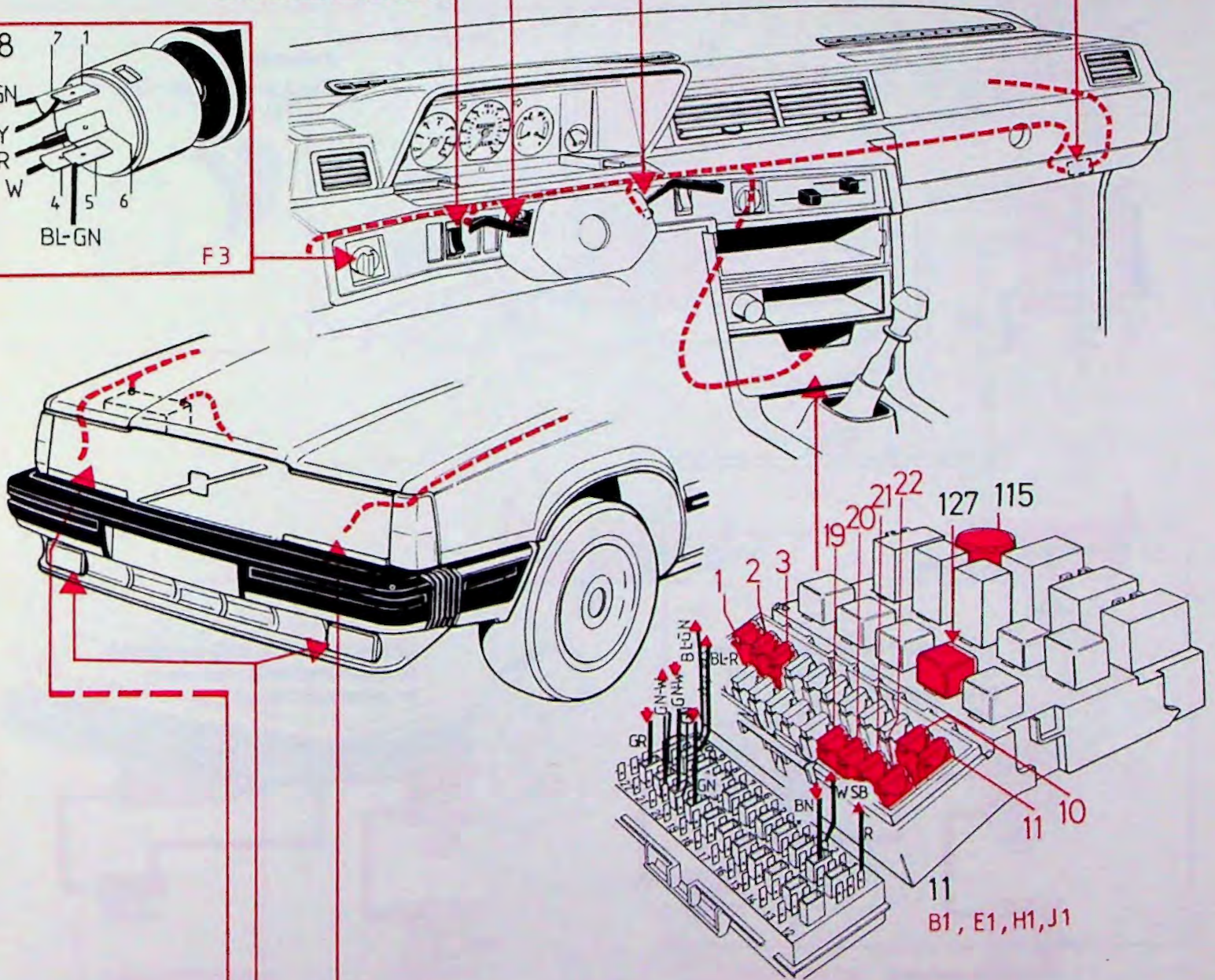
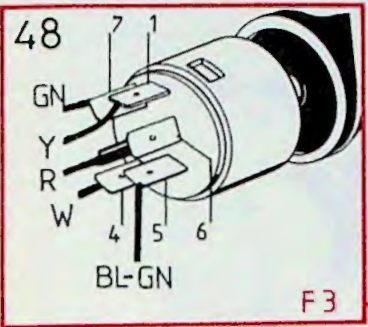
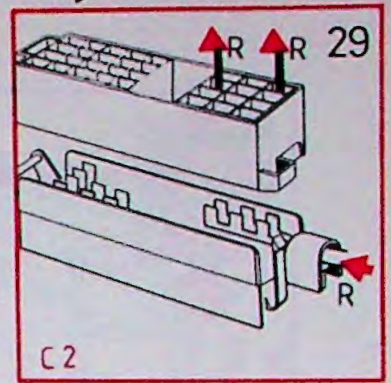
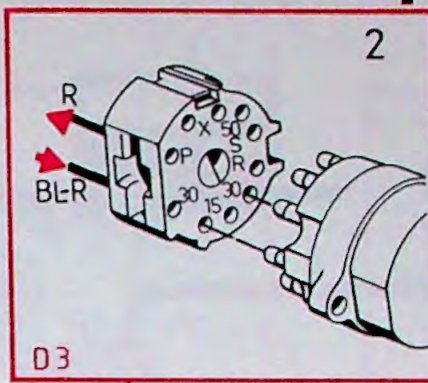
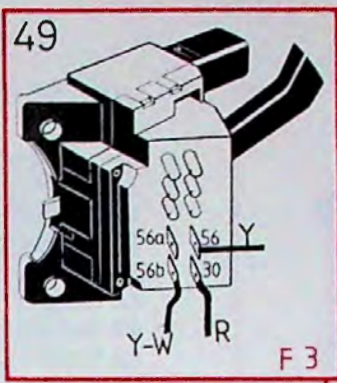
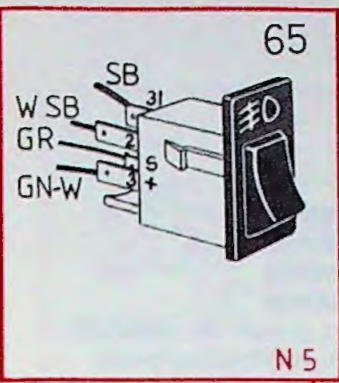
Mistlampschakelaar staat aan,
tegelijk met dimlicht



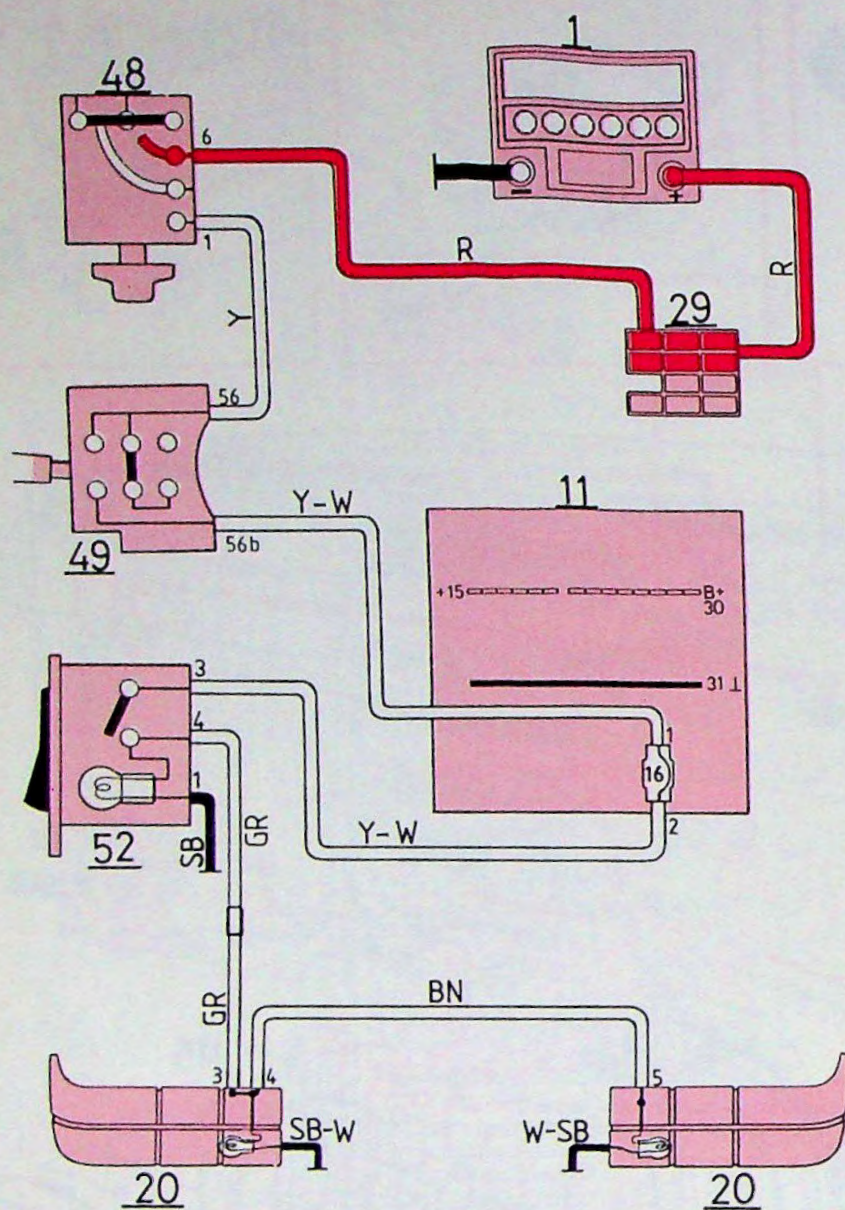
Mistlampschakelaar staat uit



Mistlampen, Zweden



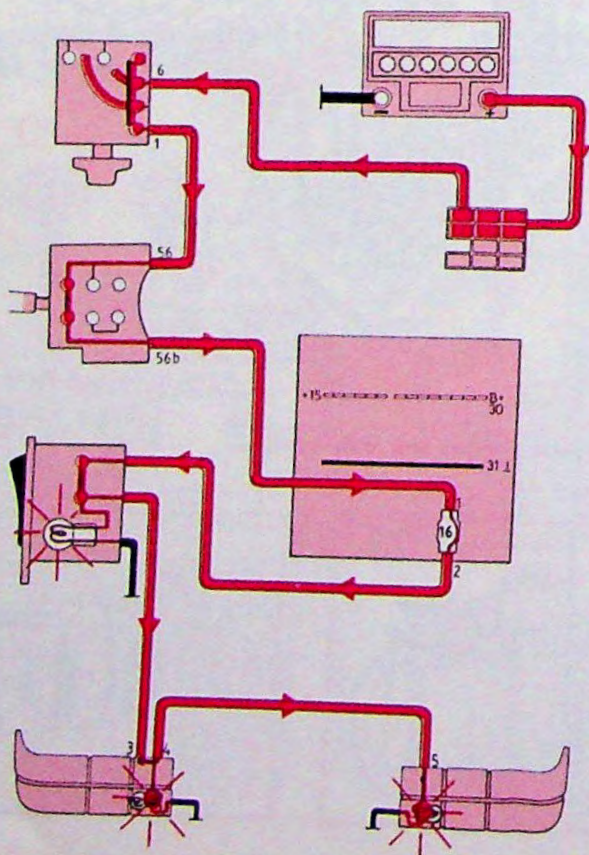
Mistachterlamp



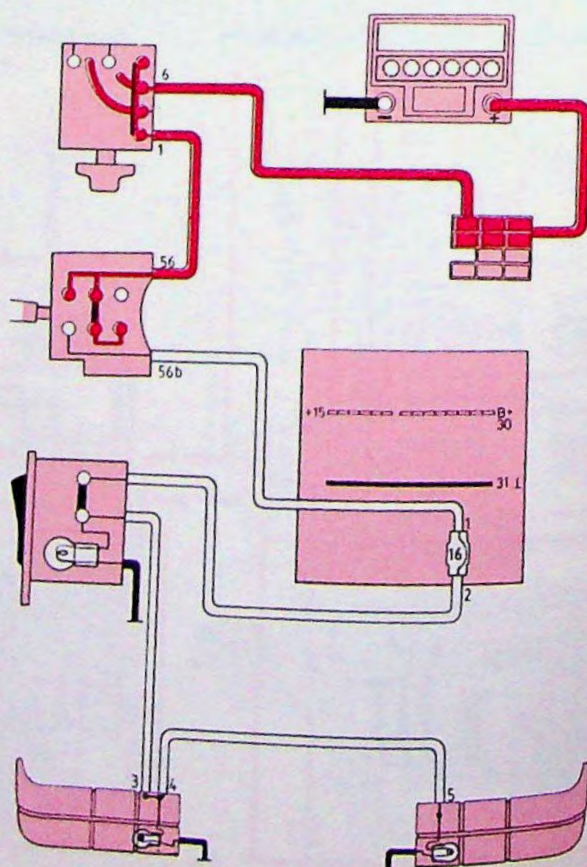
11 Zekeringenkastje
20 Mistachterlamp
29 Plus-aansluiting
48 Lichtschakelaar
49 Schakelaar, groot- en dimlicht
52 Schakelaar, mistachterlamp

Zekering nr 16
Geen andere functies

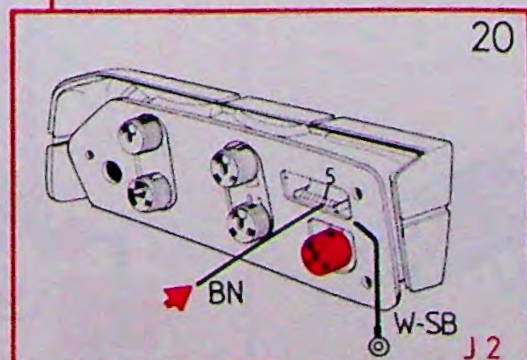
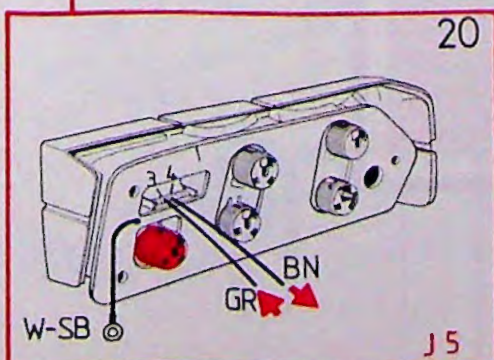
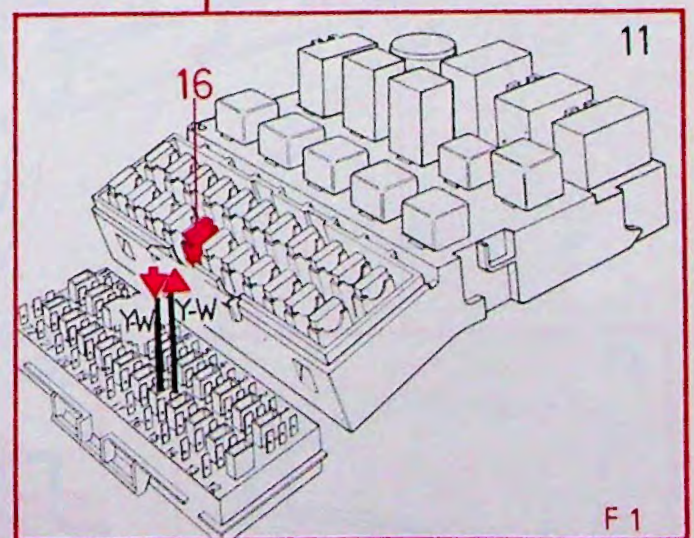
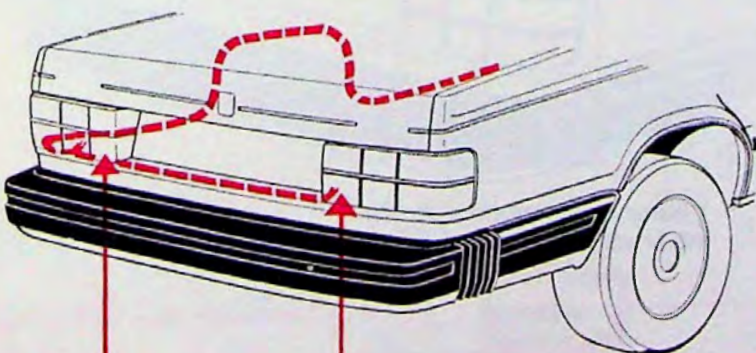
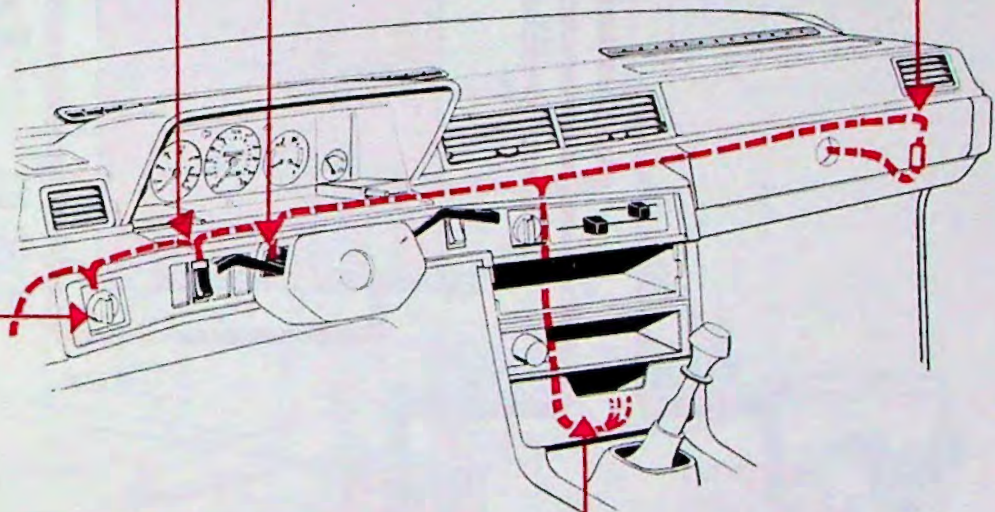
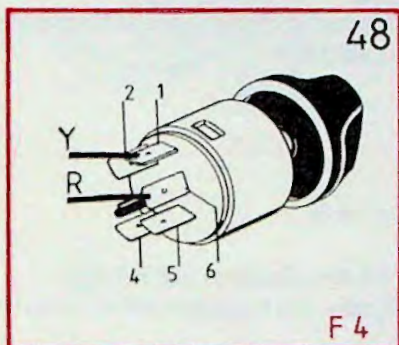
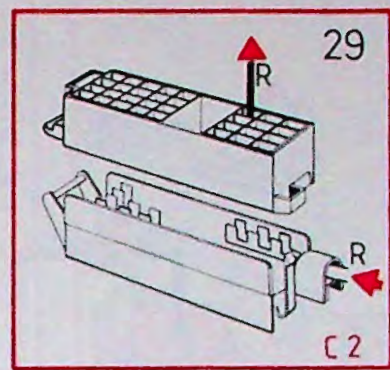
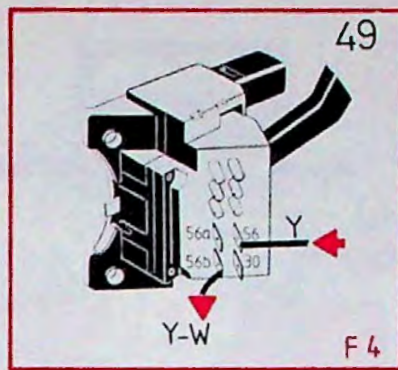
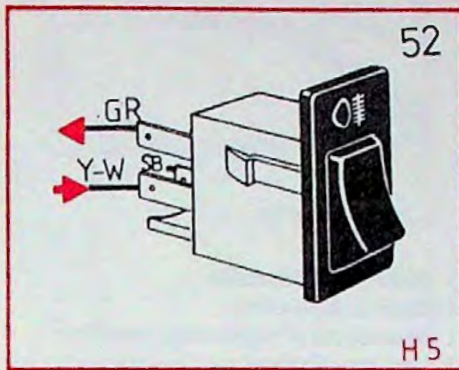
**Mistachterlamp ingeschakeld
Groot-/dimlichtschakelaar
in dimlichtstand**



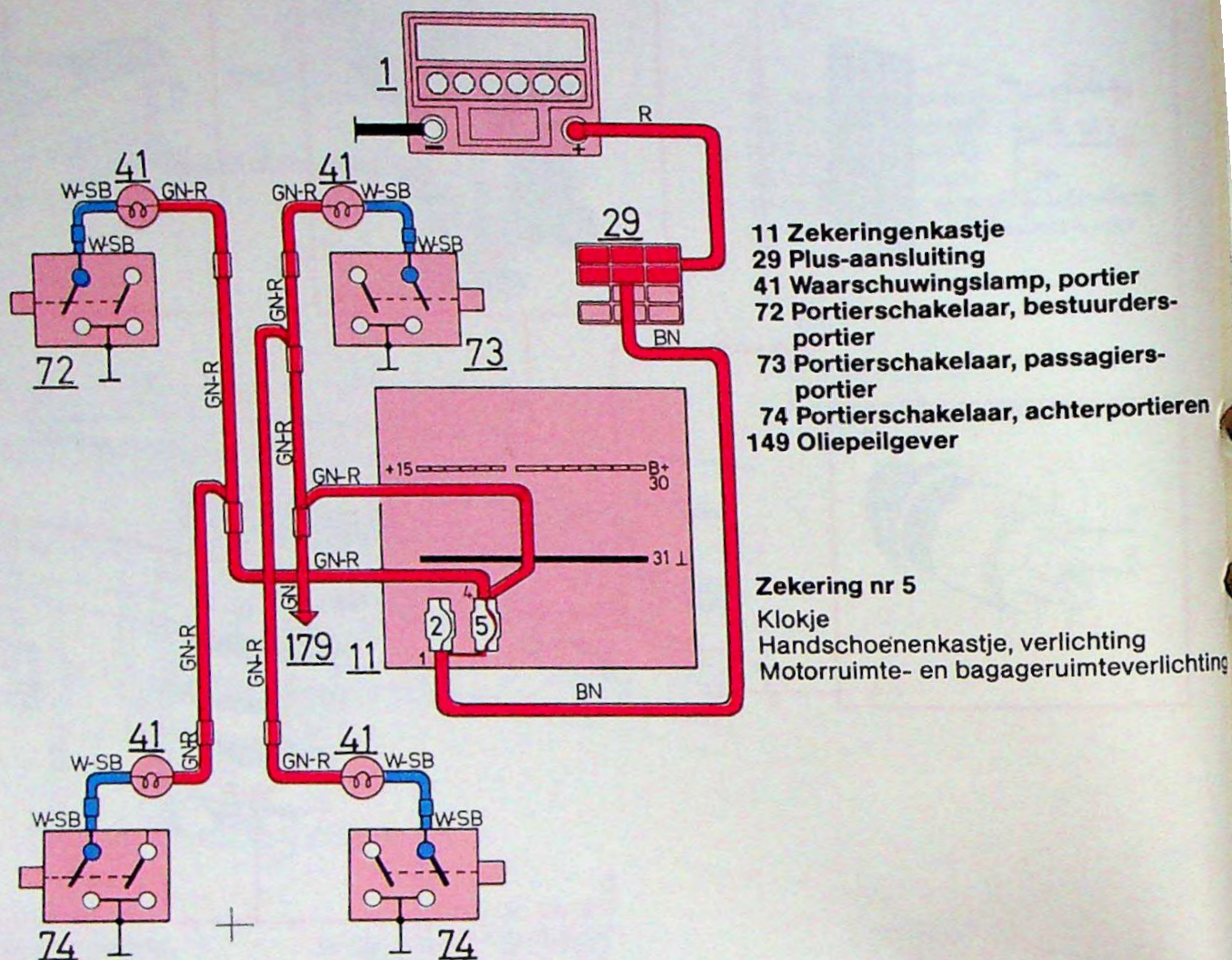
Mistachterlamp ingeschakeld Groot-/dimlichtschakelaar in grootlichtstand



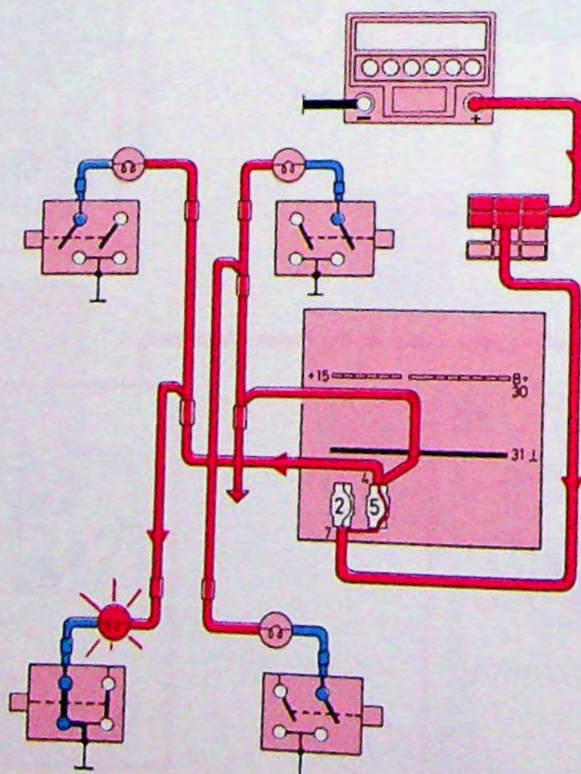
Mistachterlamp



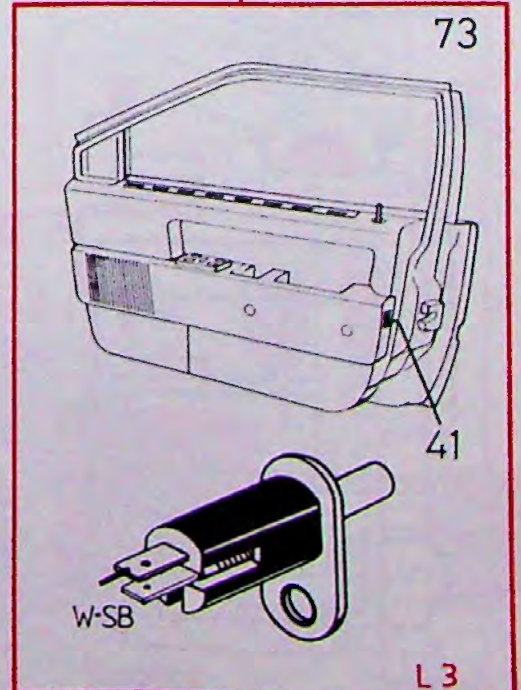
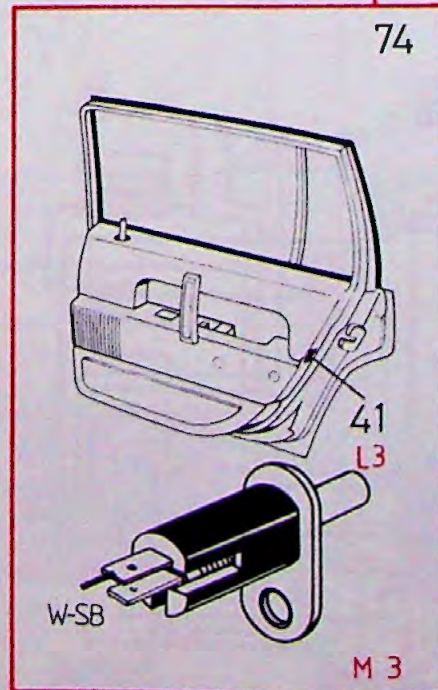
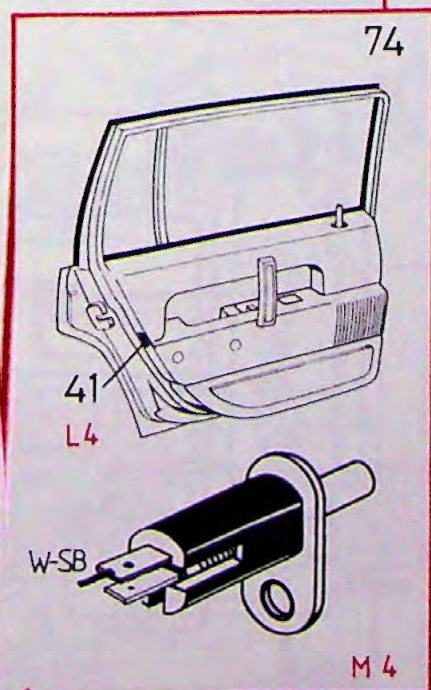
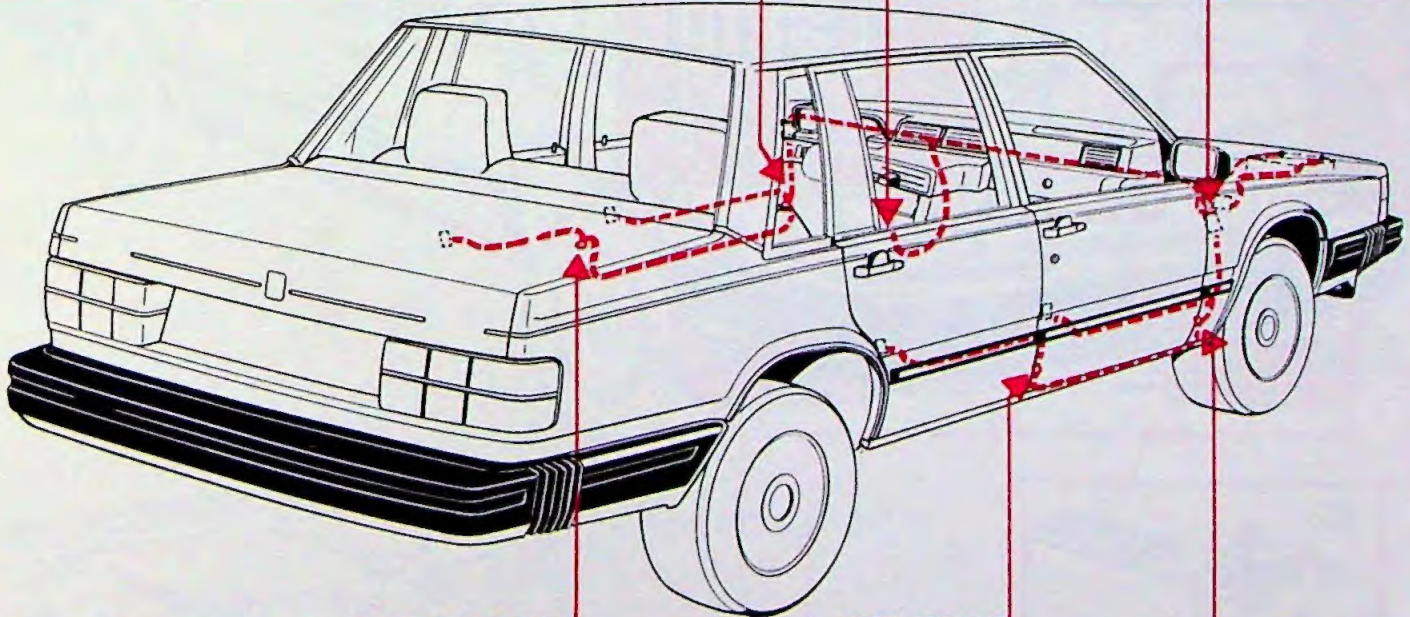
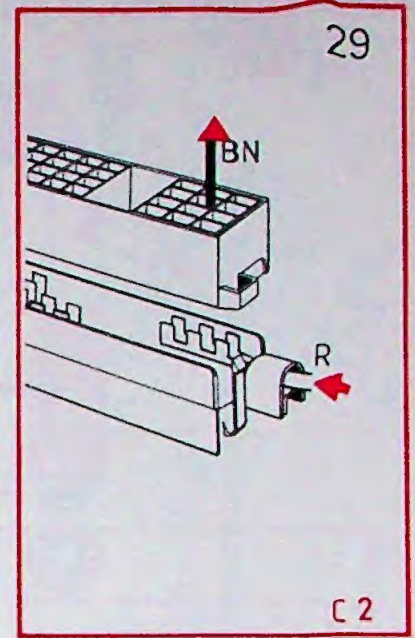
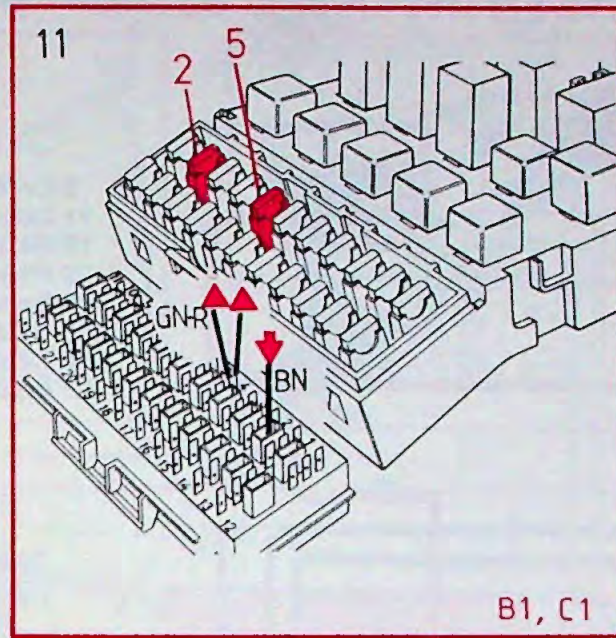
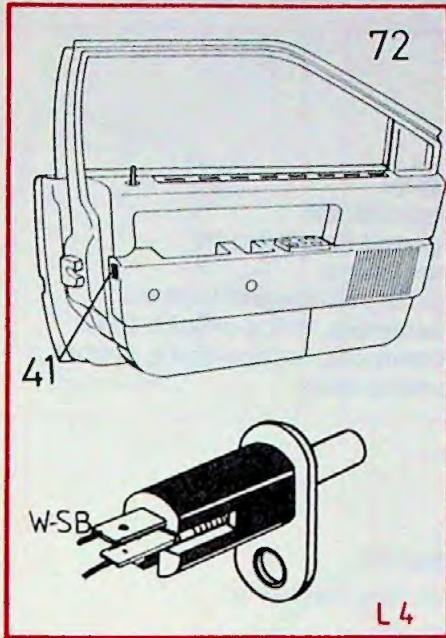
Waarschuwingsslampen, portieren



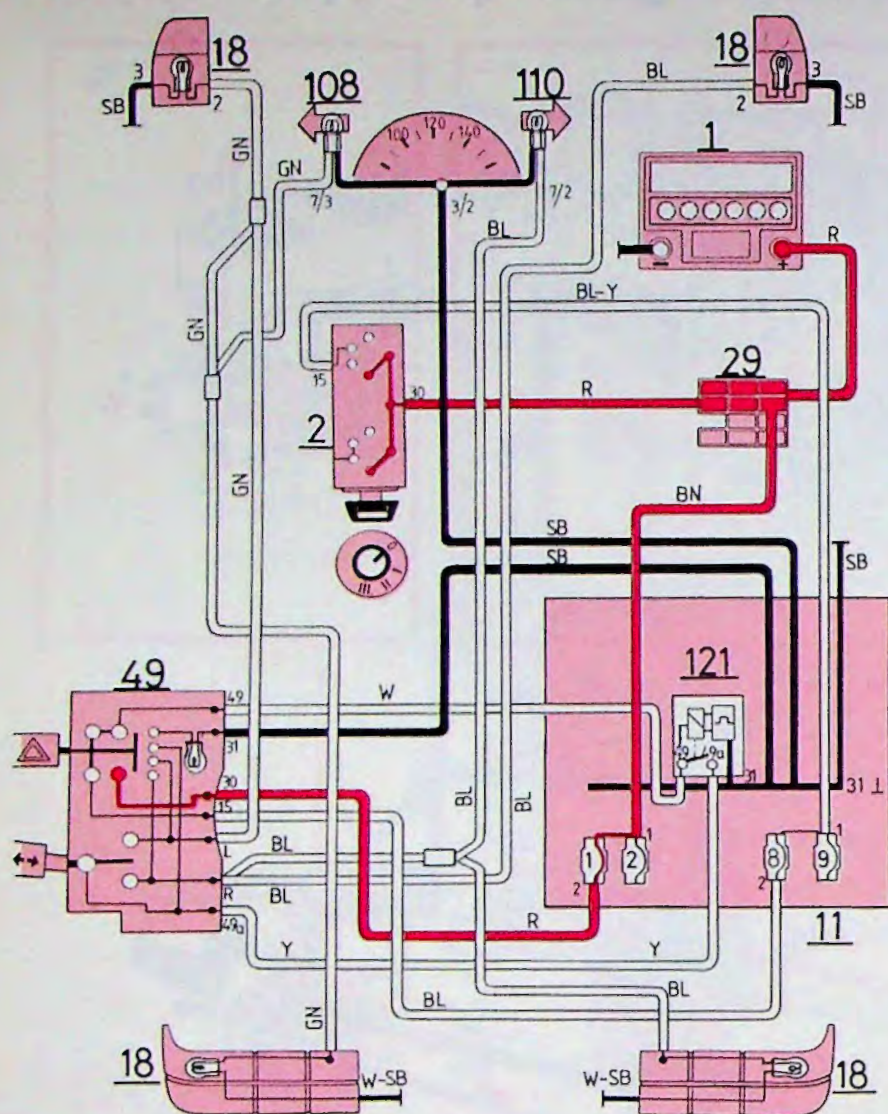
Linker achterportier is open
 Waarschuwingsslamp brandt



Waarschuwingsslampen, portieren



Richtingaanwijzers — waarschuwings- knipperlichten

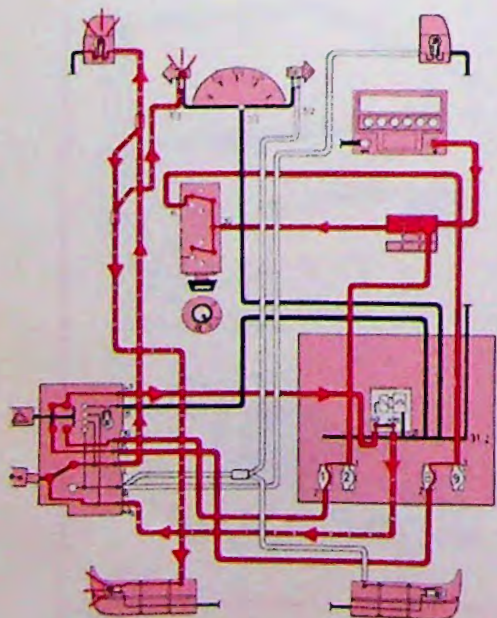


- 2 Contactslot
- 11 Zekeringenkastje
- 18 Richtingaanwijzerlampen
- 29 Plus-aansluiting
- 49 Schakelaar, richtingaanwijzers
- 108 Controlelampje, knipperlicht, links
- 110 Controlelampje, knipperlicht, rechts
- 121 Knipperlichtrelais

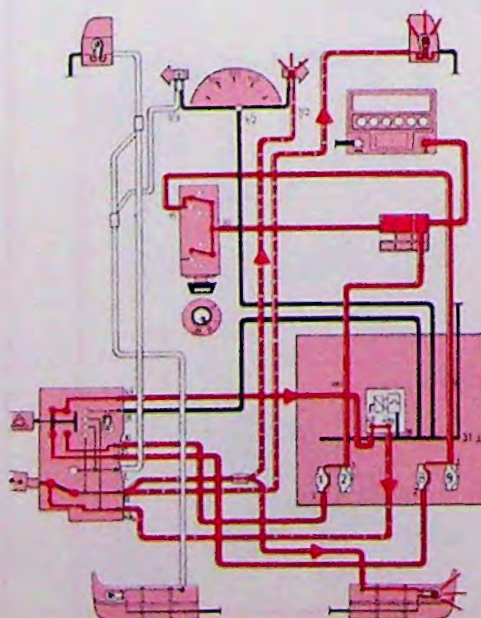
Zekering nr 1
Centrale vergrendeling

Zekering nr 8
(Overdriverelais)

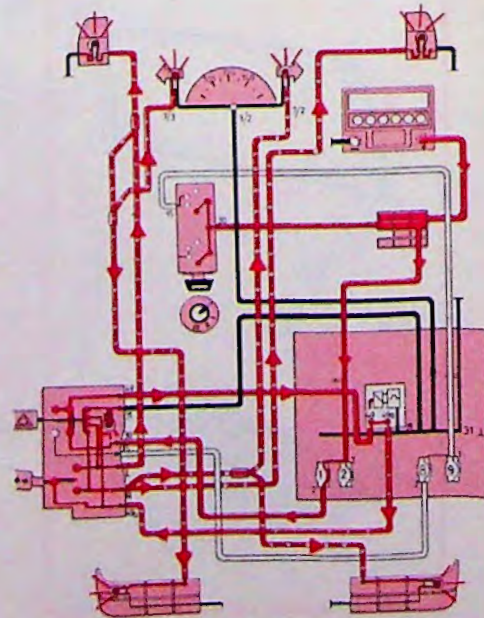
Linker richtingaanwijzer
ingeschakeld



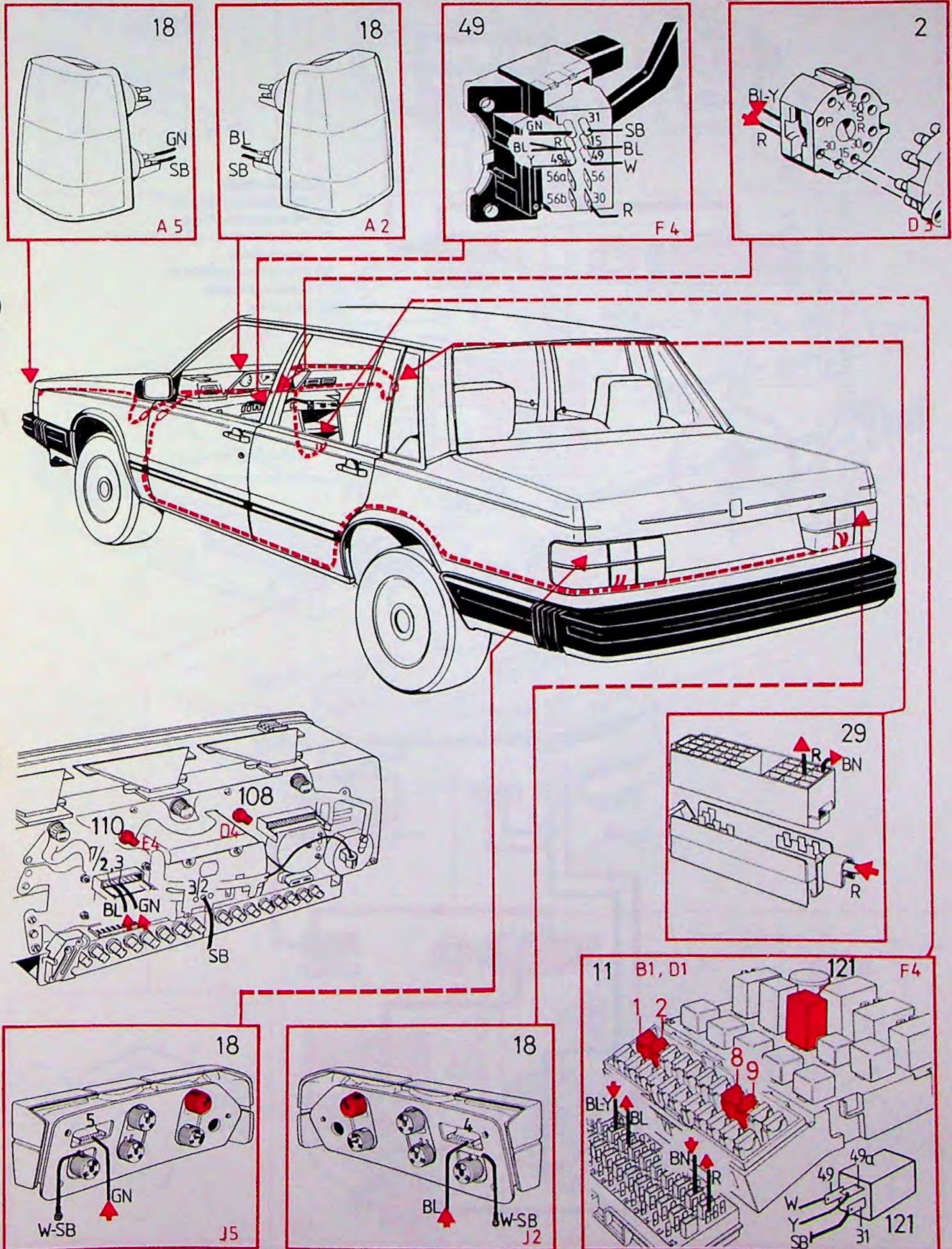
Rechter richtingaanwijzer
ingeschakeld



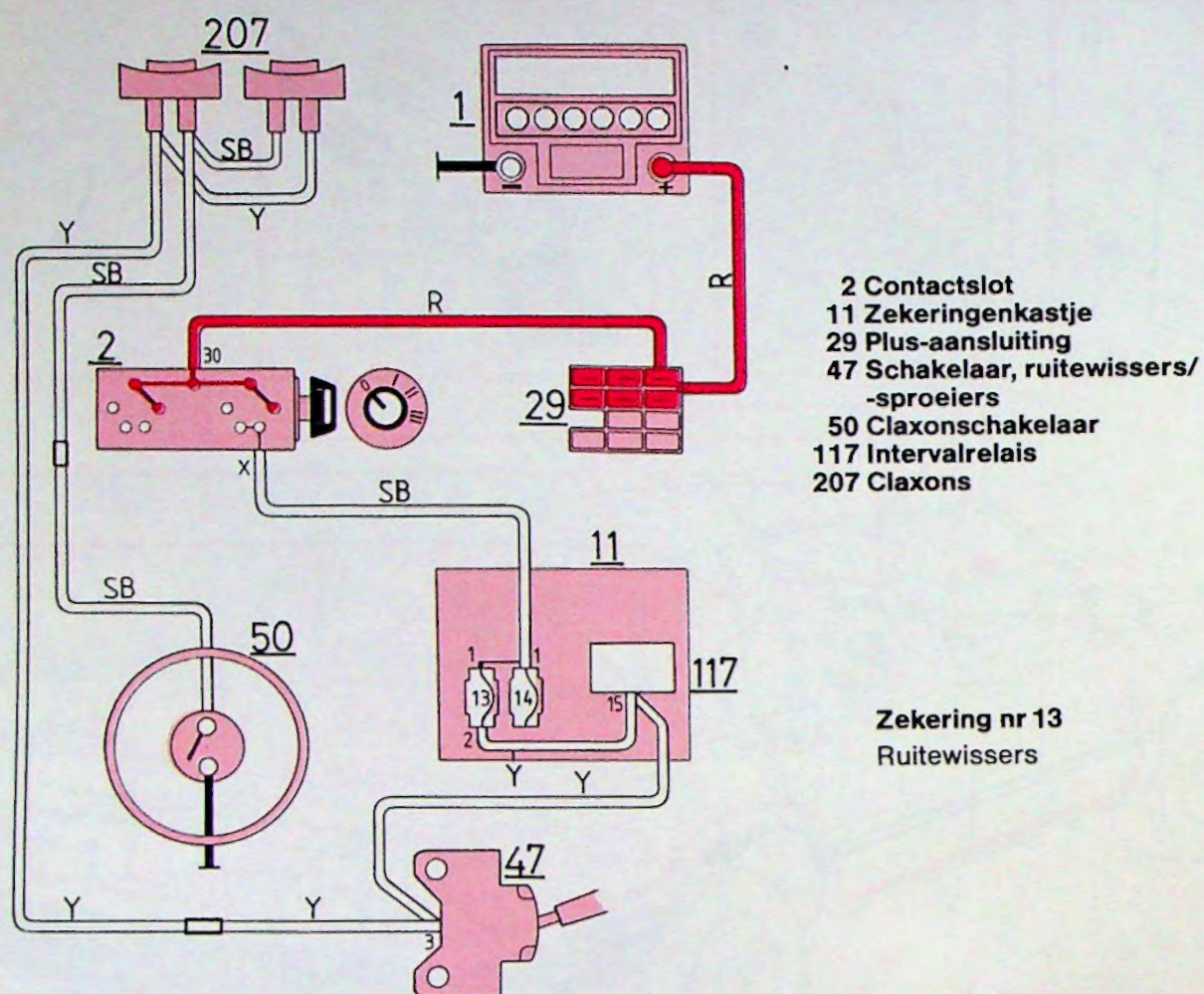
Waarschuwingssknipperlichten
ingeschakeld



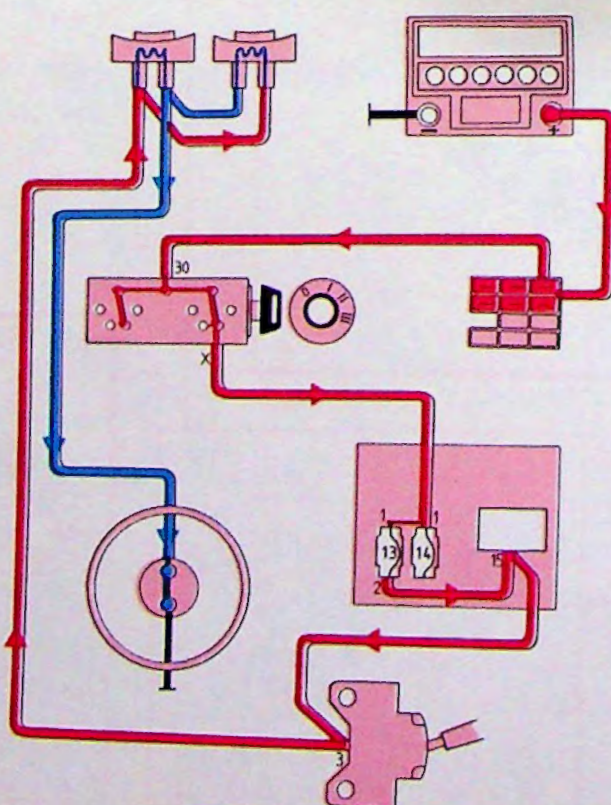
Richtingaanwijzers — waarschuwingsknipperlichten



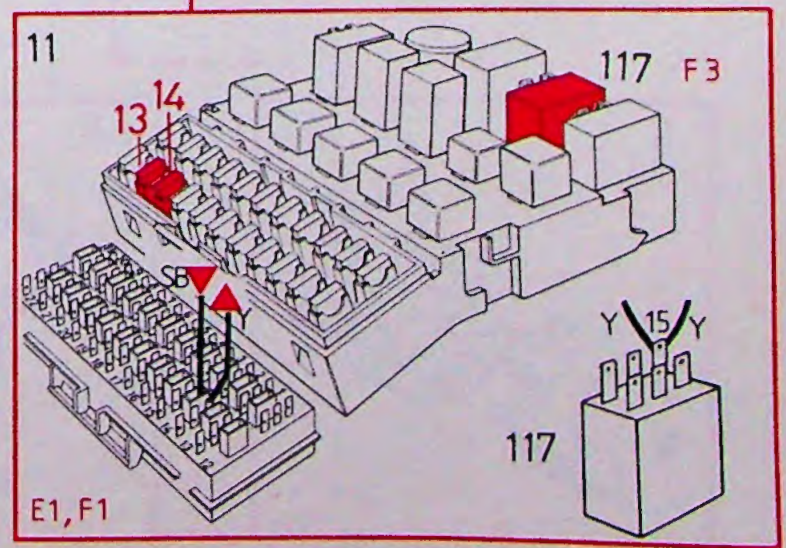
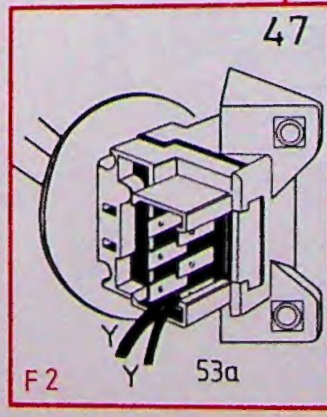
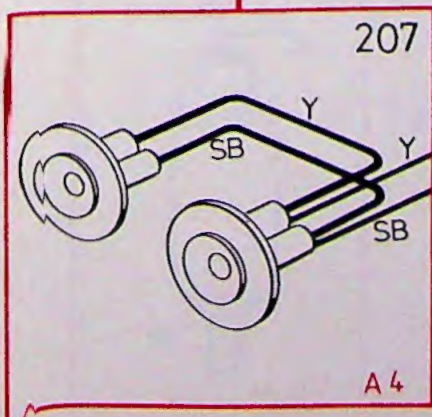
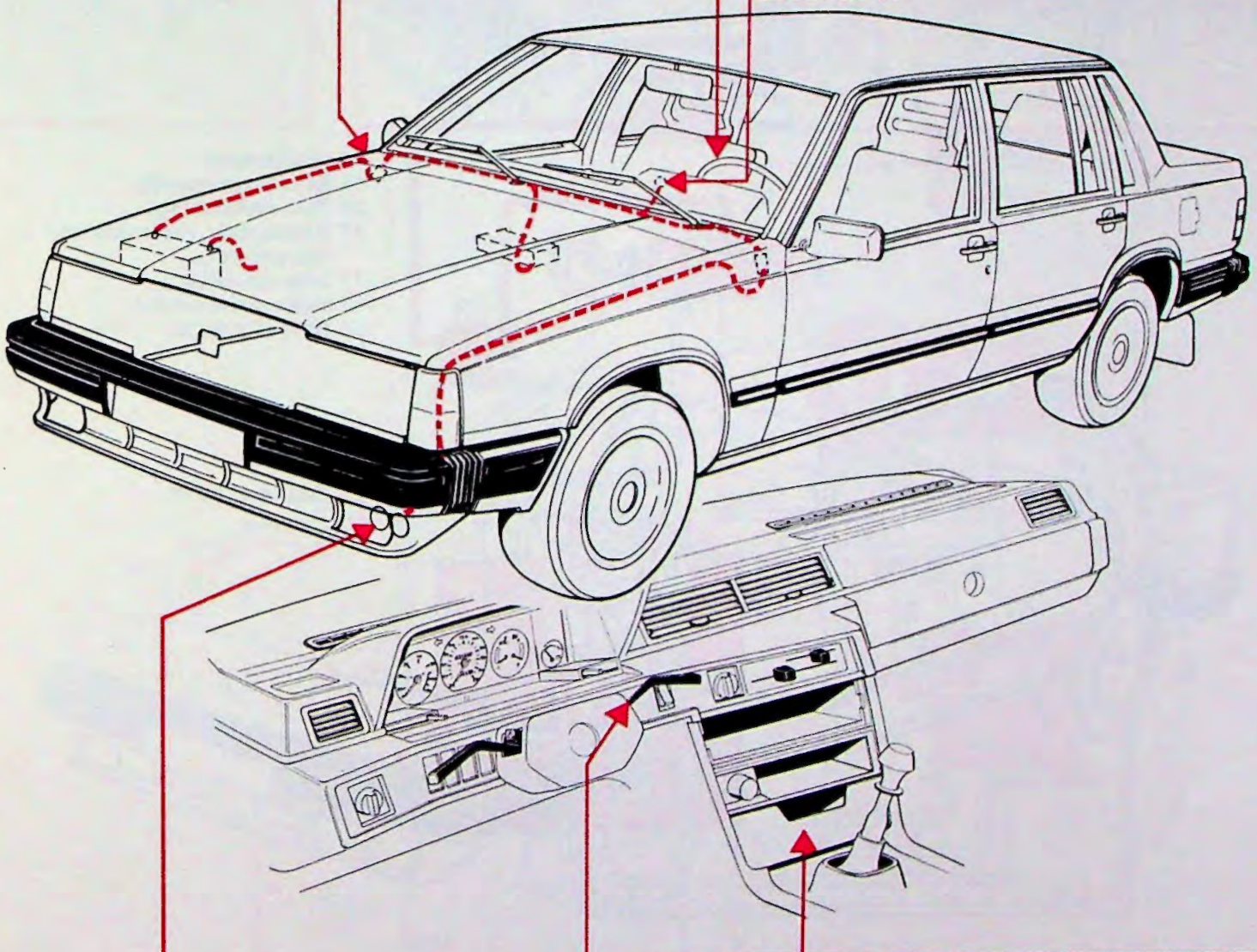
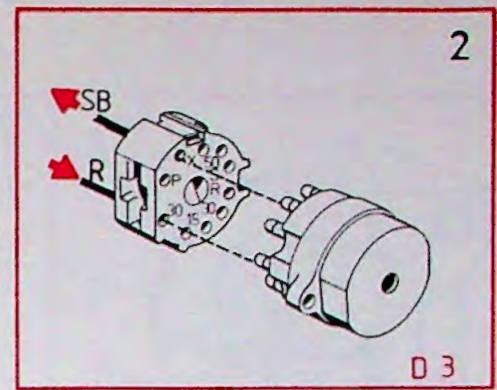
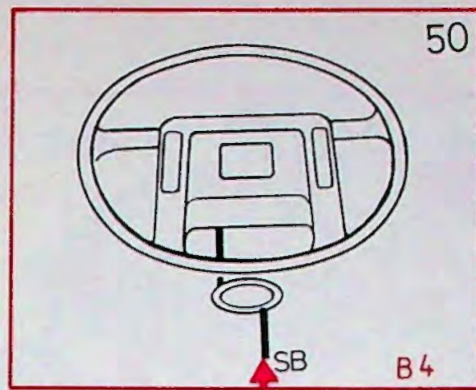
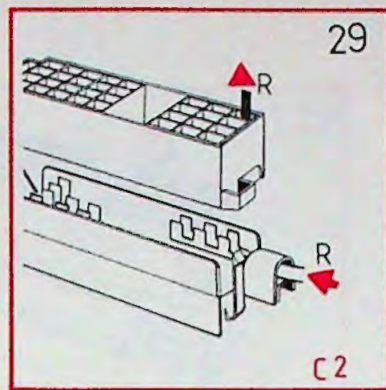
Claxons



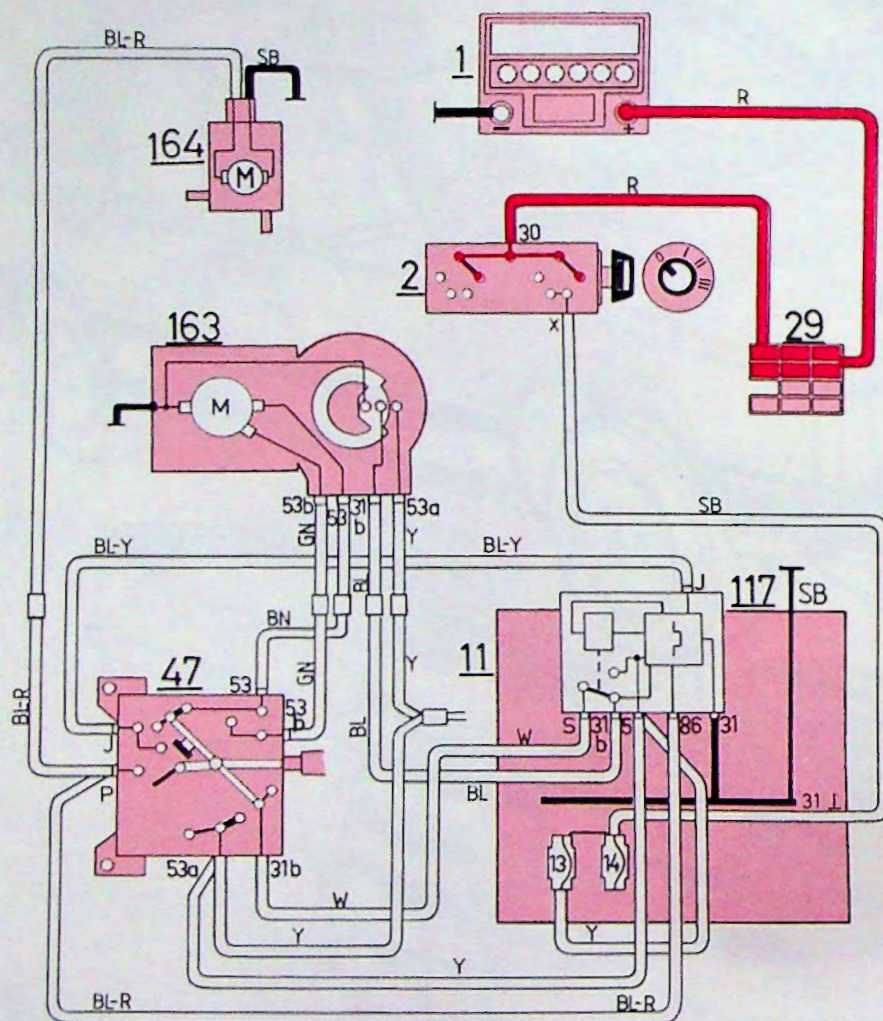
Claxons ingeschakeld



Claxons



Ruitwissers/-sproeiers

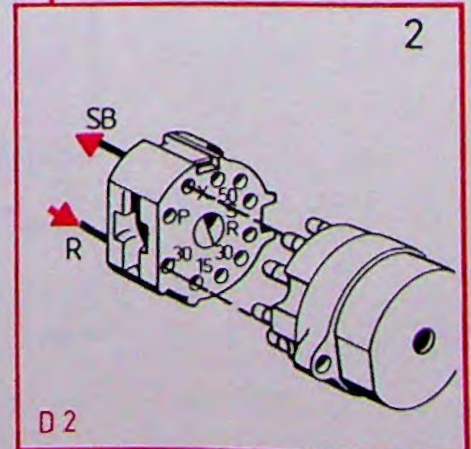
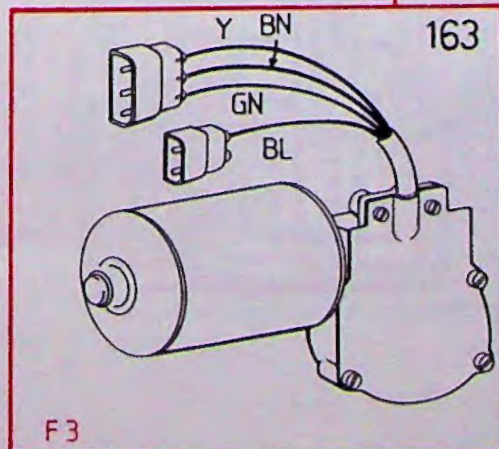
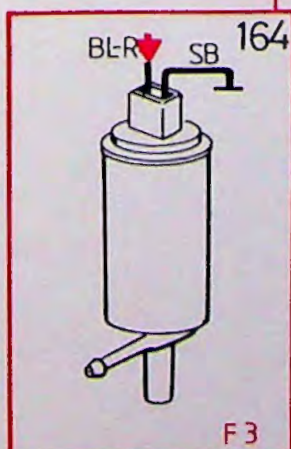
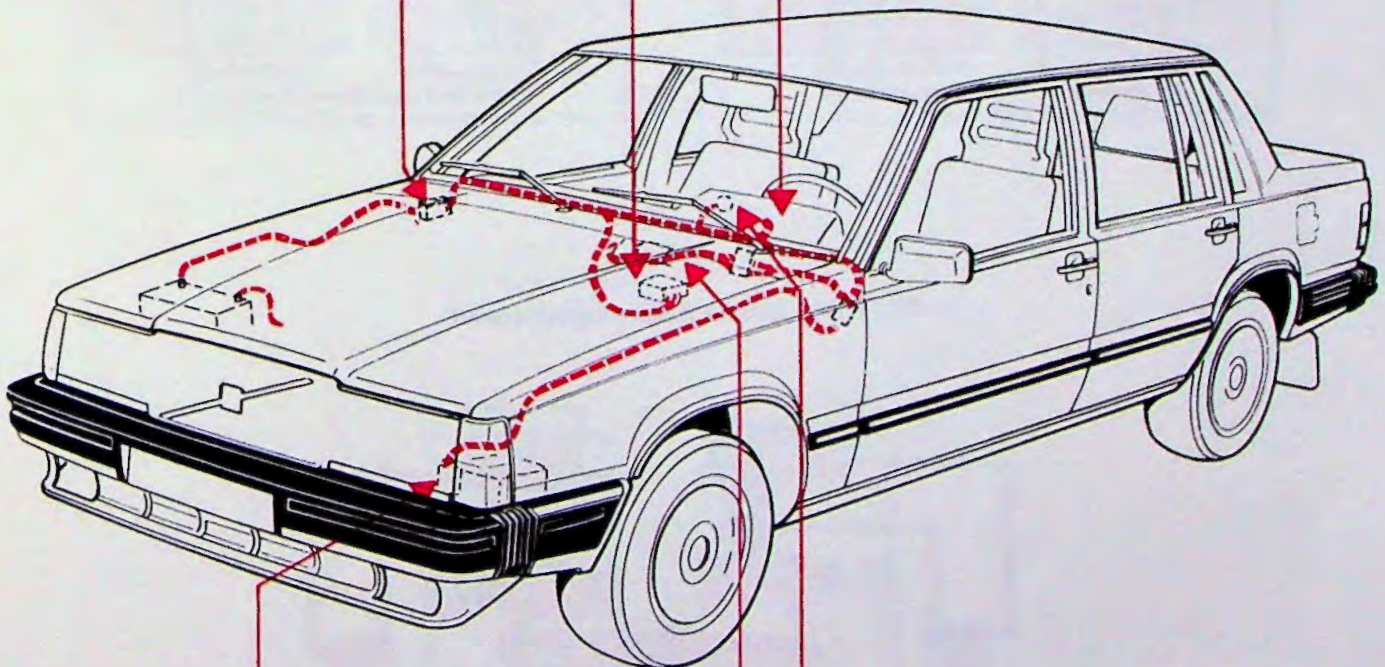
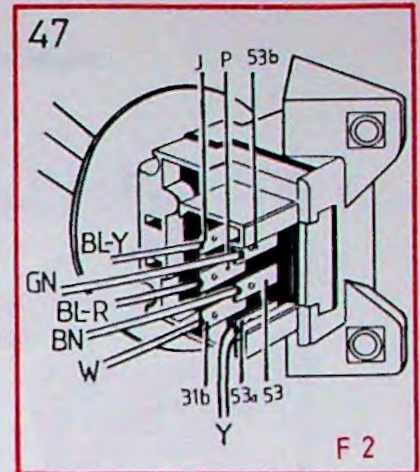
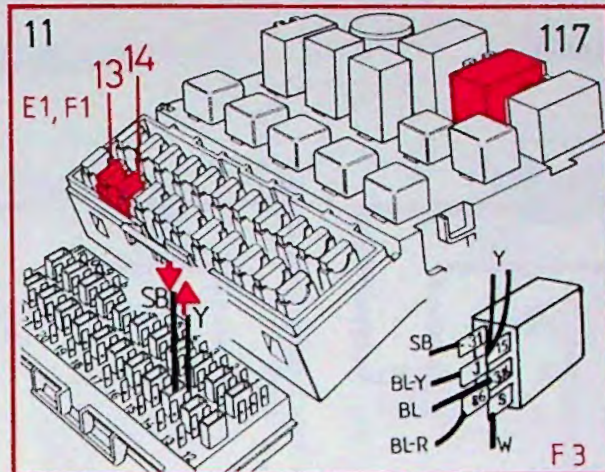
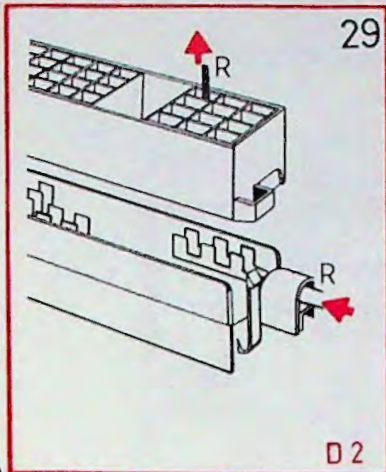


- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 47 Schakelaar, ruitwissers/-sproeiers
- 117 Intervalrelais
- 163 Ruitwissermotor
- 164 Sproeiermotor

Zekering nr 13
Claxons

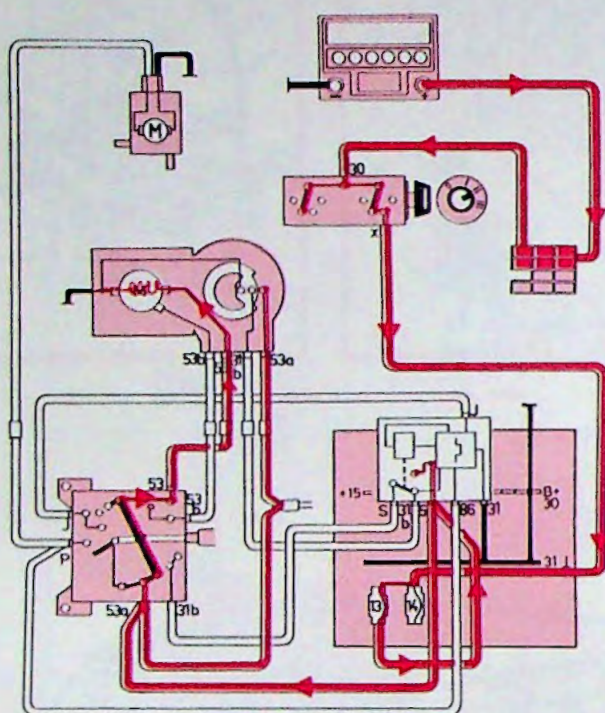
135240 V

Ruitwissers/-sproeiers

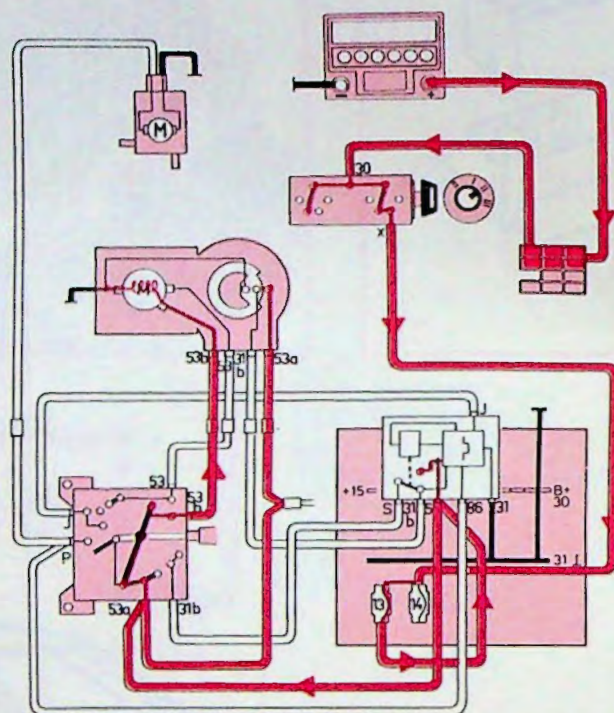


Ruitwissers/-sproeiers

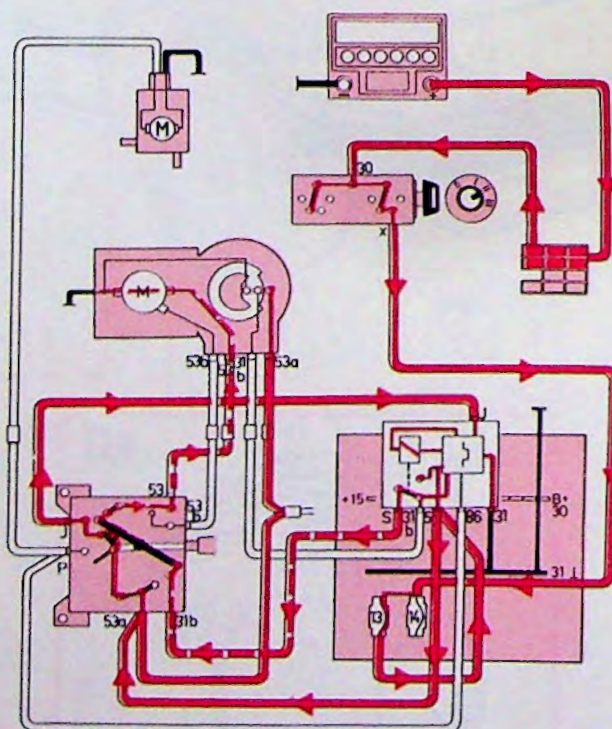
Snelheid 1



Snelheid 2



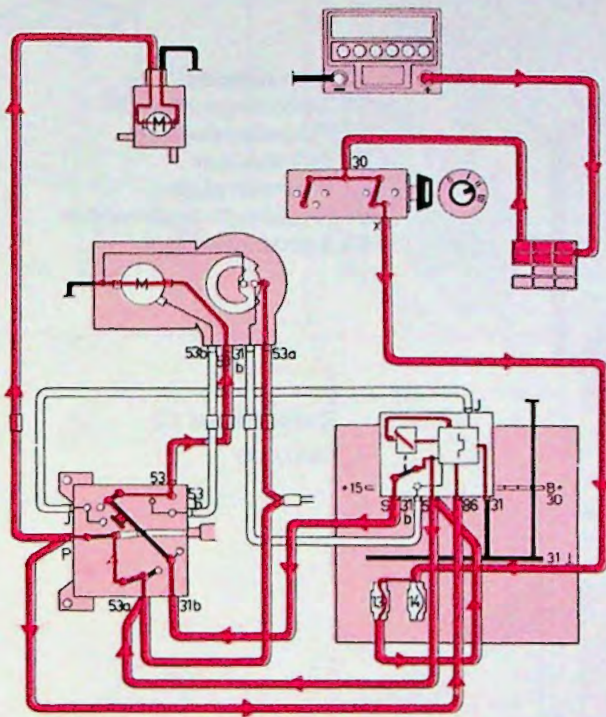
Intervalrelais ingeschakeld



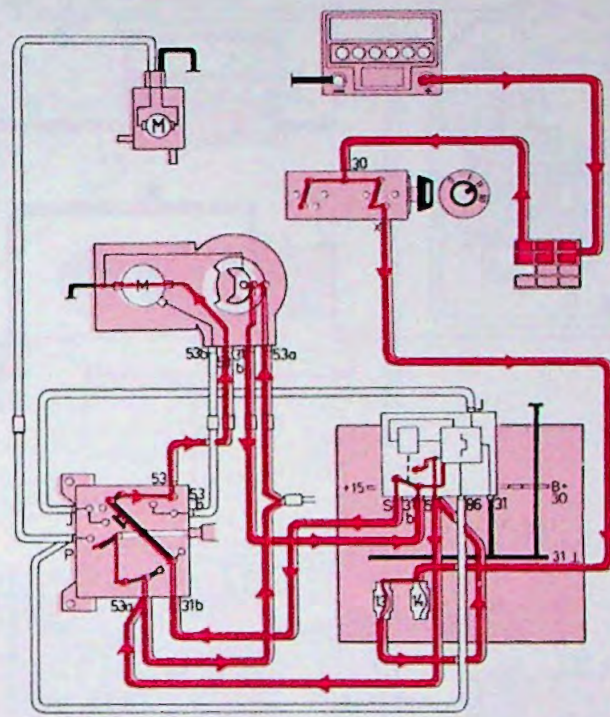
135241 V

Ruitwissers/-sproeiers

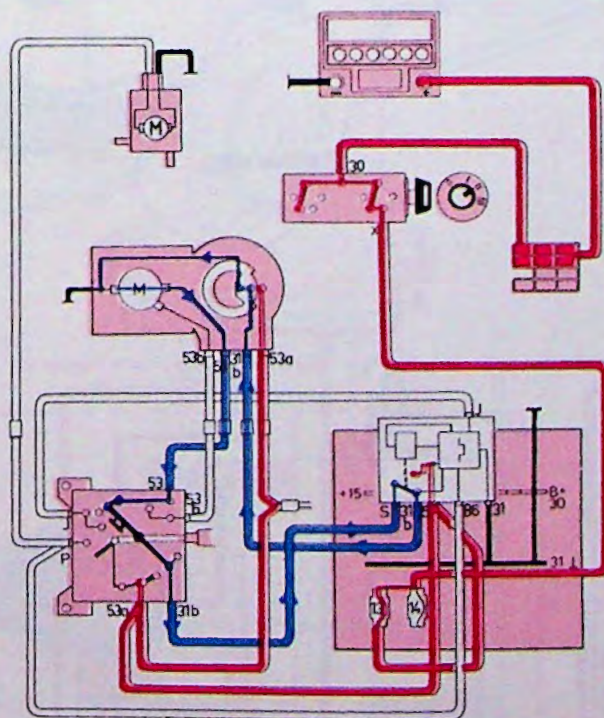
Sproeien en een paar wisserslagen



Retourslag

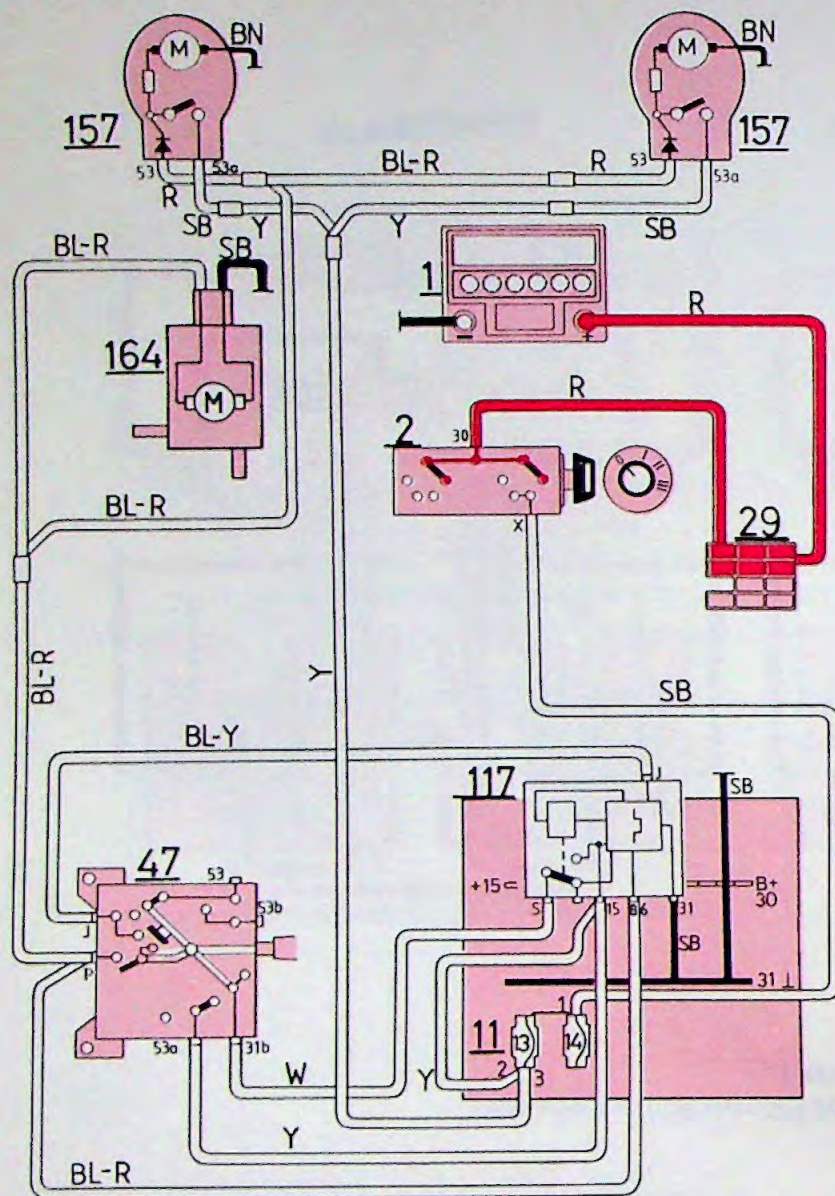


Retourstand
(circuit op het moment van afzetten)



135241 H

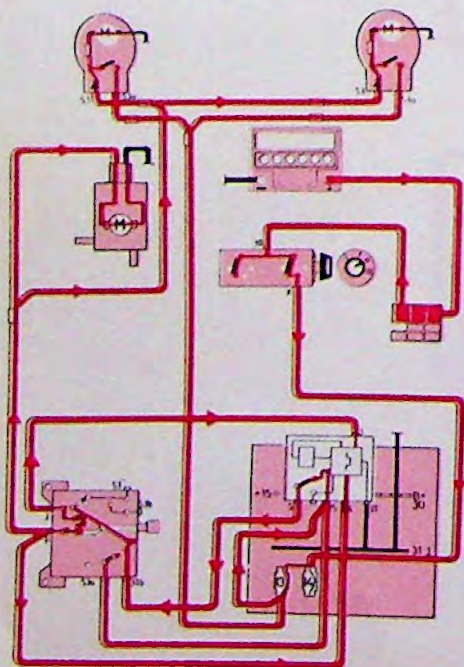
Koplampwissers/-sproeiers



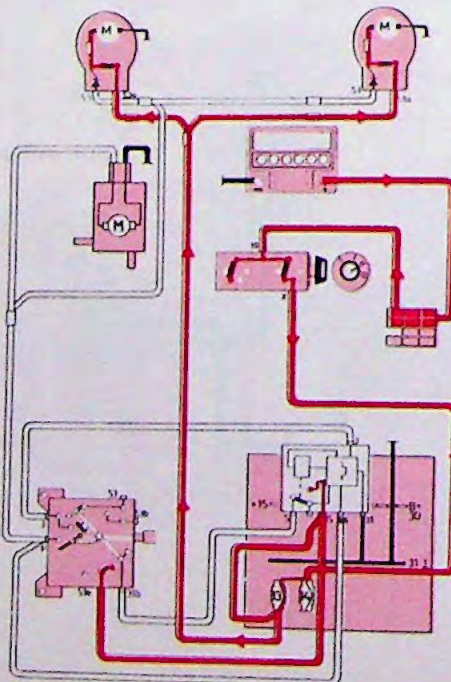
- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 47 Schakelaar
- 117 Intervalrelais
- 157 Koplampwissermotor
- 164 Sproei motor

Zekering nr 13
Claxons

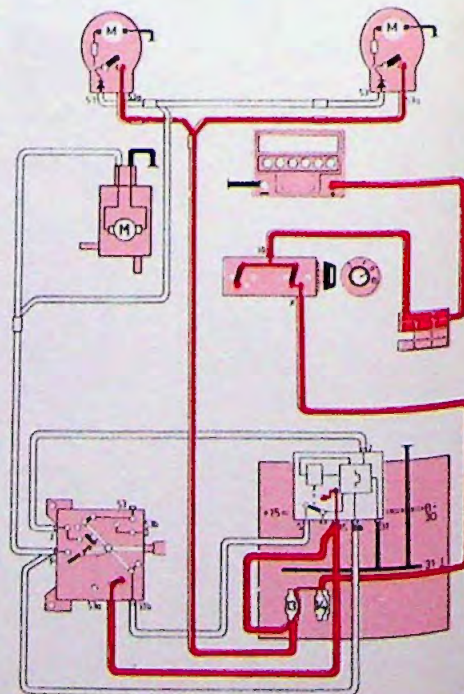
Koplampwissers en
-sproeiers ingeschakeld



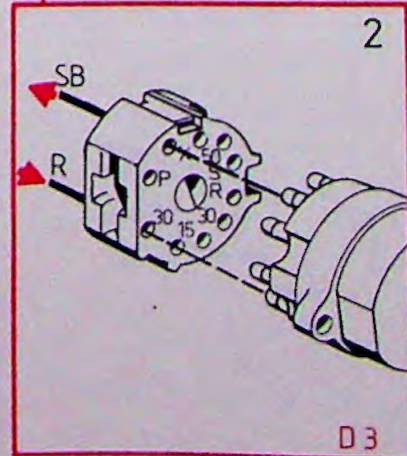
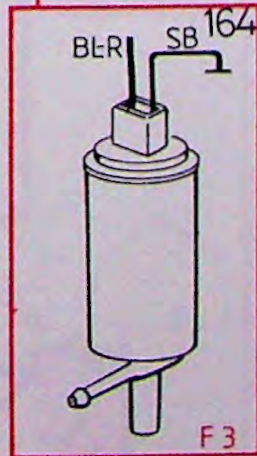
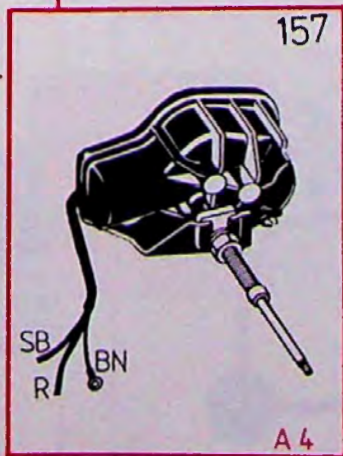
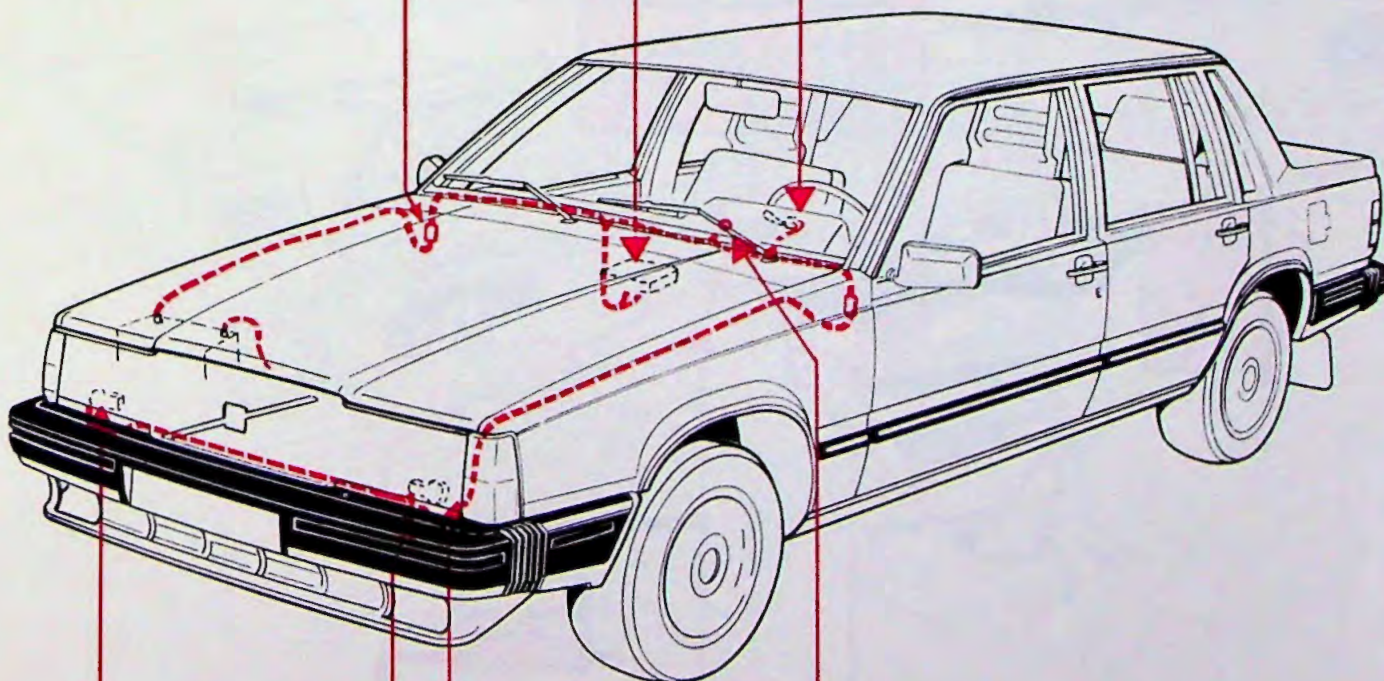
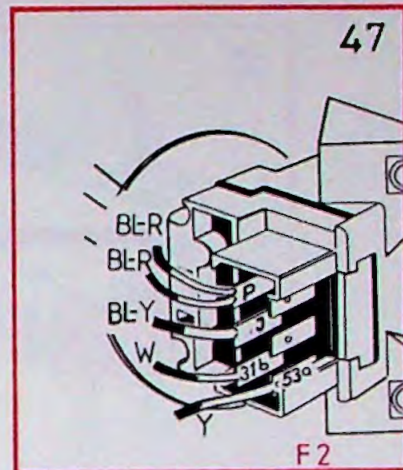
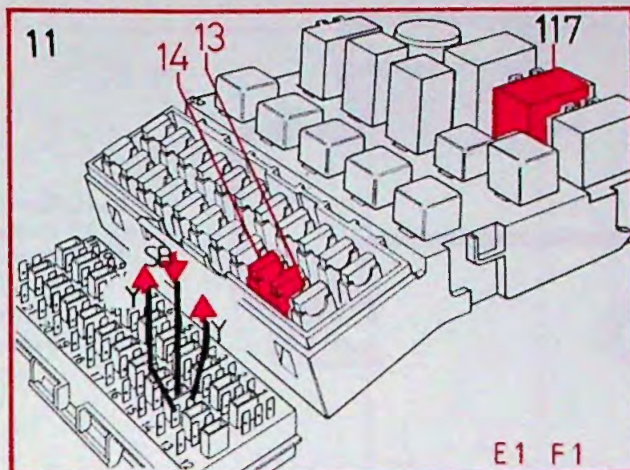
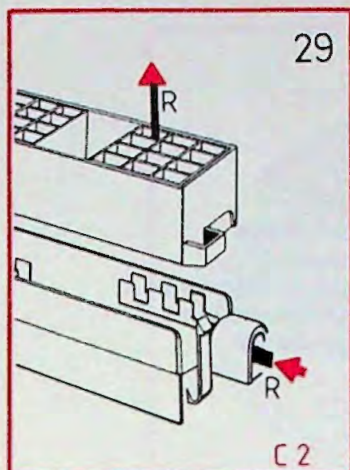
Retourslag



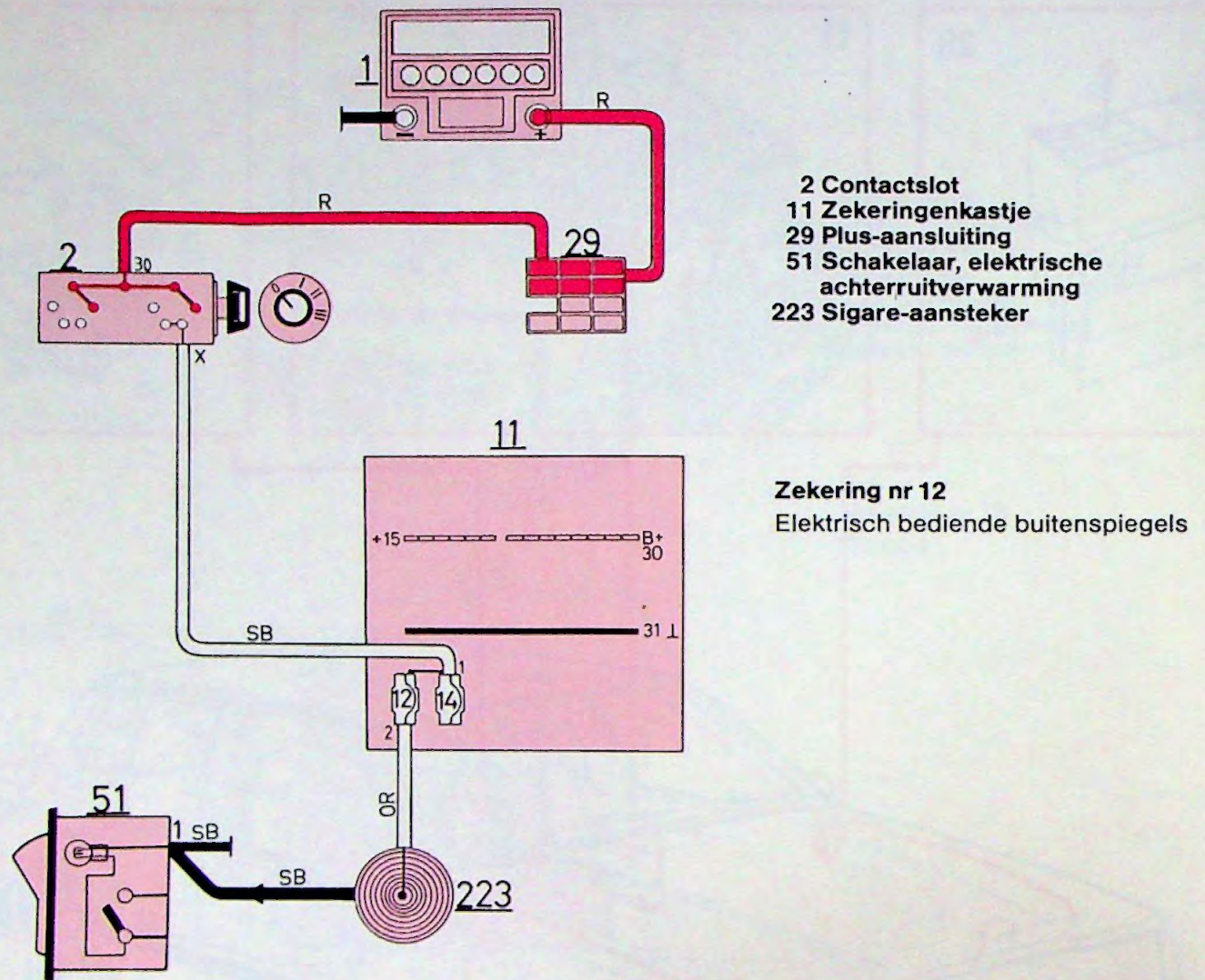
Retourstand



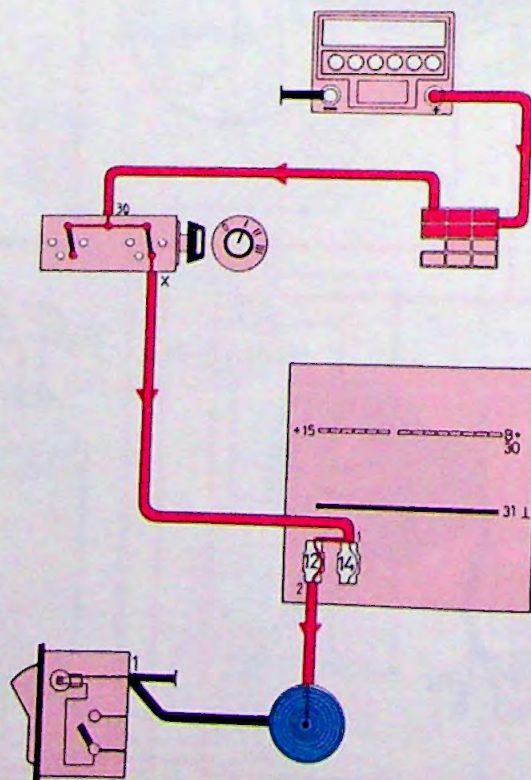
Koplampwissers/-sproeiers



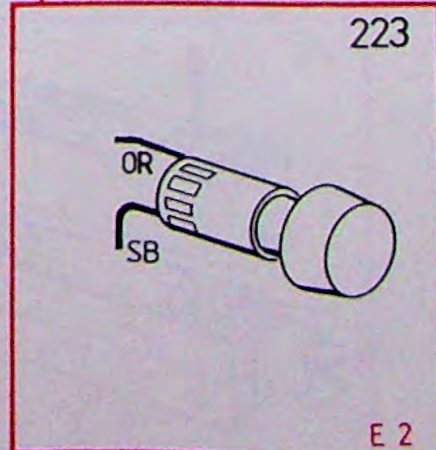
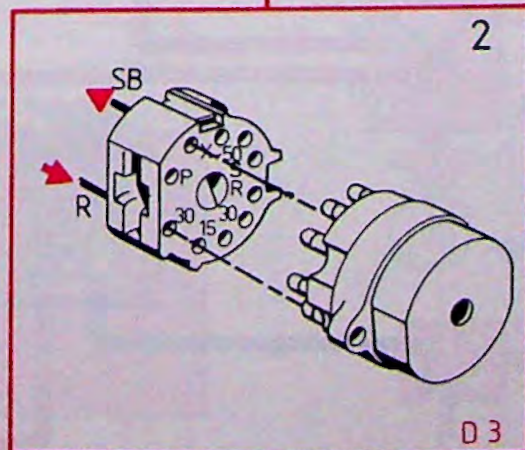
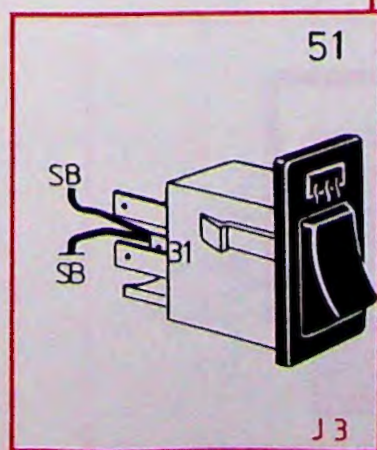
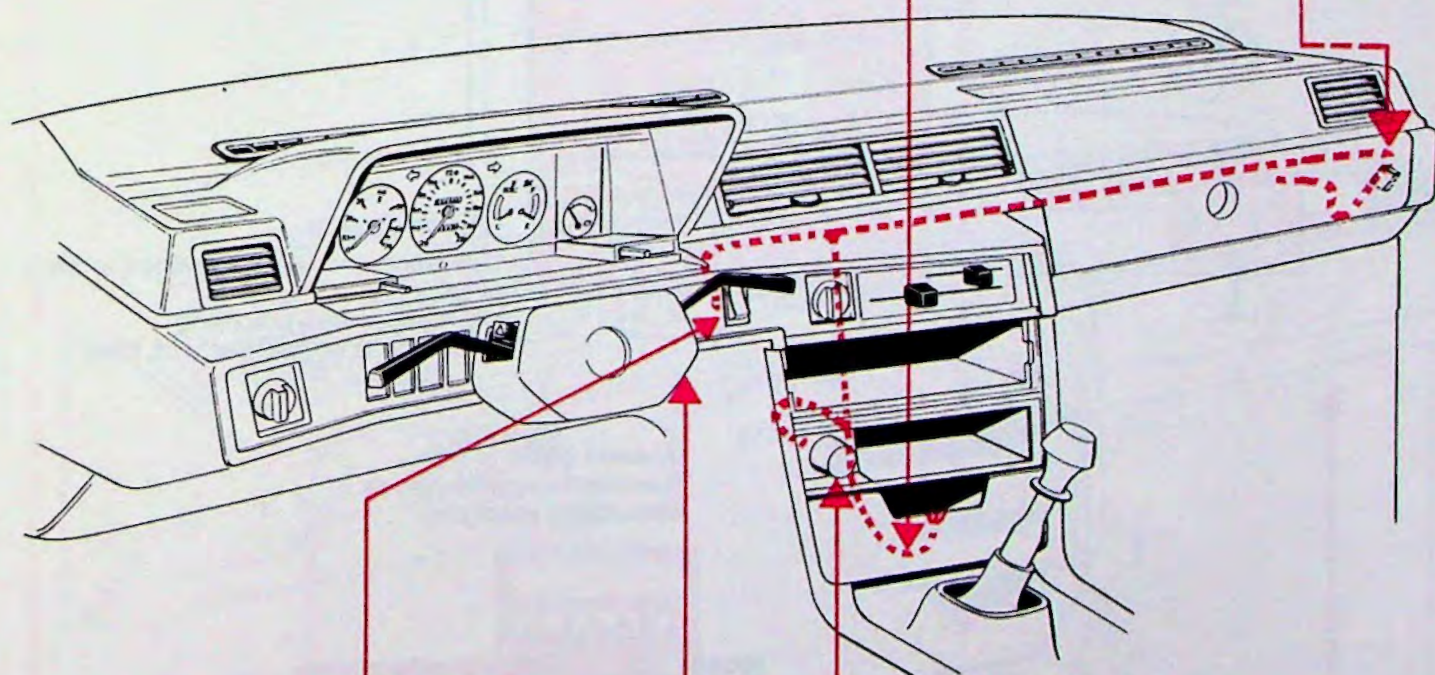
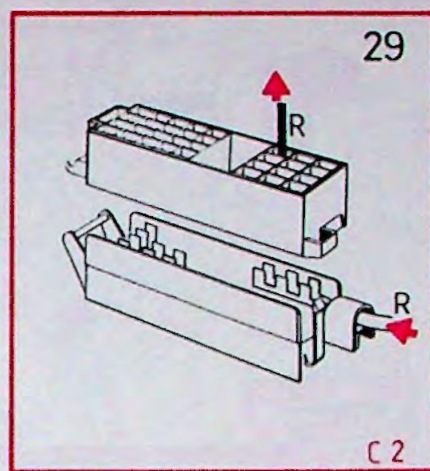
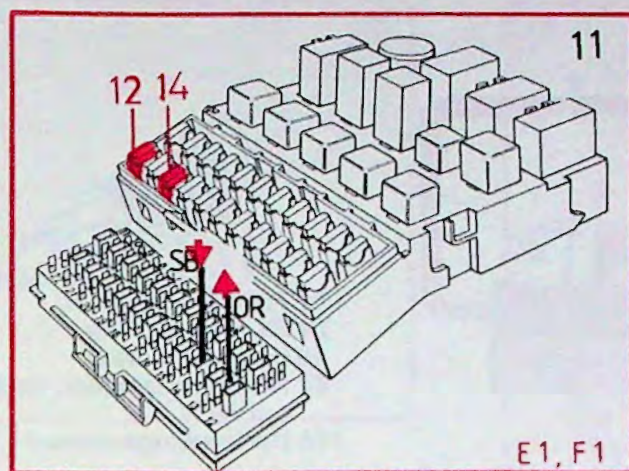
Sigare-aansteker



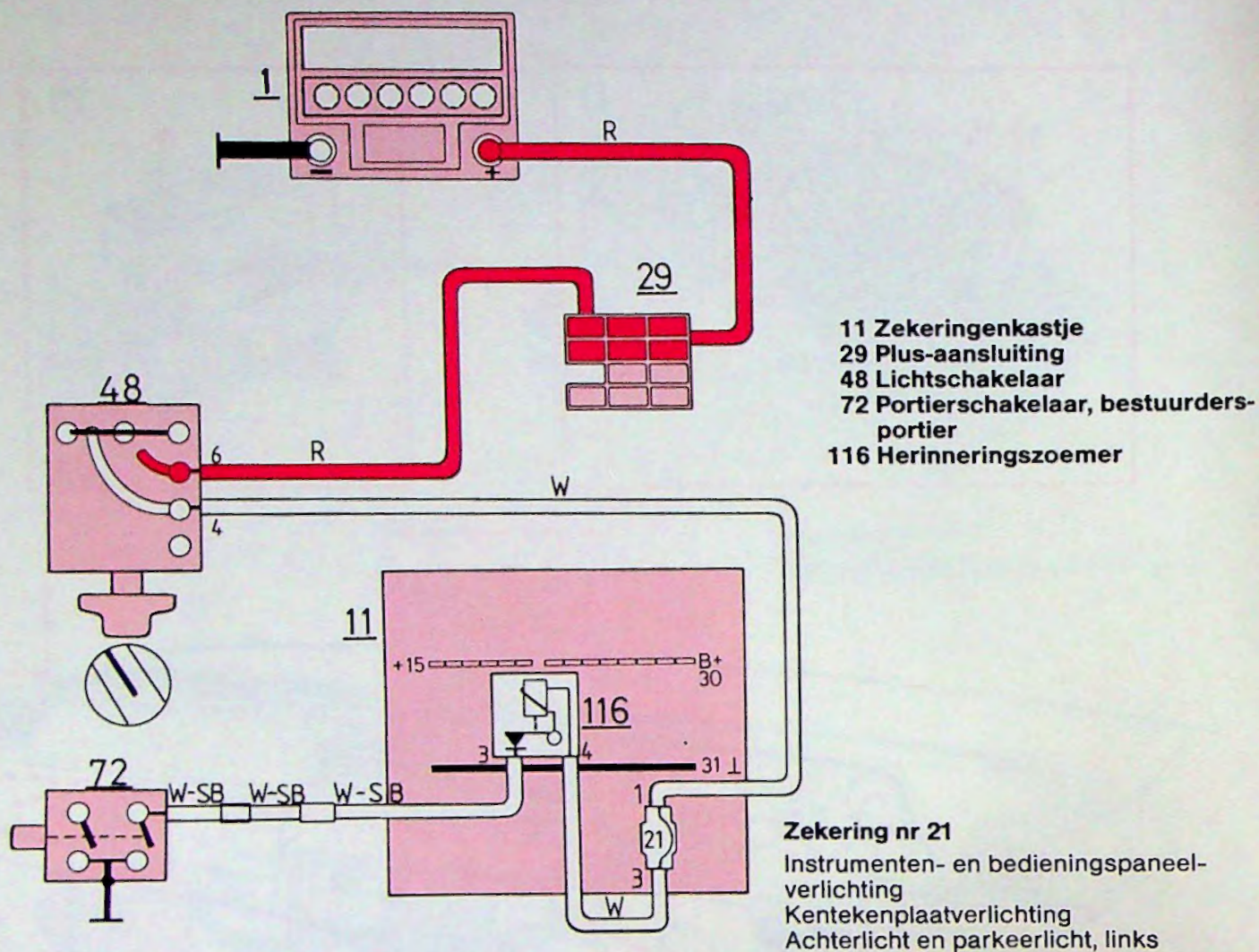
Sigare-aansteker ingeschakeld



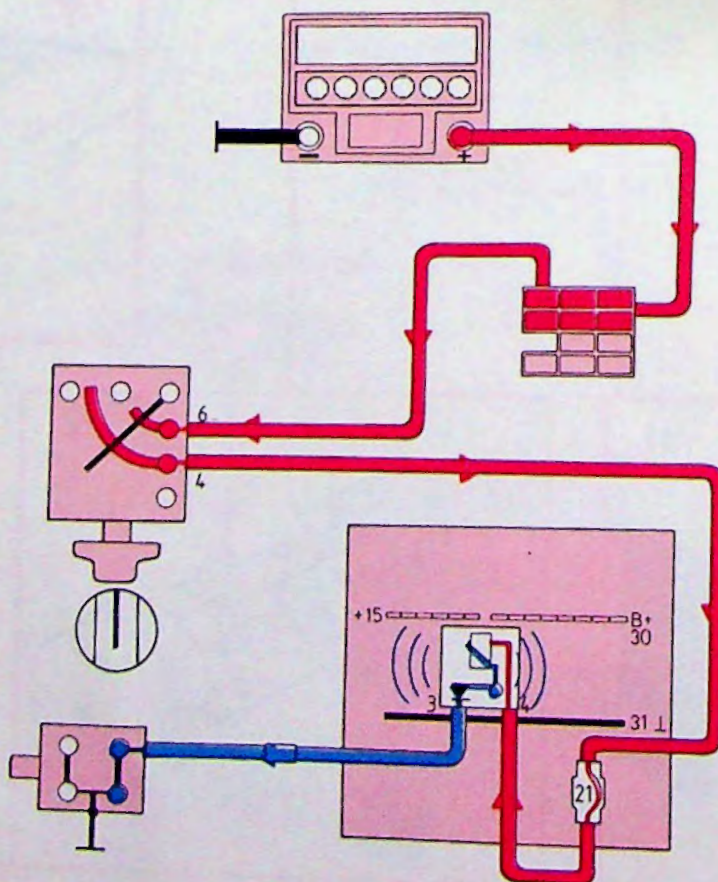
Sigare-aansteker



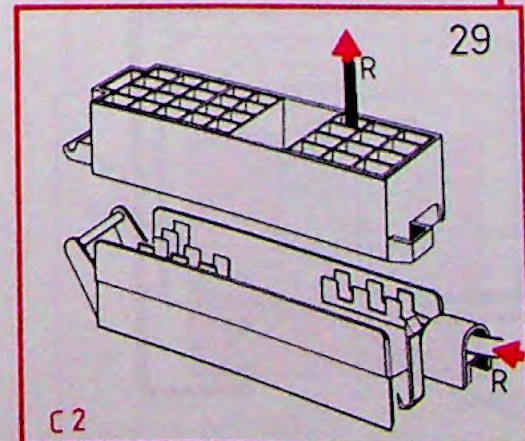
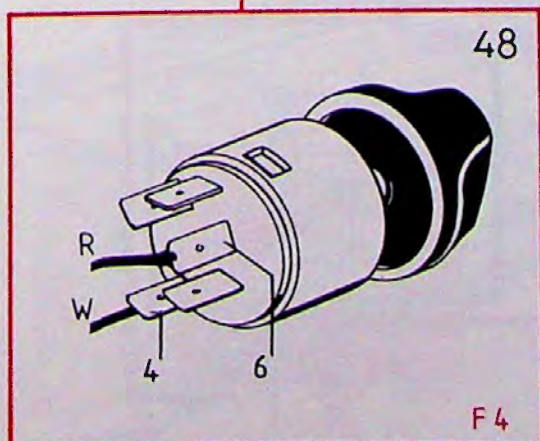
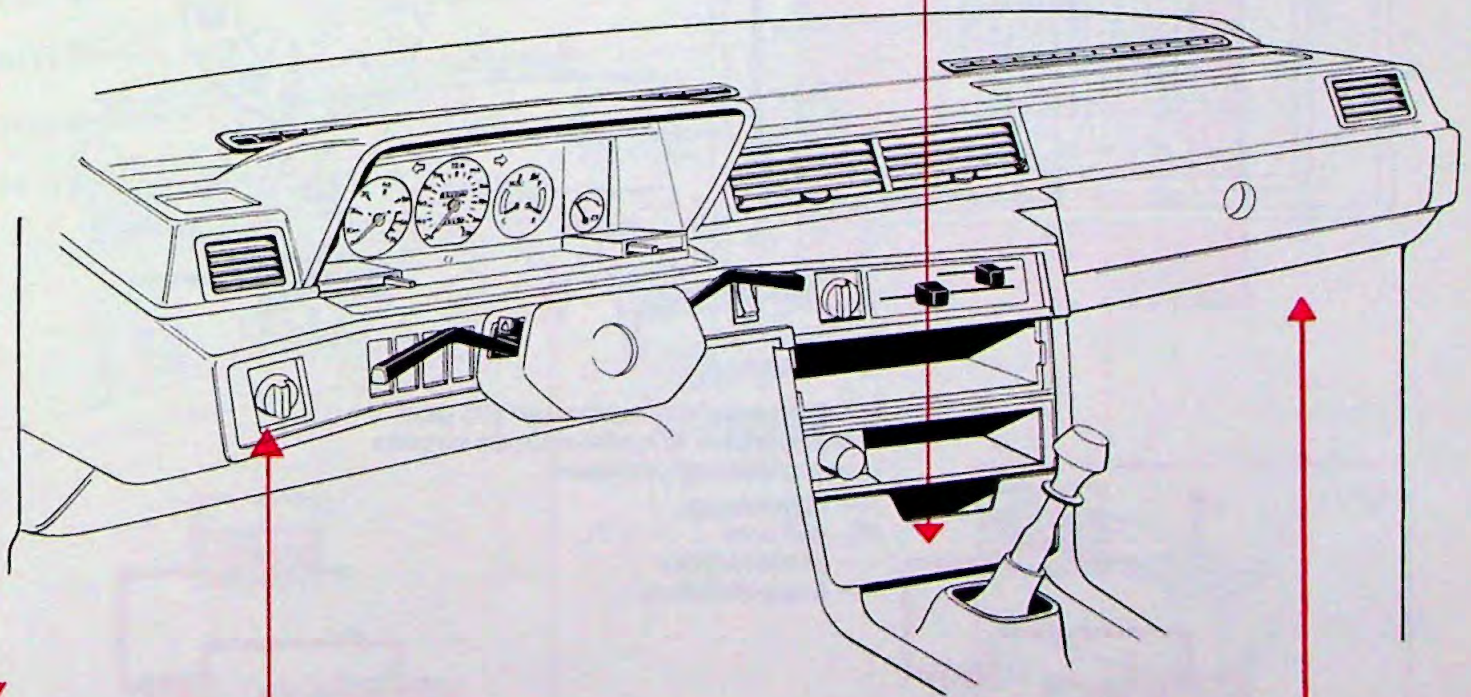
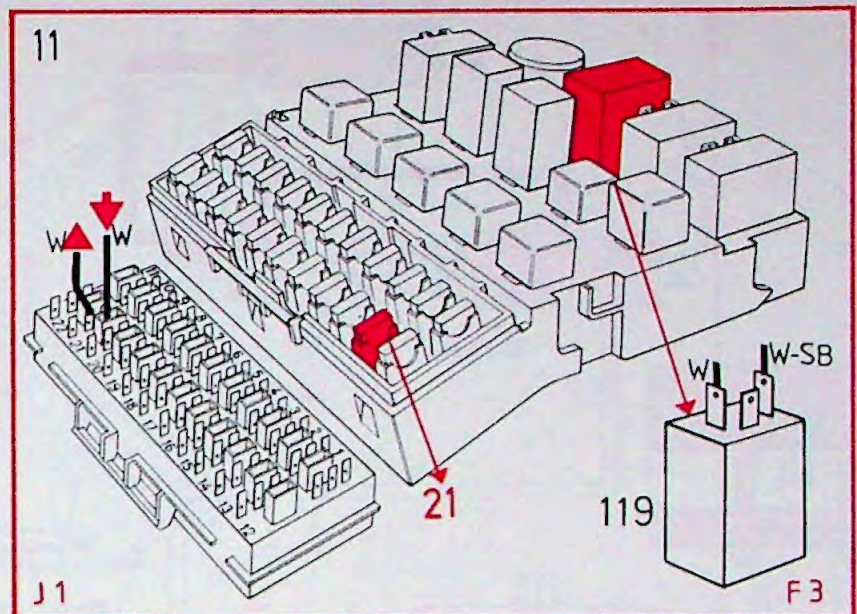
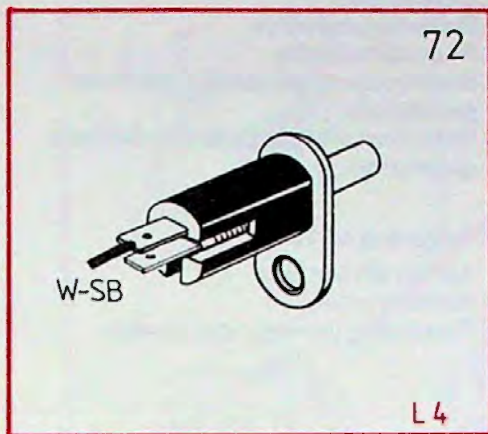
Herinneringszoemer, verlichting



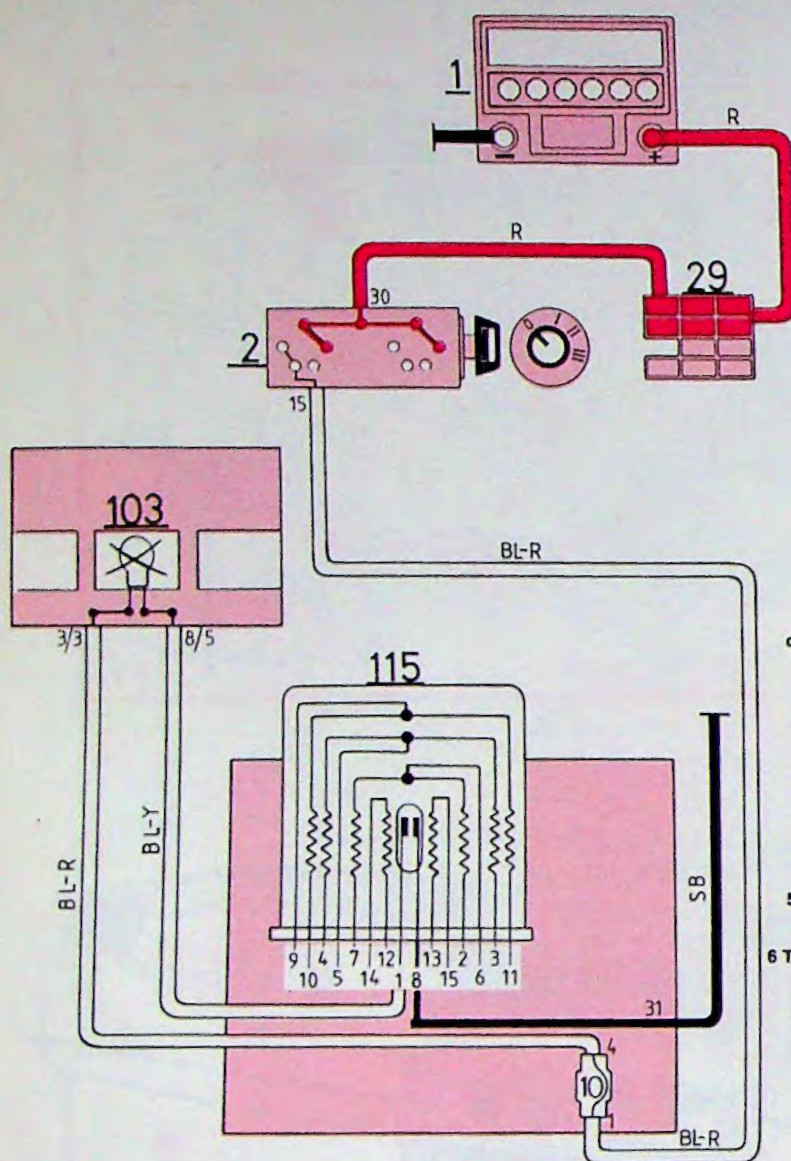
Zoemer gaat
Bestuurdersportier open
Verlichting staat aan



Herinneringszoemer, verlichting

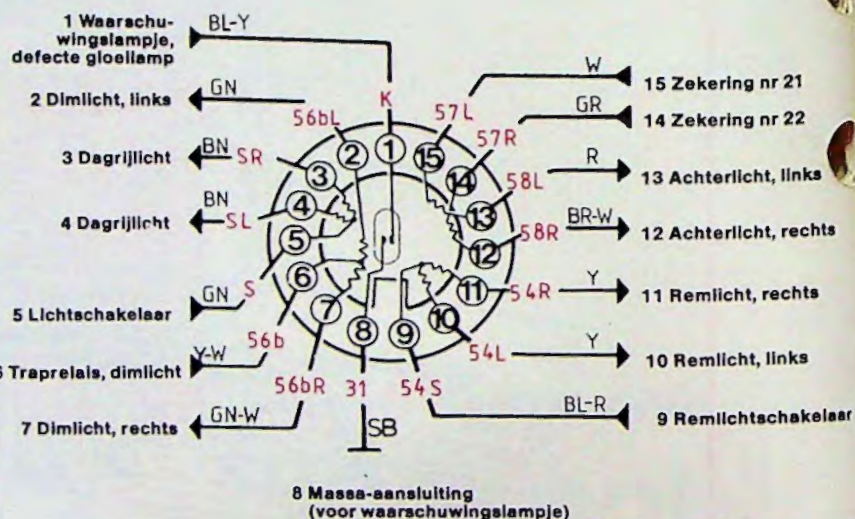


Waarschuwingssysteem, defecte gloeilamp



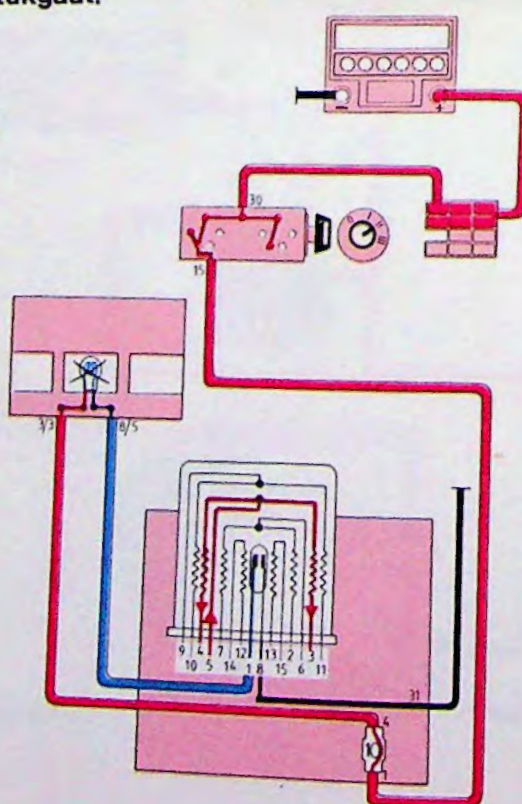
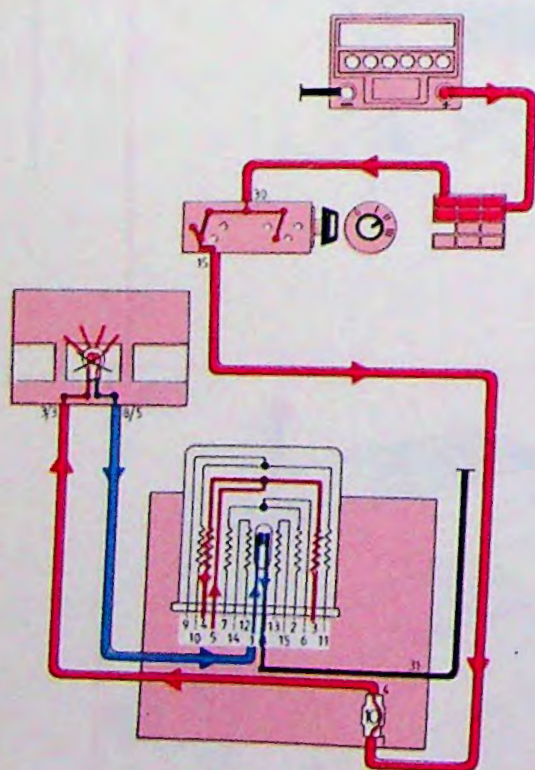
- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 103 Waarschuwingsslampje, defecte gloeilamp
- 115 Waarschuwingssysteem, defecte gloeilamp

Zekering nr 10
Achteruitrijlichten
Instrumenten
Elektrisch verwarmde stoelen

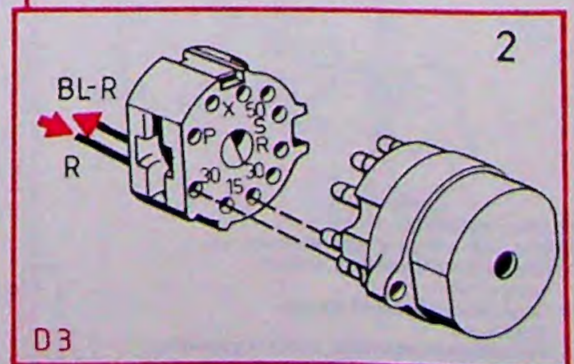
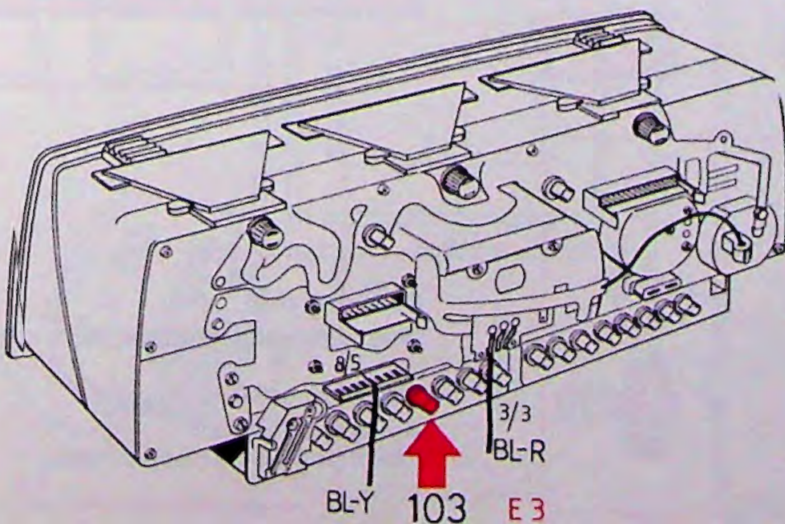
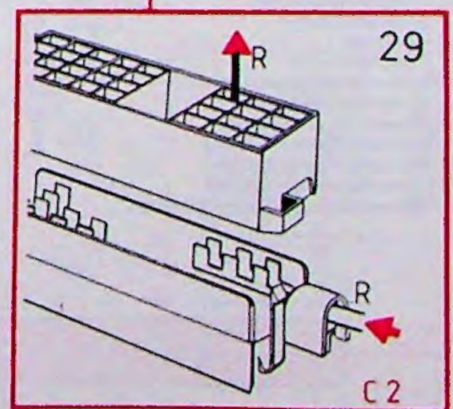
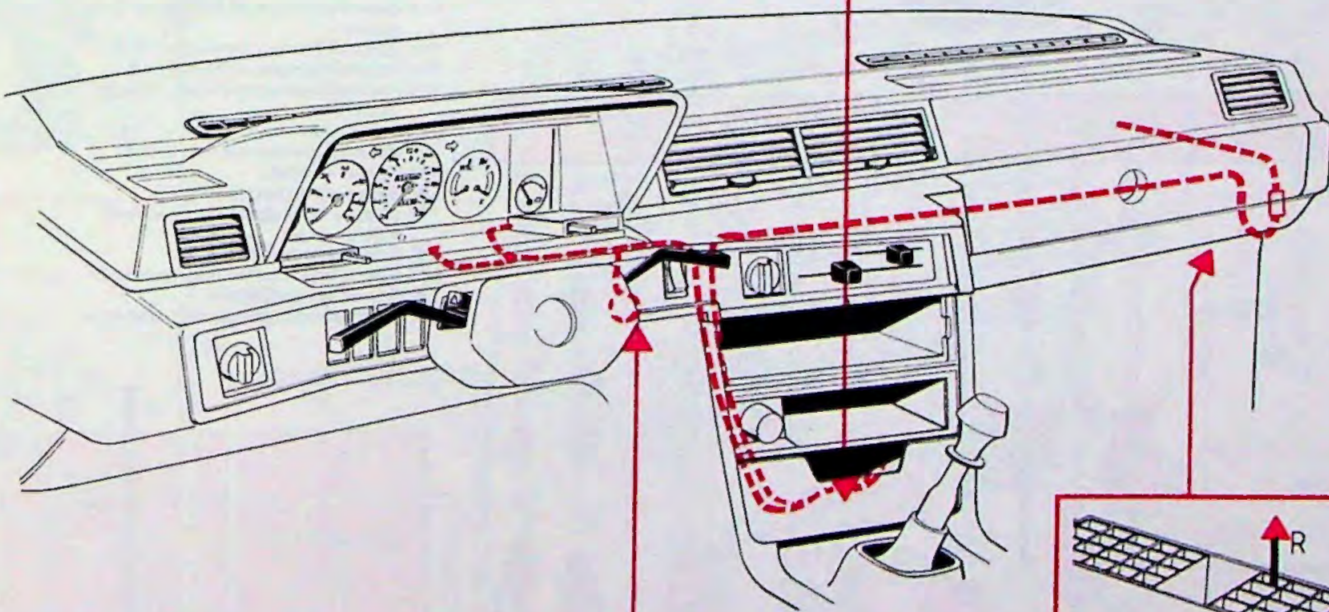
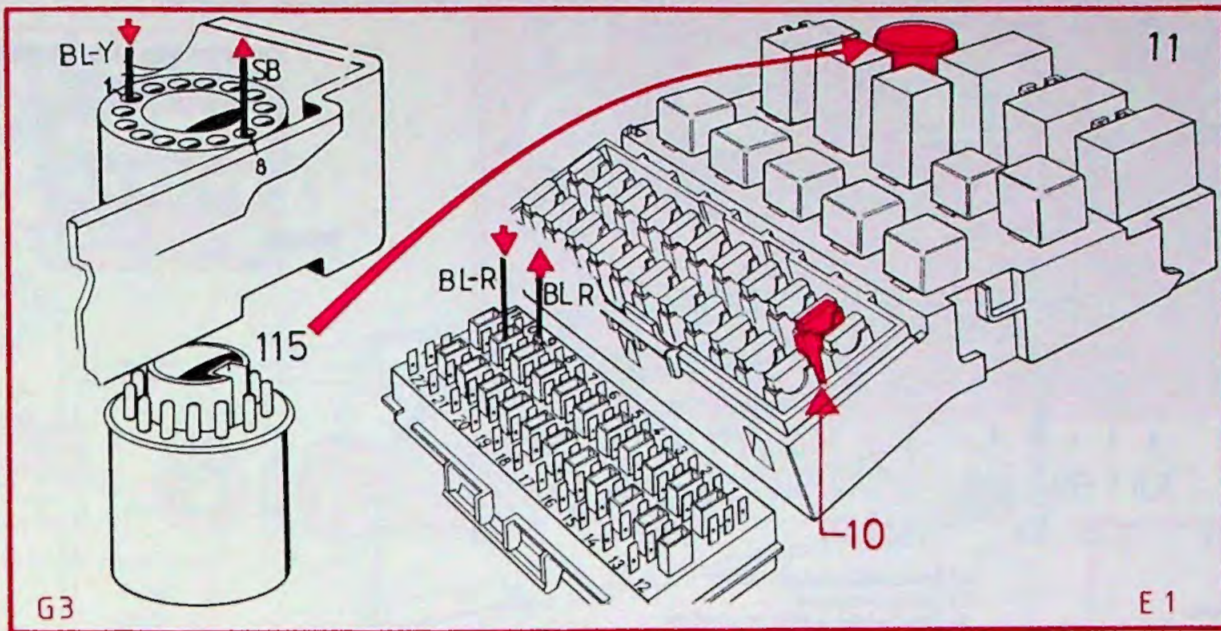


Het waarschuwingsslampje 103 gaat branden, als in onderstaande circuits een gloeilamp stukgaat:

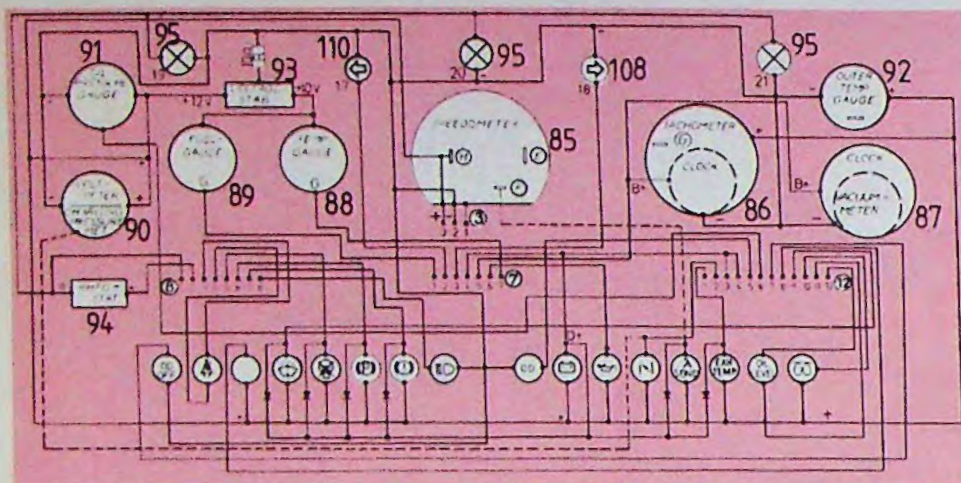
- remlichten
- dimlicht
- achterlichten
- (dagrijlichten)



Waarschuwingssysteem, defecte gloeilamp



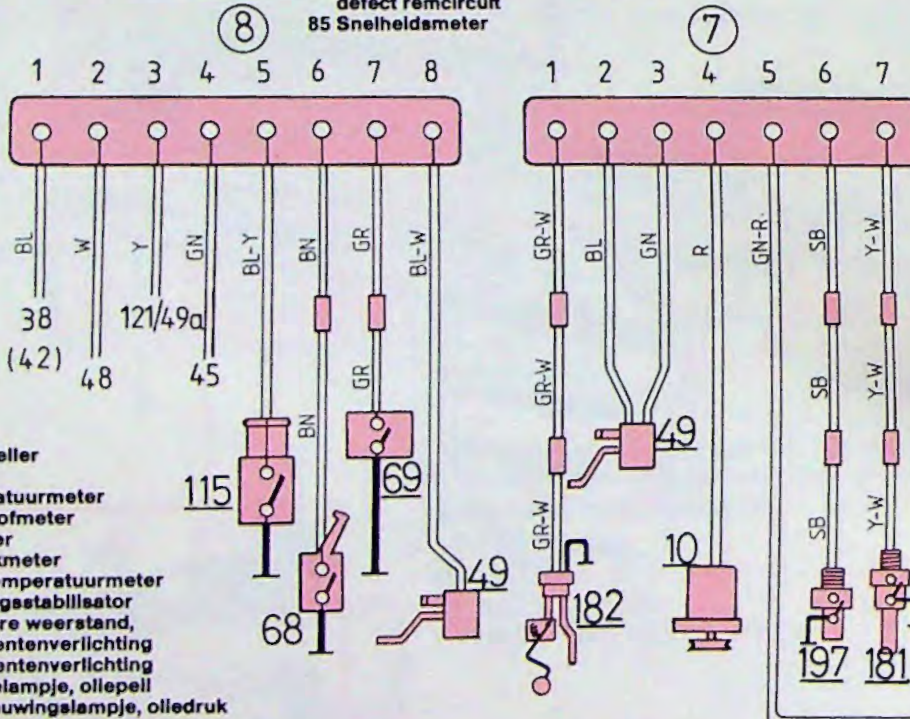
Instrumentenpaneel



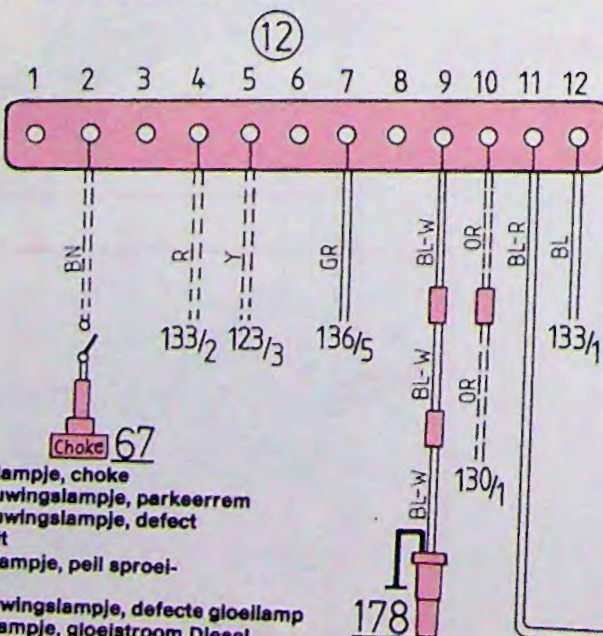
106 101 99 109 105 98 104
113 103 100 112 97 96

- 2 Contactslot
- 10 Dynamo
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 32 Handschoenenkastje, verlichting
- 38 Bedieningspaneelverlichting
- (42) Kachelbediening, verlichting

- 45 Snelsluiting autogordels
- 48 Lichtschakelaar
- 49 Schakelaar, groot- en dimlicht
richtingaanwijzers
- 67 Chokeschakelaar
- 68 Parkeerremschakelaar
- 69 Schakelaar waarschuwingssysteem
defect remcircuit
- 85 Snelheidsmeter



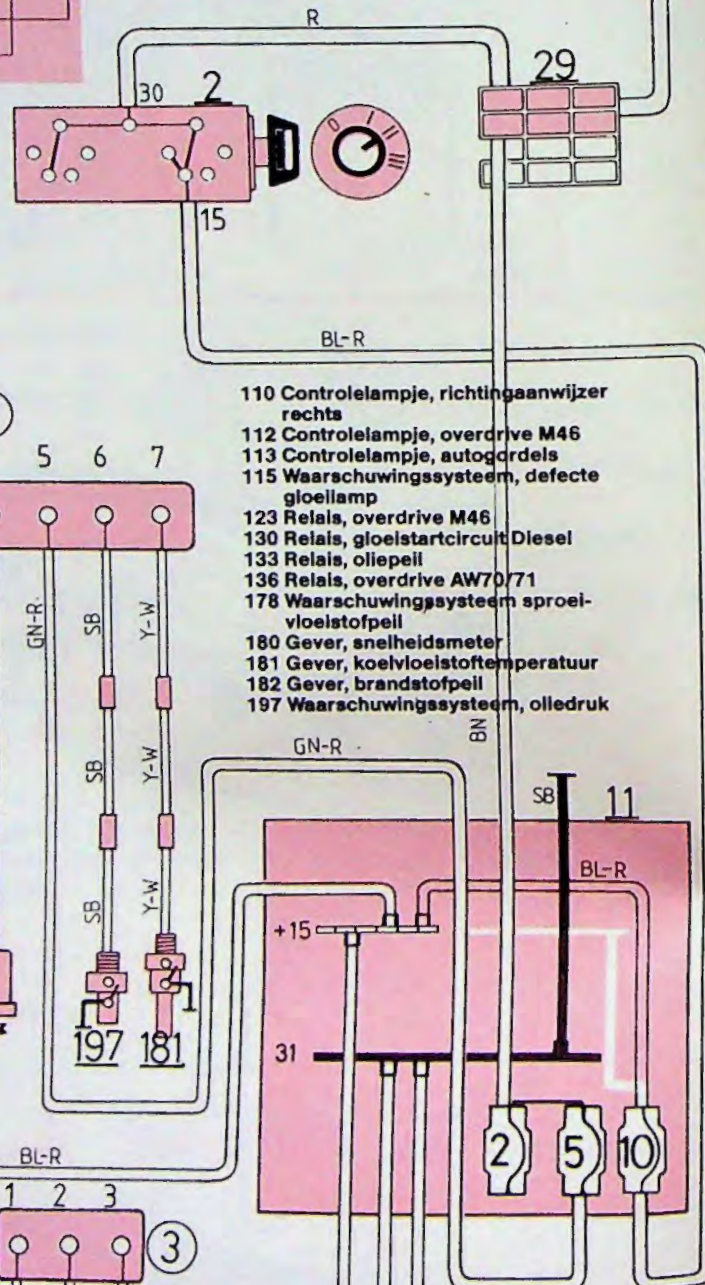
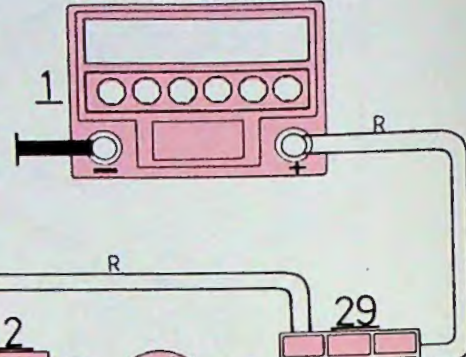
- 86 Toerenteller
- 87 Klokje
- 88 Temperatuurmeter
- 89 Brandstofmeter
- 90 Voltmeter
- 91 Oliedrukmeter
- 92 Buitentemperatuurmeter
- 93 Spanningsstabilisator
- 94 Regelbare weerstand,
instrumentenverlichting
- 95 Instrumentenverlichting
- 96 Controlelampje, oliepeil
- 97 Waarschuwinglampje, oliedruk



- 98 Controlelampje, choke
- 99 Waarschuwinglampje, parkeerrem
- 100 Waarschuwinglampje, defect
remcircuit
- 101 Controlelampje, peil sproei-
vloeistof
- 103 Waarschuwinglampje, defecte gloeilamp
- 104 Controlelampje, gloeiroom Diesel

- 105 Waarschuwinglampje, laadstroom
- 106 Controlelampje, overdrive AW70/71
- 108 Controlelampje, richtingaanwijzer
links
- 109 Controlelampje, grootlicht

Ontsteking staat aan bij
stilstaande motor.

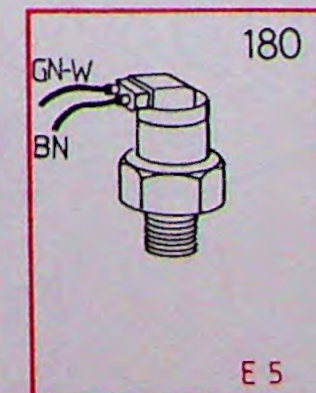
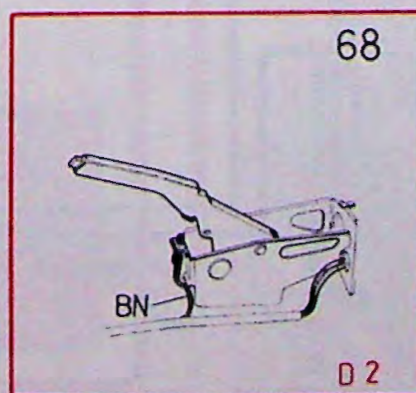
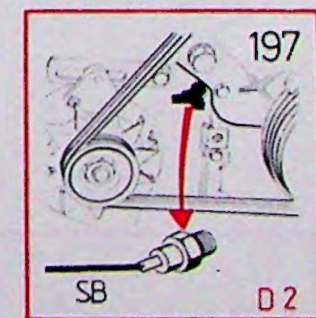
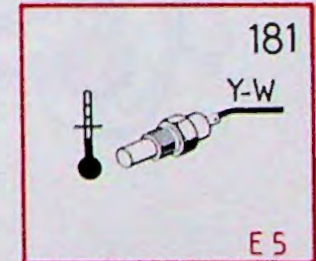
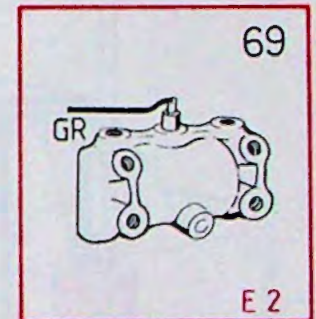
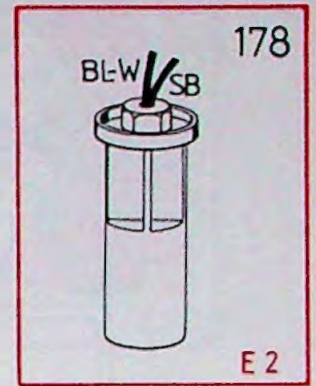
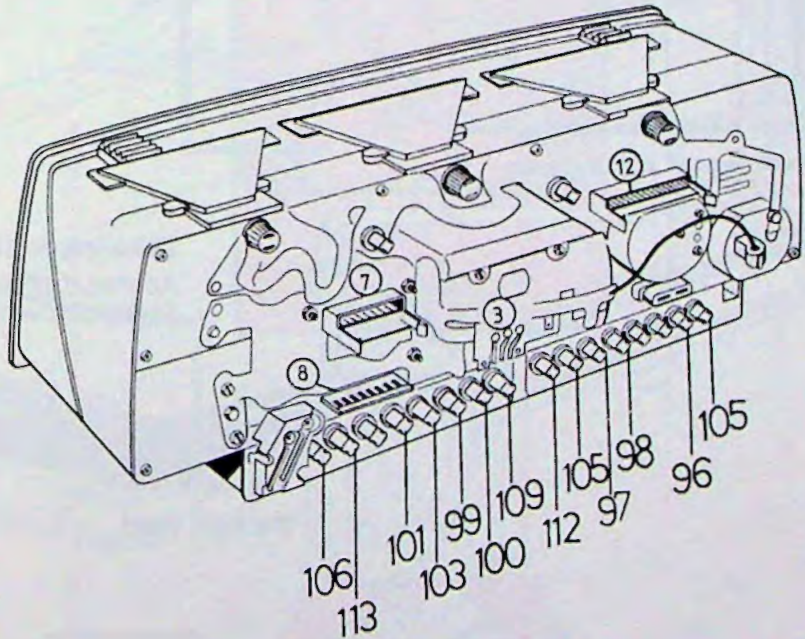
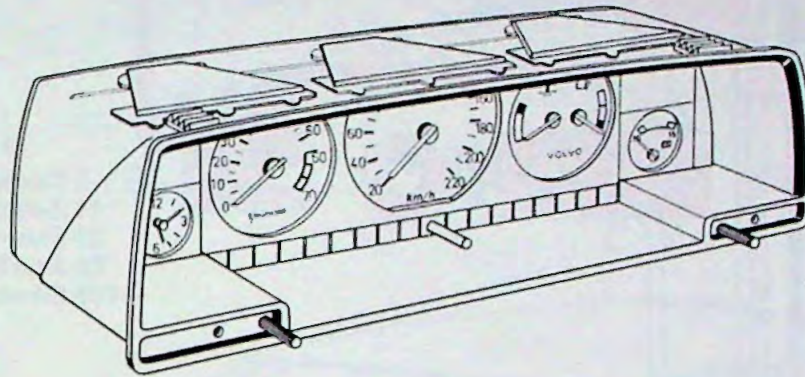
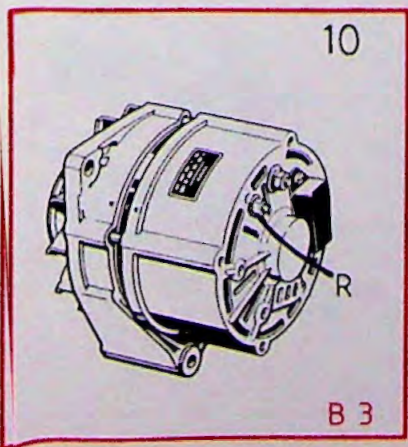
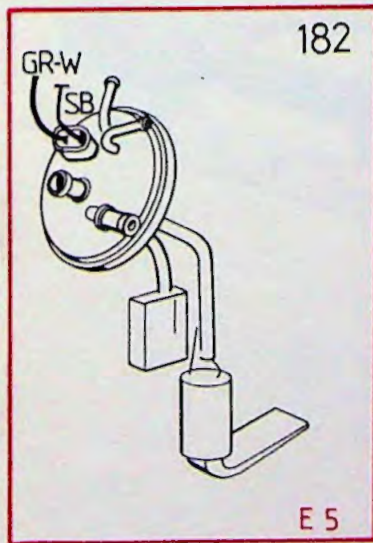
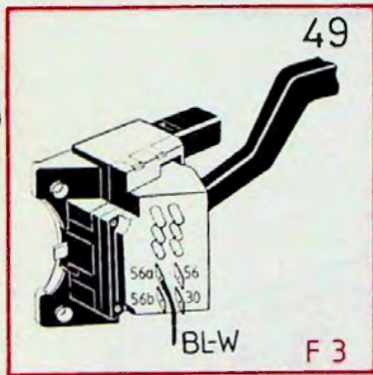
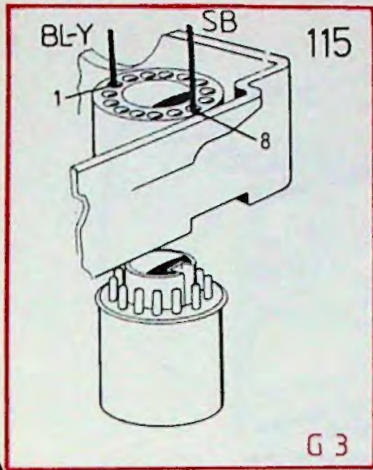


- 110 Controlelampje, richtingaanwijzer
rechts
- 112 Controlelampje, overdrive M46
- 113 Controlelampje, autogordels
- 115 Waarschuwingssysteem, defecte
gloeilamp
- 123 Relais, overdrive M46
- 130 Relais, gloei-startcircuit Diesel
- 133 Relais, oliepeil
- 136 Relais, overdrive AW70/71
- 178 Waarschuwingssysteem sproei-
vloeistofpeil
- 180 Gever, snelheidsmeter
- 181 Gever, koelvloeistoftemperatuur
- 182 Gever, brandstofpeil
- 197 Waarschuwingssysteem, oliedruk

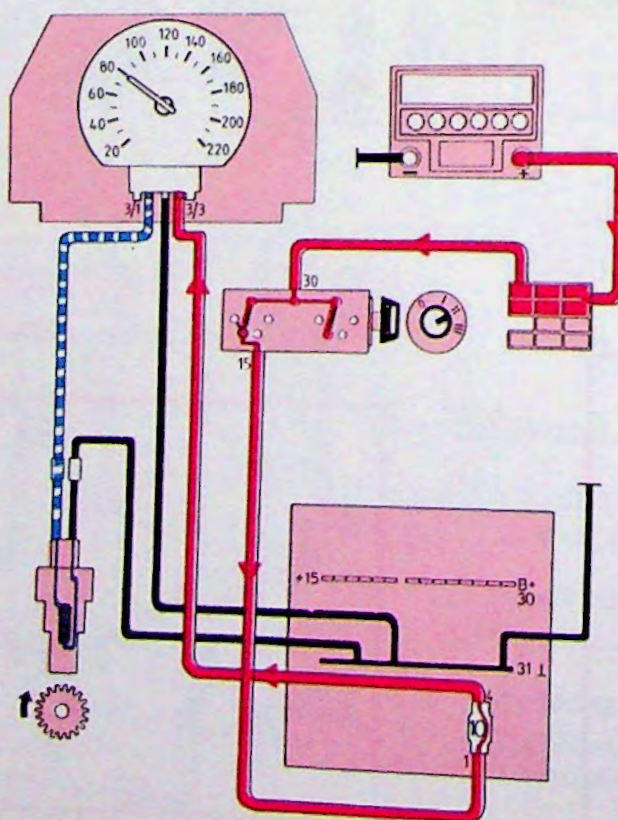
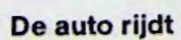
Zekering nr 5
Waarschuwinglampen, portieren

Zekering nr 10
Achteruitrijlichten
Elektrisch verwarmde stoelen

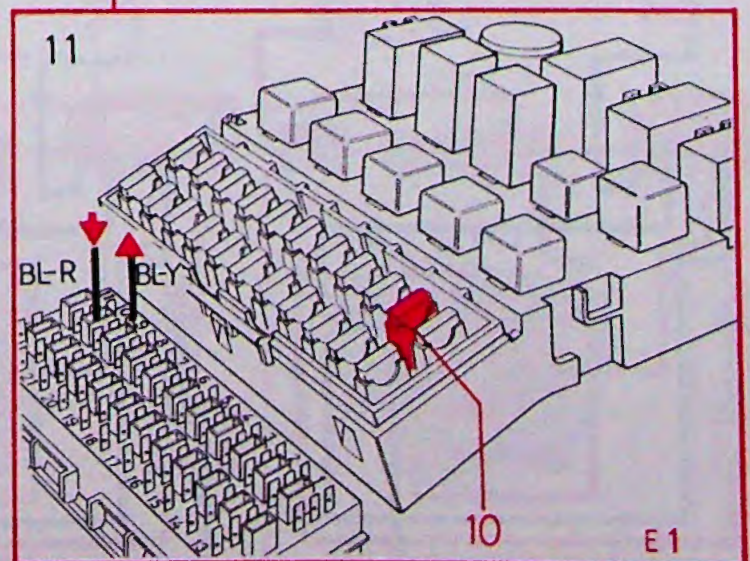
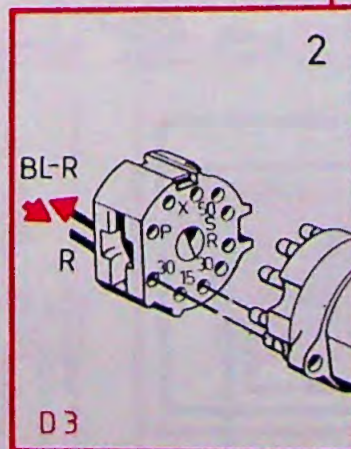
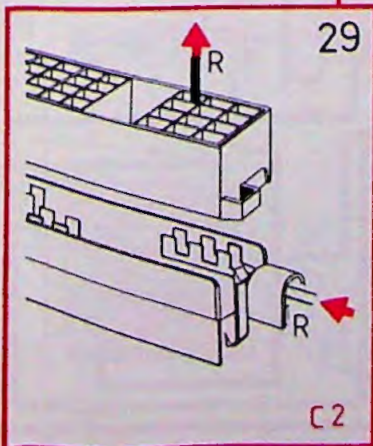
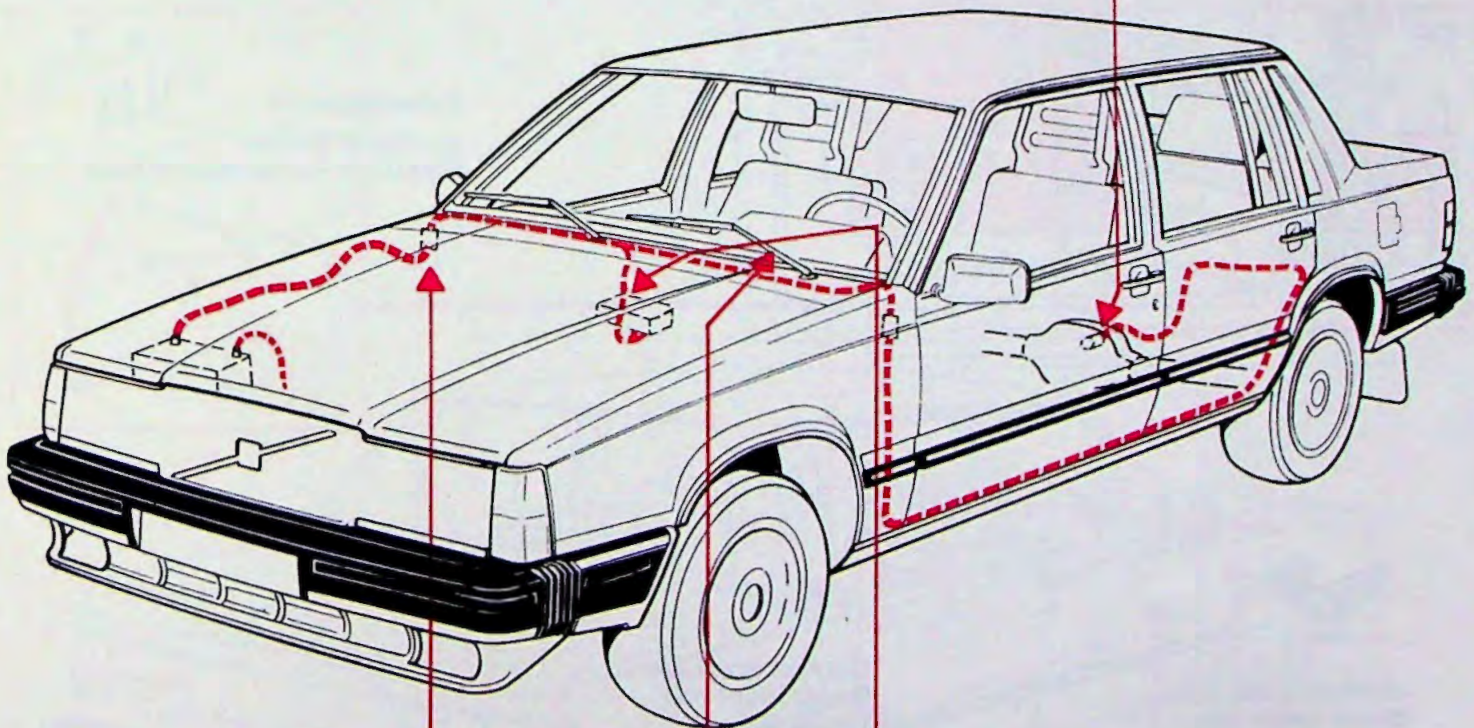
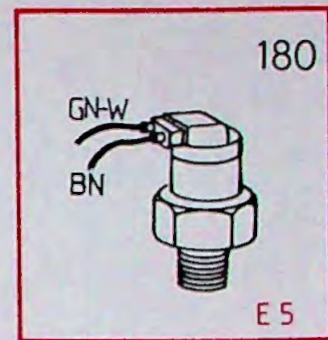
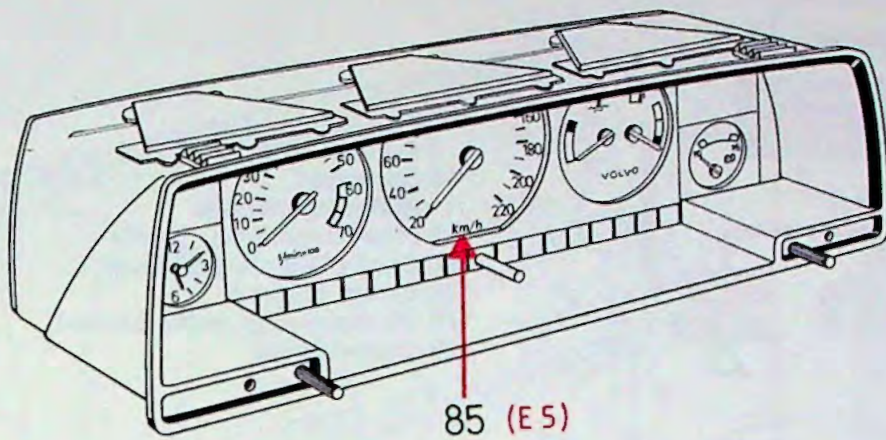
Instrumentenpaneel



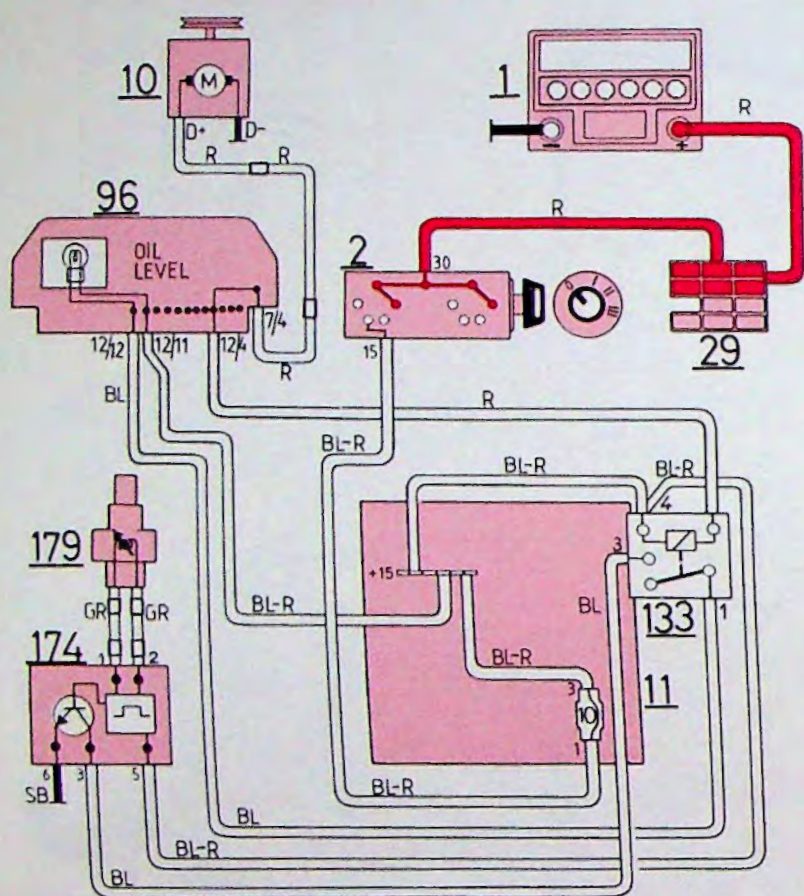
62



Snelheidsmeter — kilometerteller



Waarschuwingssysteem, oliepeil



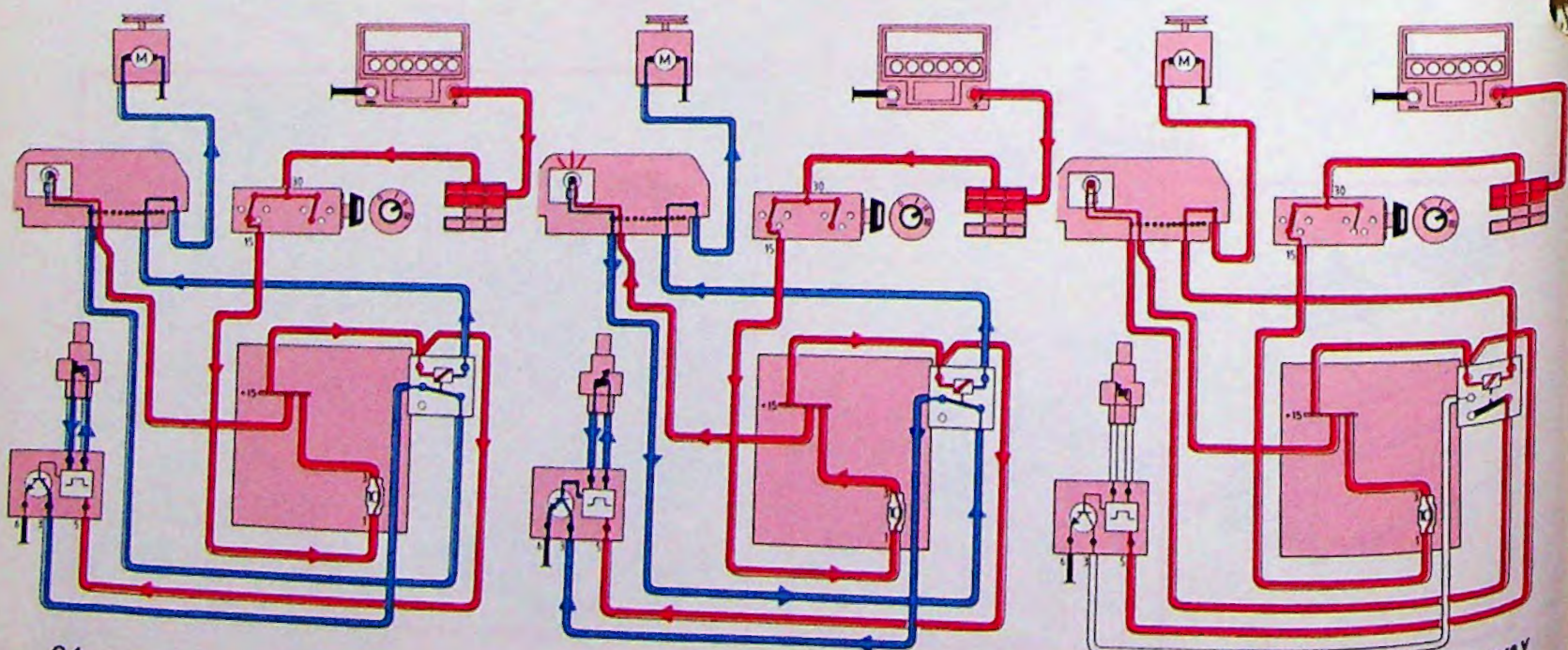
- 2 Contactslot
- 10 Dynamo
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 96 Controlelampje, oliepeil
- 133 Relais, oliepeil
- 174 Elektronische regeleenheid
- 179 Oliepeilgever

Zekering nr 10
Achteruitrijlichten
Elektrisch verwarmde stoelen

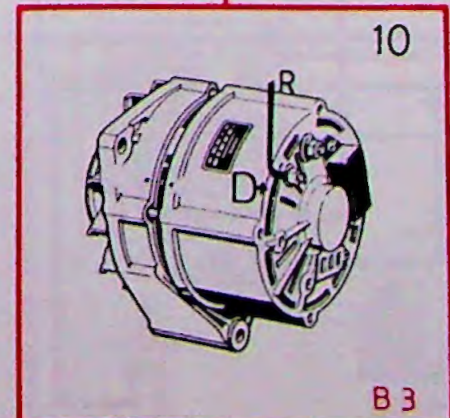
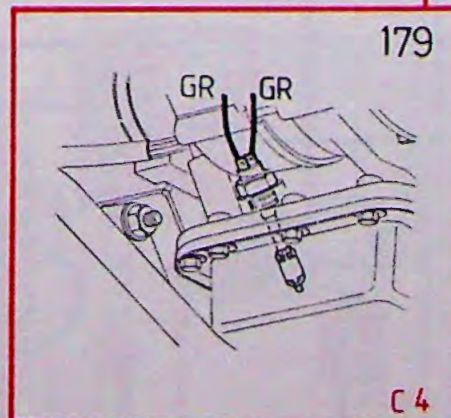
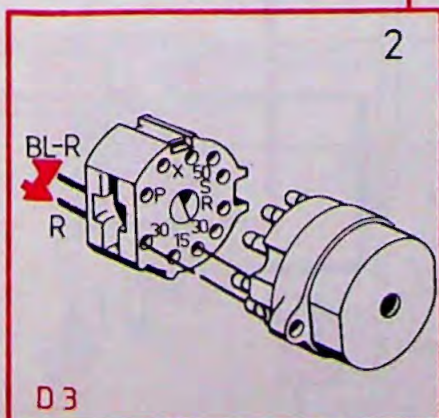
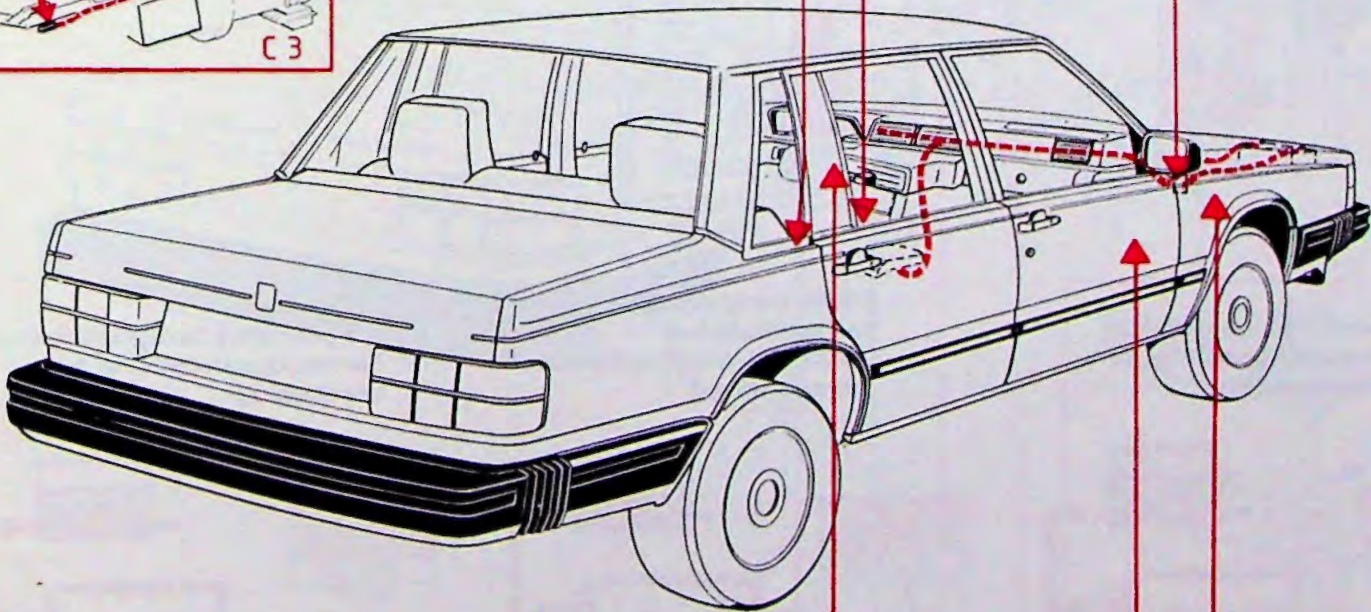
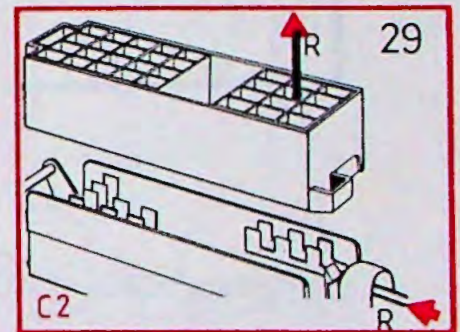
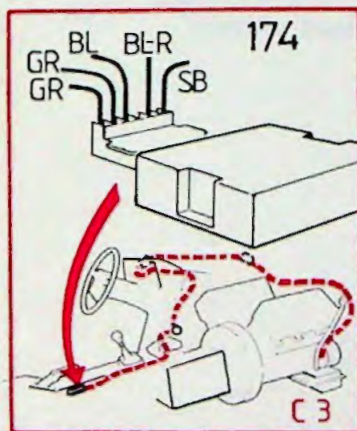
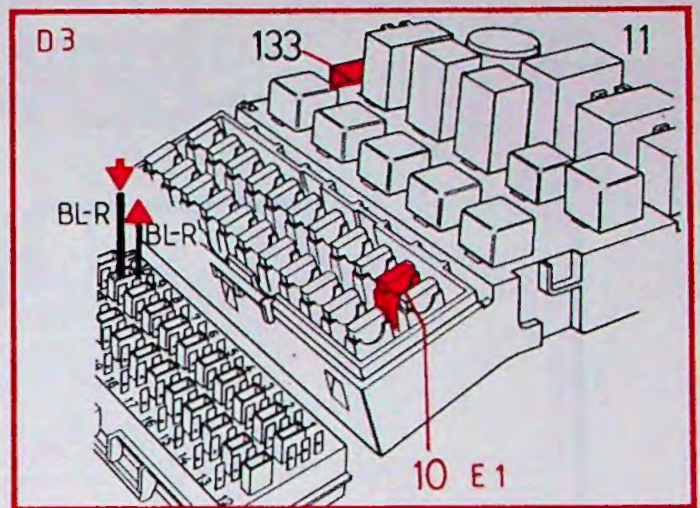
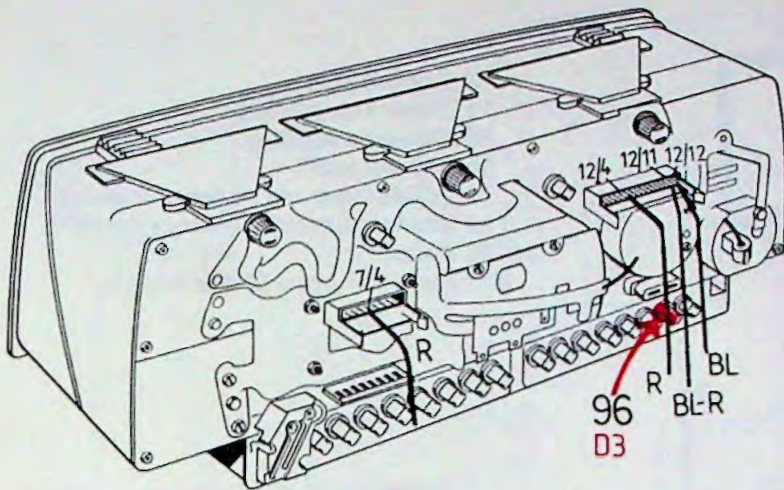
Contact staat aan
Motor loopt niet
Normaal oliepeil
Controlelampje is uit

Contact staat aan
Motor loopt niet
Laag oliepeil
Controlelampje brandt,
totdat motor is aangeslagen

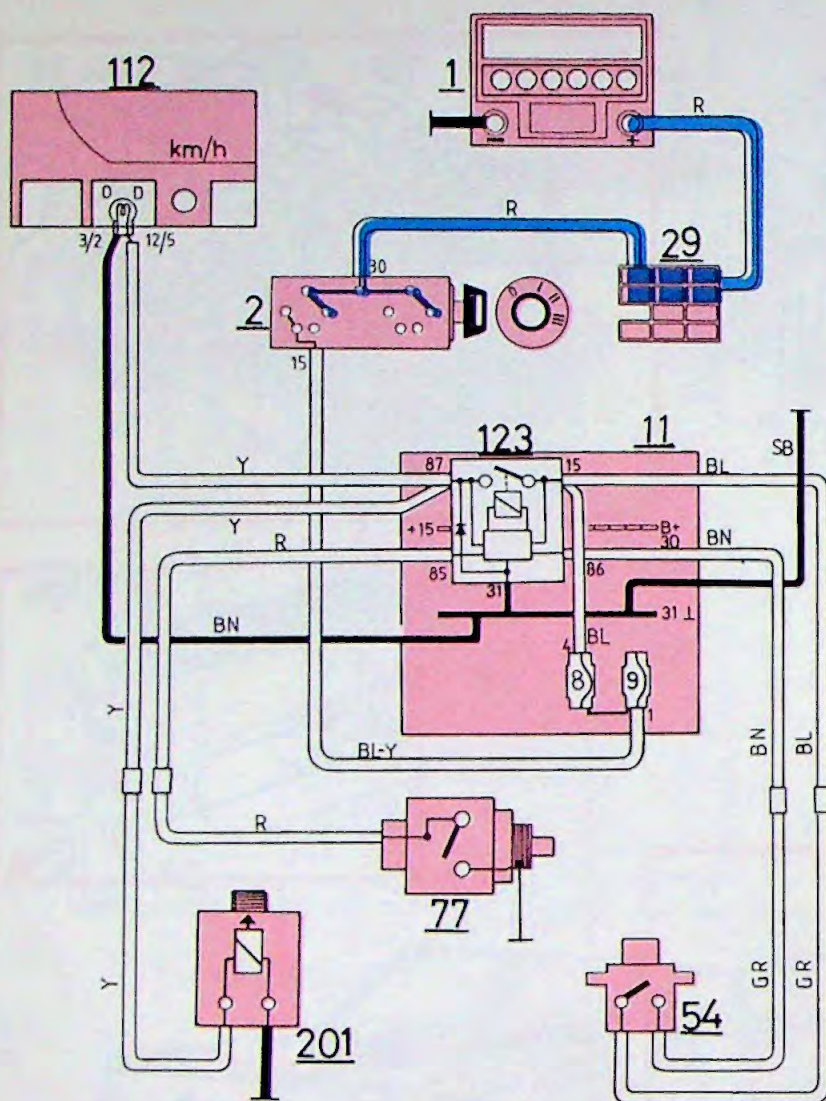
De motor loopt



Waarschuwingssysteem, oliepeil



Overdrive, M46



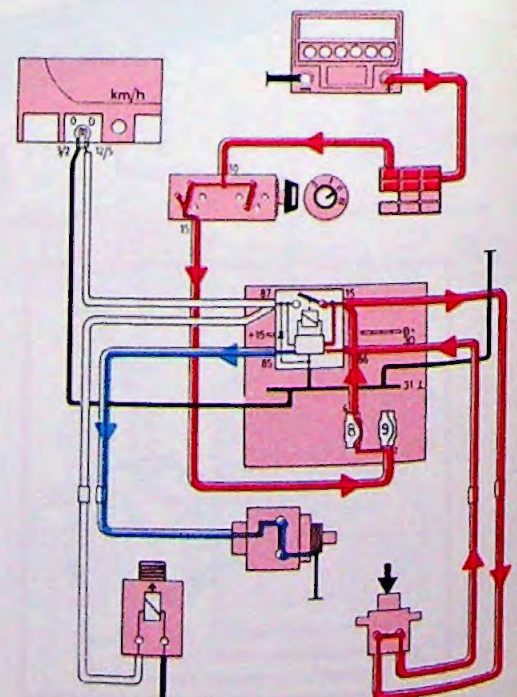
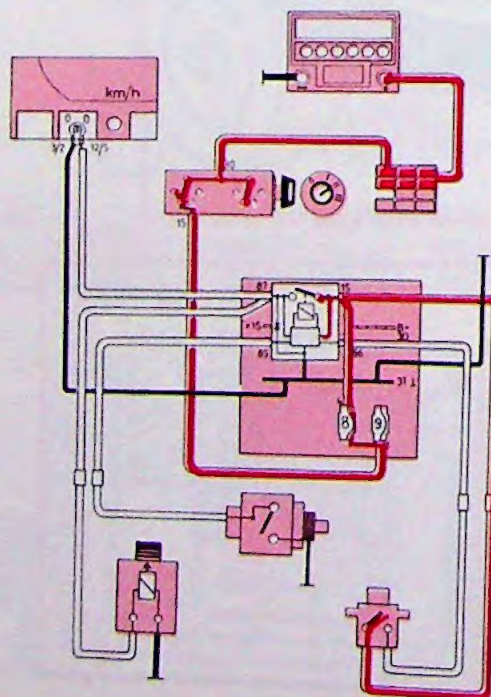
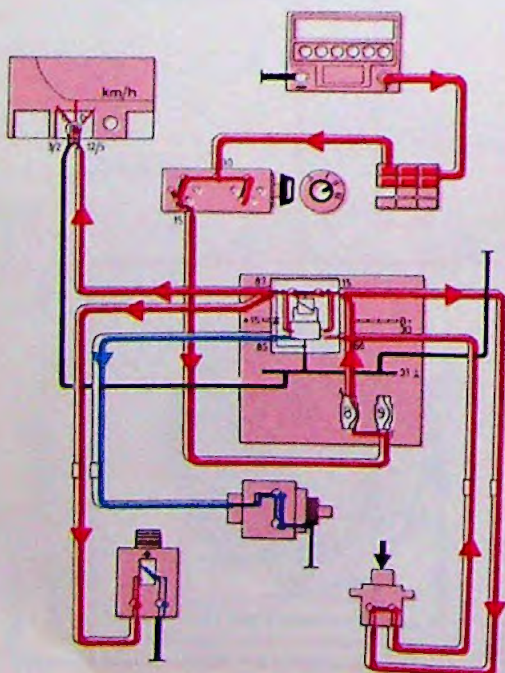
- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 54 Schakelaar
- 77 Schakelaar op versnellingsbak
- 112 Controlelampje, overdrive M46
- 123 Relais
- 201 Elektromagnetische klep

Zekering nr 8
Richtingaanwijzers

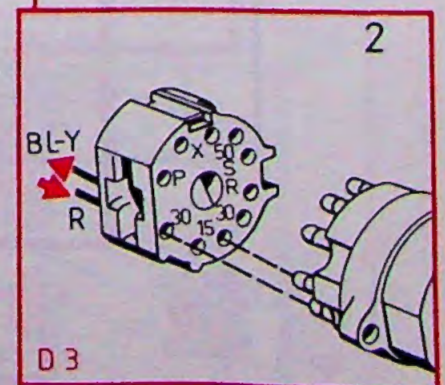
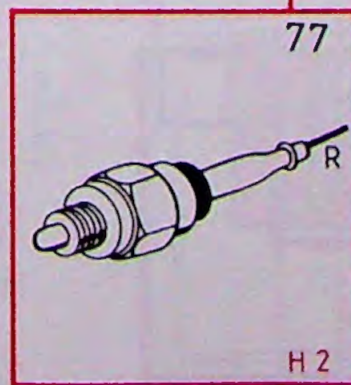
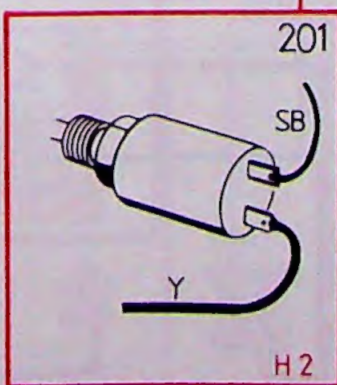
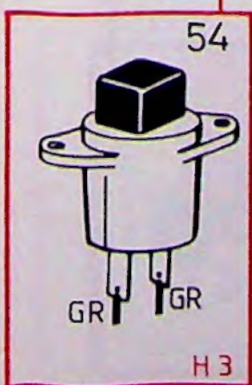
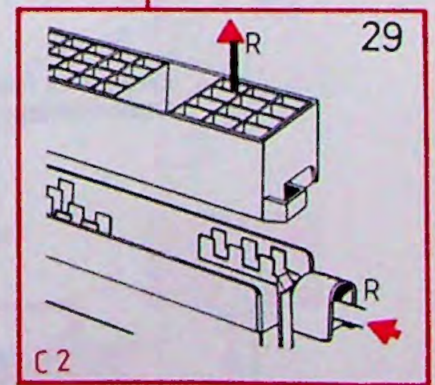
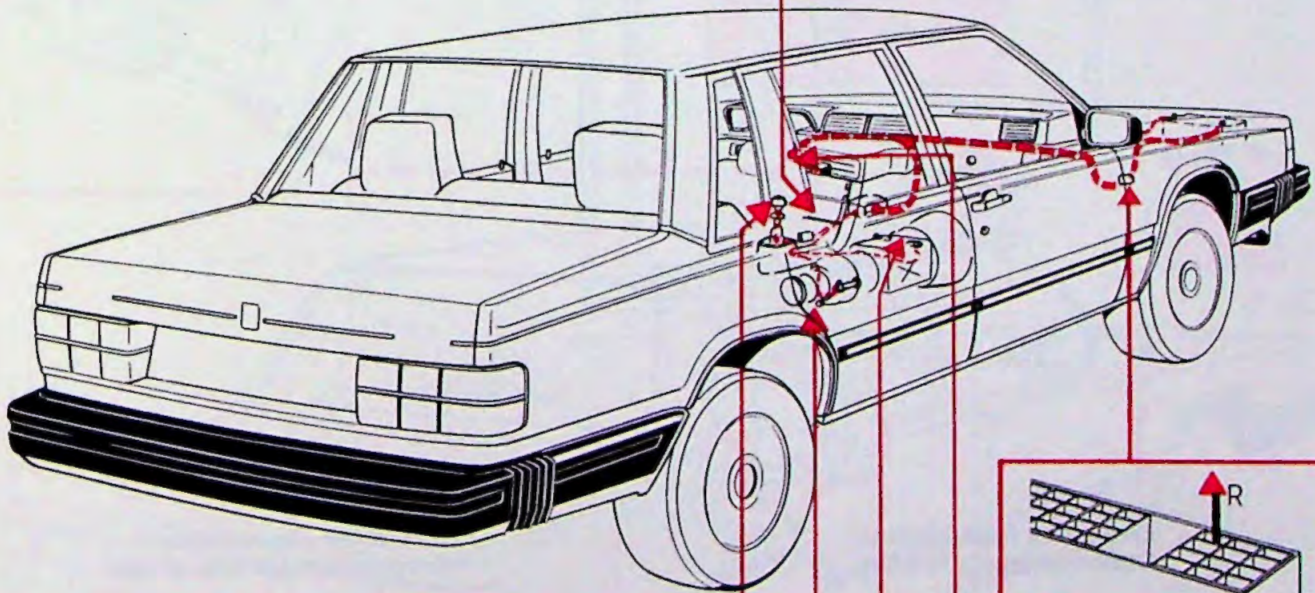
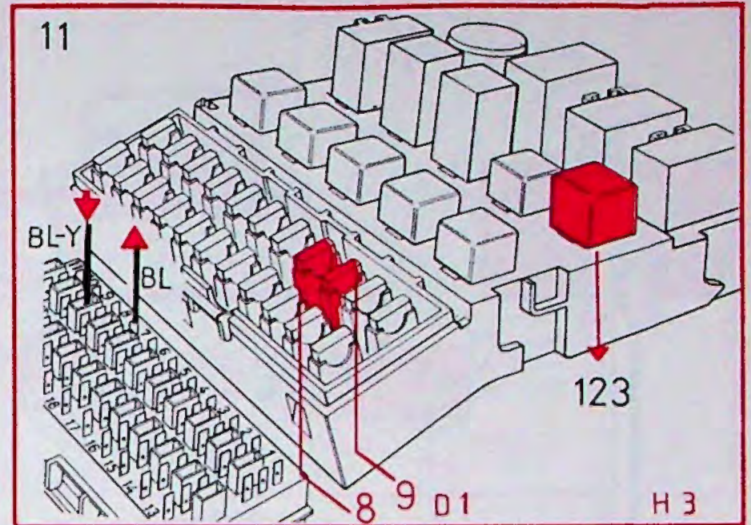
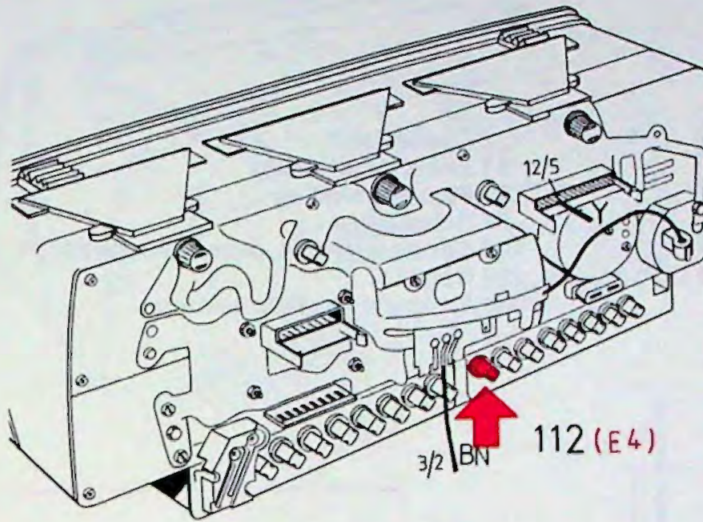
Overdrive inschakelen
Versnellingshendel in
4e versnelling

Uit 4e versnelling
terugschakelen
Overdrive wordt automatisch
uitgeschakeld

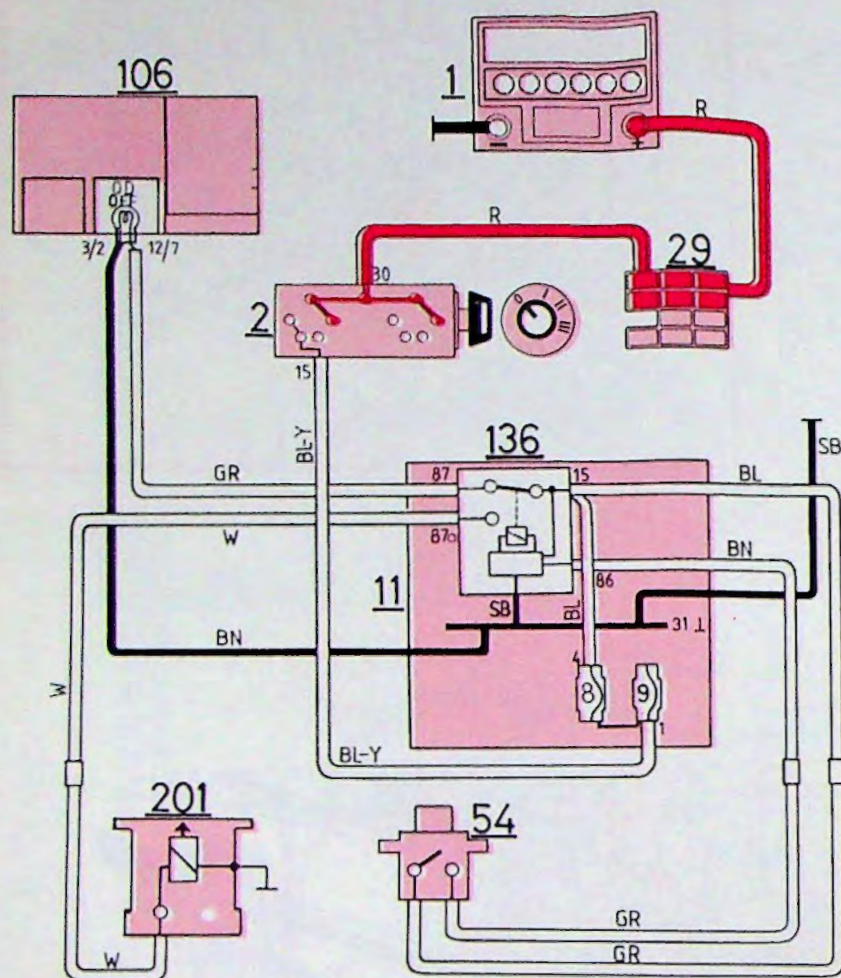
Uit overdrive terugschakelen
Versnellingshendel in 4e
versnelling



Overdrive, M46



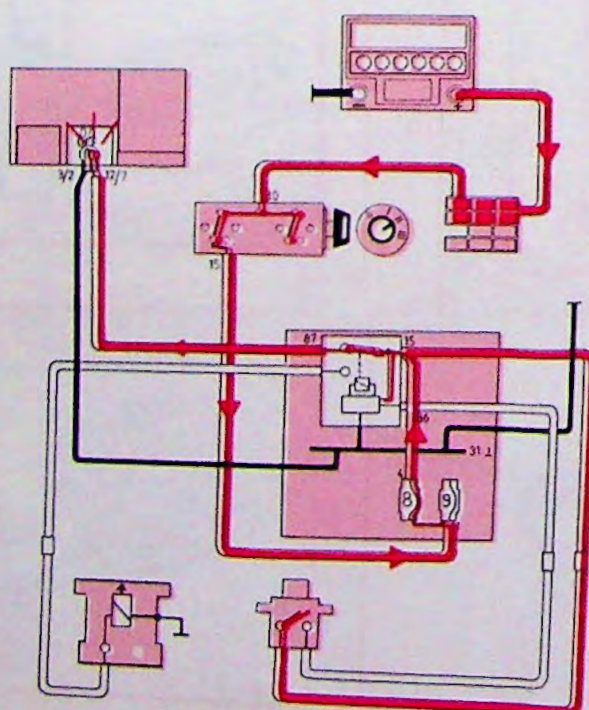
Overdrive, AW70/71



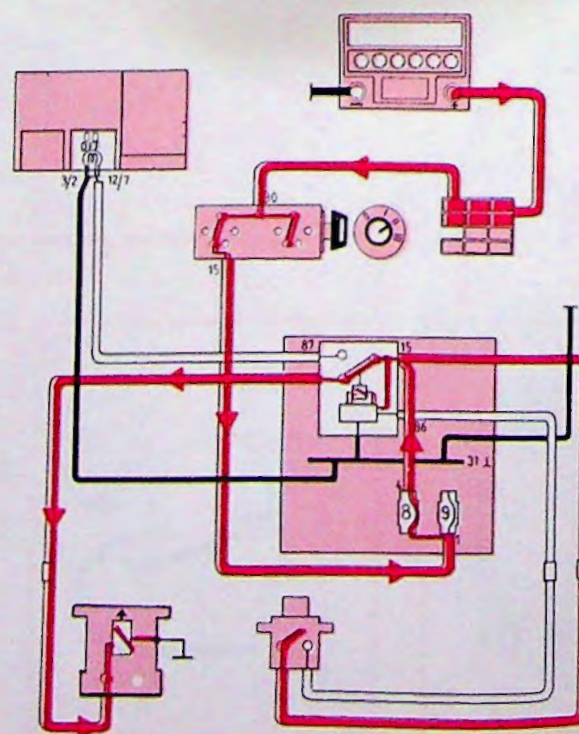
- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 54 Schakelaar
- 106 Controlelampje, overdrive AW70/71
- 136 Relais
- 201 Elektromagnetische klep

Zekering nr 8
Richtingaanzijzers

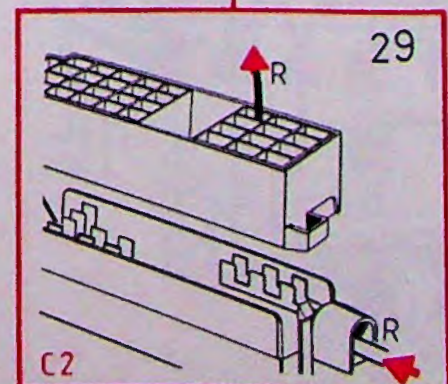
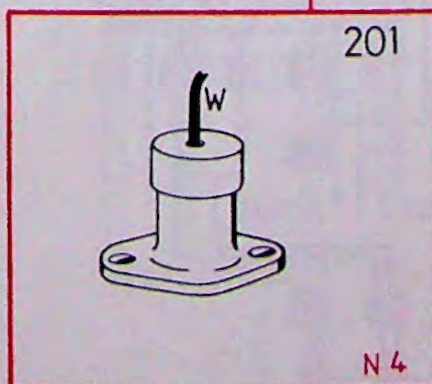
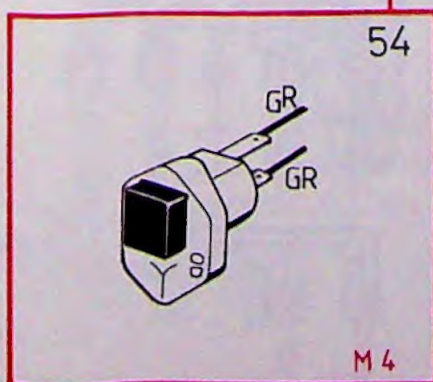
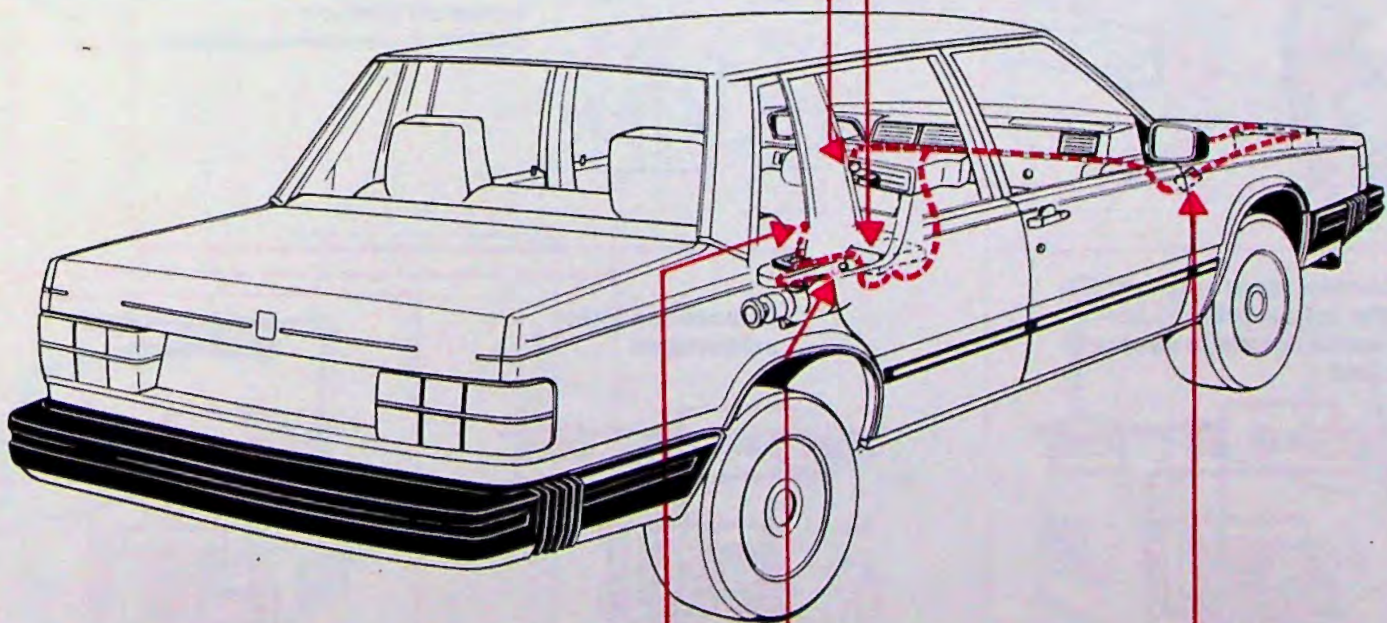
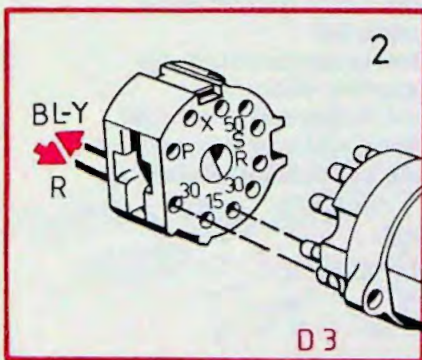
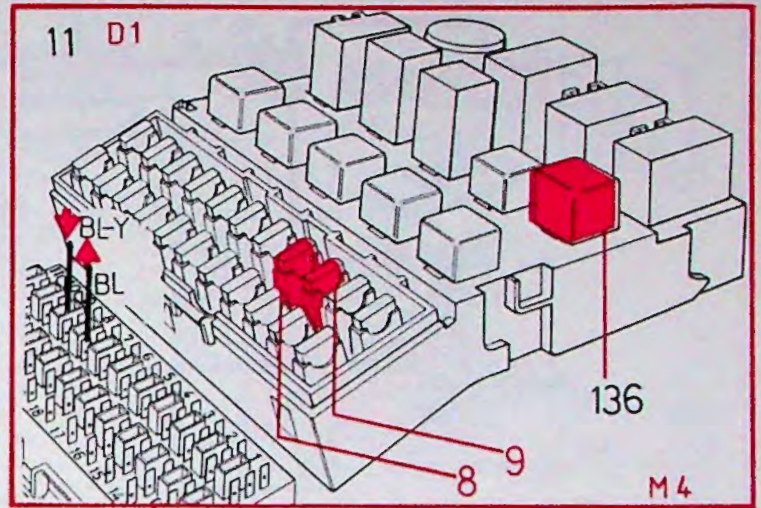
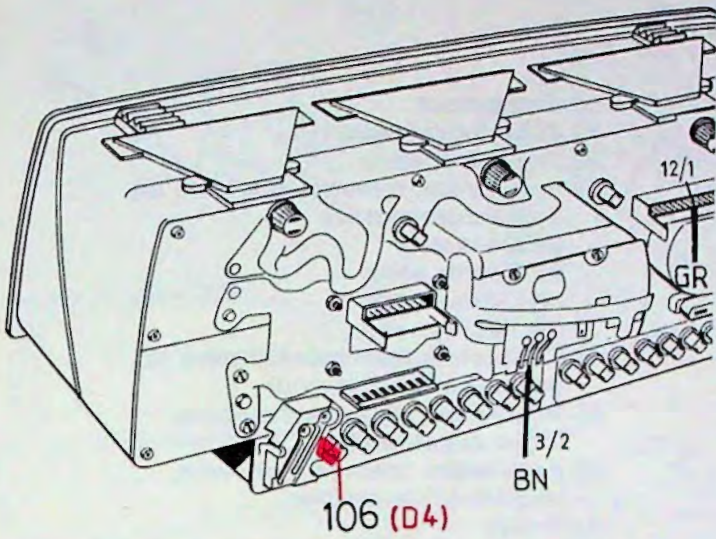
Overdrive ingeschakeld
Controlelampje brandt



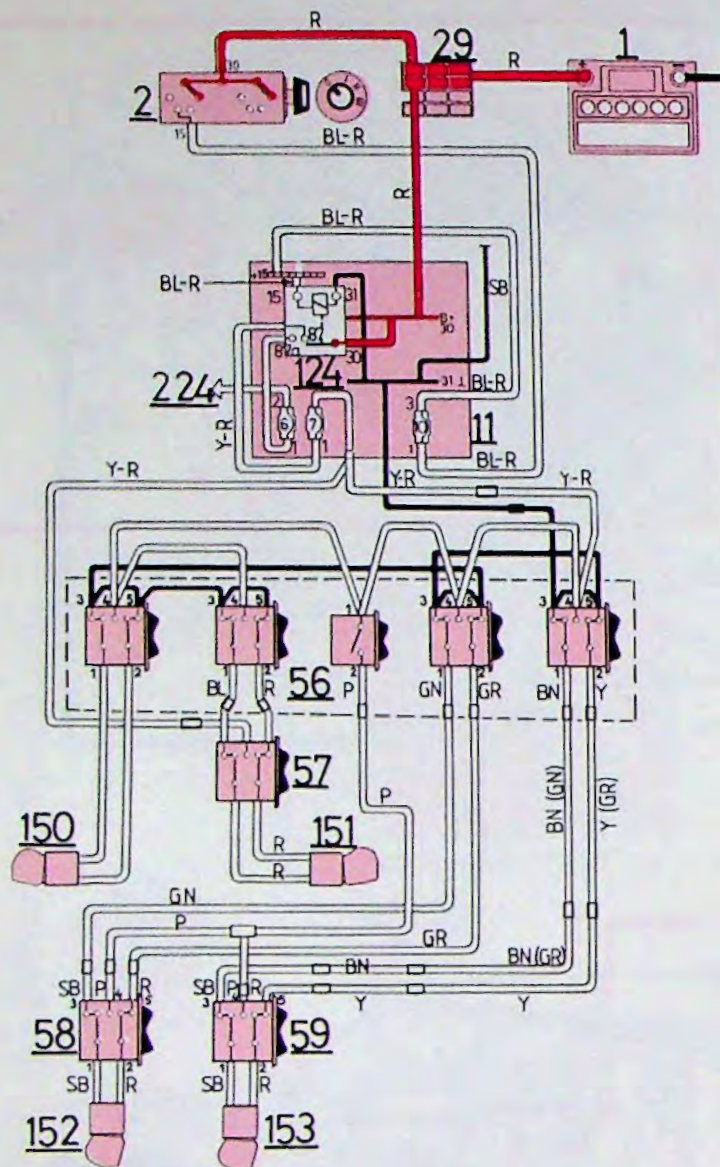
Overdrive uitgeschakeld
Controlelampje brandt niet



Overdrive, AW70/71



Elektrisch bediende raammechanismen



- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 56 Schakelaar, raammechanisme bij bestuurdersportier
- LF Links vóór
- RF Rechts vóór
- LR Links achter
- RR Rechts achter
- 57 Schakelaar raammechanisme bij passagiersportier, vóór
- 58 Schakelaar raammechanisme, linker achterportier
- 59 Schakelaar raammechanisme, rechter achterportier
- 124 Relais
- 150 Elektromotor, raammechanisme bestuurdersportier
- 151 Elektromotor, raammechanisme passagiersportier vóór
- 152 Elektromotor, linker achterportier
- 153 Elektromotor, rechter achterportier
- (224) Thermostaat, elektrische ventilator

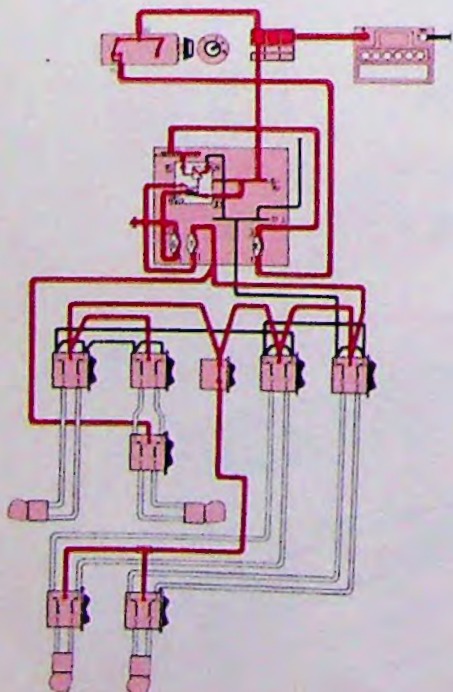
Zekering nr 7

Geen andere functies

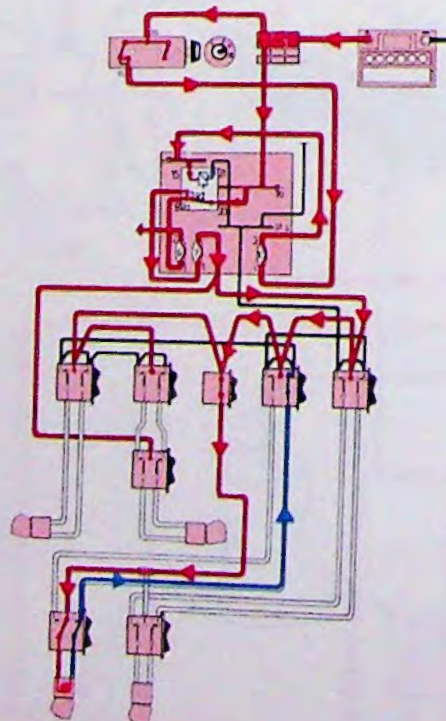
Zekering nr 10

Instrumenten
Achteruitrijlichten
Elektrisch verwarmde stoelen

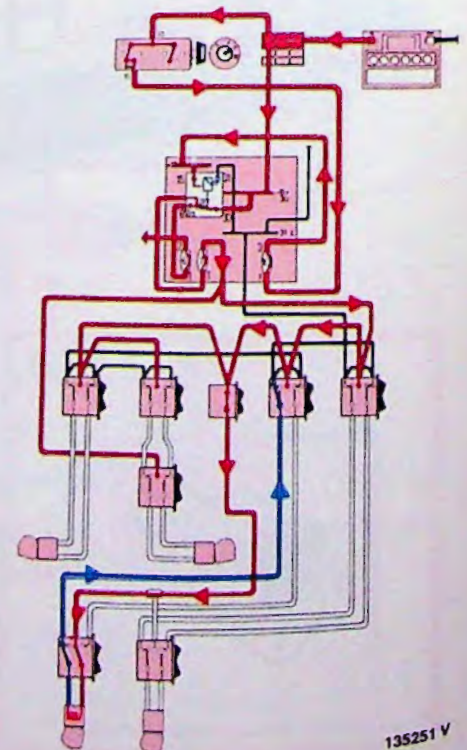
Contact staat aan
Alle schakelaars raam-
mechanismen in neutrale
stand



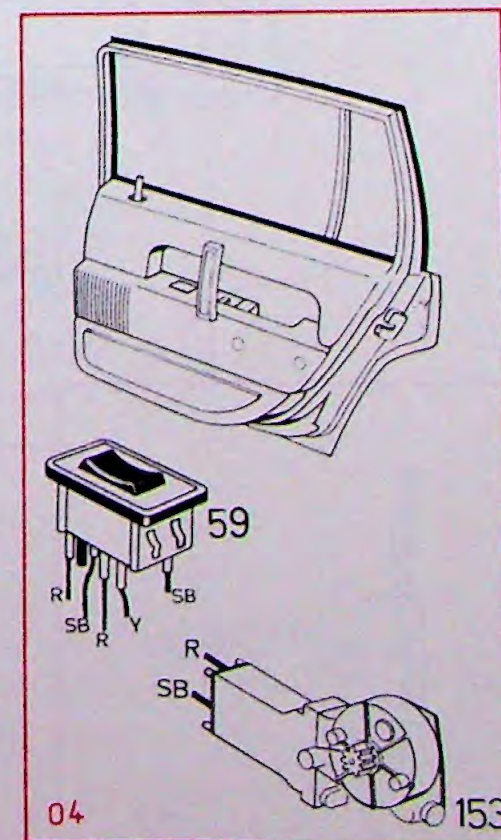
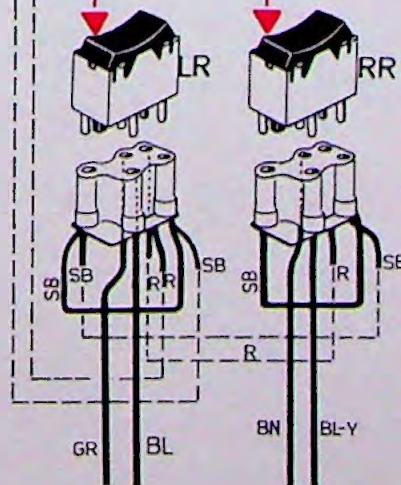
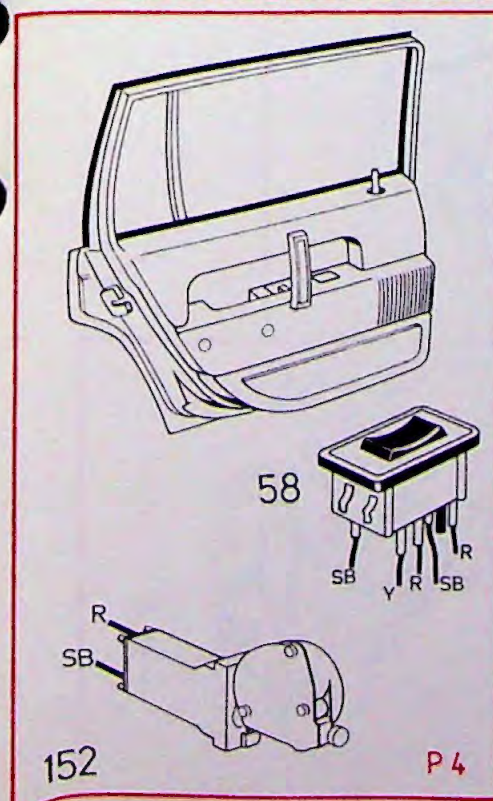
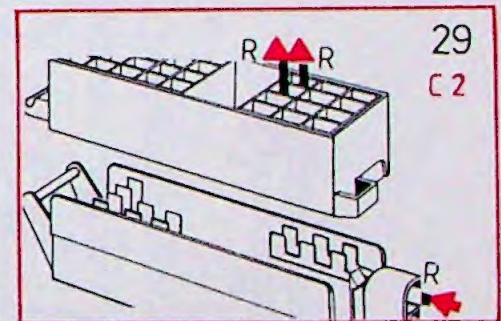
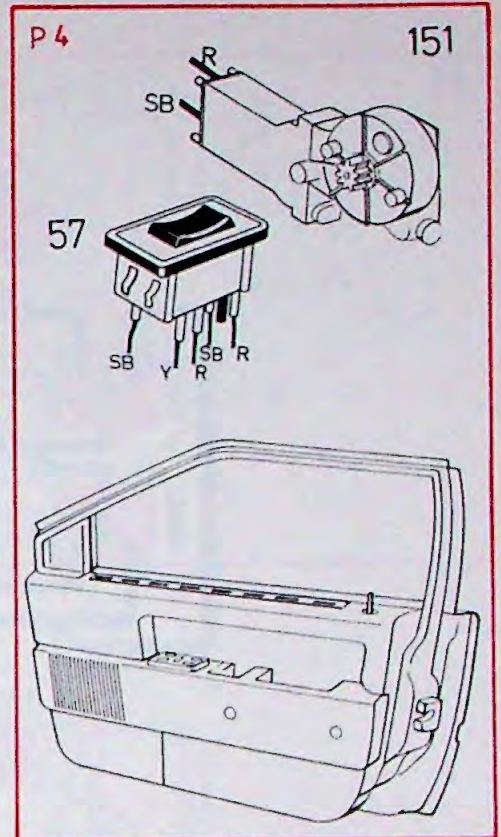
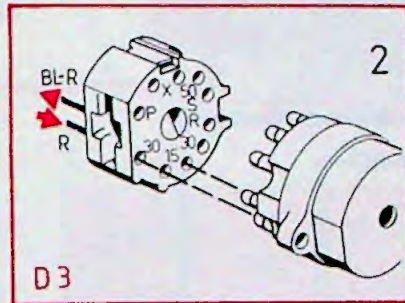
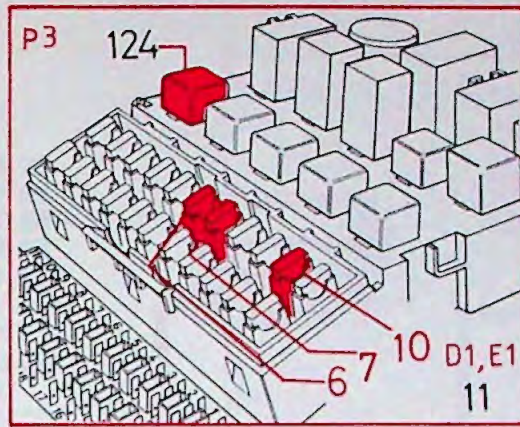
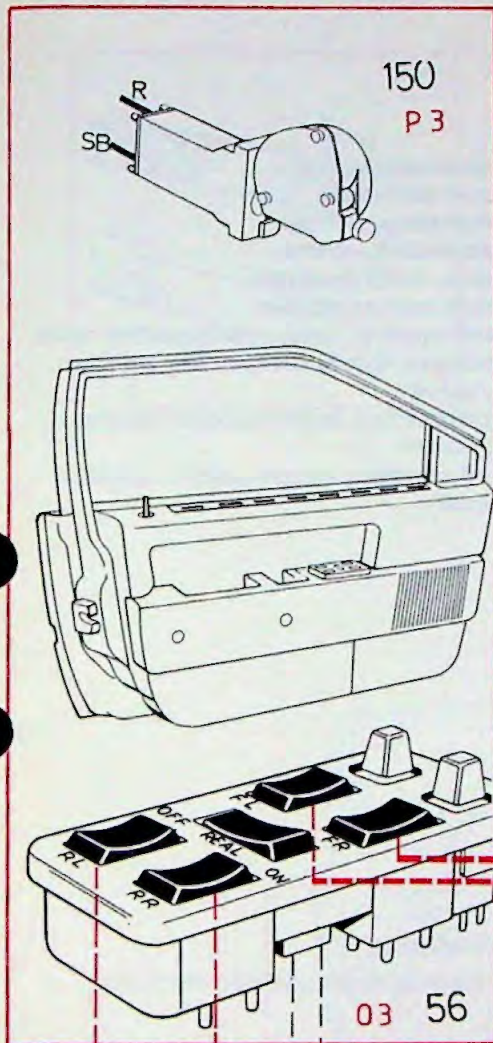
Openzetten linker
achterraam



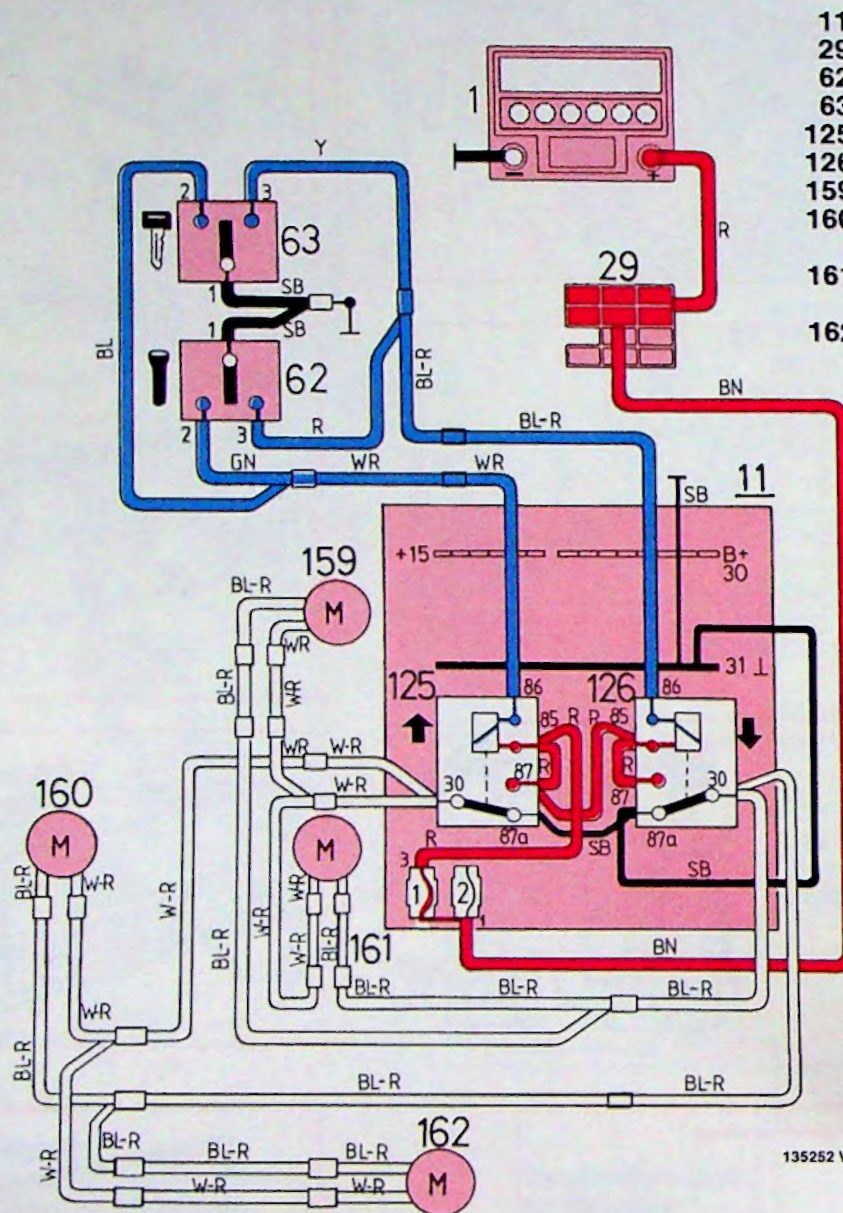
Dichtdoen linker
achterraam



Elektrisch bediende raammechanismen



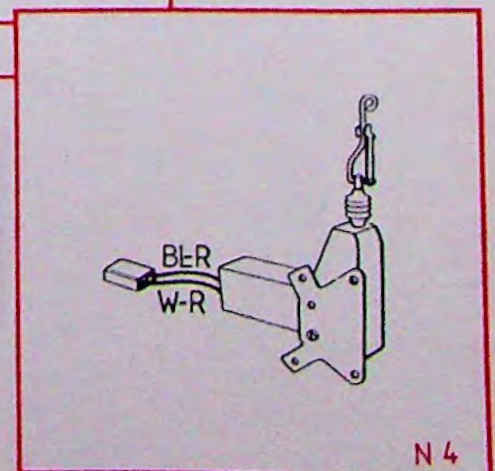
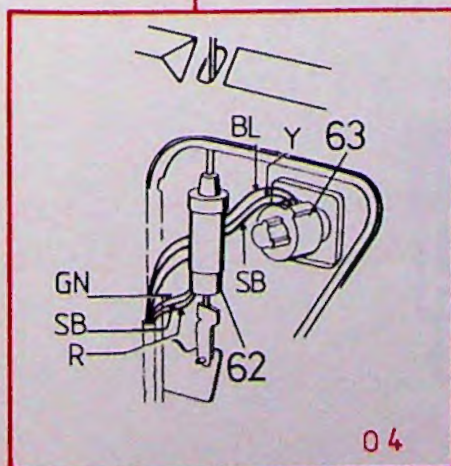
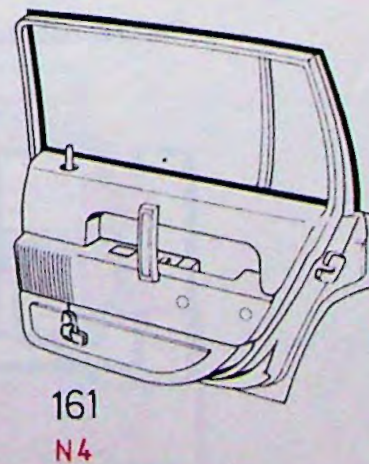
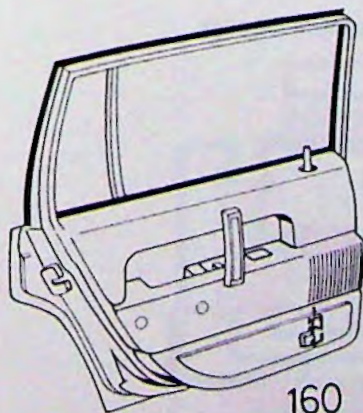
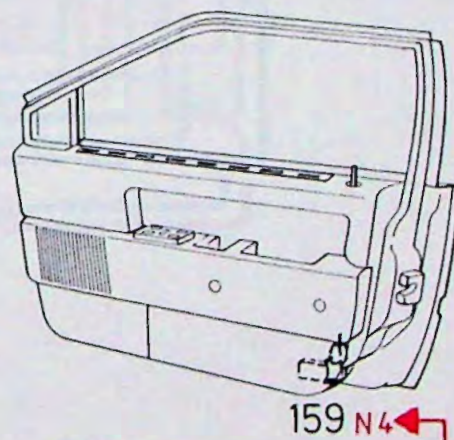
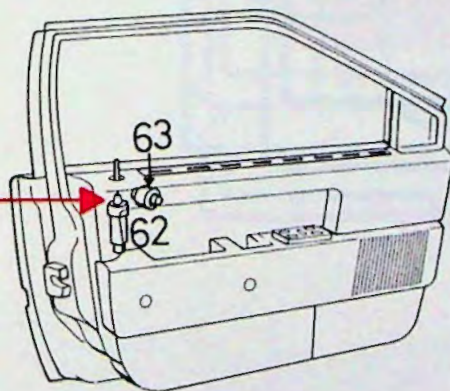
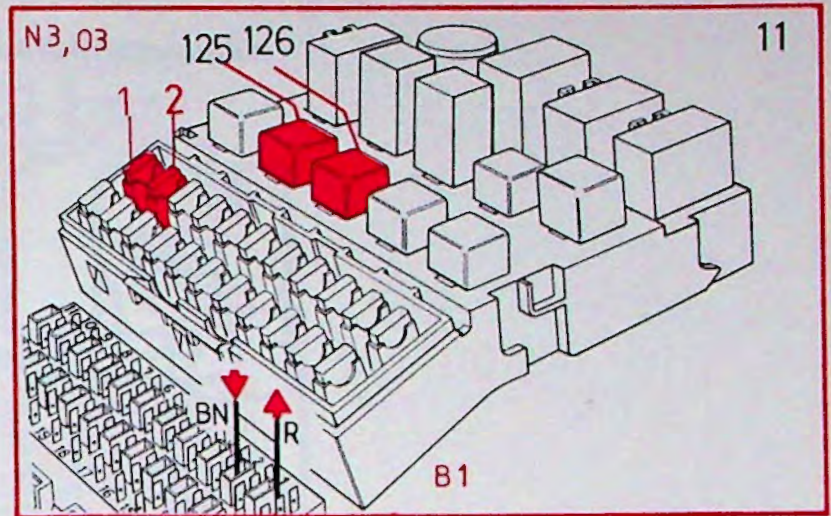
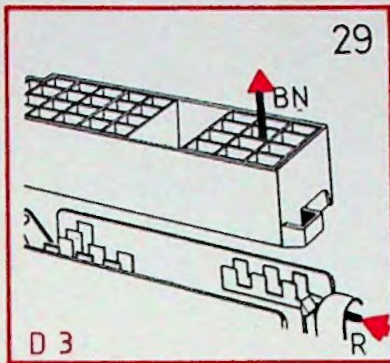
Centrale vergrendeling



- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 62 Schakelaar, knopje
- 63 Schakelaar, sleutel
- 125 Relais, ontgrendelen
- 126 Relais, vergrendelen
- 159 Elektromotor, passagiersportier vóór
- 160 Elektromotor, achterportier bestuurderskant
- 161 Elektromotor, achterportier passagierskant
- 162 Elektromotor, vergrendelen kofferdeksel

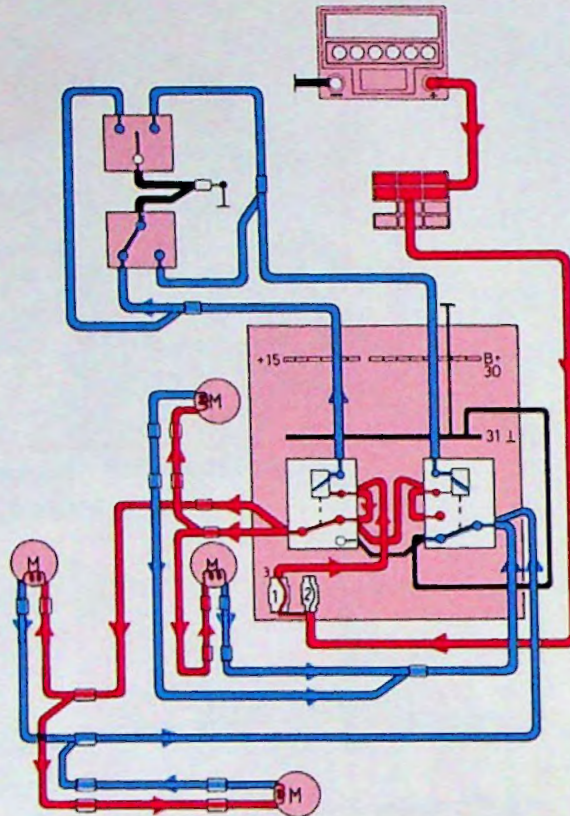
Zekering nr 1
 Waarschuwingssnipperlichten

Centrale vergrendeling

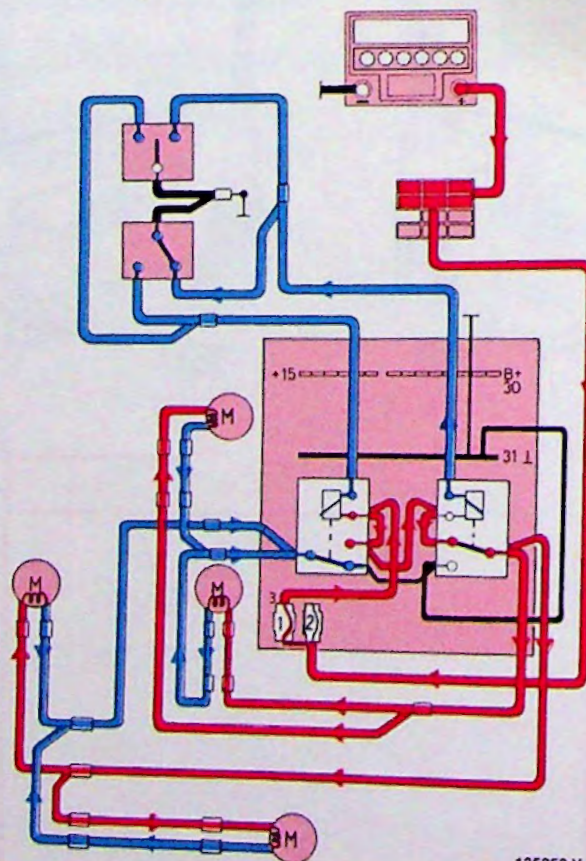


Centrale vergrendeling, werkingsschema

Ontgrendelen met vergrendelknopje



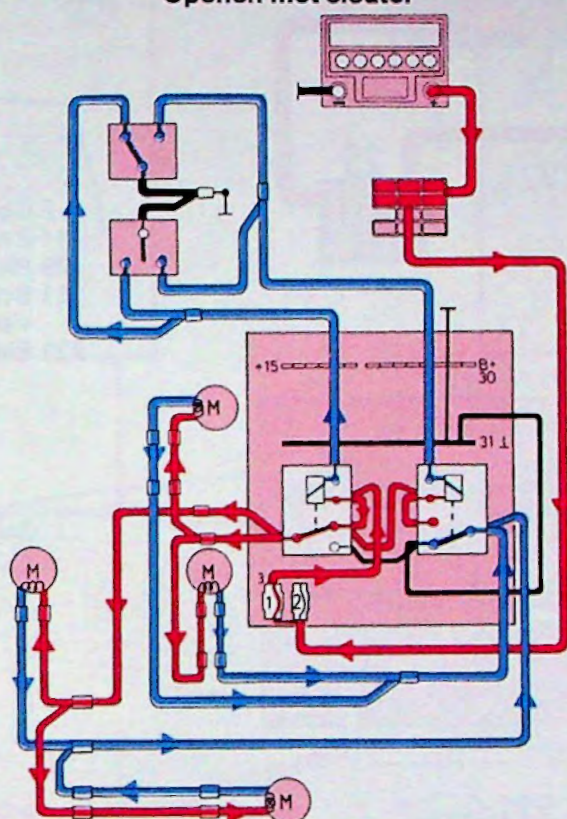
Vergrendelen met vergrendelknopje



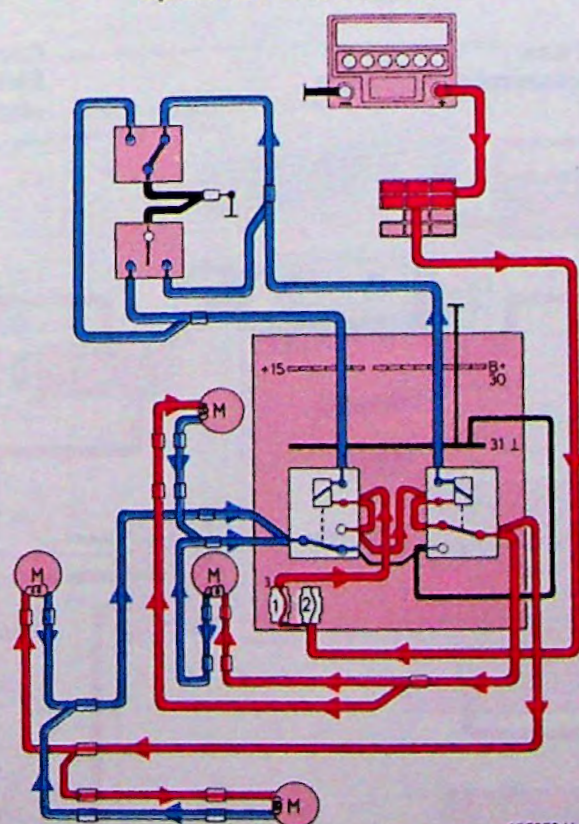
135253 V

Centrale vergrendeling, werkingsschema

Openen met sleutel

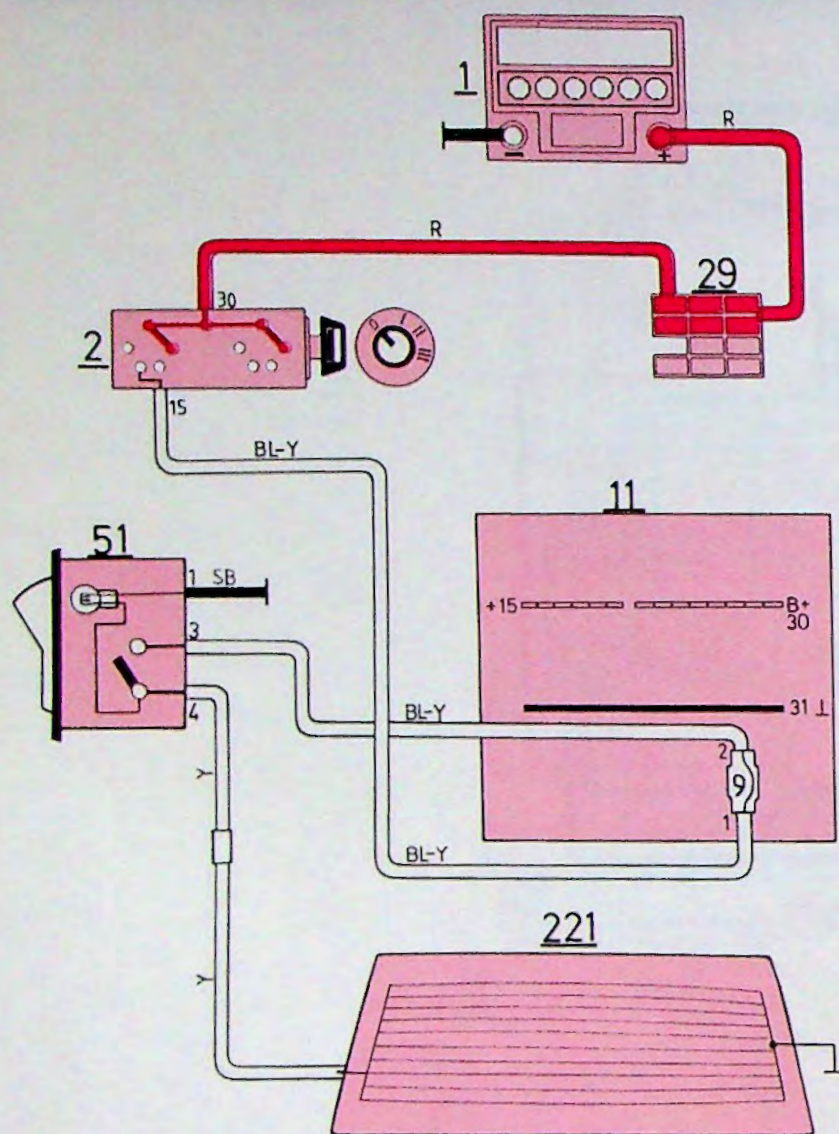


Op slot doen met sleutel



135253 H

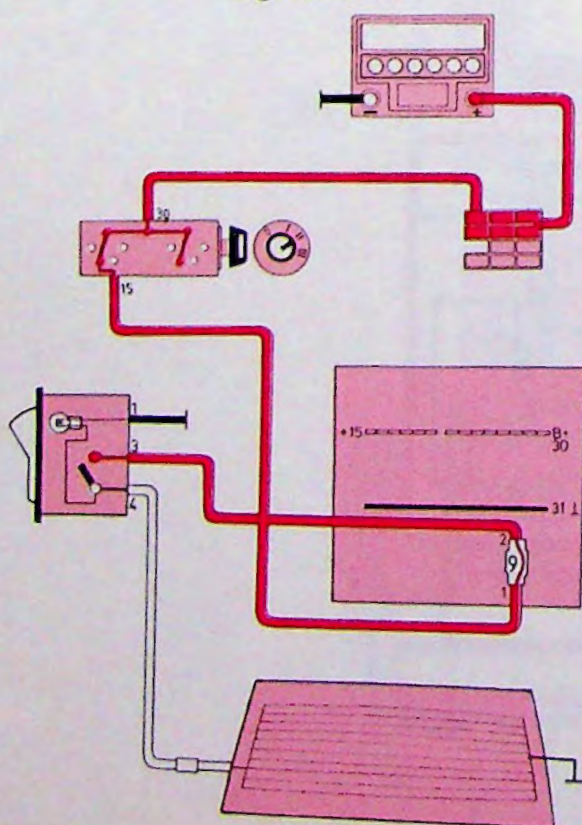
Elektrische achterraitverwarming



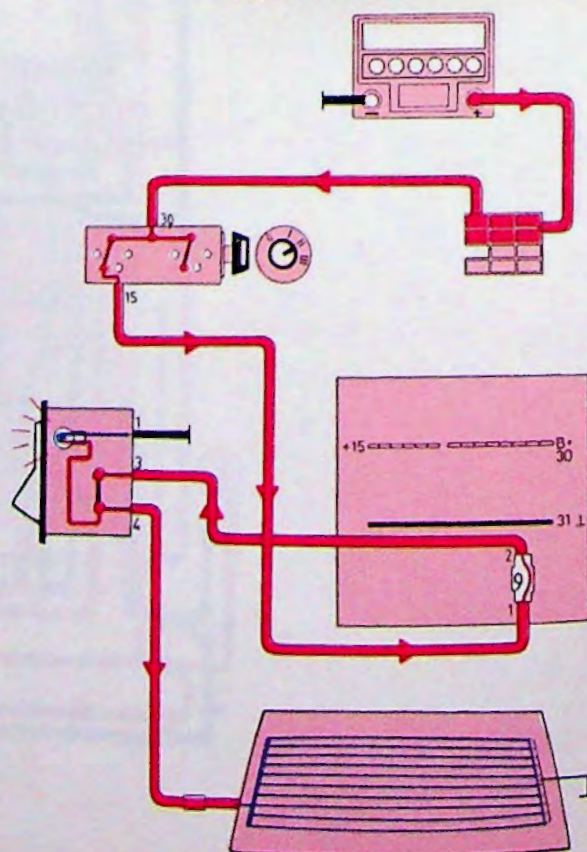
- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 51 Schakelaar, elektrische achterraitverwarming
- 221 Elektrische achterraitverwarming

Zekering nr 9
Elektrisch bediend schuifdak

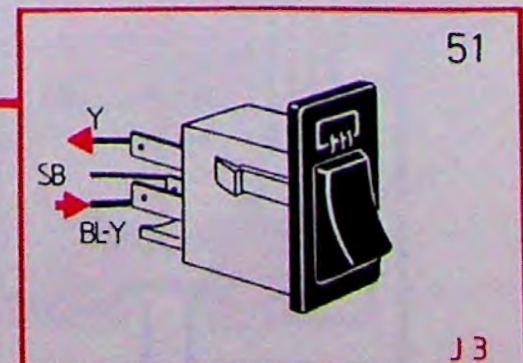
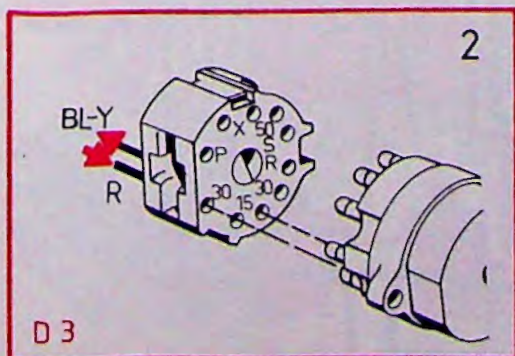
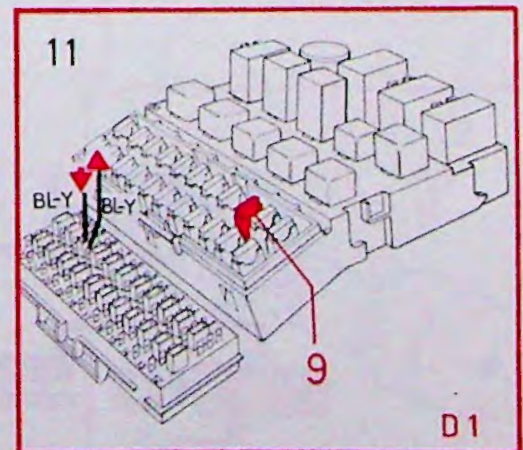
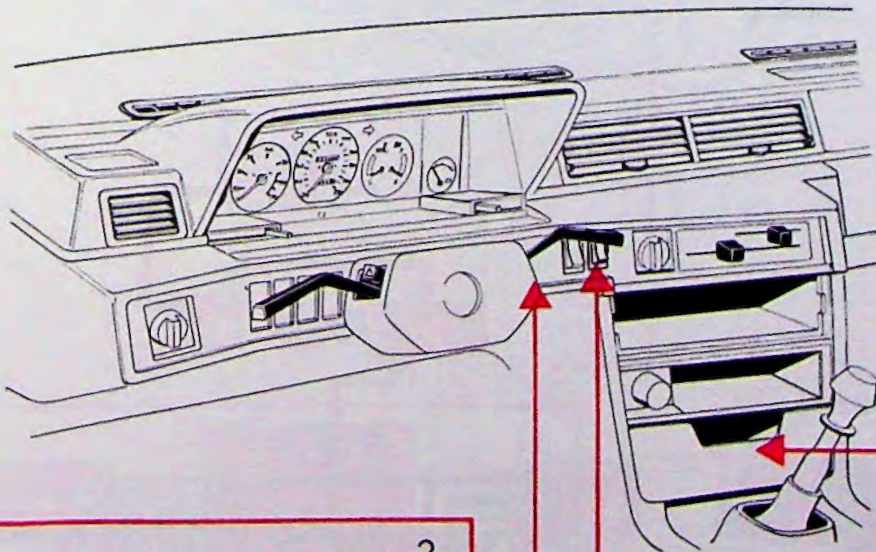
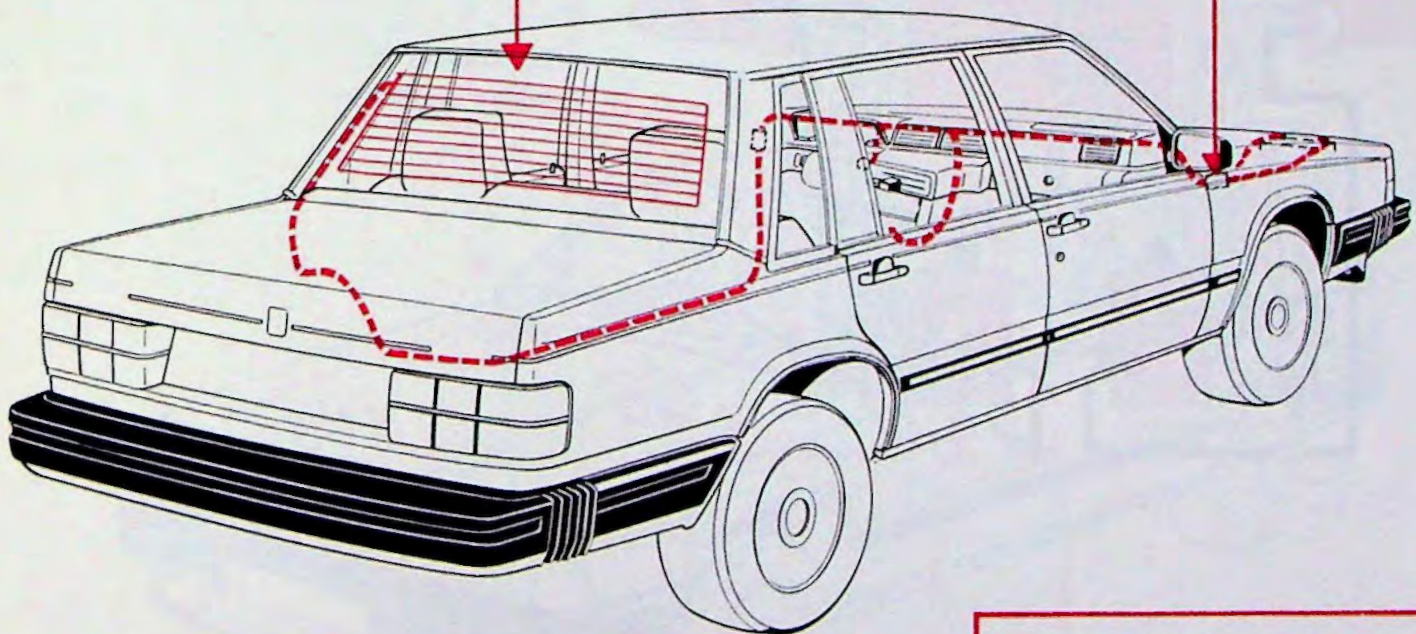
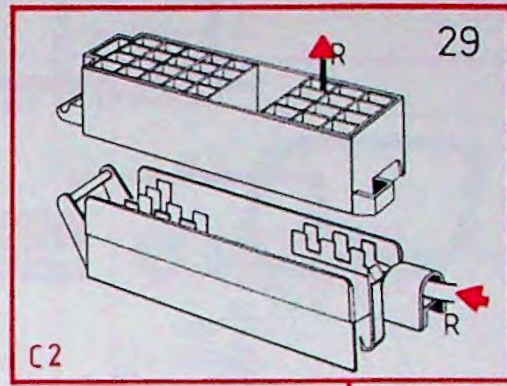
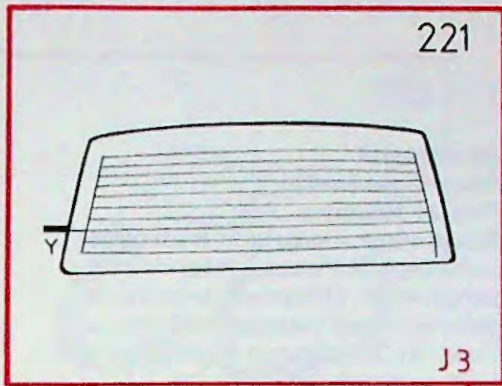
Contact staat aan
Elektrische achterraitverwarming
ingeschakeld



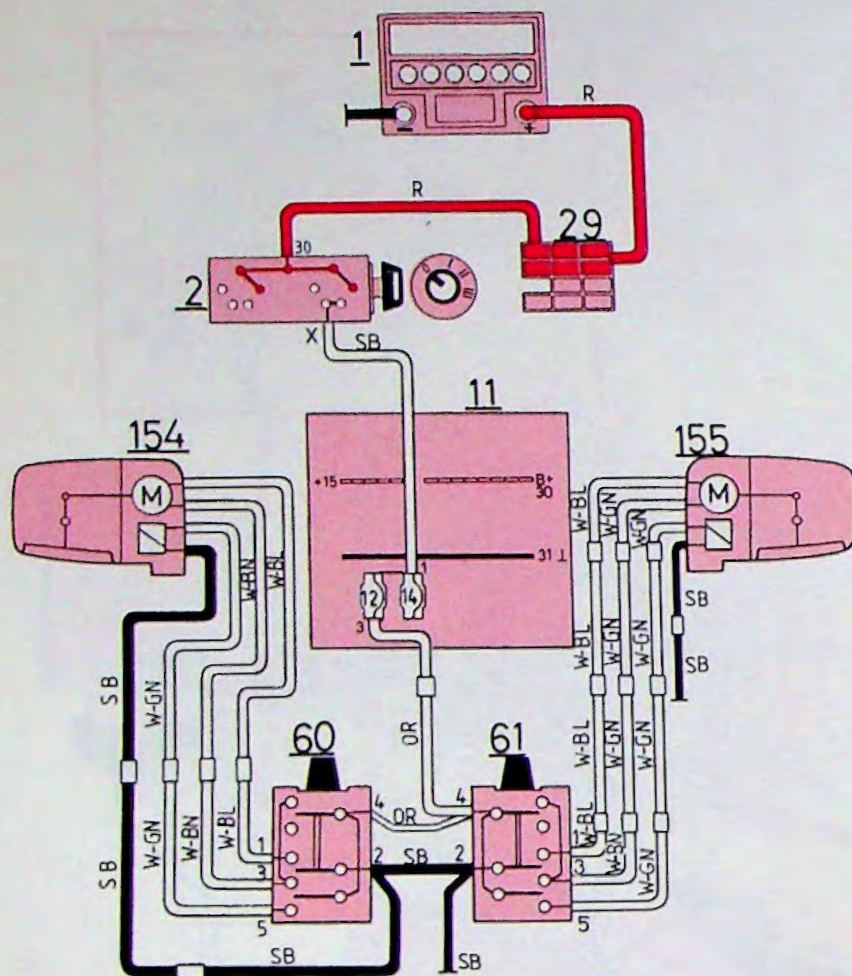
Contact staat aan
Elektrische achterraitverwarming
uitgeschakeld



Elektrische achterruitverwarming



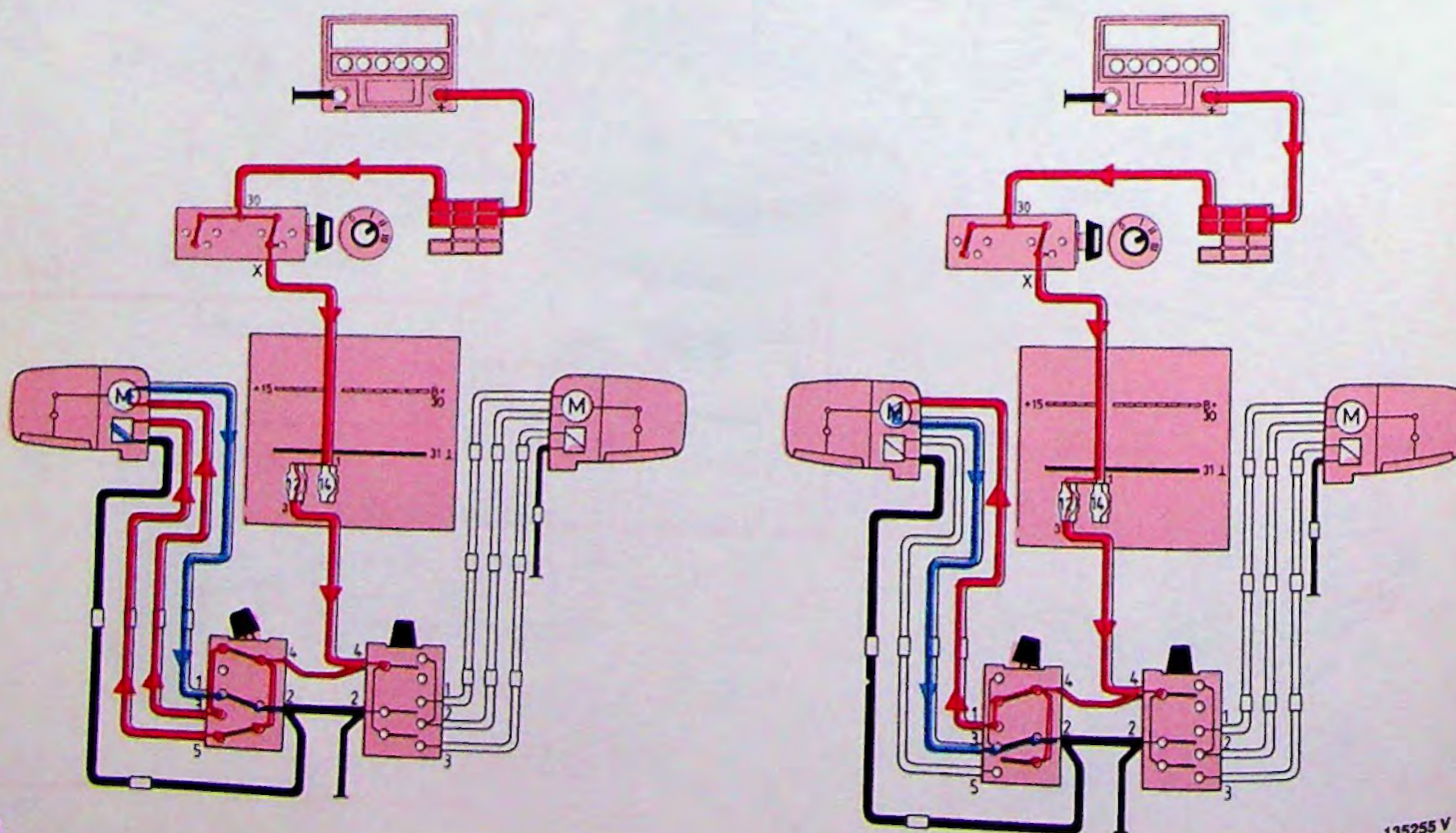
Elektrisch bediende buitenspiegels



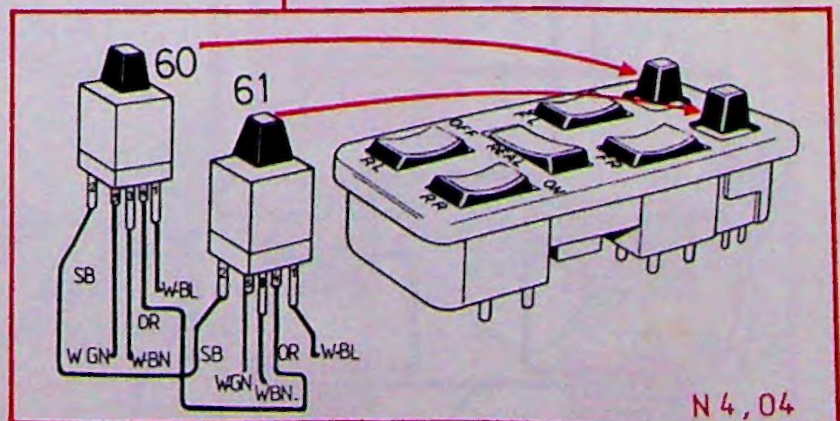
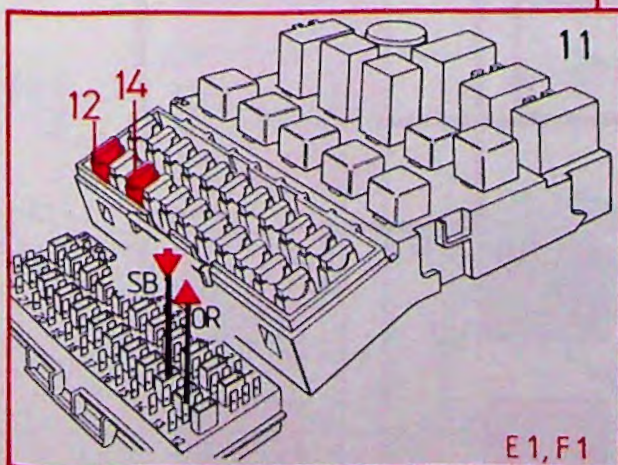
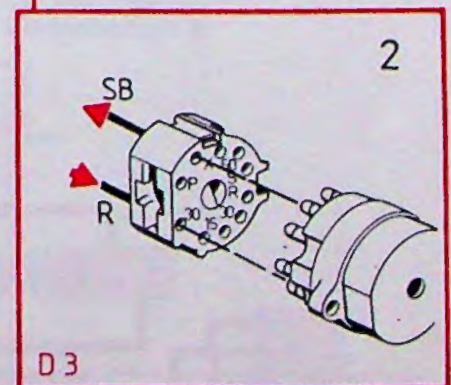
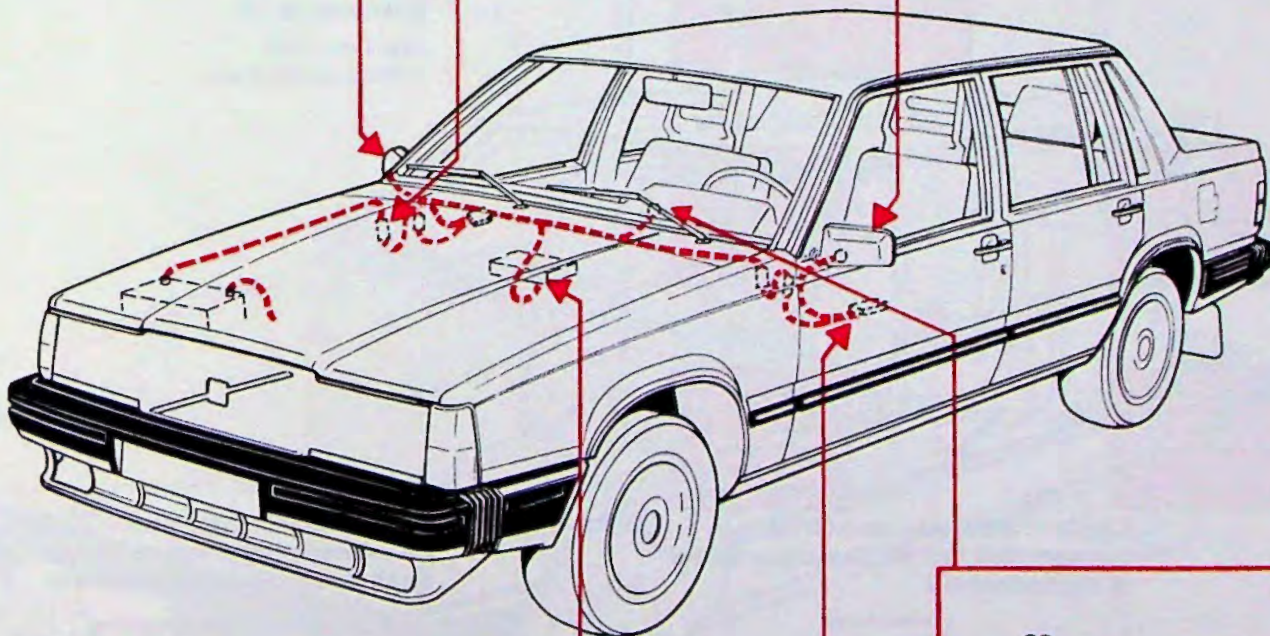
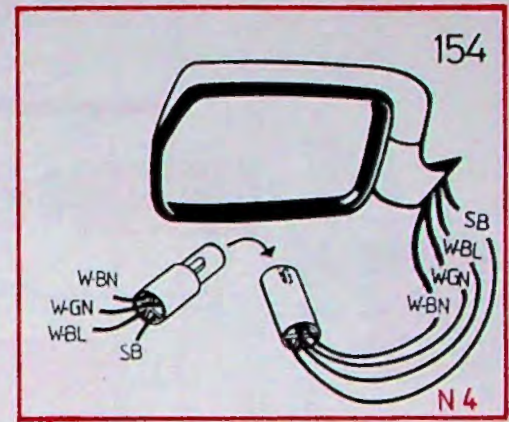
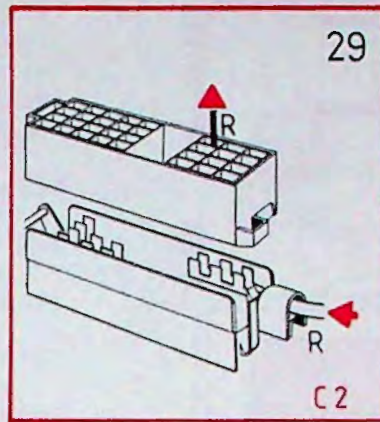
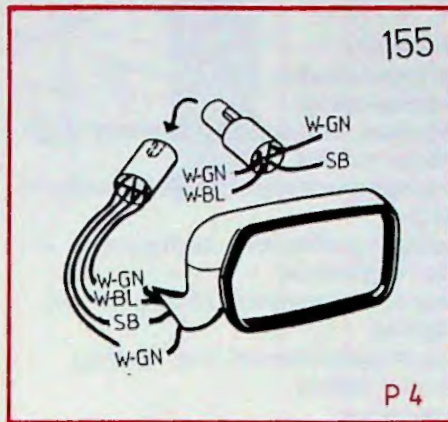
- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 60 Schakelaar, elektrisch bediende buitenspiegel bestuurderskant
- 61 Schakelaar, elektrisch bediende buitenspiegel passagierskant
- 154 Elektrisch bediende buitenspiegel, bestuurderskant
- 155 Elektrisch bediende buitenspiegel, passagierskant

Zekering nr 12
Sigare-aansteker

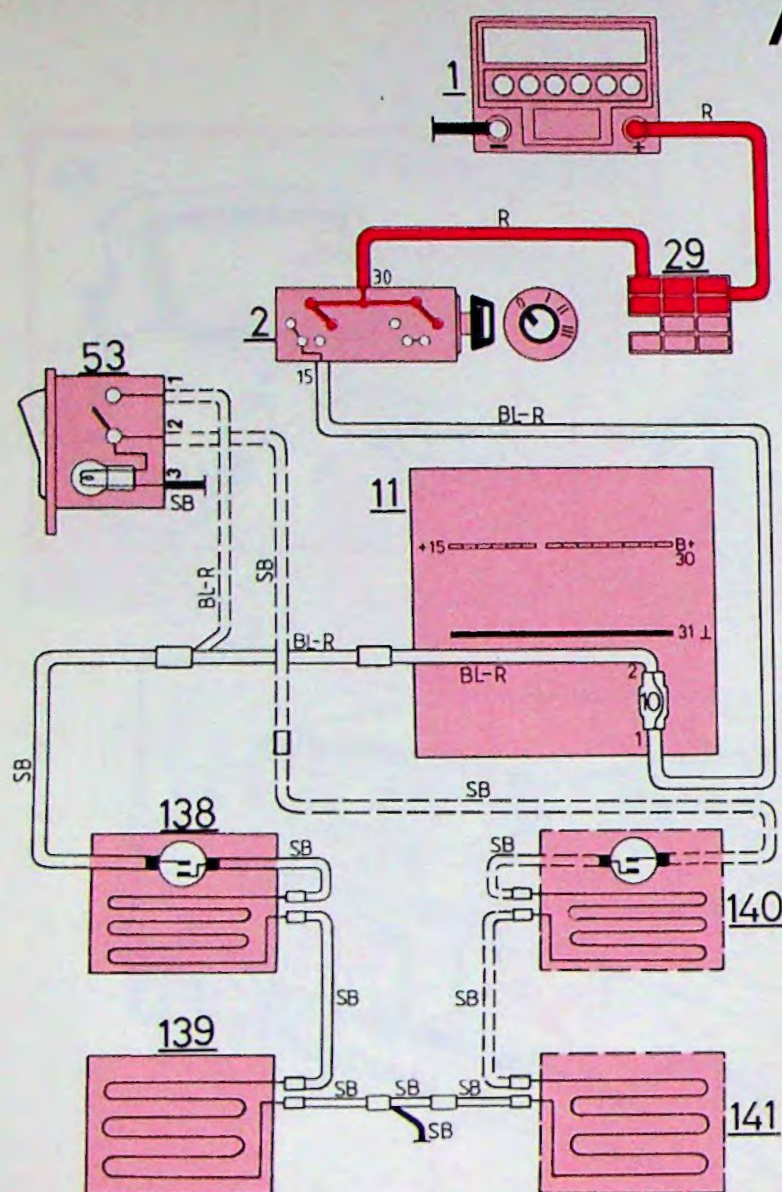
Elektrisch bediende buitenspiegel installeren



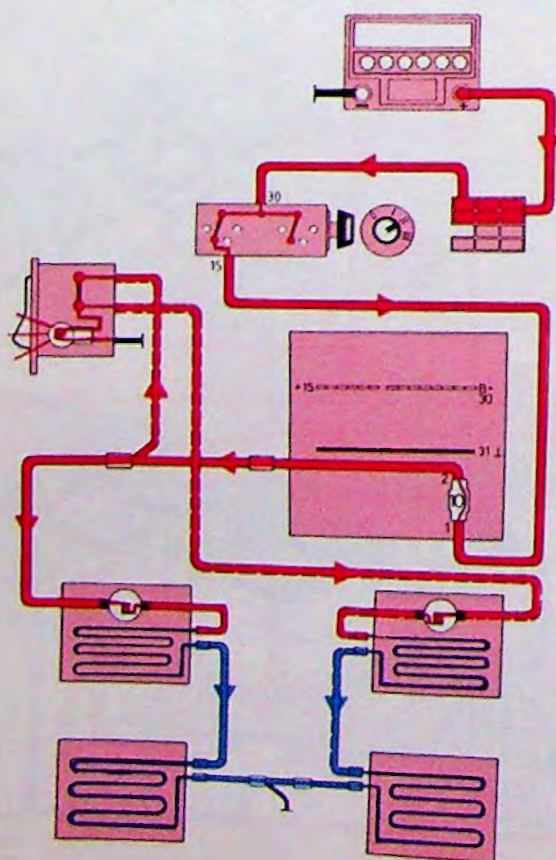
Elektrisch bediende buitenspiegels



Elektrische verwarming bestuurders-/passagiersstoel



Contact staat aan en ook de verwarming van de passagiersstoel is ingeschakeld

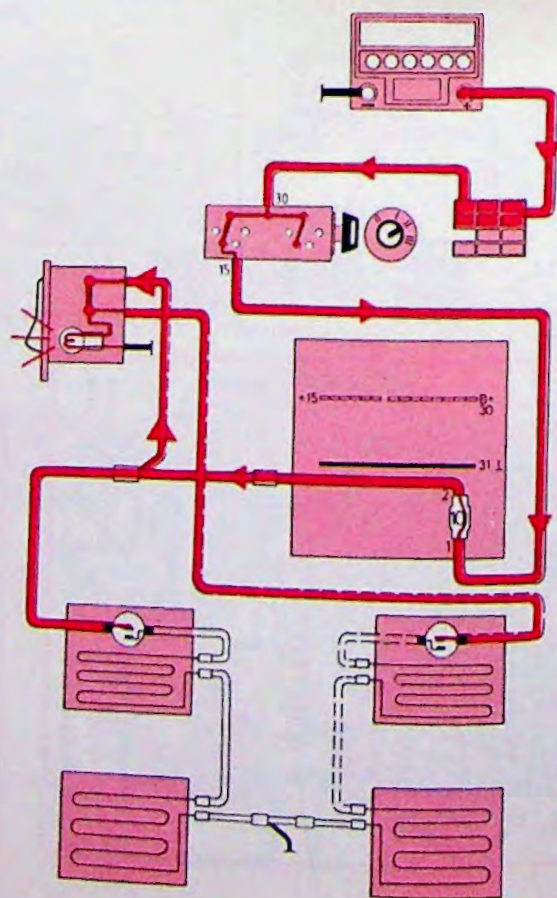


- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 53 Schakelaar, elektrische verwarming passagiersstoel
- 138 Verwarmingselement, zitting bestuurdersstoel
- 139 Verwarmingselement, rugleuning bestuurdersstoel
- 140 Verwarmingselement, zitting passagiersstoel
- 141 Verwarmingselement, rugleuning passagiersstoel
- 142 Thermostaat

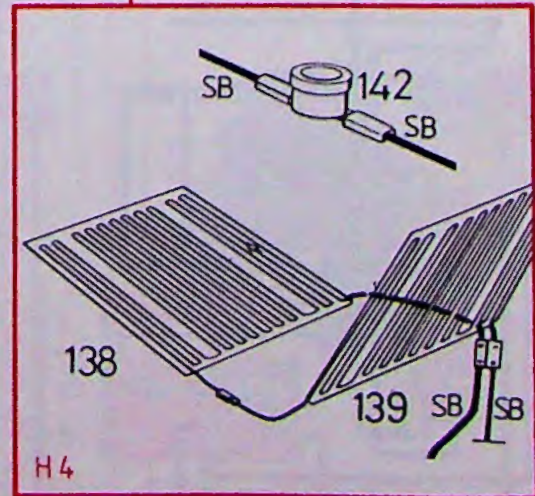
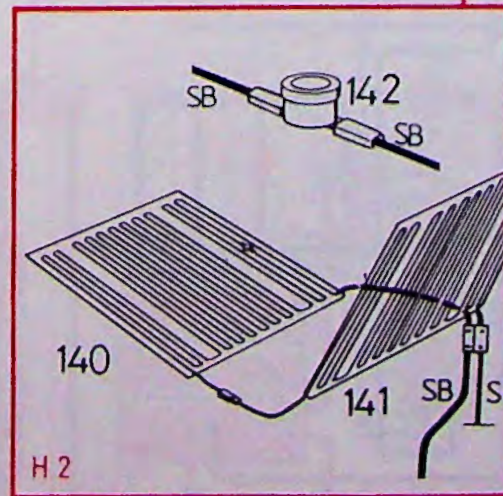
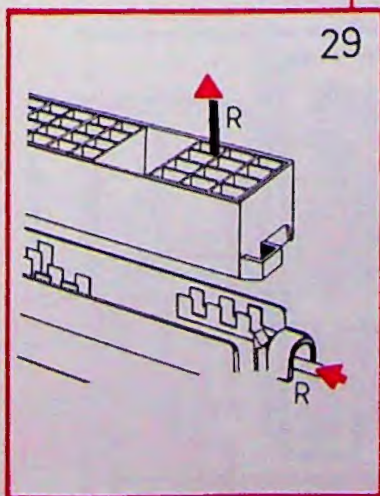
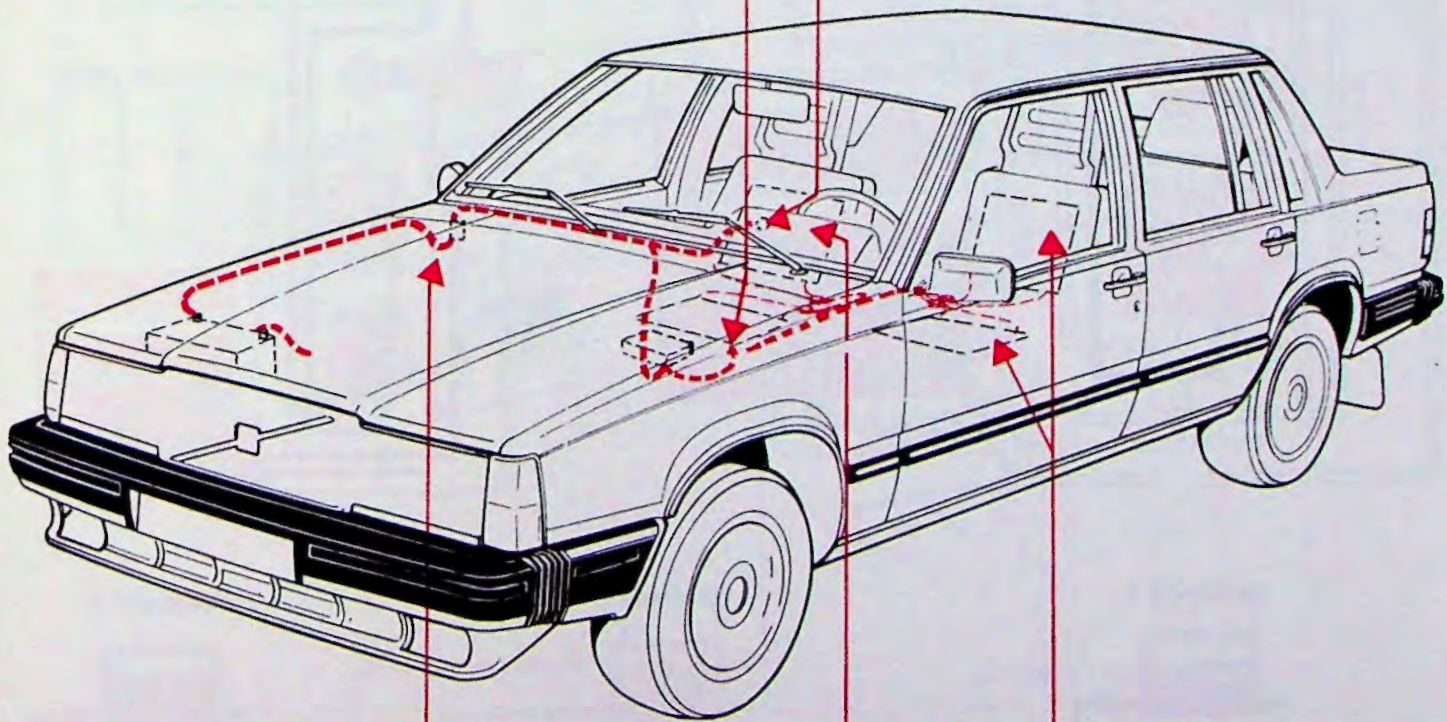
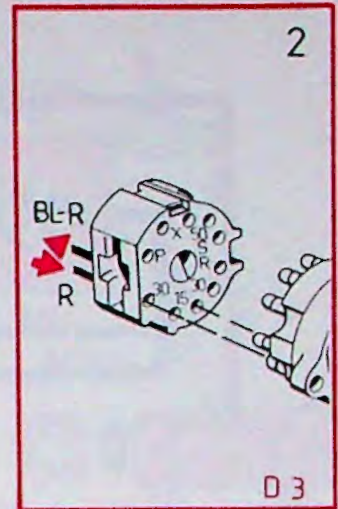
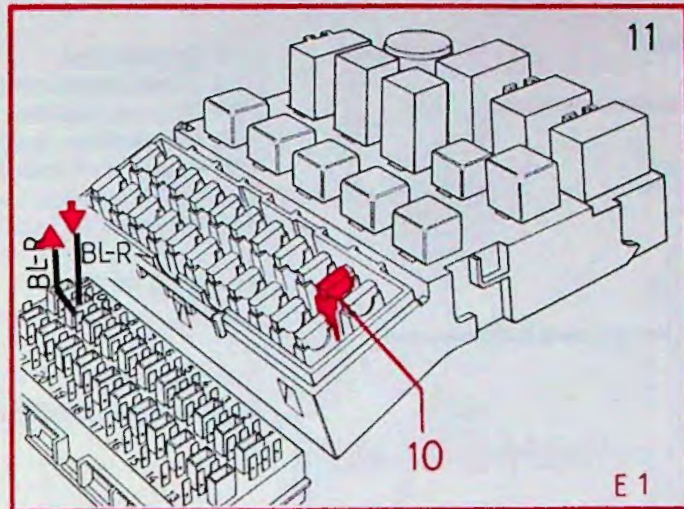
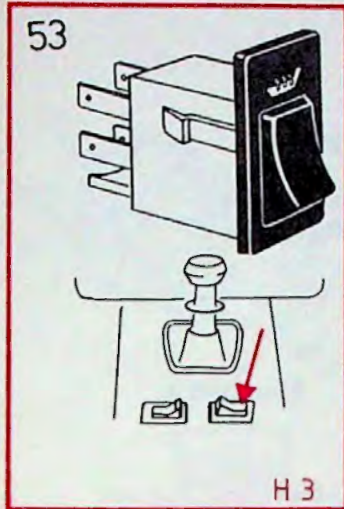
De thermostaat schakelt in bij +10°C en schakelt uit bij +30°C

Zekering nr 10
Instrumenten
Achteruitrijlichten

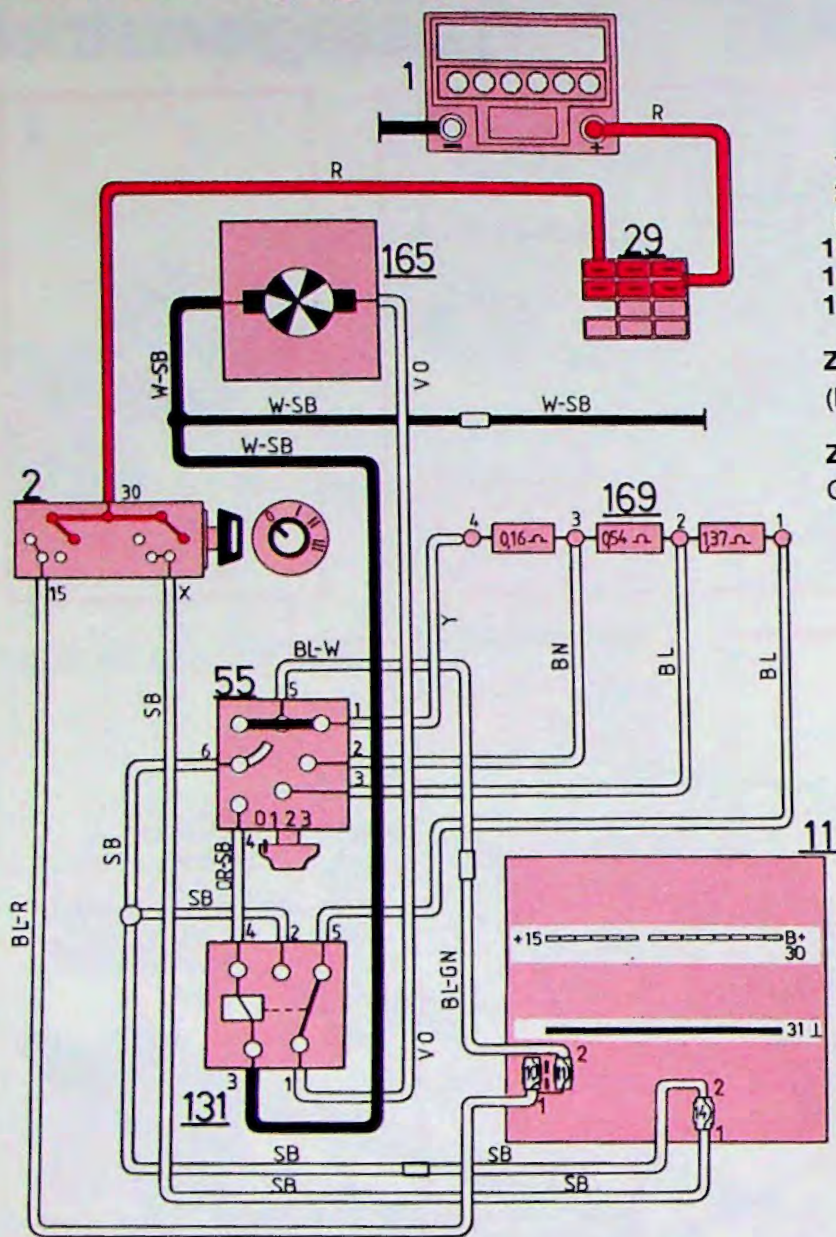
Temperatuur hoger dan +30°C;
de verwarmingselementen zijn door de thermostaat uitgeschakeld



Elektrische verwarming bestuurders- /passagiersstoel



Luchtaanjager, CU-verwarming



2 Contactslot
11 Zekeringenkastje
29 Plus-aansluiting
55 Schakelaar, luchtaanjager
131 Relais, luchtaanjager
165 Elektromotor, luchtaanjager
169 Weerstand, luchtaanjager

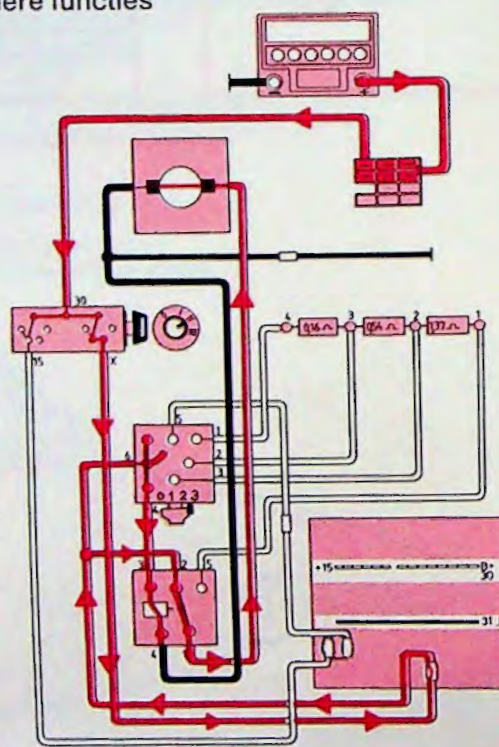
Zekering nr 11

(Dagrijlichten)

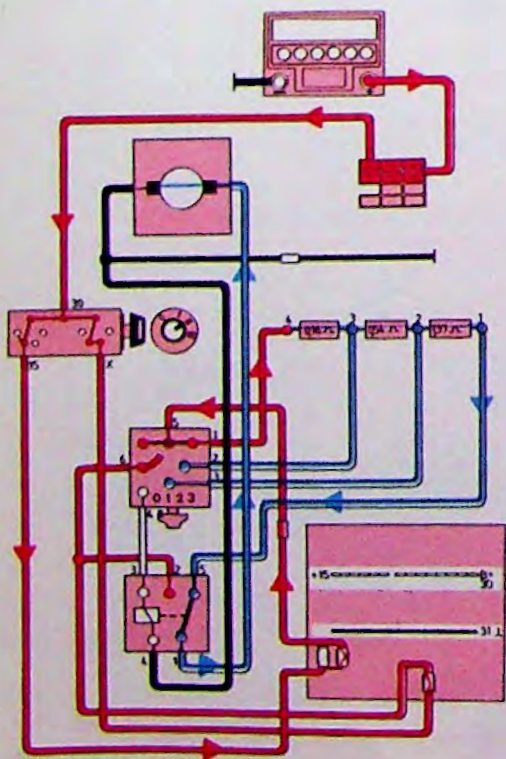
Zekering nr 14

Geen andere functies

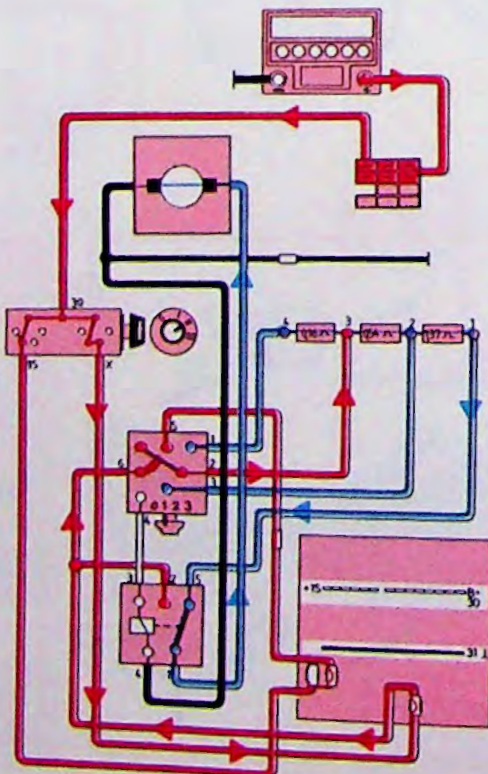
Snelheid 4



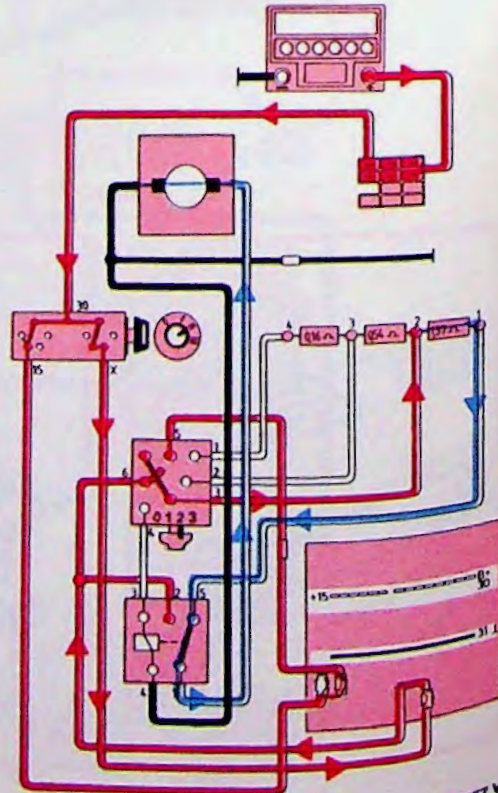
Snelheid 1



Snelheid 2

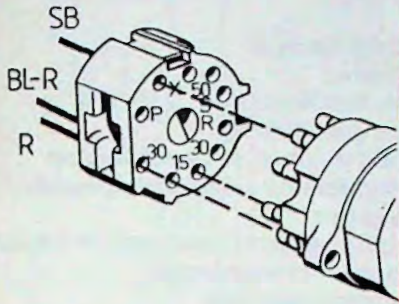


Snelheid 3



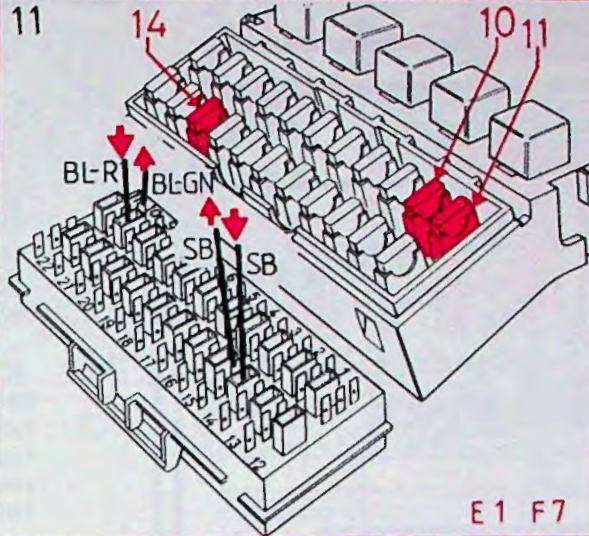
Luchtaanjager, CU-verwarming

2



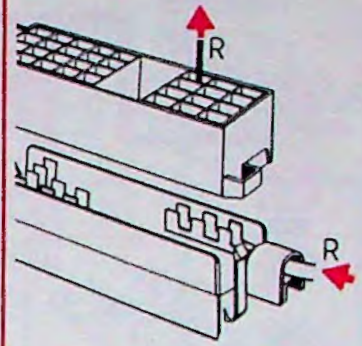
D 3

11

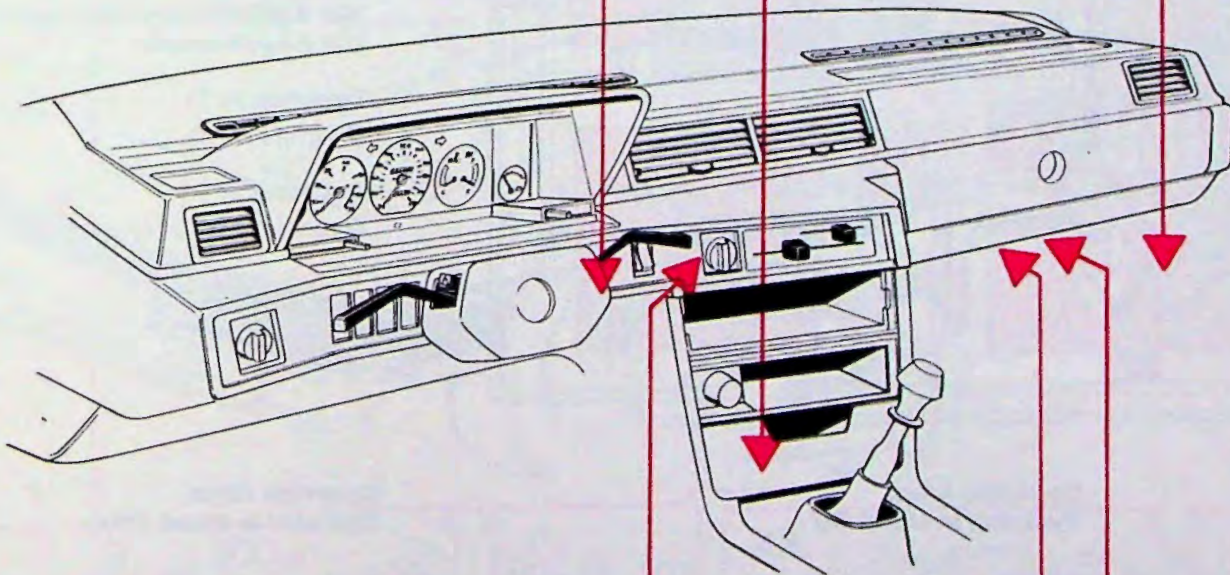


E 1 F 7

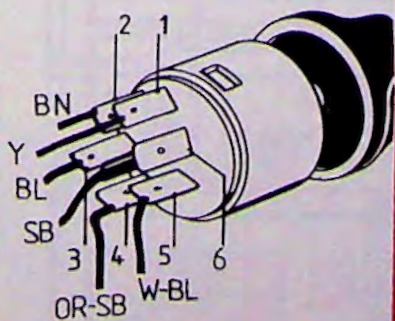
29



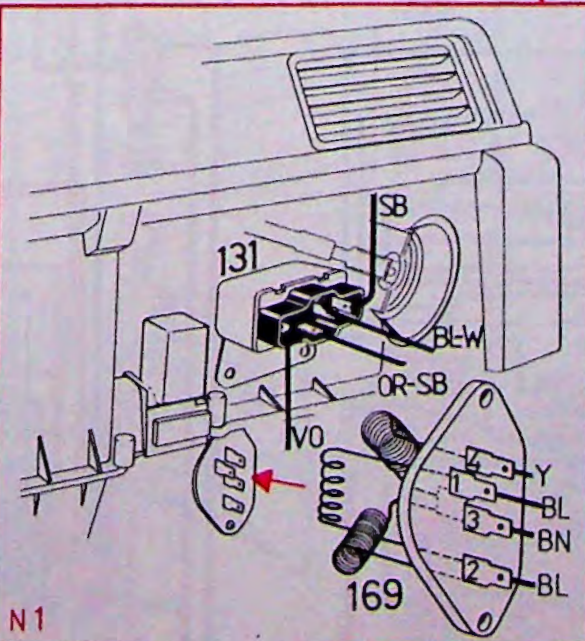
C 2



55

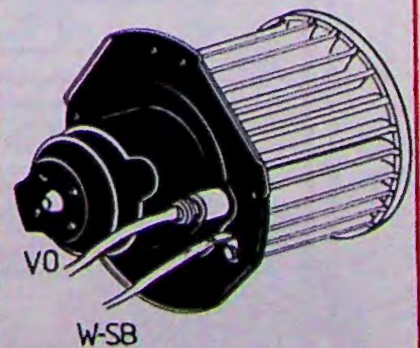


N 1



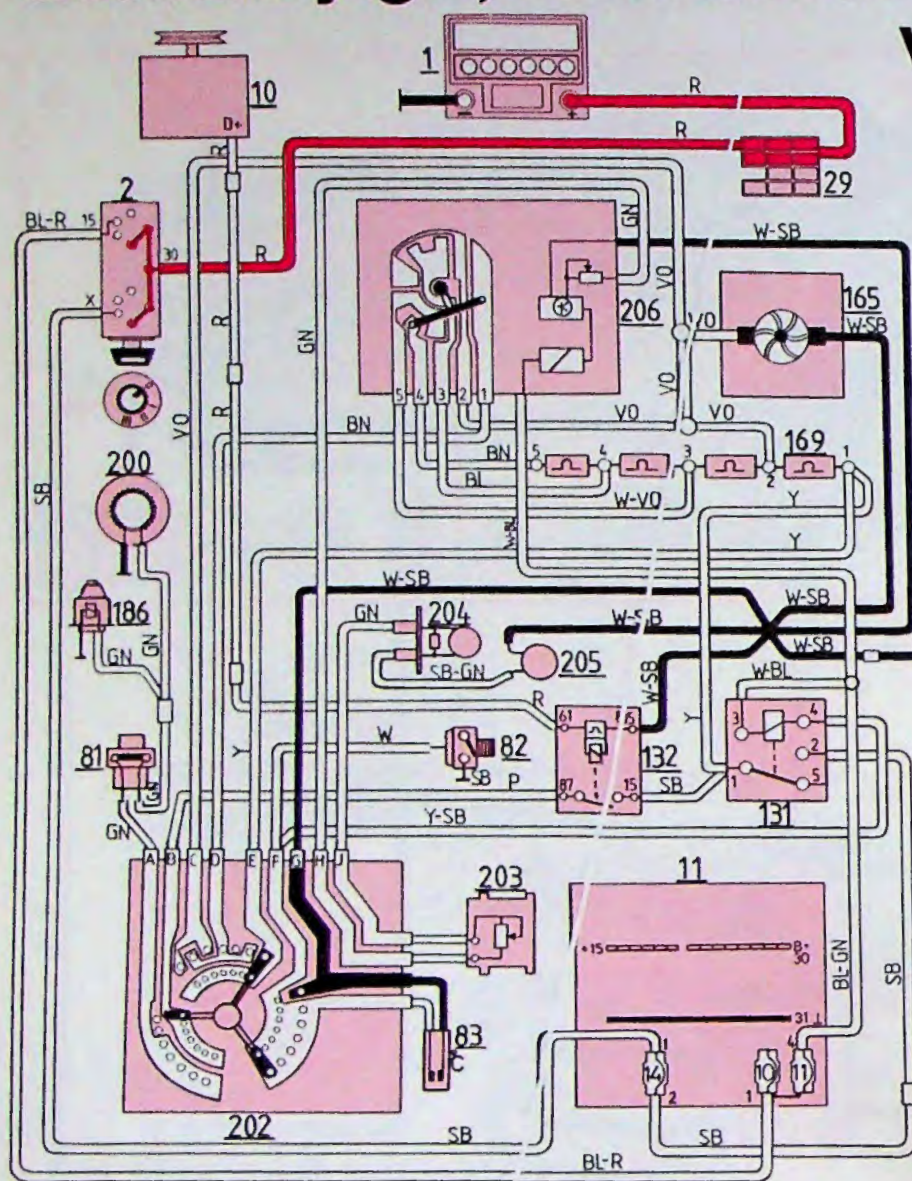
N 1

165



N 1

Luchtaanjager, automatisch verwarmings- en ventilatiesysteem



- 2 Contactslot
- 10 Dynamo
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 81 Drukregelaar airconditioning
- 82 Temperatuurschakelaar, lucht-aanjager
- 83 Temperatuurschakelaar, in de auto
- 131 Relais, luchtaanjager
- 132 Vertragsrelais
- 165 Elektromotor, luchtaanjager
- 169 Weerstand
- 186 Elektromagnetische klep, compensatie stationair toerental
- 200 Elektromagnetische klep, compressor
- 202 Verwarming en ventilatie
- 203 Temperatuurregeling
- 204 Buitentemperatuurgever
- 205 Binnentemperatuurgever
- 206 Regeleenheid

Zekering nr 11

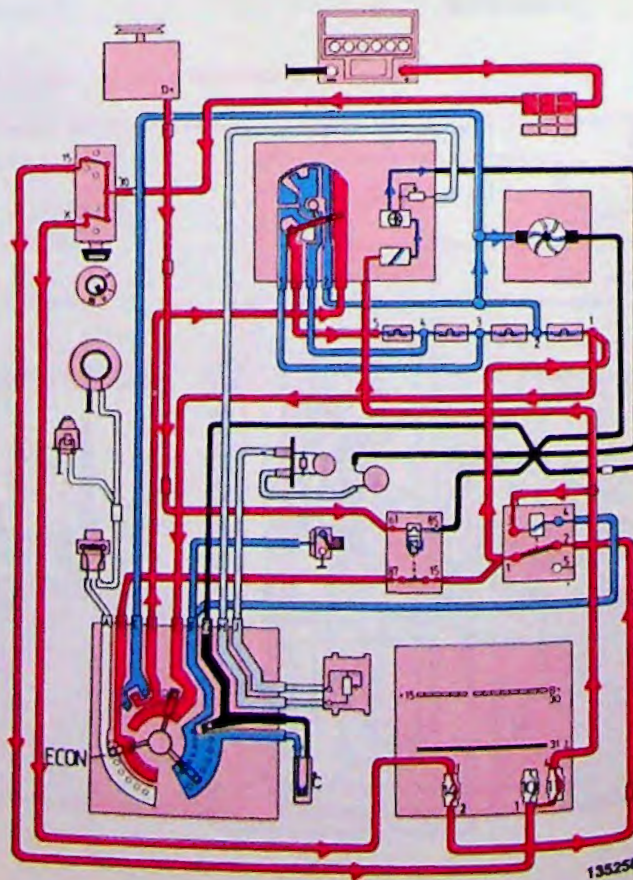
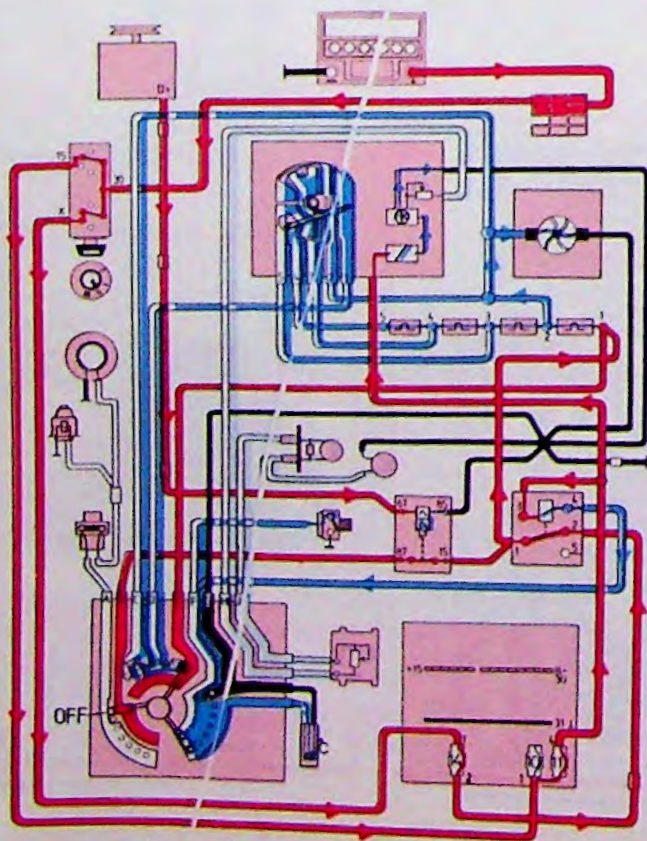
(Dagrijlichten)

Zekering nr 14

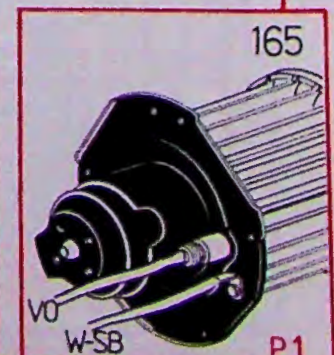
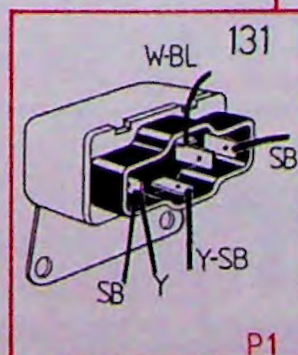
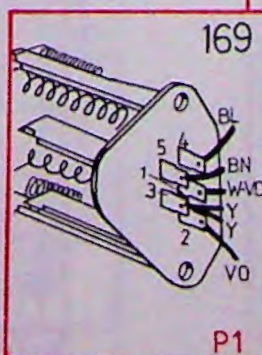
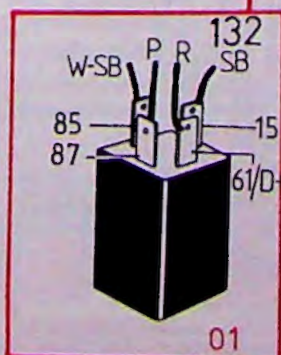
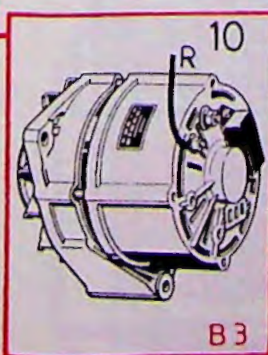
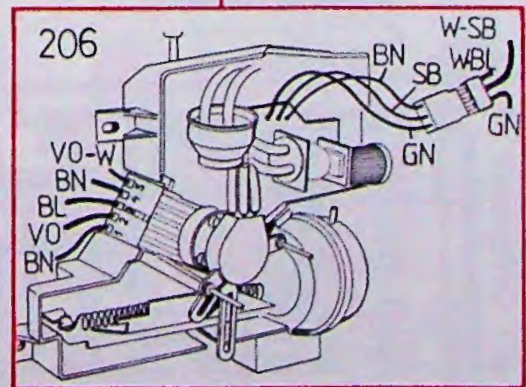
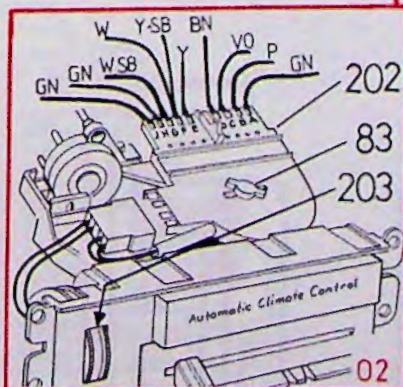
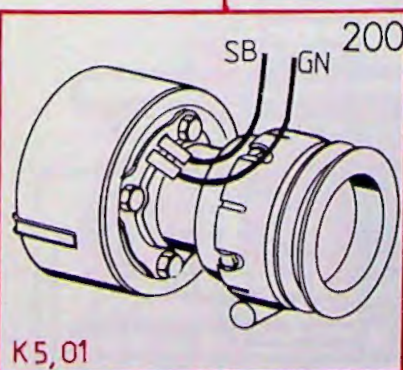
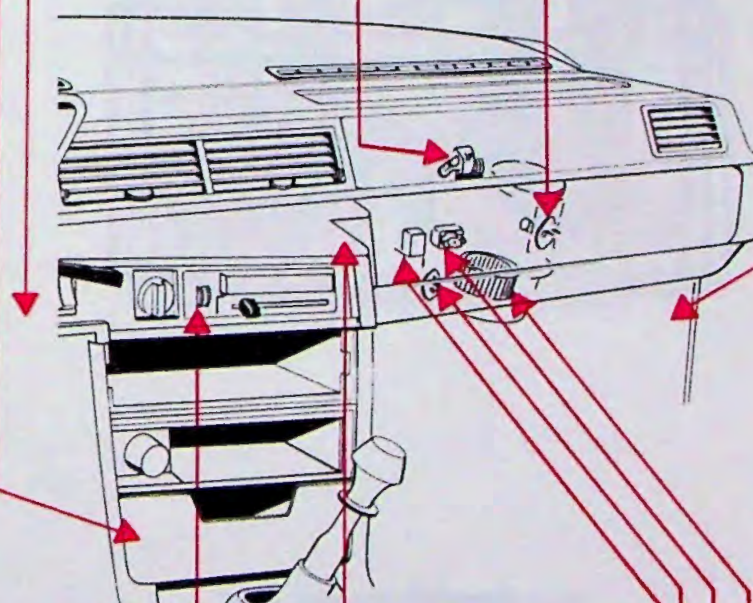
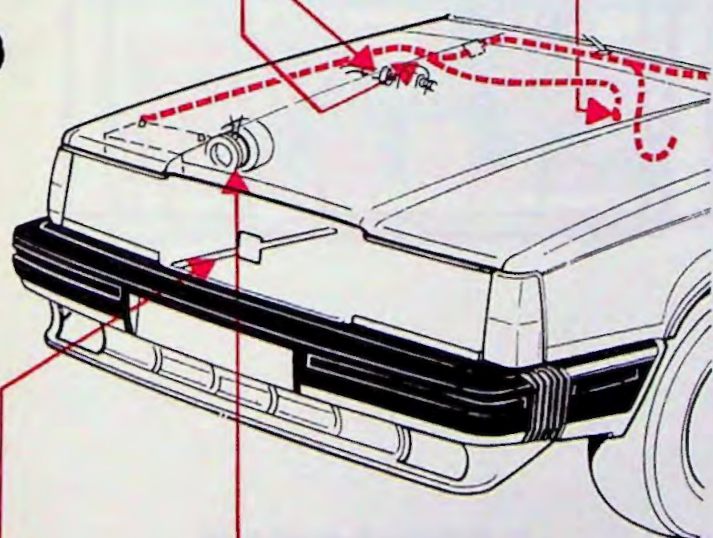
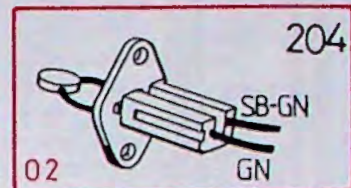
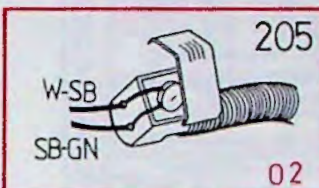
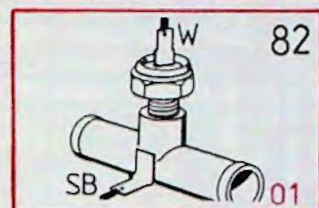
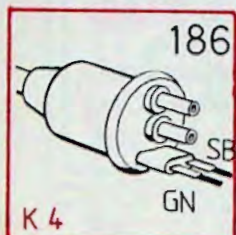
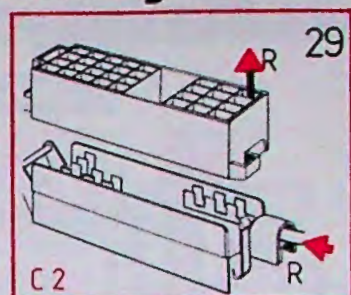
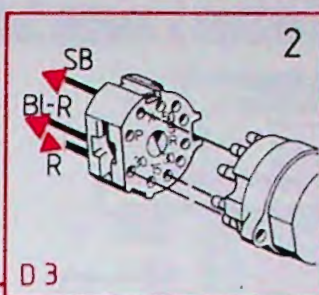
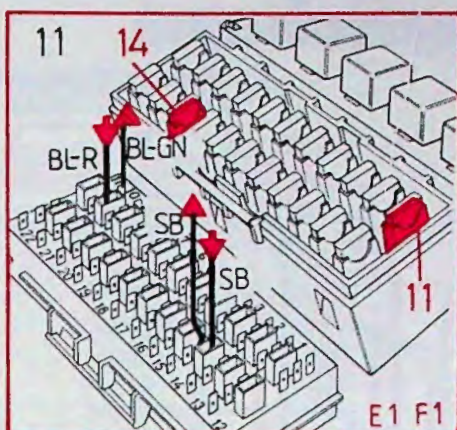
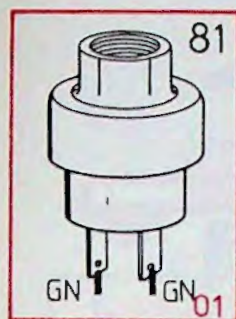
Geen andere functies

De motor loopt
Systeem in stand Off

De motor loopt
Systeem in stand Econ

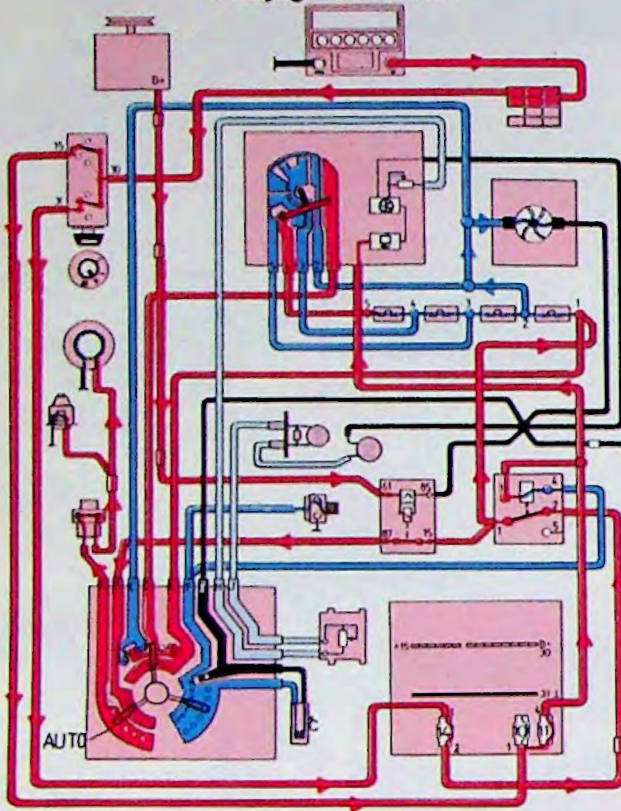


Luchtaanjager, automatisch verwarmings- en ventilatiesysteem

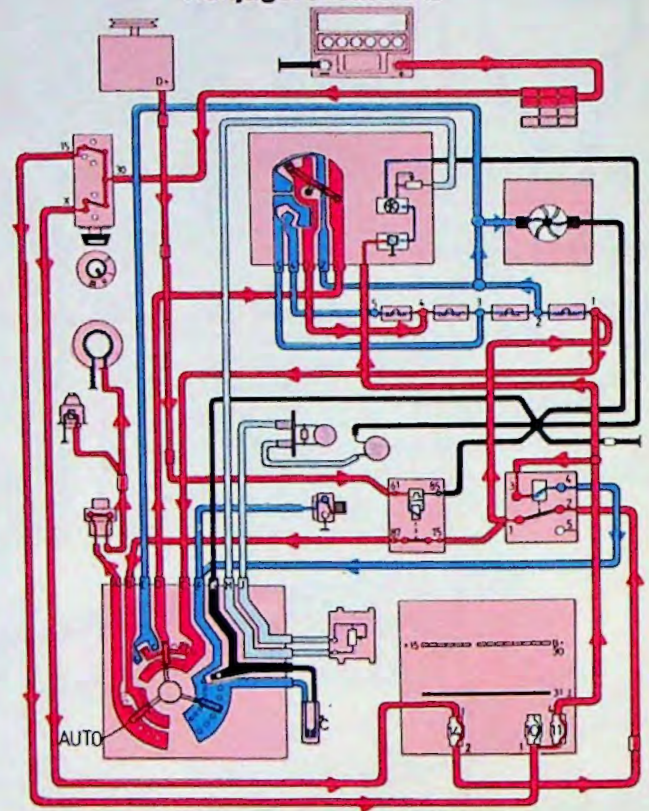


Luchtaanjager, automatisch verwarmings- en ventilatiesysteem werkingsschema

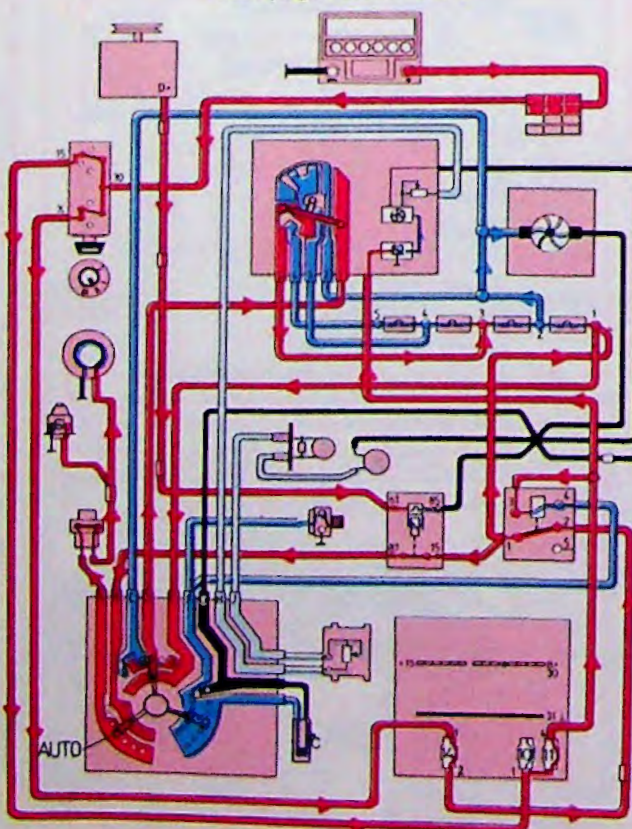
Systeem in stand Auto
Aanjagersnelheid 1



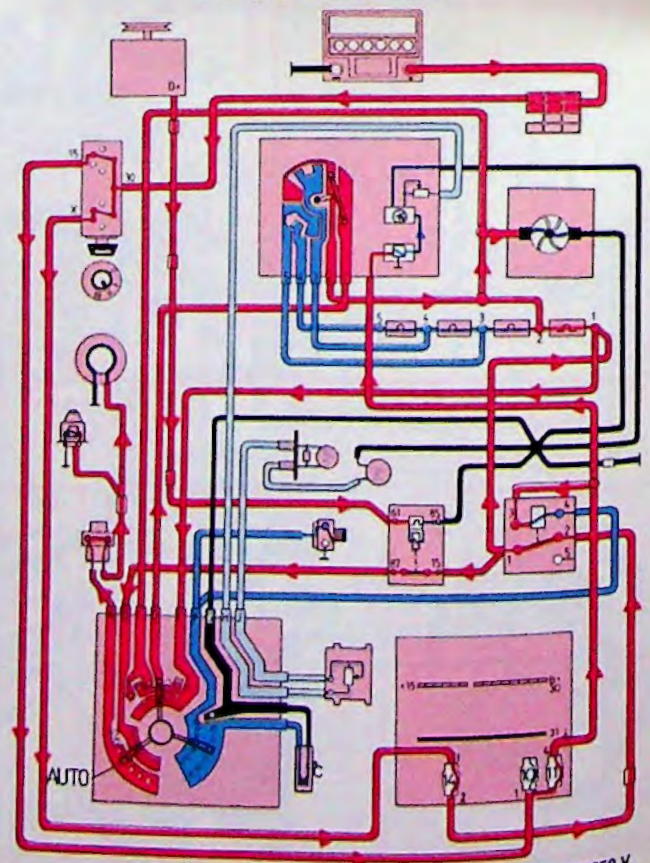
Systeem in stand Auto
Aanjagersnelheid 2



Systeem in stand Auto
Aanjagersnelheid 3

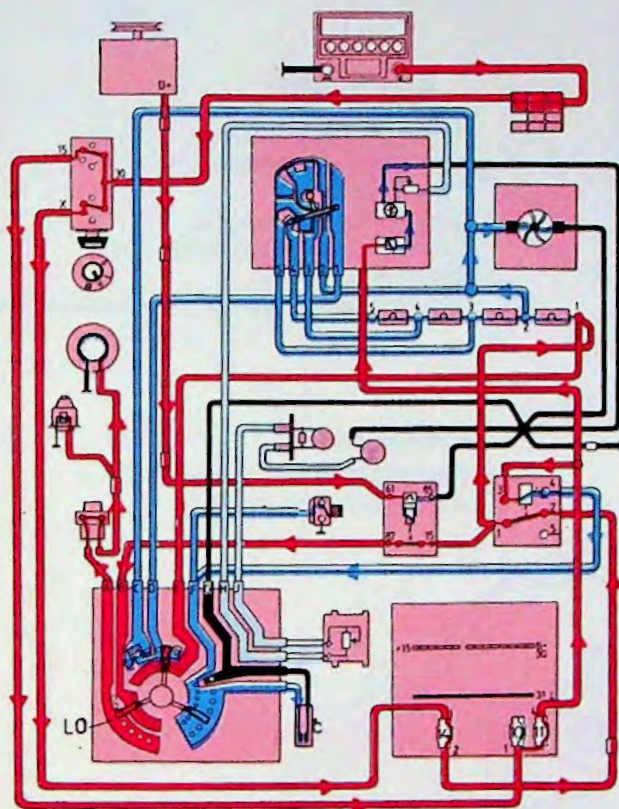


Systeem in stand Auto
Aanjagersnelheid 4

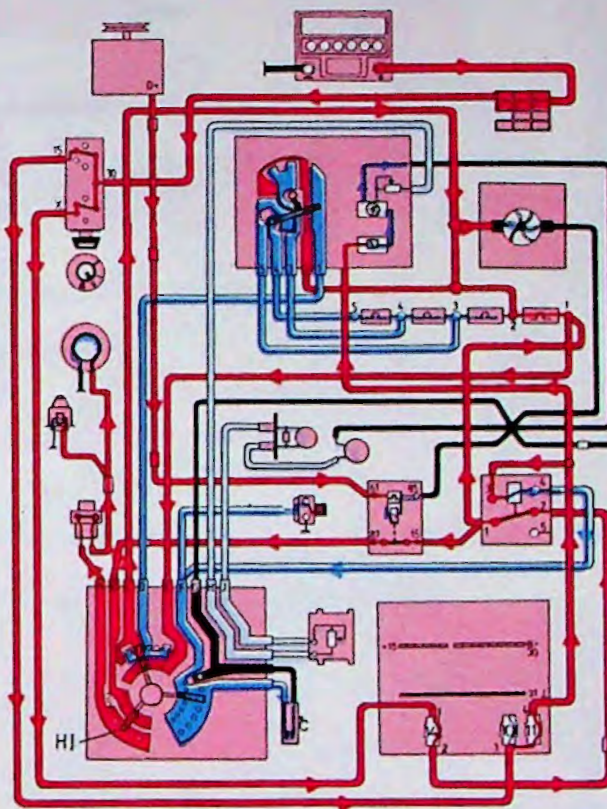


Luchtaanjager, automatisch verwarmings- en ventilatiesysteem werkingsschema

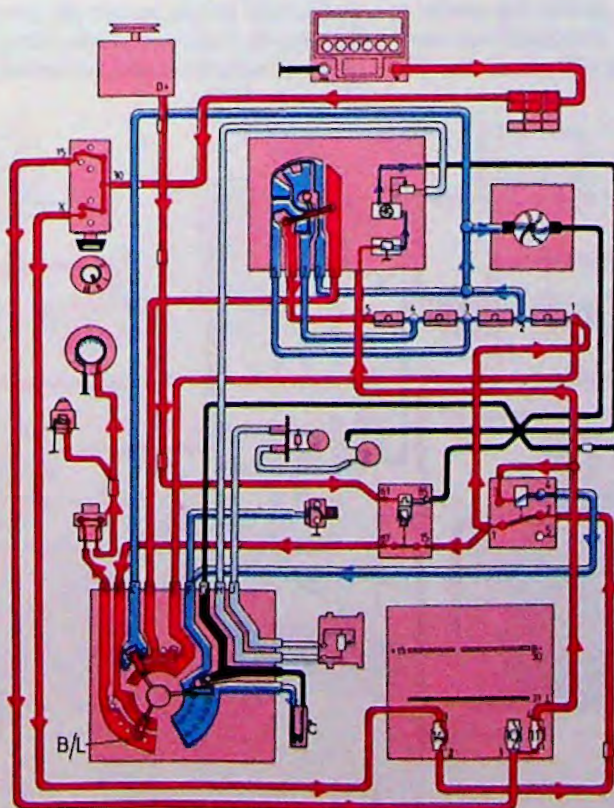
Systeem in stand LO



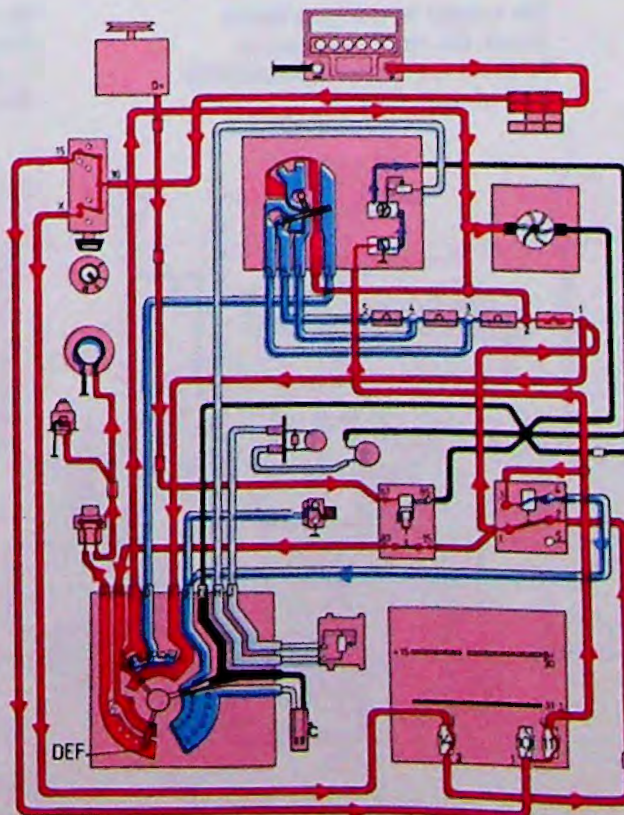
Systeem in stand HI



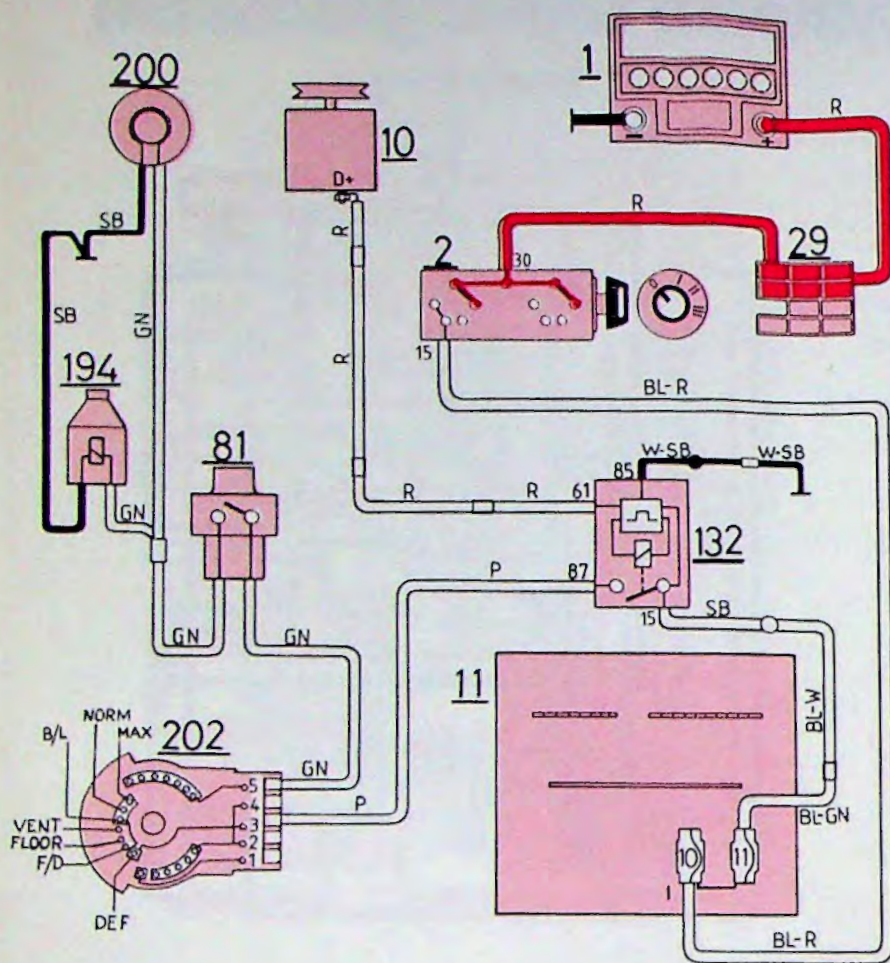
Systeem in stand B/L



Systeem in stand DEF



Airconditioning



- 2 Contactslot
- 10 Dynamo
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 81 Drukvoeler
- 132 Vertragsrelais
- 194 Elektromagnetische klep
- 200 Compressor
- 202 Verwarmings- en ventilatiesysteem

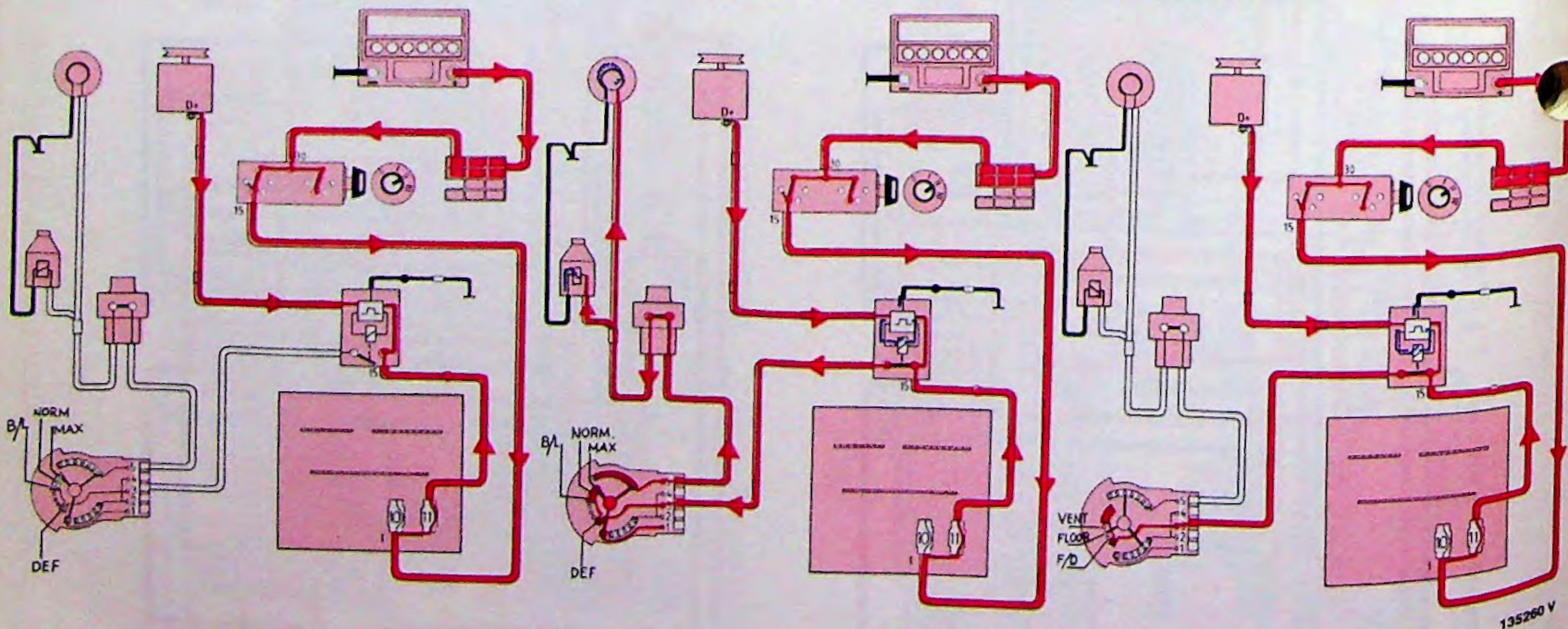
Zekering nr 11

Dagrijlichten (bepaalde landen)
Aanjagermotor, snelheid 1

De motor is aangeslagen
maar de airconditioning
is door het vertragsrelais
132 uitgeschakeld

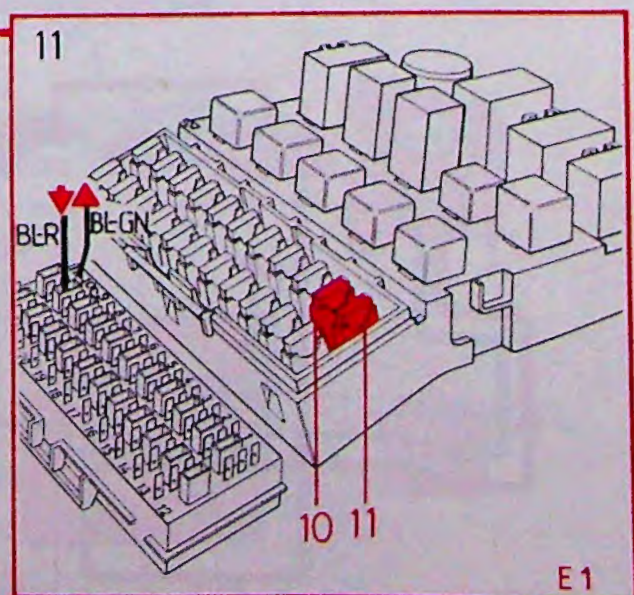
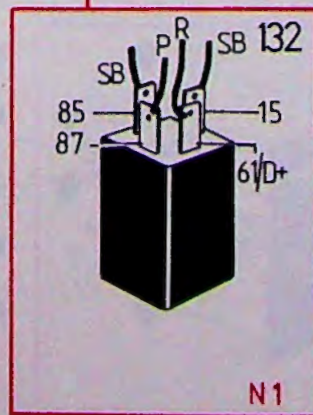
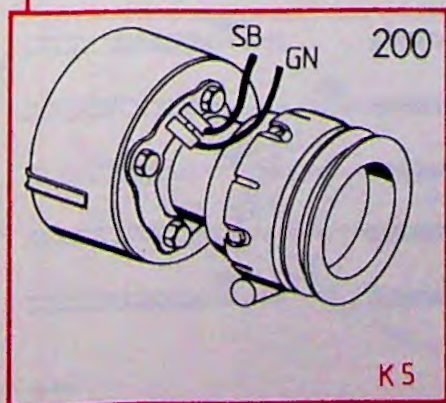
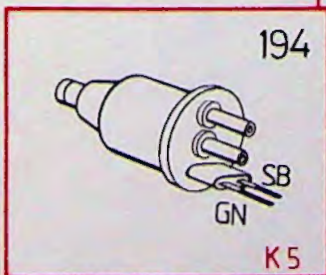
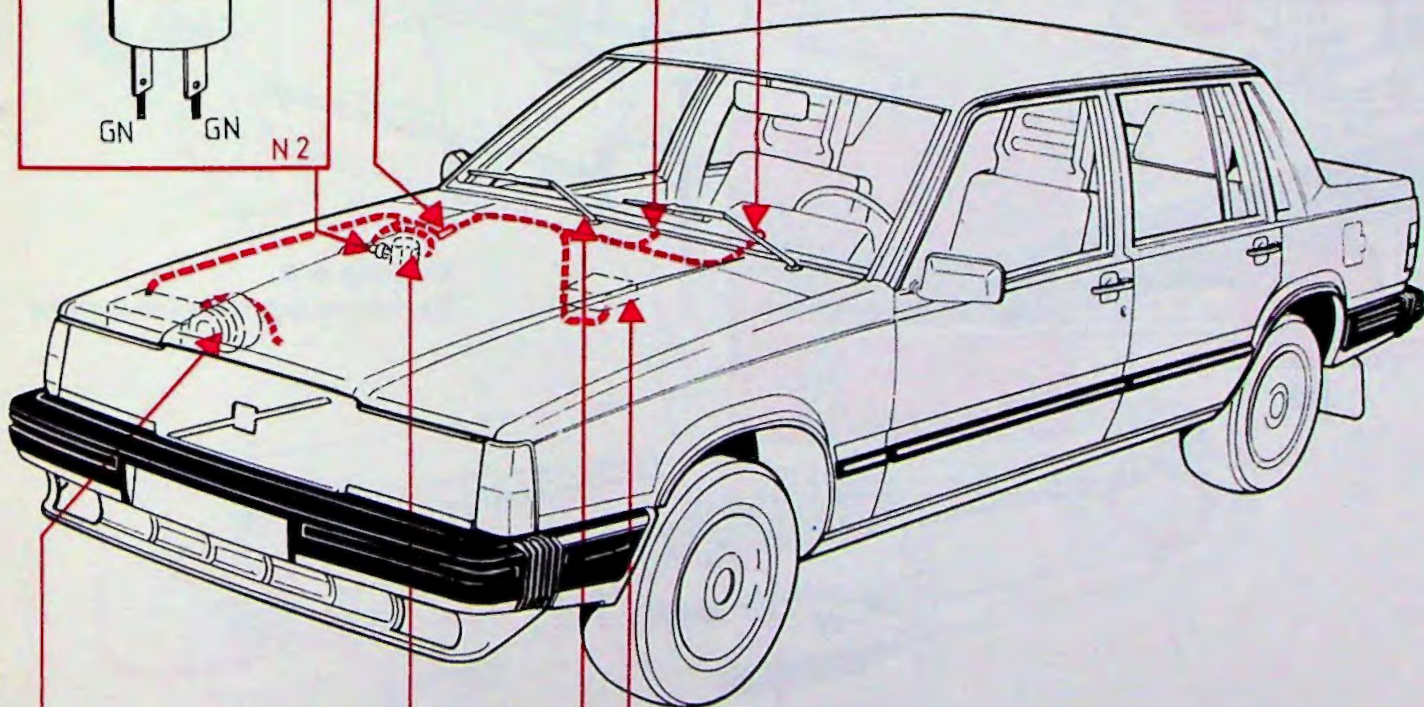
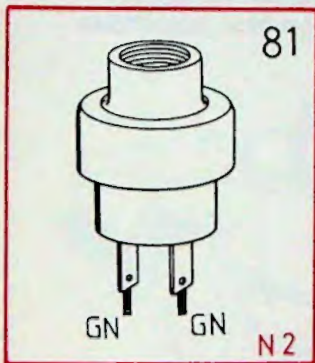
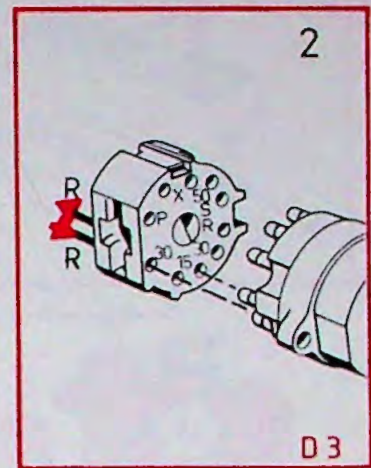
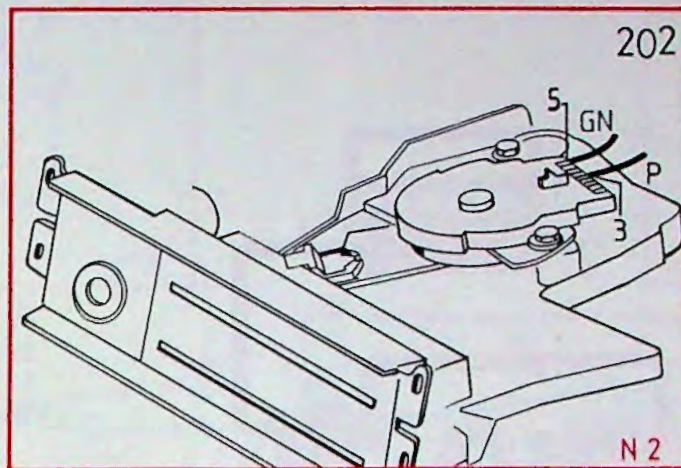
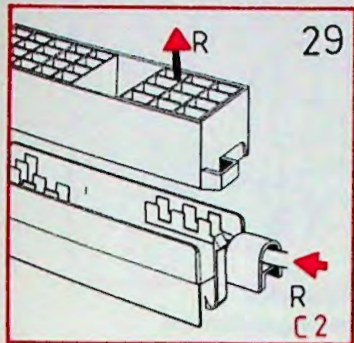
10 seconden, nadat de motor is
aangeslagen, schakelt het ver-
tragsrelais 132 de aircondi-
tioning in

De motor loopt, maar de aircondi-
tioning is door de bediening 202
uitgeschakeld in de standen Vent,
Floor en F/D

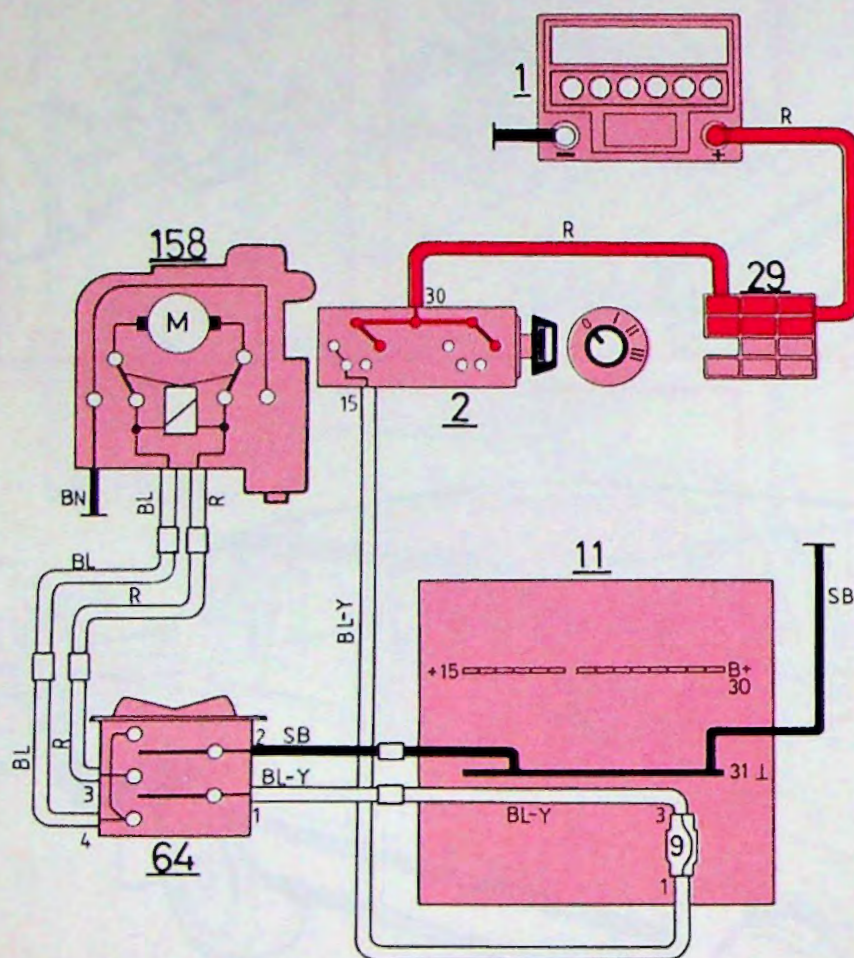


135280 V

Airconditioning



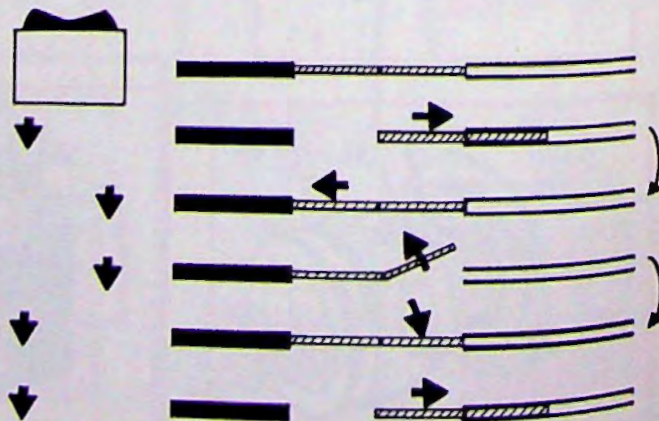
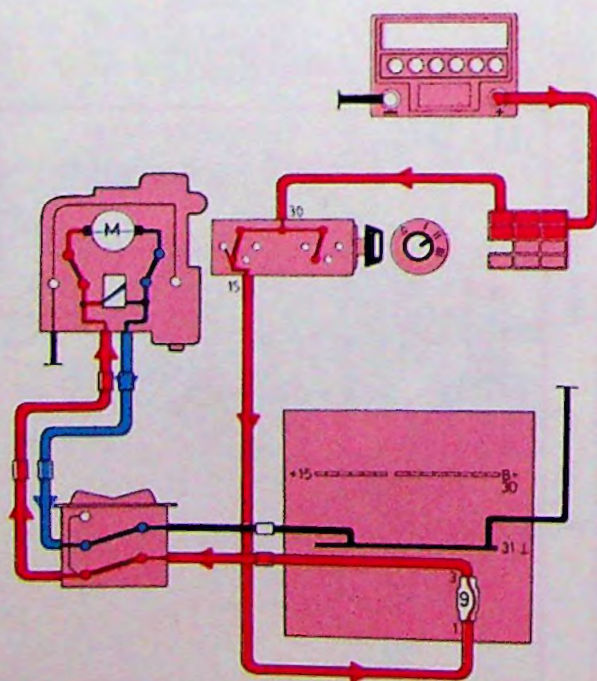
Elektrisch bediend schuifdak



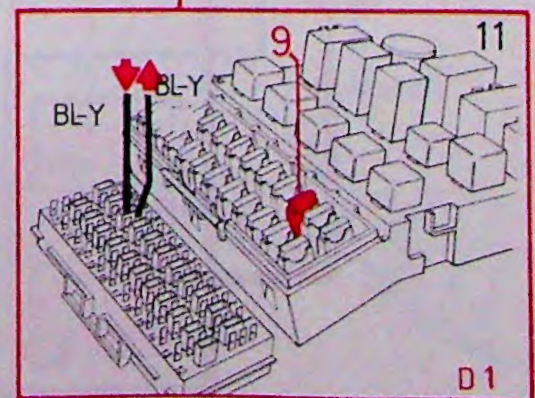
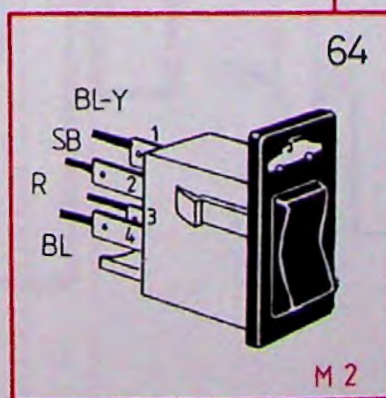
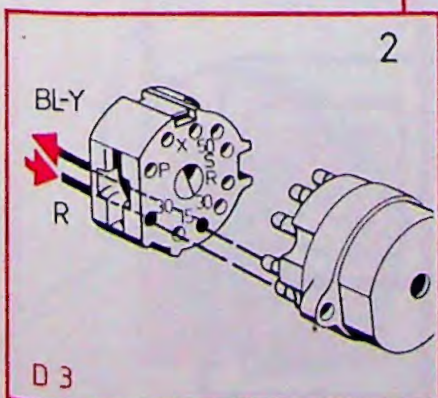
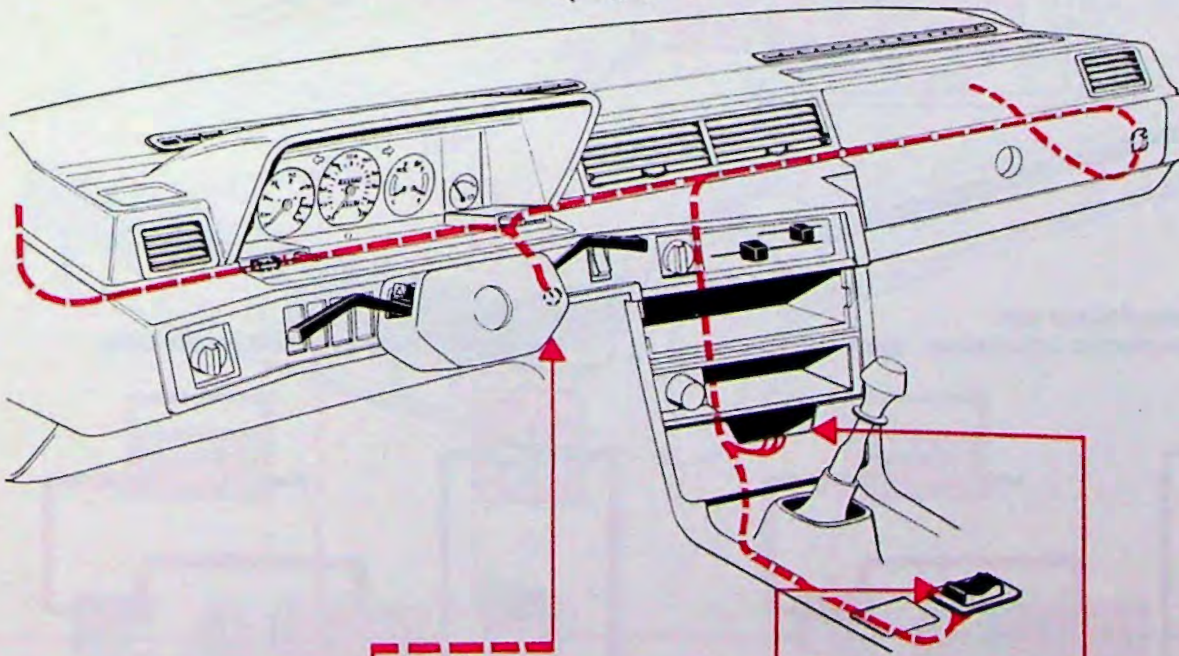
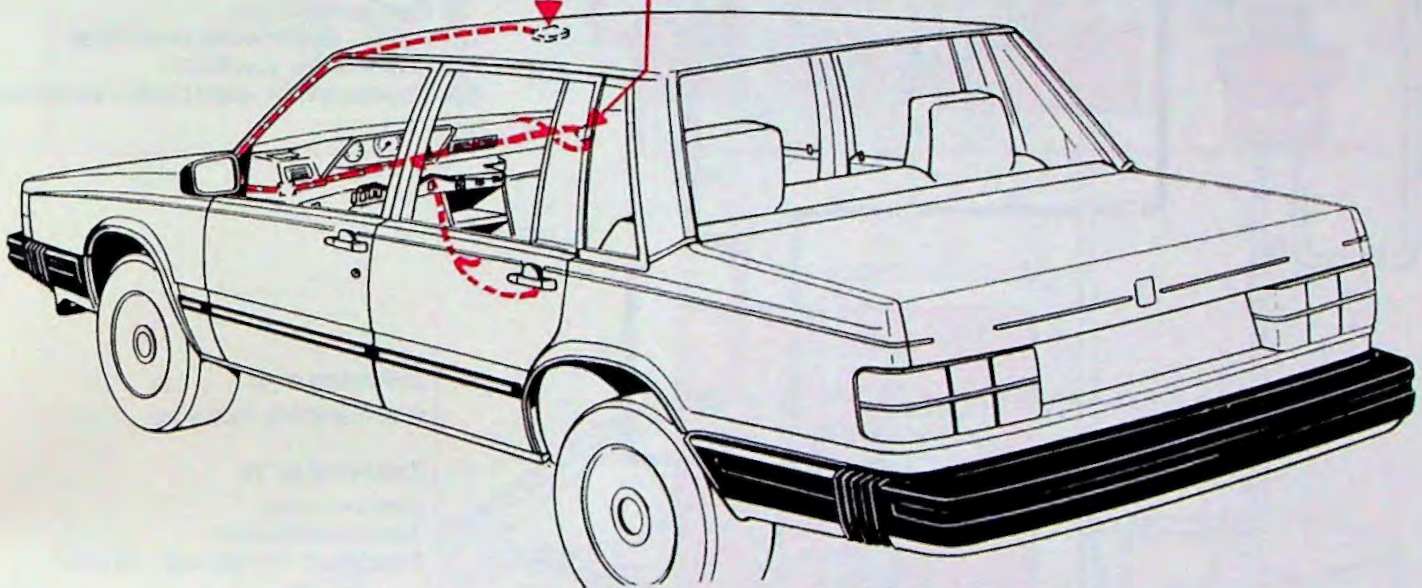
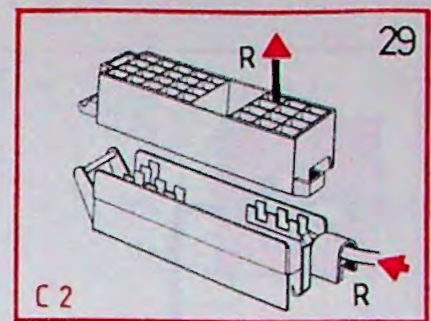
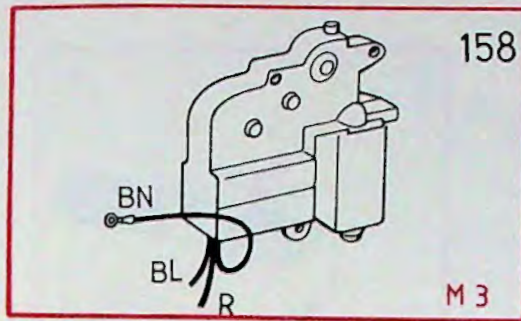
- 2 Contactslot
11 Zekeringenkastje
29 Plus-aansluiting
64 Schakelaar, schuifdak
158 Elektromotor, schuifdak

Zekering nr 9

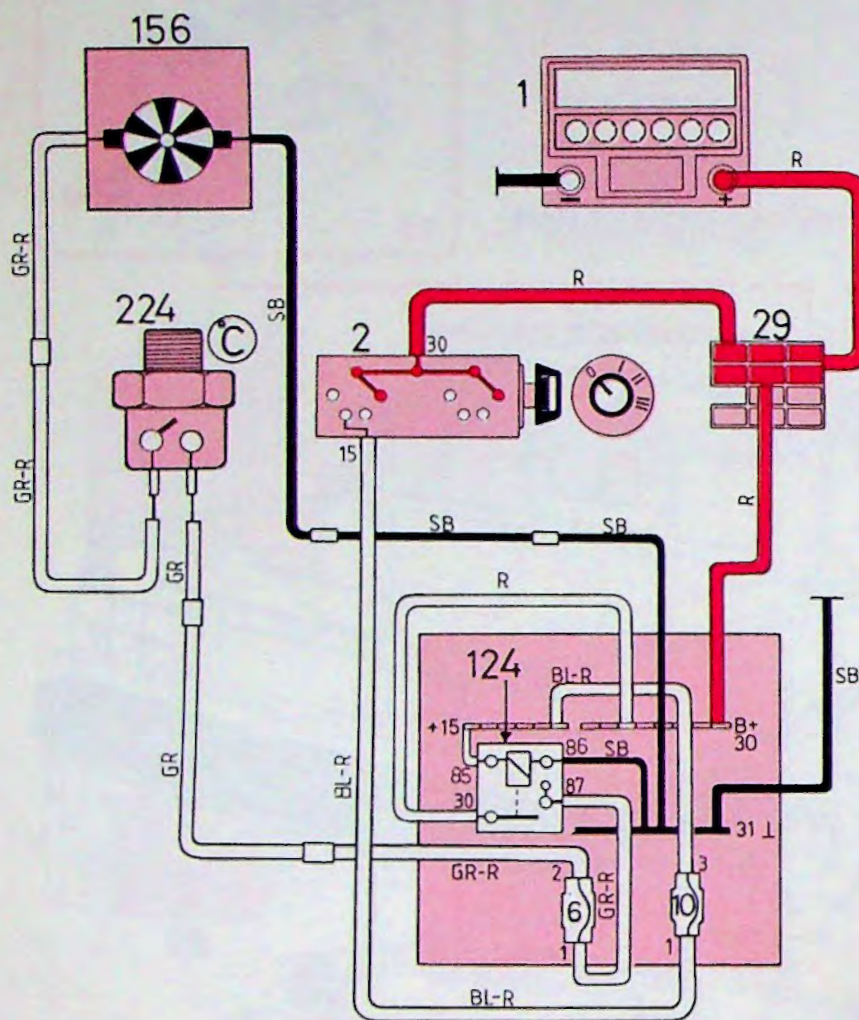
Elektrische achterruitverwarming



Elektrisch bediend schuifdak



Elektrische ventilator

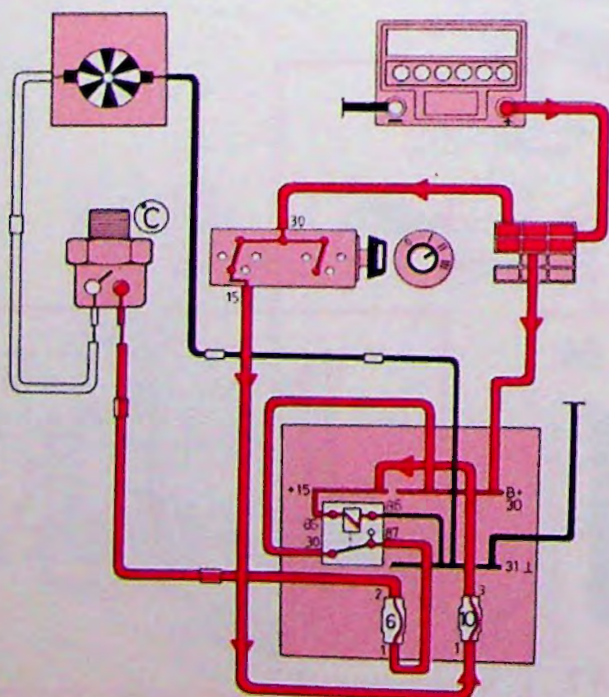


2 Contactslot
29 Plus-aansluiting
124 Relais, elektrische ventilator
156 Elektrische ventilator
224 Thermostaat, elektrische ventilator

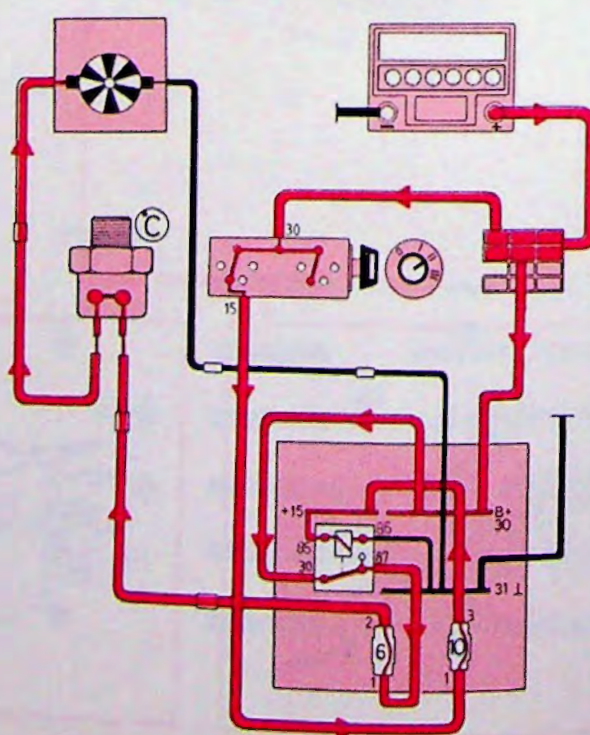
Zekering nr 6
Geen andere functies

Zekering nr 10
Instrumenten
Achteruitrijlichten
Elektrisch verwarmde stoelen

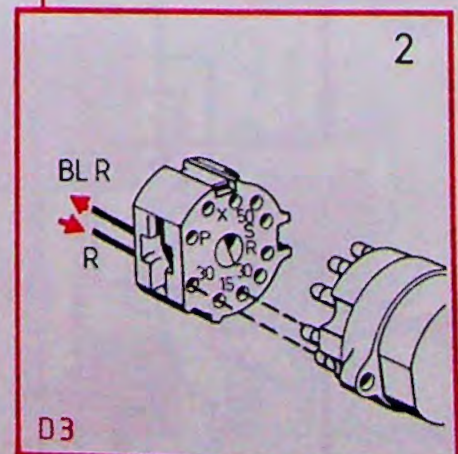
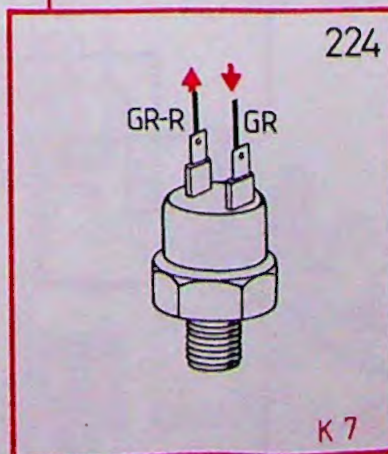
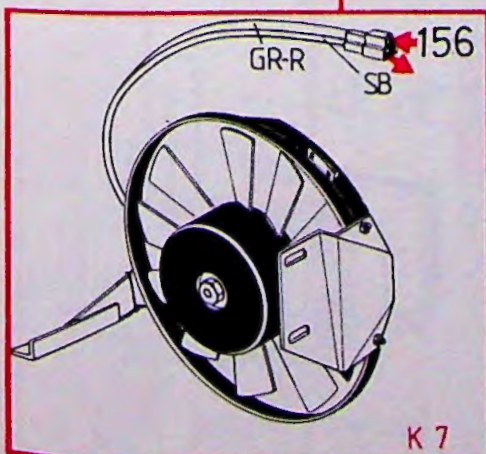
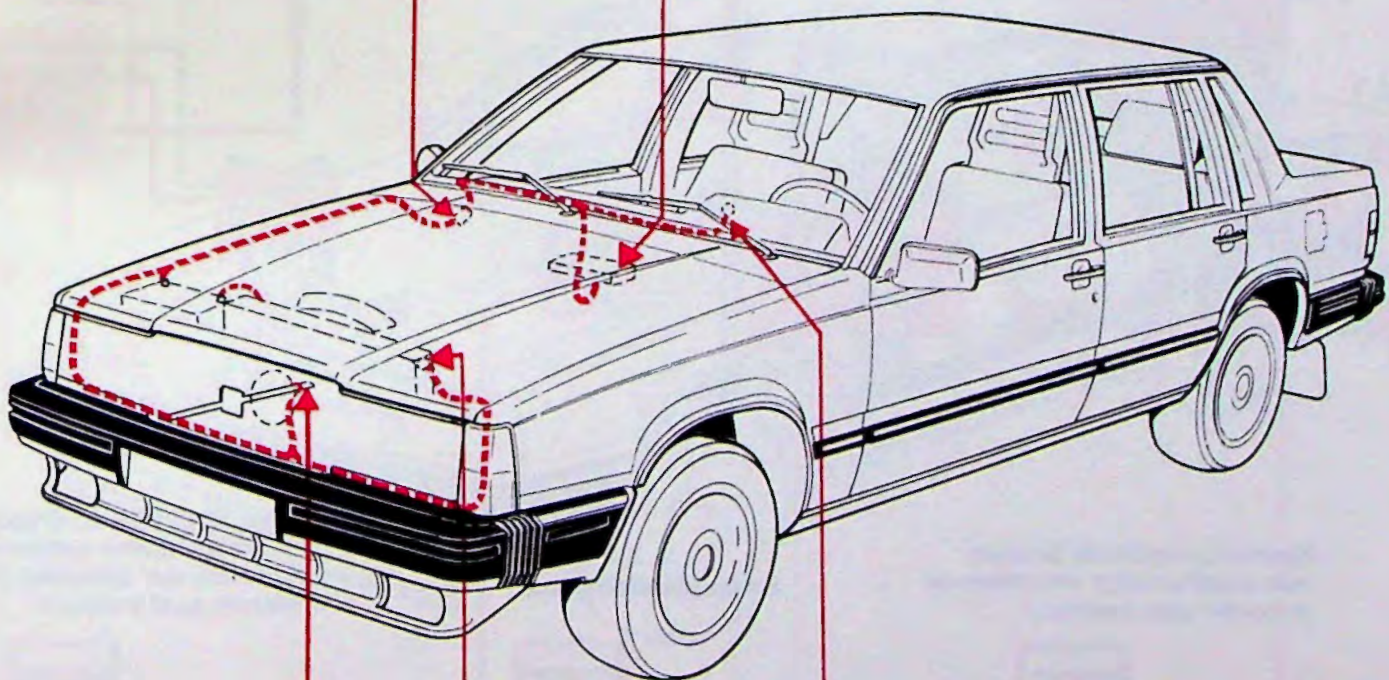
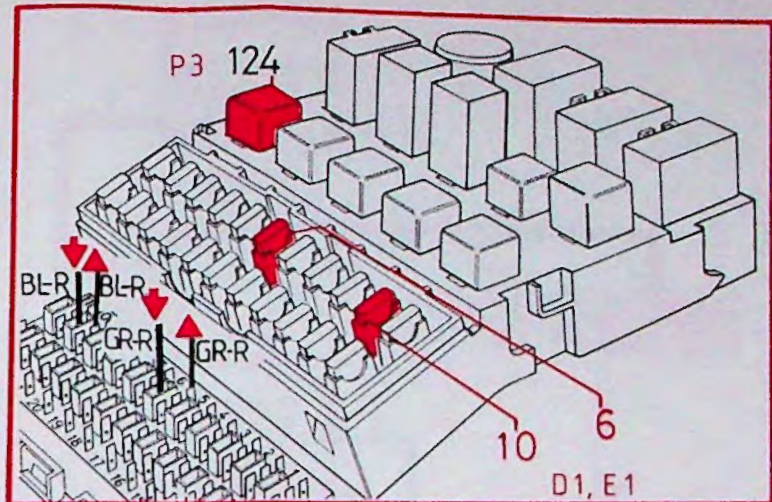
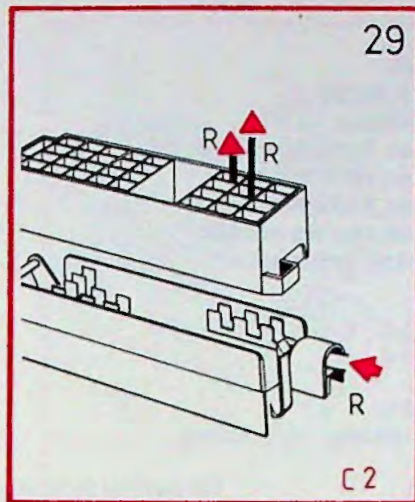
Contact staat aan
Thermische schakelaar open



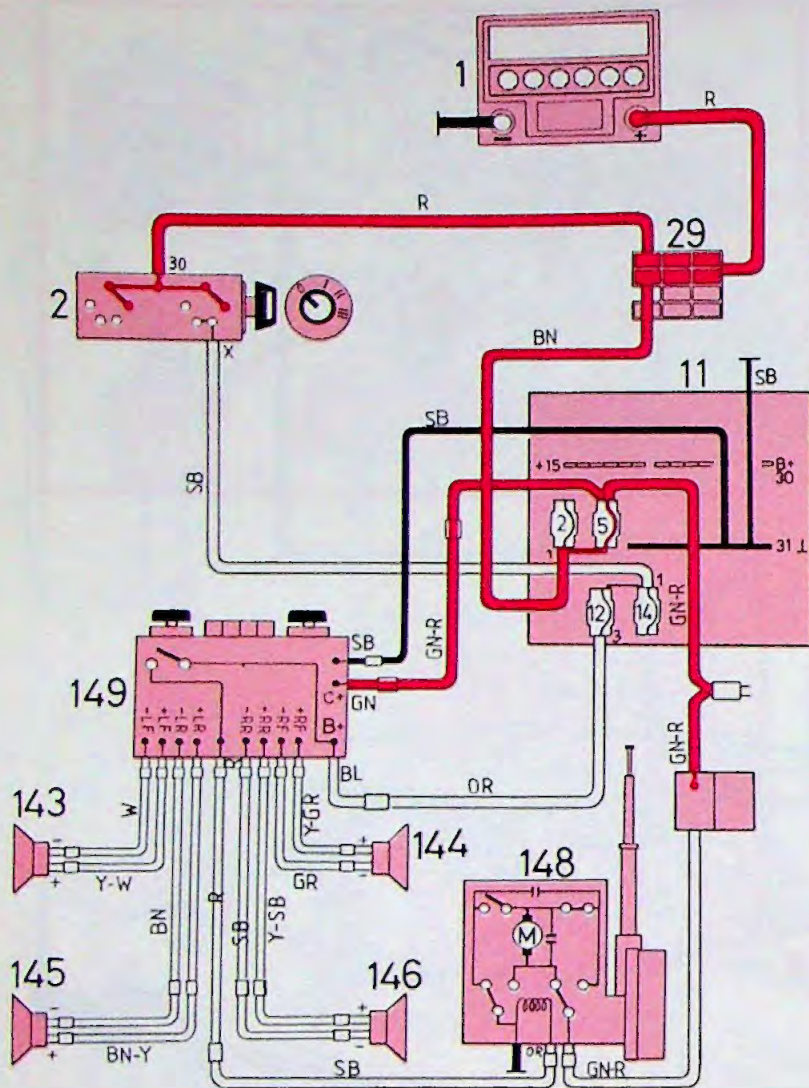
Contact staat aan Thermische schakelaar gesloten



Elektrische ventilator



Motor-bediende antenne

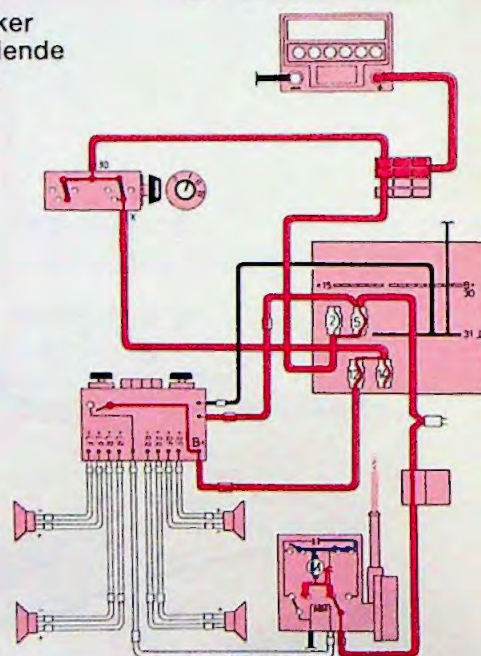


- 2 Contactslot
- 11 Zekeringenkastje
- 29 Plus-aansluiting
- 143 Luidspreker, links vóór
- 144 Luidspreker, rechts vóór
- 145 Luidspreker, links achter
- 146 Luidspreker, rechts achter
- 148 Elektromotor, antenne
- 149 Radio

- Zekering nr 5
- Klokje
- Binnenverlichting
- Handschoenenkastje, verlichting

- Zekering nr 12
- Sigare-aansteker
- Elektrisch bediende buitenspiegels

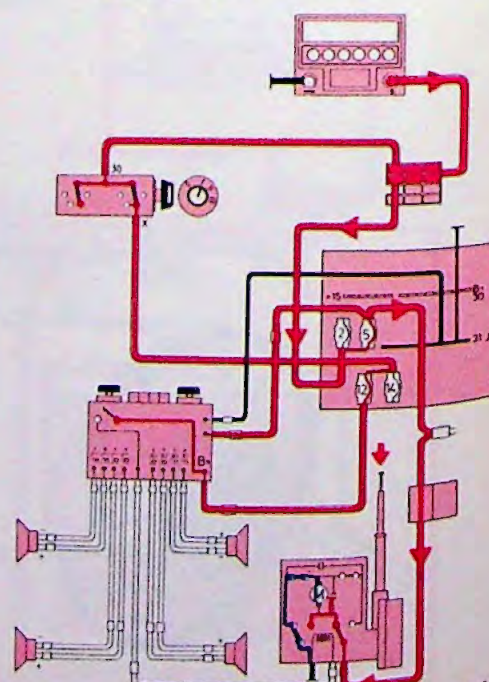
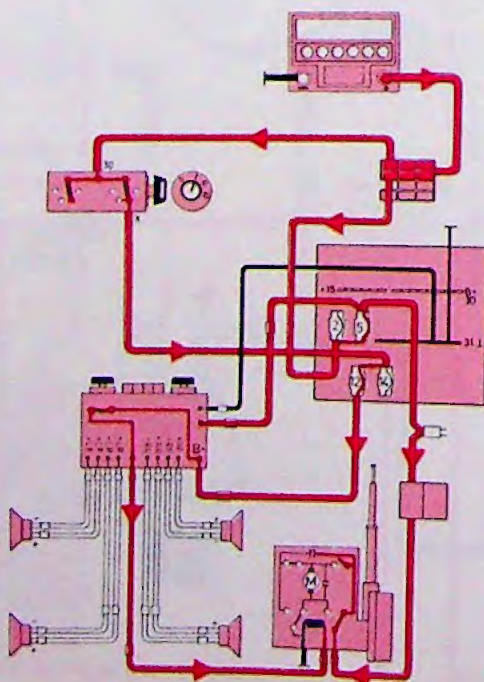
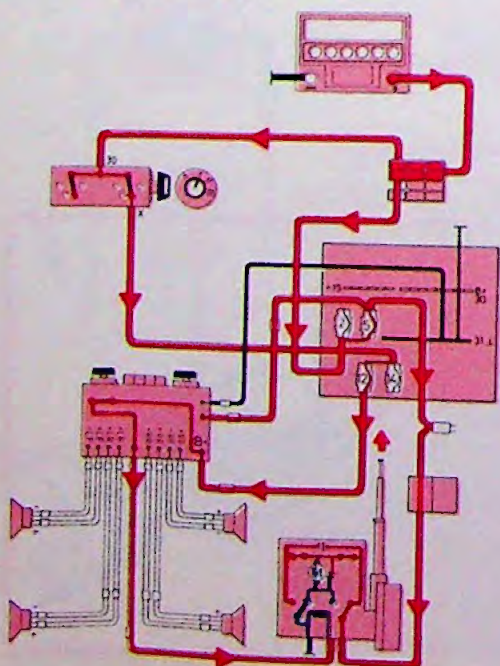
Onderste eindstand



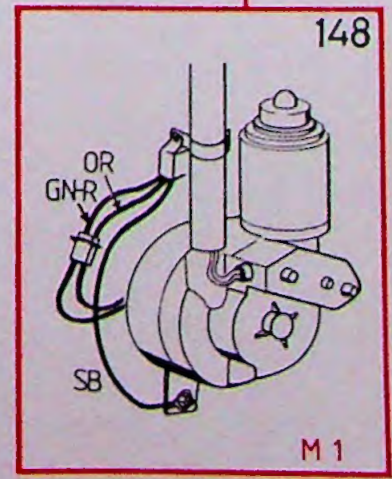
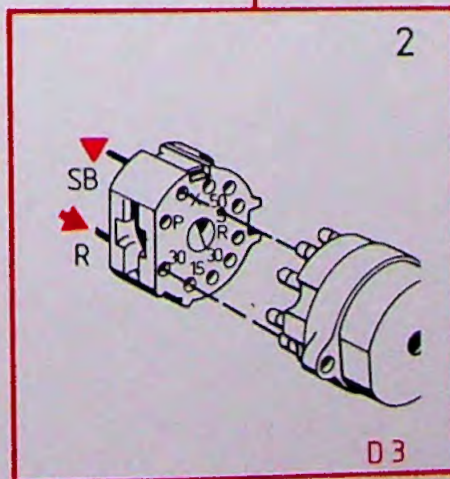
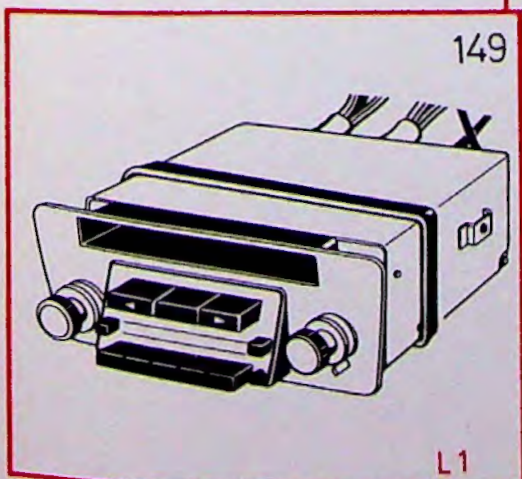
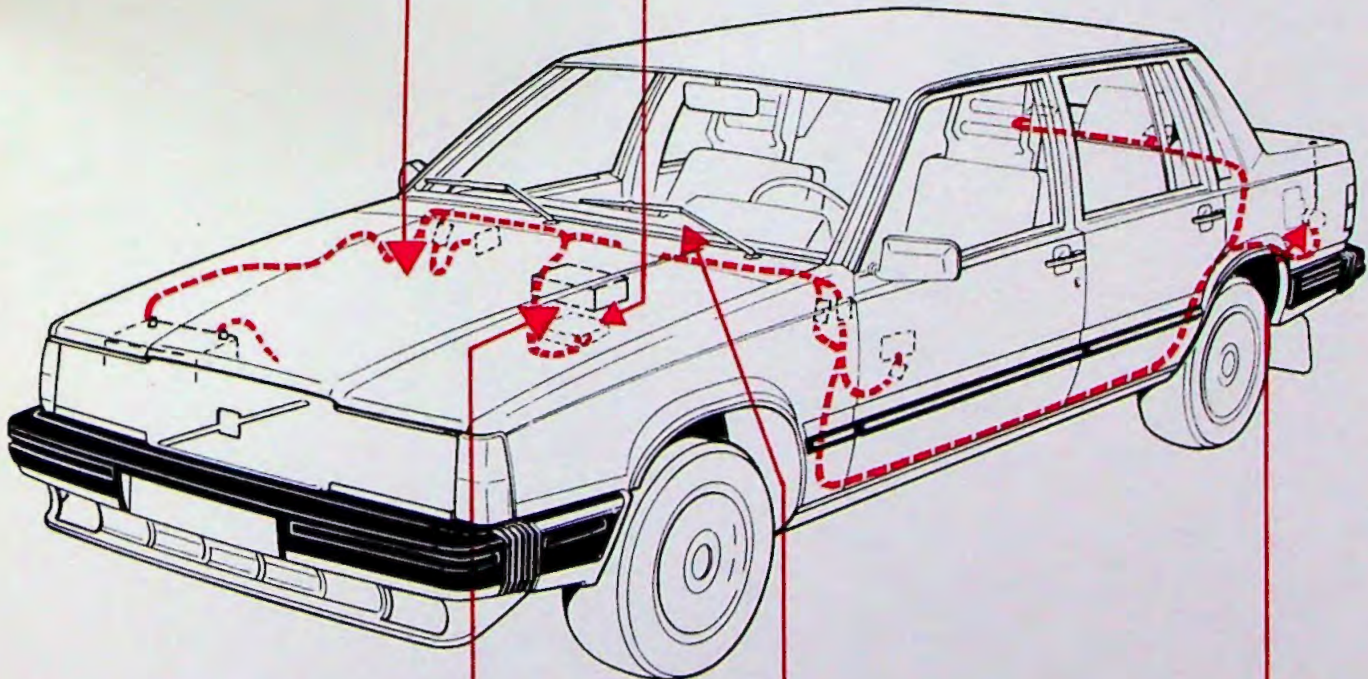
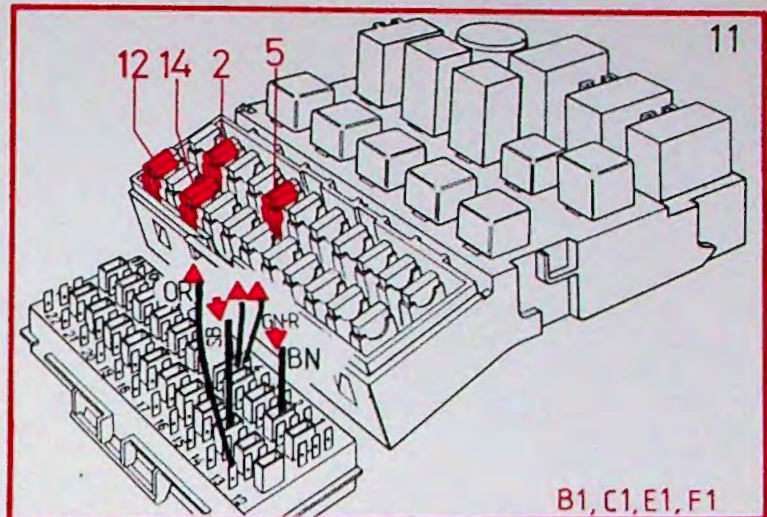
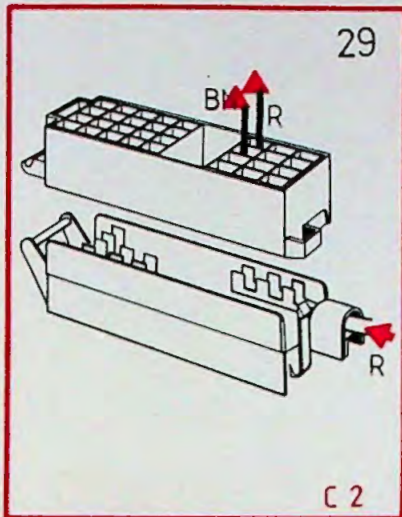
Spanning op beide draden
van elektromotor van antenne
Antenne gaat omhoog

Bovenste eindstand

Alleen spanning op draad
van elektromotor antenne,
afkomstig van zekering nr 5.
Antenne gaat omlaag



Motor-bediende antenne



TP 30529/1
800.5.82
Dutch