

JUMPER

OCTOBRE 2000

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SCHEMATIQUE ELECTRIQUE

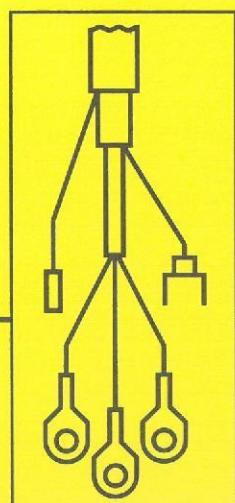
- DIRECTION A GAUCHE
ANNEE-MODELE 2000

"Les informations techniques contenues dans la présente documentation sont destinées exclusivement aux professionnels de la réparation automobile. Dans certains cas, ces informations peuvent concerner la sécurité des véhicules. Elles seront utilisées par les réparateurs automobiles auxquels elles sont destinées, sous leur entière responsabilité, à l'exclusion de celle du Constructeur".

"Les informations techniques figurant dans cette brochure peuvent faire l'objet de mises à jour en fonction de l'évolution des caractéristiques des modèles de chaque gamme. Nous invitons les réparateurs automobiles à se mettre en rapport périodiquement avec le réseau du Constructeur, pour s'informer et se procurer les mises à jour nécessaires".



AUTOMOBILES CITROËN
DIRECTION EXPORT EUROPE
DOCUMENTATION APRÈS VENTE



ATTENTION

ACCESSOIRES ELECTRIQUES AUXILIAIRES

Le circuit électrique du véhicule est conçu pour fonctionner avec les équipements de série ou optionnels.

Certains accessoires électriques, ou la façon dont ils sont montés, peuvent avoir des effets néfastes sur le fonctionnement du véhicule, c'est-à-dire les circuits électroniques de commande, le circuit audio et le circuit de charge électrique.

Pour toute installation d'équipements électriques complémentaires, il est IMPERATIF de respecter les branchements séries (se reporter à cette brochure, ou aux Notices de montage Accessoirie).

SOMMAIRE

AFFECTATION FUSIBLES (dans compartiment moteur)	P I
AFFECTATION FUSIBLES (dans compartiment habitacle) BF00	P II
IMPLANTATION RELAIS (dans compartiment habitacle)	P III
COMBINE	P IV
IMPLANTATION DES POINTS DE MASSE	P VII
LISTE DES FAISCEAUX	P VIII
SCHEMAS ELECTRIQUES	P 1

LISTE DES SCHEMAS (par groupes)

1. MOTOPROPULSEUR

10 Démarrage et génération de courant XUD9A - XUD9UTF	p 1
10.1 Démarrage et génération de courant DJ5 - DJ5TED	p 4
10.2 Démarrage et génération de courant XU102CU et XU10J2U	p 7
10.3 Démarrage et génération de courant SOFIM 2800 D	p 10
10.4 Démarrage et génération de courant SOFIM 2800 TDI	p 13
11 Préchauffage moteur XUD9A	p 16
11.1 Préchauffage moteur XUD9UTF	p 19
11.2 Préchauffage moteur DJ5 code	p 22
11.3 Préchauffage moteur DJ5 code/réfri	p 25
11.4 Préchauffage moteur DJ5TED	p 28
11.5 Préchauffage moteur SOFIM 2800 D	p 31
11.6 Préchauffage moteur SOFIM 2800 TDI	p 34
12 Allumage et injection XU10J2U	p 37
12.1 Allumage et injection XU102CU	p 40
15 Refroidissement XU102CU - XU10J2U	p 43
15.1 Refroidissement XUD9A	p 46
15.2 Refroidissement XUD9UTF	p 49
15.3 Refroidissement DJ5	p 52
15.4 Refroidissement DJ5TED	p 55
15.5 Refroidissement SOFIM 2800 D	p 58
15.6 Refroidissement SOFIM 2800 TDI	p 61

2. SIGNALISATION - ECLAIRAGE EXTERIEUR

20	Feux de brouillard arrière	p	64
21	Feux de stop.....	p	67
21.1	Feux de stop avec 3 ^{ème} feux	p	70
21.2	Feux de stop avec 3 ^{ème} feux avec condamnation centralisée	p	73
22	Feux de recul.....	p	76
23	Indicateurs de direction, signal de danger XUD9A - XUD9UTF	p	79
23.1	Indicateurs de direction, signal de danger DJ5 - DJ5TED - SOFIM 2800 D - SOFIM 2800 TDi	p	82
23.2	Indicateurs de direction, signal de danger XU10J2U - XU102CU	p	85
25	Avertisseur sonore.....	p	88
26	Feux de position et feux de stationnement.....	p	91
26.1	Projecteurs : feux de route et de croisement.....	p	94

3. ECLAIRAGE INTERIEUR

30	Eclairage intérieur 2 plafonniers XUD9A - SOFIM 2800 D	p	97
30.1	Eclairage intérieur 2 plafonniers XU10J2U - XU102CU - XUD9UTF - DJ5 DJ5TED - SOFIM 2800 TDi	p	100
30.2	Eclairage intérieur 3 plafonniers XUD9A - SOFIM 2800 D	p	103
30.3	Eclairage intérieur 3 plafonniers XU10J2U - XU102CU - XUD9UTF - DJ5 DJ5TED - SOFIM 2800 TDi	p	106
30.4	Eclairage intérieur 4 plafonniers XUD9A - SOFIM 2800 D	p	109
30.5	Eclairage intérieur 4 plafonniers XU10J2U - XU102CU - XUD9UTF - DJ5 DJ5TED - SOFIM 2800 TDi	p	112

4. INFORMATION CONDUCTEUR

40	Alerte température d'eau moteur XU102CU - XUD9A - XUD9UTF - DJ5 - DJ5TED	p	115
40.1	Alerte température d'eau moteur XU10J2U	p	118
40.2	Alerte température d'eau moteur SOFIM 2800 D - SOFIM 2800 TDi	p	121
40.3	Alerte niveau d'eau de refroidissement moteur XUD9A - XUD9UTF - DJ5 - DJ5TED	p	124
40.4	Voyant de présence d'eau dans le gazole XUD9A - XUD9UTF - DJ5 - DJ5TED	p	127
40.5	Voyant de présence d'eau dans le gazole SOFIM 2800 D - SOFIM 2800 TDi	p	130
41	Présence d'huile moteur XU10J2U - XU102CU - XUD9A - XUD9UTF	p	133
41.1	Présence d'huile moteur DJ5 transpondeur	p	136
41.2	Présence d'huile moteur DJ5 transpondeur/réfri	p	139
41.3	Présence d'huile moteur DJ5TED transpondeur	p	142
41.4	Présence d'huile moteur DJ5TED transpondeur/réfri	p	145
41.5	Présence d'huile moteur SOFIM 2800 D - 2800TDi	p	148
42	Compte-tours XUD9A - XUD9UTF	p	151
42.1	Compte-tours DJ5 - DJ5TED	p	154
42.2	Compte-tours SOFIM 2800 D	p	157
42.3	Compte-tours SOFIM 2800TDi	p	160
43	Jauge à carburant diesel XUD9A - XUD9UTF - DJ5 - DJ5TED	p	163
43.1	Jauge à carburant essence XU102CU	p	166
43.2	Jauge à carburant essence XU10J2U	p	169
43.3	Jauge à carburant diesel SOFIM 2800 D - 2800 TDi	p	172
44	Voyant de frein de stationnement et d'usure de frein 1 témoin XUD9A - XUD9UTF	p	175
44.1	Voyant de frein de stationnement et d'usure de frein 1 témoin XU10J2U - XU102CU - DJ5 - DJ5TED - SOFIM 2800 D - SOFIM 2800 TDi	p	178
46	Chronotachygraphe diesel	p	181

5. LAVAGE ET ESSUYAGE

50	Essuie et lave-vitre avant	p 184
54	Essuie et lave-projecteurs	p 187

6. ASSISTANCE MECANISMES DIVERS

60	Lève-vitres avant : XUD9A - SOFIM 2800 D	p 190
60.1	Lève-vitres avant : condamnation centralisée et rétroviseurs électriques XUD9A - SOFIM 2800 D	p 193
60.2	Lève-vitres avant XU10J2U - XU102CU- XUD9UTF - DJ5 - DJ5TED - SOFIM 2800 TDi	p 196
60.3	Lève-vitres avant : condamnation centralisée et rétroviseurs électriques XU10J2U - XU102CU- XUD9UTF - DJ5 - DJ5TED - SOFIM 2800 TDi	p 199
62	Condamnation centralisée : XUD9A - SOFIM 2800 D	p 202
62.1	Condamnation centralisée : XU10J2U - XU102CU - XUD9UTF - DJ5 - DJ5TED - SOFIM 2800 TDi	p 205
64	Rétroviseurs électriques XUD9A - SOFIM 2800 D	p 208
64.1	Rétroviseurs électriques chauffants avec lunette arrière chauffante XUD9A - SOFIM 2800 D.....	p 211
64.2	Rétroviseurs électriques XU10J2U - XU102CU - XUD9UTF - DJ5 - DJ5TED - SOFIM 2800 TDi....	p 214
64.3	Rétroviseurs électriques chauffants avec lunette arrière chauffante XU10J2U - XU102CU - XUD9UTF - DJ5 - DJ5TED - SOFIM 2800 TDi	p 217
65	Ceintures pyrotechniques et air-bag conducteur	p 220
66	Correcteur de projecteurs XUD9A.....	p 223
66.1	Correcteur de projecteurs XUD9UTF	p 226
66.2	Correcteur de projecteurs DJ5 - DJ5TED	p 229
66.3	Correcteur de projecteurs XU102CU	p 232
66.4	Correcteur de projecteurs XU10J2U.....	p 235
66.5	Correcteur de projecteurs SOFIM 2800 D.....	p 238
66.6	Correcteur de projecteurs SOFIM 2800 TDi	p 241

7. AIDE A LA CONDUITE

70	Antiblocage des roues (ABR BOSCH 5.3)	p 244
72	Montre numérique XUD9A - SOFIM 2800 D	p 247
72	Montre numérique XU10J2U - XU102CU - XUD9UTF - DJ5 - DJ5TED - SOFIM 2800 TDi	p 250

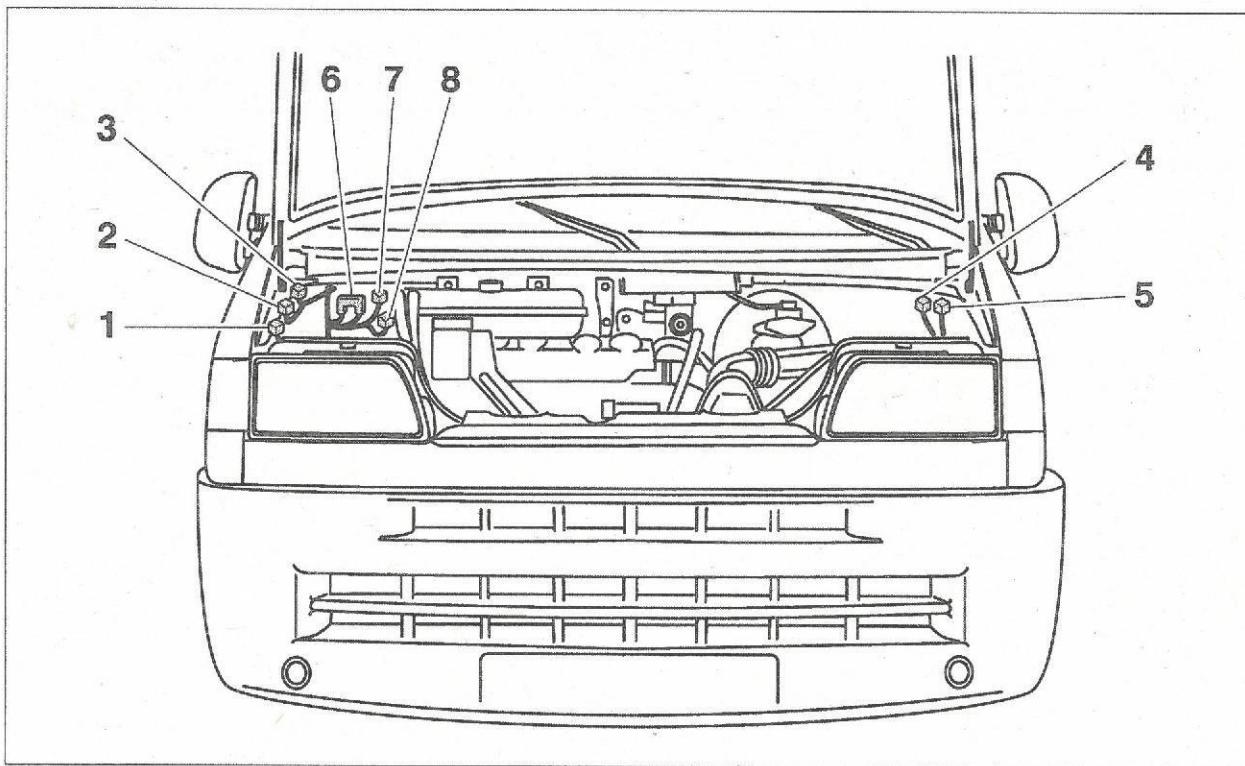
8. CONFORT A LA CONDUITE

80	Ventilation chauffage DJ5TED - SOFIM 2800 TDi	p 253
80.1	Ventilation chauffage XUD9UTF	p 256
80.2	Ventilation chauffage XU10J2U - XU102CU - XUD9A - DJ5 - SOFIM 2800 D	p 259
80.3	Ventilation chauffage un pulseur DJ5TED - SOFIM 2800 TDi	p 262
80.4	Ventilation chauffage un pulseur XUD9UTF	p 265
80.5	Ventilation chauffage un pulseur XU10J2U - XU102CU - XUD9A - DJ5 - SOFIM 2800 D	p 268
80.6	Ventilation chauffage deux pulseurs DJ5TED - SOFIM 2800 TDi	p 271
80.7	Ventilation chauffage deux pulseurs XUD9UTF	p 274
80.8	Ventilation chauffage un pulseur XU10J2U - XU102CU - XUD9A - DJ5 - SOFIM 2800 D	p 277
80.9	Ventilation chauffage et réfrigération standard XU102CU	p 280
80.10	Ventilation chauffage et réfrigération améliorée XU102CU	p 283
80.11	Ventilation chauffage et réfrigération standard XU10J2U	p 286
80.12	Ventilation chauffage et réfrigération améliorée XU10J2U	p 289
80.13	Ventilation chauffage et réfrigération standard XUD9UTF	p 292
80.14	Ventilation chauffage et réfrigération améliorée XUD9UTF	p 295

80.15	Ventilation chauffage et réfrigération standard DJ5	p 298
80.16	Ventilation chauffage et réfrigération améliorée DJ5.....	p 301
80.17	Ventilation chauffage et réfrigération DJ5TED	p 304
80.18	Ventilation chauffage et réfrigération standard SOFIM 2800 D.....	p 307
80.19	Ventilation chauffage et réfrigération améliorée SOFIM 2800 D	p 310
80.20	Ventilation chauffage et réfrigération SOFIM 2800 TDi.....	p 313
80.21	Ventilation chauffage et réfrigération DJ5TED WEBASTO	p 316
80.22	Ventilation chauffage et réfrigération SOFIM 2800 TDi WEBASTO.....	p 319
81	Allume-cigare.....	p 322
81.1	Lunette arrière chauffante XUD9A - SOFIM 2800 D	p 325
81.2	Lunette arrière chauffante XU10J2U - XU102CU - XUD9UTF - DJ5 - DK5TED - SOFIM 2800 TDi	p 328
81.3	Lunette arrière chauffante avec rétroviseurs chauffants XUD9A - SOFIM 2800 D	p 331
81.4	Lunette arrière chauffante avec rétroviseurs chauffants XU10J2U- XU102CU - XUD9UTF - DJ5 - DJ5TED - SOFIM 2800 TDi.....	p 334
82	Transpondeur (Code) XU10J2U.....	p 337
82.1	Transpondeur (Code) XUD9A	p 340
82.2	Transpondeur (Code) XUD9UTF.....	p 343
82.3	Transpondeur (Code) DJ5.....	p 346
82.4	Transpondeur (Code) DJ5TED.....	p 349
82.5	Transpondeur (Code) SOFIM 2800 D	p 352
82.6	Transpondeur (Code) SOFIM 2800 TDi	p 355
83	Siège chauffant conducteur.....	p 358
84	Pré-équipement radio	p 361

GENERALITES

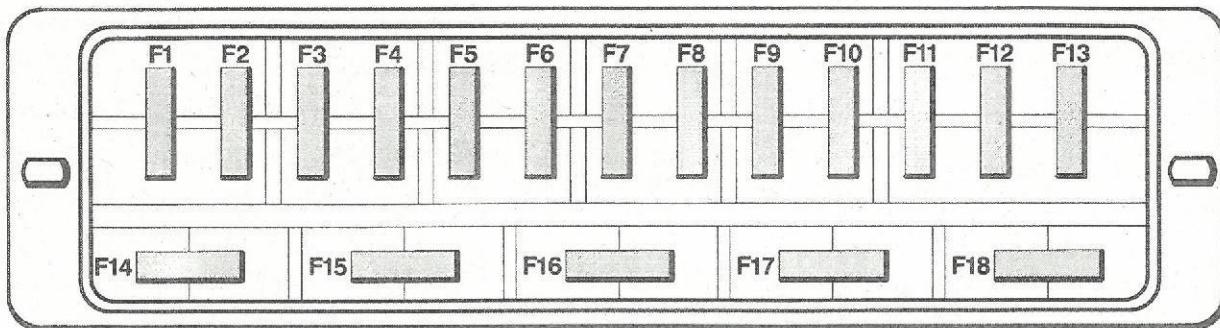
AFFECTATION DES FUSIBLES DANS COMPARTIMENT MOTEUR



1	60A	ABR
2	30/40//50A	GMV (BMF1)
3	30/40//50A	GMV (BMF2)
4	15A	Injection MM8P (pompe carburant 1205)
5	10A	Injection MM8P (résistance sonde à oxygène 1348)
6	175A	Fusible général
7	60A	Fusible de préchauffage (SOFIM 2800D)
8	50A	Fusible de résistance carburateur (XU102CU)

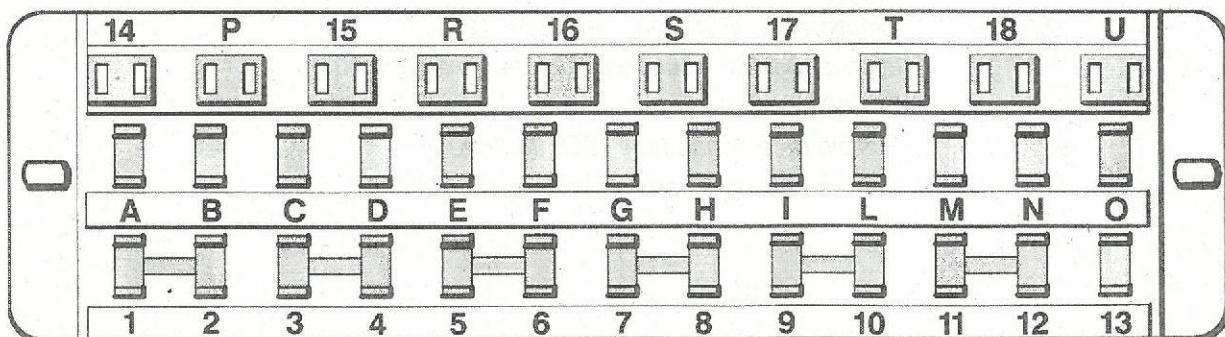
GENERALITES

AFFECTATION DES FUSIBLES DANS LE COMPARTIMENT HABITACLE (BF00)



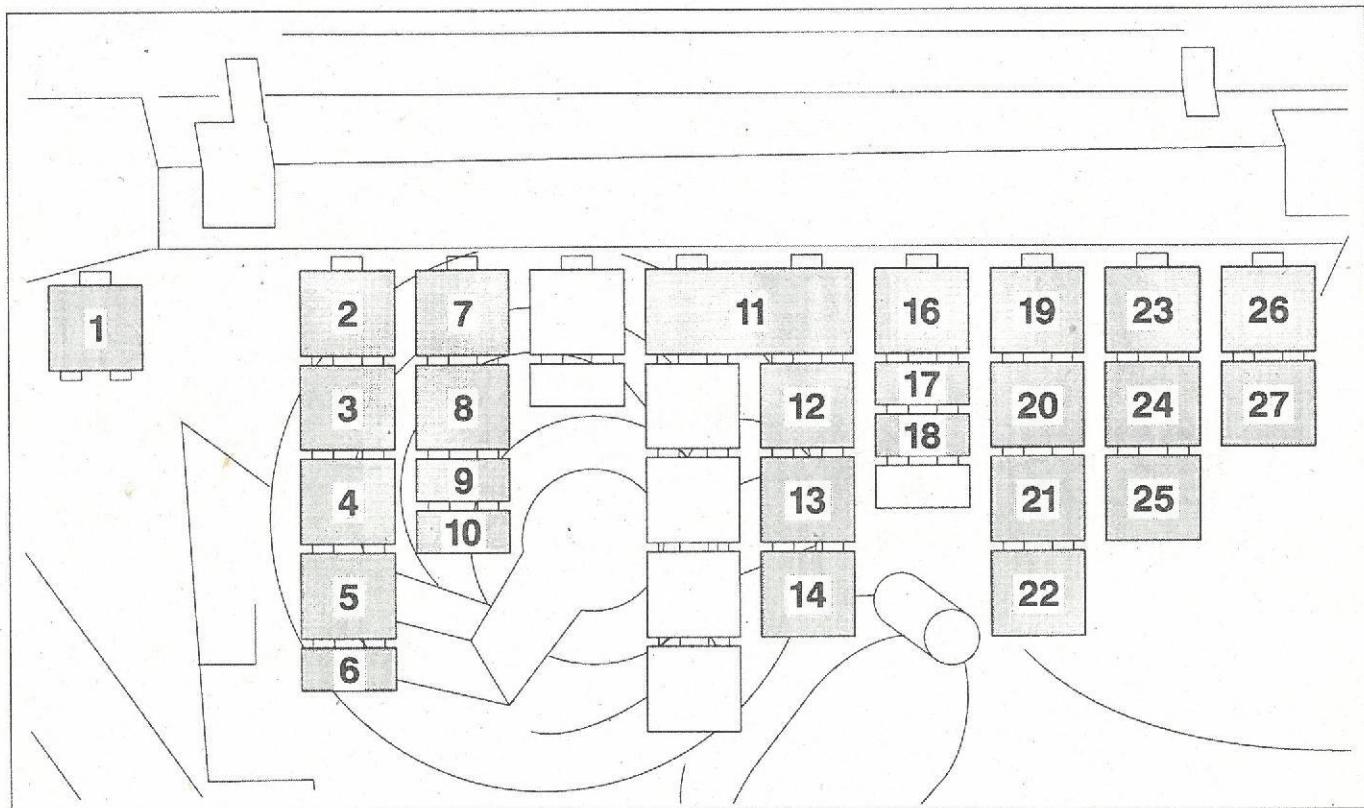
F1	15A	Alimentation combiné : Jauge à carburant, indicateur et voyant - Température d'eau, indicateur et voyant - Voyant de niveau d'eau - Voyant de frein : Stationnement, usure des plaquettes, niveau liquide. - Voyant eau dans le gazole - Voyant contrôle moteur essence - Voyant antidiémarrage (CODE). - Voyant pression d'huile, lave-phare, cde hauteur projecteurs - Voyant ceintures pyrotechniques - Voyant ABR, Feux de recul, Réchauffeur vapeur d'huile, radio + ACC	F7	10A	Feu de croisement gauche Correcteur de projecteur
F2	7,5A	Chronotachygraphe - Essuie-projecteur	F8	10A	Feu croisement droit
F3	15A	Moteur essuie-vitre - Pompe lave-vitre - Siège chauffant	F9	10A	Feu de route gauche et voyant
F4	10A	Rétroviseur électrique - Lunette arrière chauffante	F10	10A	Feu de route droit
F5	7,5A	Lanternes AVG et ARD - Éclairage interrupteurs de commande et de chauffage	F11	15A	Allume-cigare - Radio - Montre Plafonnier AV et AR
F6	7,5A	Lanternes AVD et ARG, plaque de police - Eclaireurs : combiné, allume-cigare, radio	F12	25A	Avertisseur sonore - Lève-vitres - Système condamnation centralisée des portes
			F13	30A	Chaussage, chauffage additionnel - système d'air réfrigéré
			F14	7,5A	Feux de brouillard AR et voyant - Lave-essuie phare
			F15	25A	Lunette AR chauffante
			F16	10A	Electro de stop sur pompe - Préchauffage
			F17	15A	Feux de détresse Feux de stop
			F18	30A	Système d'allumage et injection électronique

CONNEXIONS SUR BOITIER FUSIBLES (BF 00)



GENERALITES

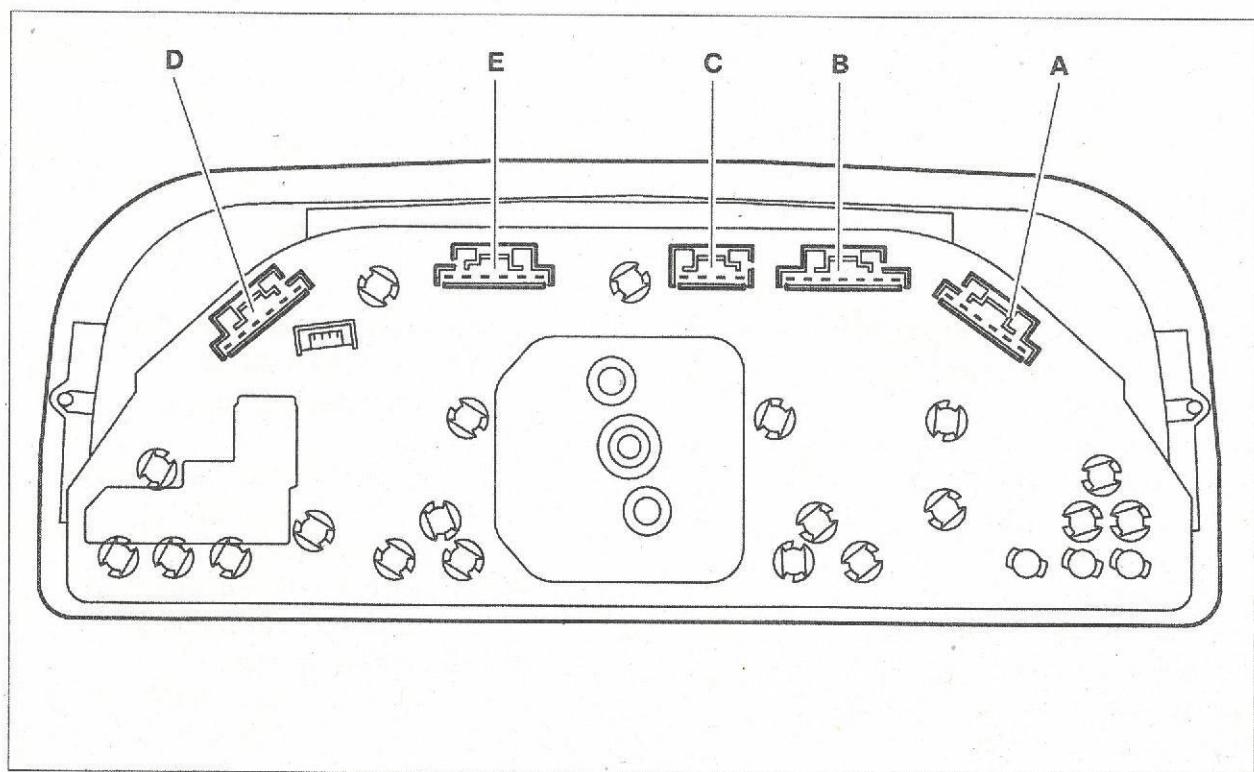
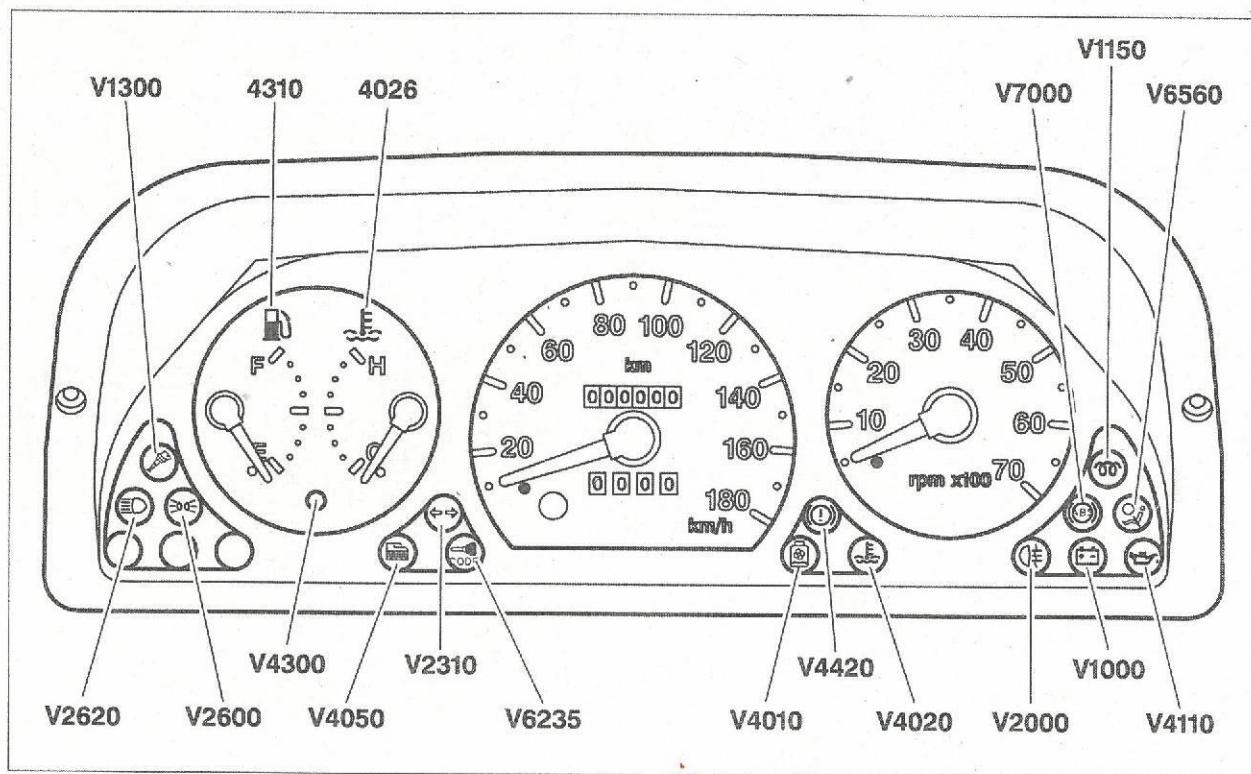
IMPLANTATION DES RELAIS DANS COMPARTIMENT HABITACLE



- | | |
|---|--------------------------------------|
| 1 Boîtier amortissement électronique de pompe à carburant | 13 Fusible AIR-BAG (BF 21) |
| 2 Relais compresseur réfrigération | 14 Fusible ABR (BF 23) |
| 3 Relais pulseur | 15 Relais de démarrage |
| 4 Relais alimentation motoventilateur grande vitesse | 16 Relais sécurité de choc |
| 5 Relais coupure compresseur | 17 Relais correcteur d'avance diesel |
| 6 Fusible réfrigération (BF 20) | 18 Relais postchauffage |
| 7 Boîtier condamnation issues | 19 Relais feux de route |
| 8 Relais lève-vitres | 20 Relais feux de croisement |
| 9 Relais de vitre arrière chauffante | 21 Relais éclairage plafonnier |
| 10 Module interface vitesse véhicule | 22 Centrale clignotante |
| 11 Boîtier de commande feux de brouillard arrière | 23 Relais chauffage supplémentaire |
| 12 Relais réchauffeur gazole | |

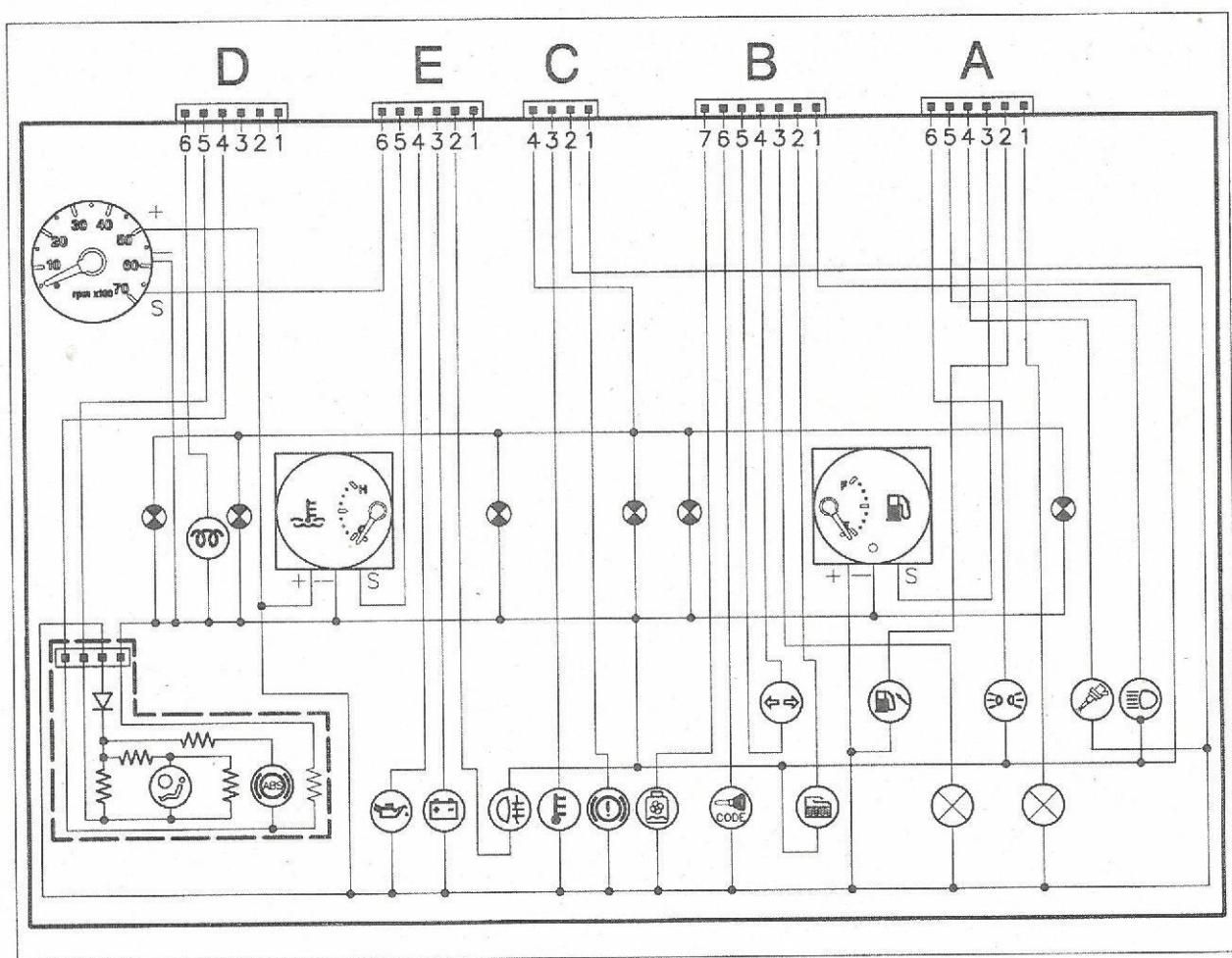
GENERALITES

COMBINÉ :



GENERALITES

DÉTAIL DU COMBINÉ :



GENERALITES

DÉTAIL DES VOIES DU COMBINÉ :

Connecteur A :

- 1 - Libre
- 2 - Voyant de niveau mini carburant
- 3 - Indicateur de niveau carburant
- 4 - Voyant diagnostic moteur
- 5 - Voyant de feux de route
- 6 - Voyant de feux de position

Connecteur B :

- 1 - Masse combinée
- 2 - Voyant de présence d'eau dans le filtre à combustible gazole
- 3 - Libre
- 4 - Voyant indicateur de direction
- 5 - Voyant indicateur de direction
- 6 - Voyant transpondeur
- 7 - Voyant de niveau d'eau moteur

Connecteur C :

- 1 - Voyant de frein de stationnement/
Niveau de liquide de frein
- 2 - Alimentation combinée (+ ACC)
- 3 - Voyant alerte de température d'eau moteur maxi
- 4 - Eclairage combiné

Connecteur E :

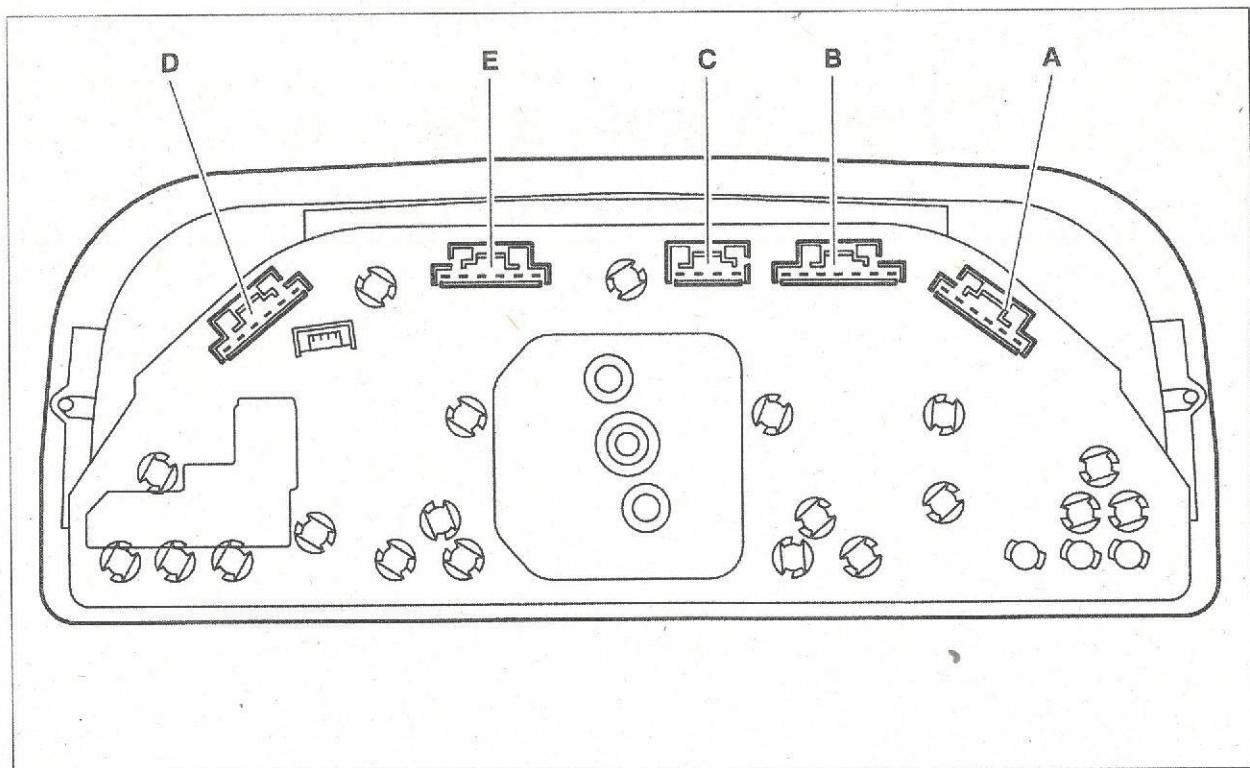
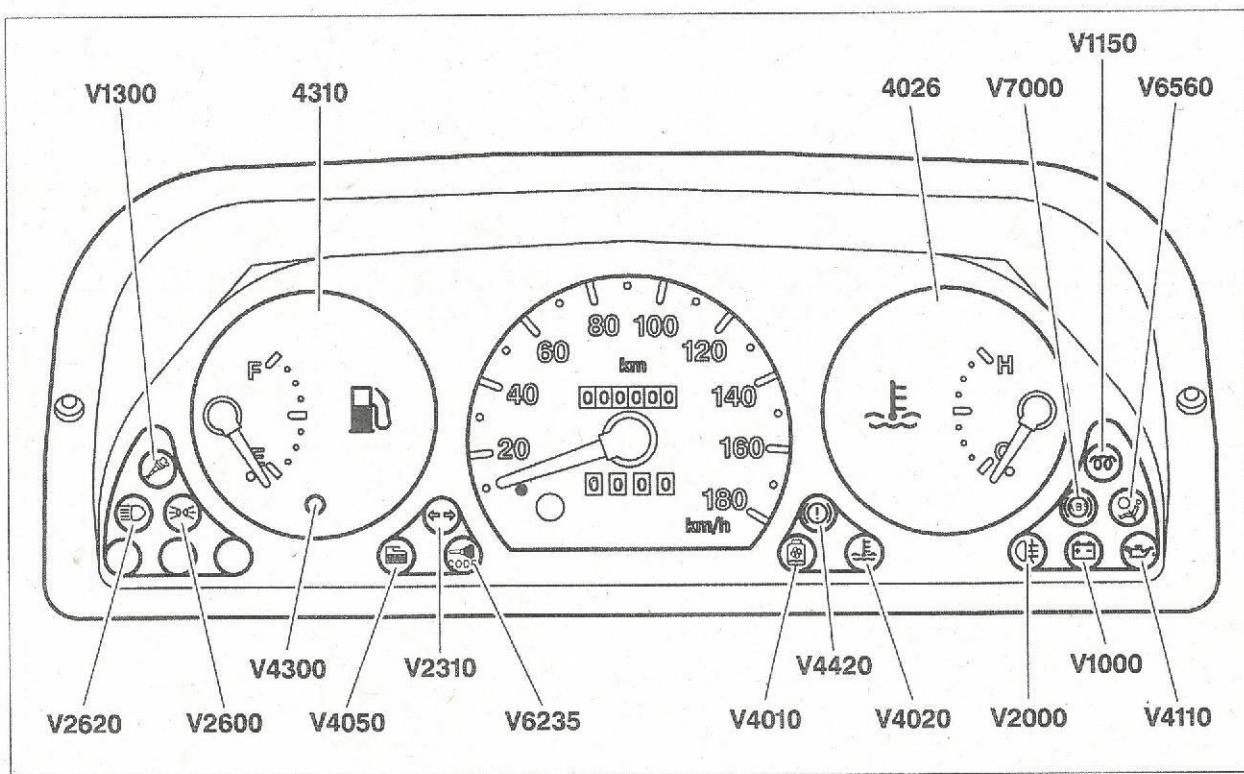
- 1 - Libre
- 2 - Voyant antibrouillard arrière
- 3 - Voyant de charge
- 4 - Voyant de pression d'huile
- 5 - Indicateur de température d'eau moteur
- 6 - Signal tachymétrique/Libre

Connecteur D :

- 1 - Libre
- 2 - Libre
- 3 - Libre
- 4 - Voyant ABR
- 5 - Voyant sac gonflable
- 6 - Voyant de préchauffage

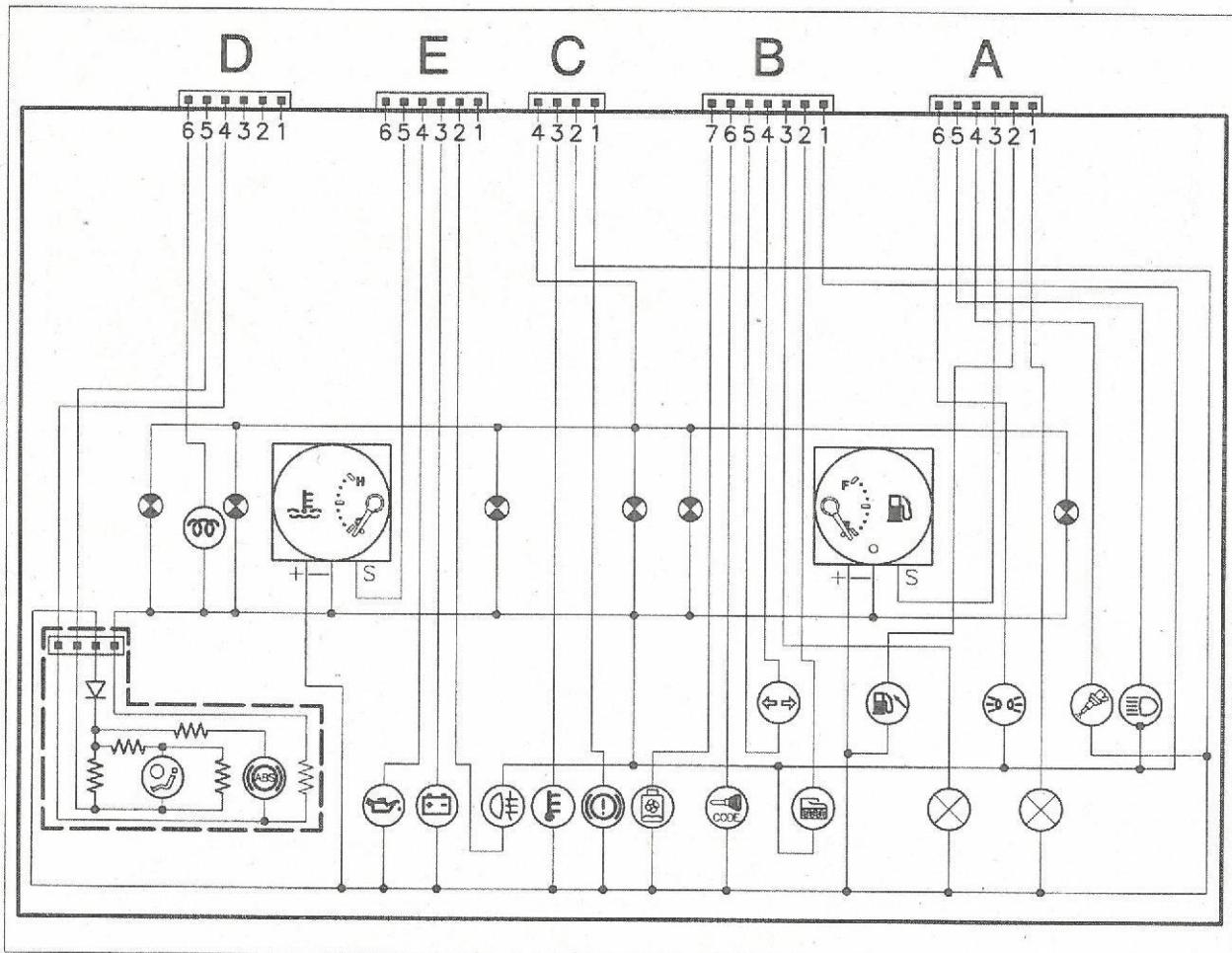
GENERALITES

COMBINÉ :



GENERALITES

DÉTAIL DU COMBINÉ :



GENERALITES

DÉTAIL DES VOIES DU COMBINÉ :

Connecteur A :

- 1 - Libre
- 2 - Voyant de niveau mini carburant
- 3 - Indicateur de niveau carburant
- 4 - Voyant diagnostic moteur
- 5 - Voyant de feux de route
- 6 - Voyant de feux de position

Connecteur B :

- 1 - Masse combinée
- 2 - Voyant de présence d'eau dans le filtre à combustible gazole
- 3 - Libre
- 4 - Voyant indicateur de direction
- 5 - Voyant indicateur de direction
- 6 - Voyant transpondeur
- 7 - Voyant de niveau d'eau moteur

Connecteur C :

- 1 - Voyant de frein de stationnement/
Niveau de liquide de frein
- 2 - Alimentation combinée (+ ACC)
- 3 - Voyant alerte de température d'eau moteur maxi
- 4 - Eclairage combiné

Connecteur E :

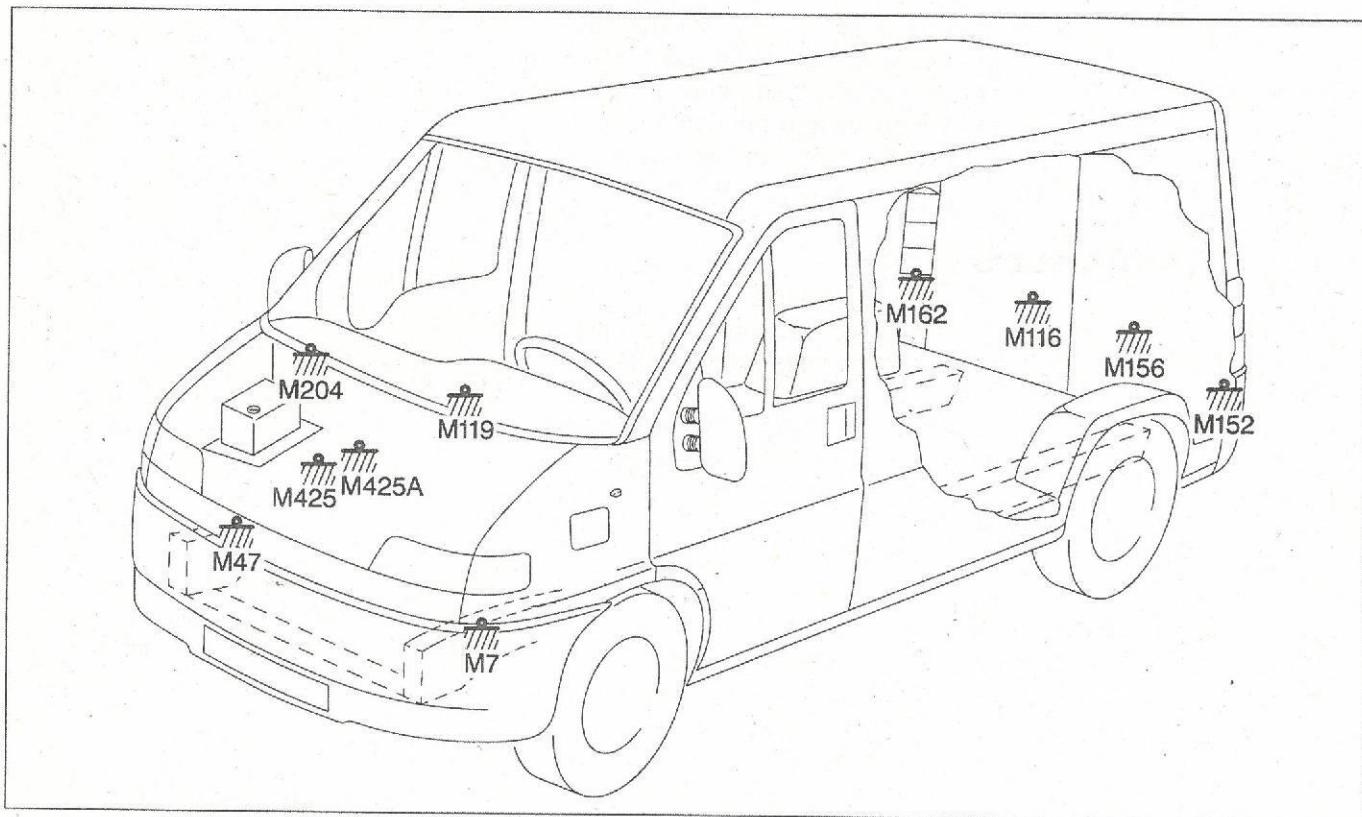
- 1 - Libre
- 2 - Voyant antibrouillard arrière
- 3 - Voyant de charge
- 4 - Voyant de pression d'huile
- 5 - Indicateur de température d'eau moteur
- 6 - Libre

Connecteur D :

- 1 - Libre
- 2 - Libre
- 3 - Libre
- 4 - Voyant ABR
- 5 - Voyant sac gonflable
- 6 - Voyant de préchauffage

GENERALITES

IMPLANTATION DES POINTS DE MASSE



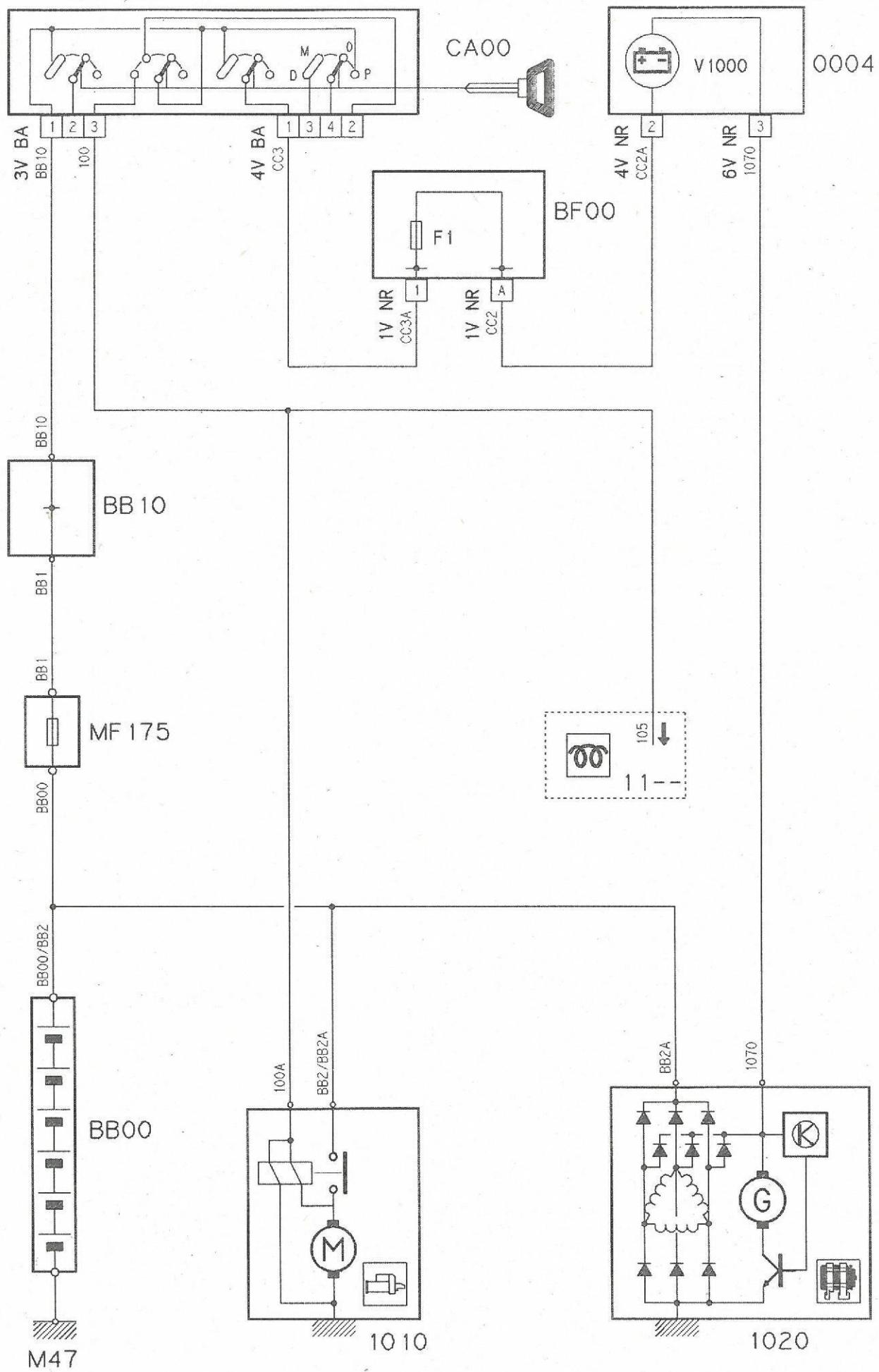
- M7 Point de masse sur longeron AV G.
- M47 Point de masse sur longeron AV D.
- M116 Point de masse dans porte AR D.
- M119 Point de masse sous combiné planche de bord.
- M152 Point de masse derrière feu AR G.
- M156 Point de masse dans porte AR G.
- M162 Point de masse derrière feu AR D.
- M204 Point de masse sous planche de bord (côté droit).
- M425 Point de masse moteur gauche sur culasse.
- M425A Point de masse moteur droit sur culasse.

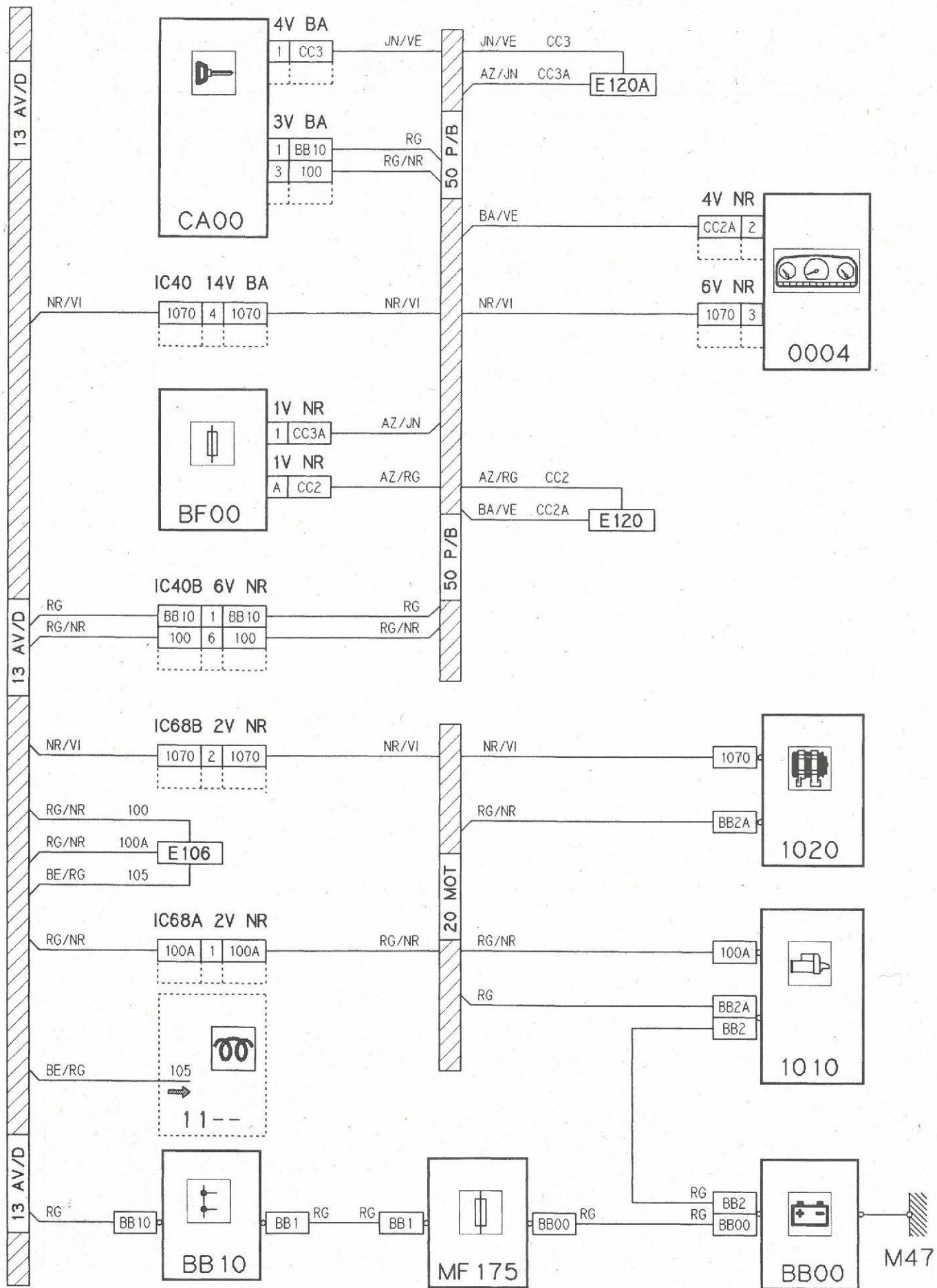
GENERALITES

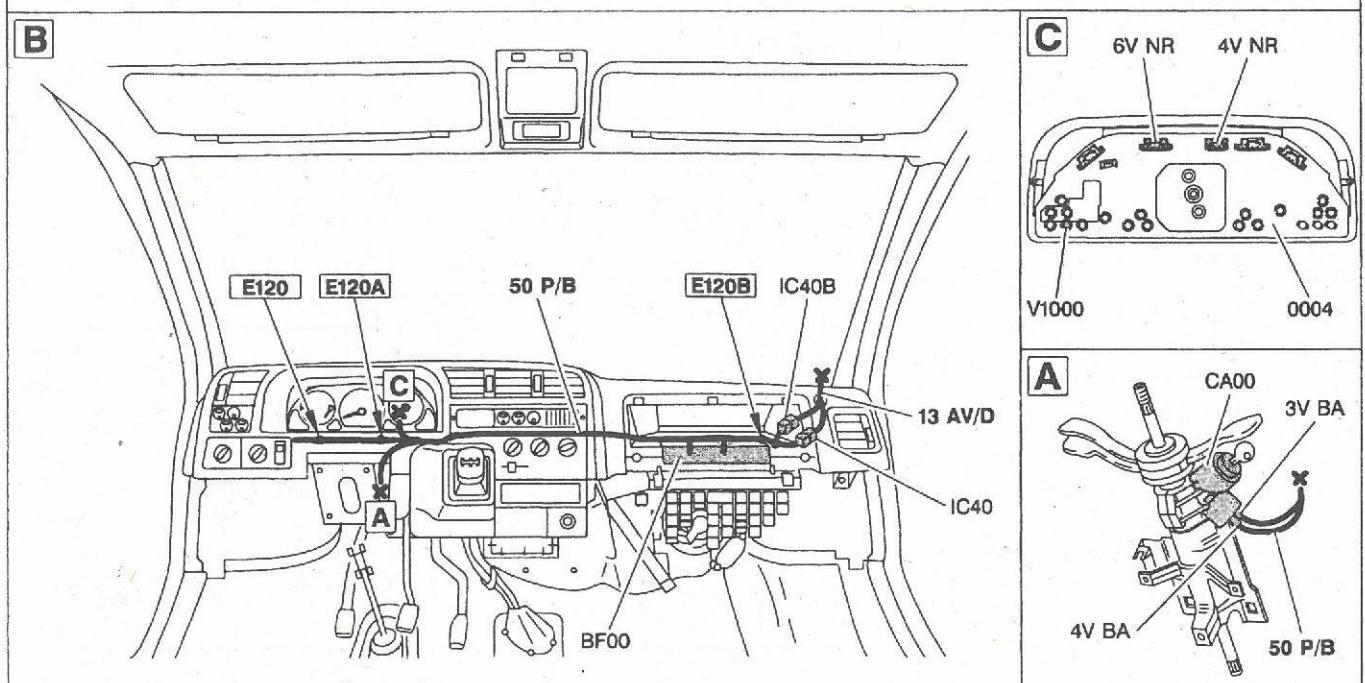
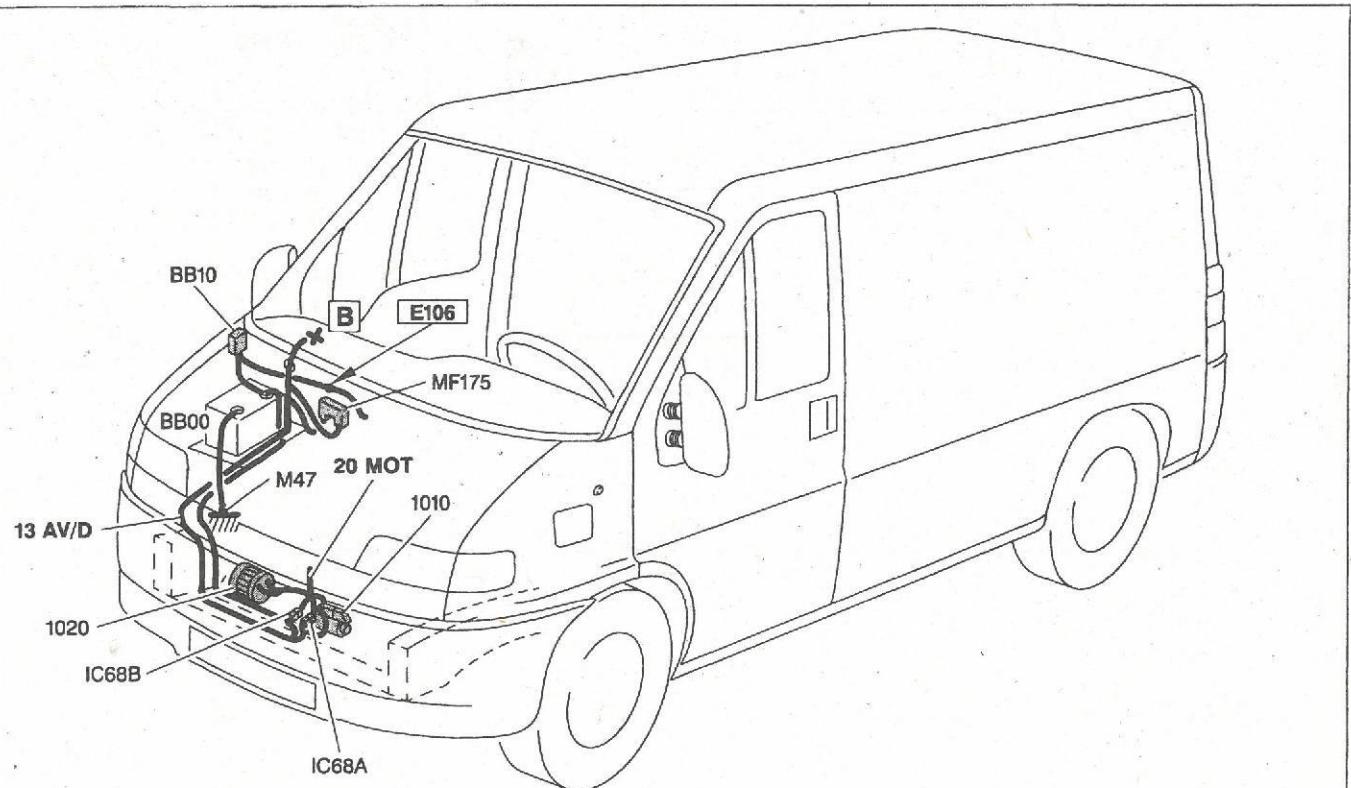
LISTE DES FAISCEAUX

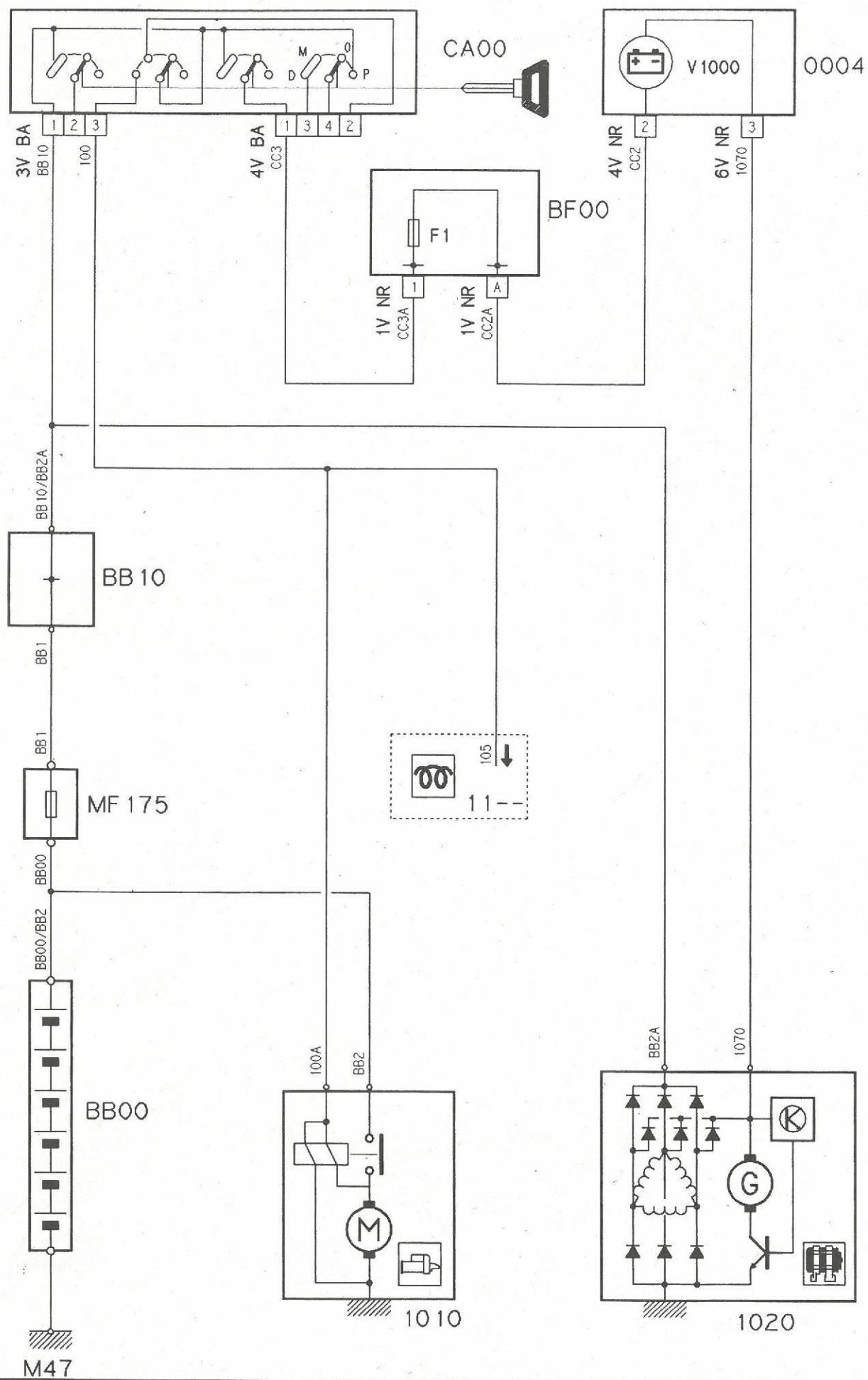
13	AV/D	Faisceau avant droit
14	AV/G	Faisceau avant gauche
15	F/AV	Faisceau face avant
16	GMV	Faisceau motoventilateur
18	ES/P	Faisceau essuie-projecteurs
20	MOT	Faisceau moteur
21	JN	Faisceau injection
30	ABR	Faisceau antiblocage de roues
301	ABR/AV	Faisceau antiblocage avant
302	ABR/PB	Faisceau antiblocage planche de bord
40	S/CH	Faisceau siège chauffant
44	CSL	Faisceau 4 x 4
48	PLAF/C	Faisceau plafonnier complémentaire
49	P/B/C	Faisceau planche de bord complémentaire
50	P/B	Faisceau planche de bord
51	J	Faisceau jauge
52	PLAF	Faisceau plafonnier
53	PLAF/AR	Faisceau plafonnier AR
56	CLM	Faisceau climatiseur
57	CL/AD	Faisceau chauffage additionnel
60	PR AV/G	Faisceau porte avant gauche
62	PR AR/G	Faisceau porte arrière gauche
63	PR AR	Faisceau porte arrière
64	PR AV/I/D	Faisceau porte avant intermédiaire droit
65	PR AV/D	Faisceau porte avant droite
67	PR AR/D	Faisceau porte arrière
68	LI PR	Faisceau liaison portes
70	AR/G	Faisceau arrière gauche
75	AR/D	Faisceau arrière droit
80	AR/SP	Faisceau arrière sous plancher
81	INT/F/AV G	Faisceau interrupteur de feuillure avant gauche
82	INT/F/AV D	Faisceau interrupteur de feuillure avant droit
90	CHR/MOT	Faisceau chronotachygraphe moteur
91	CHR/PB	Faisceau chronotachygraphe planche de bord

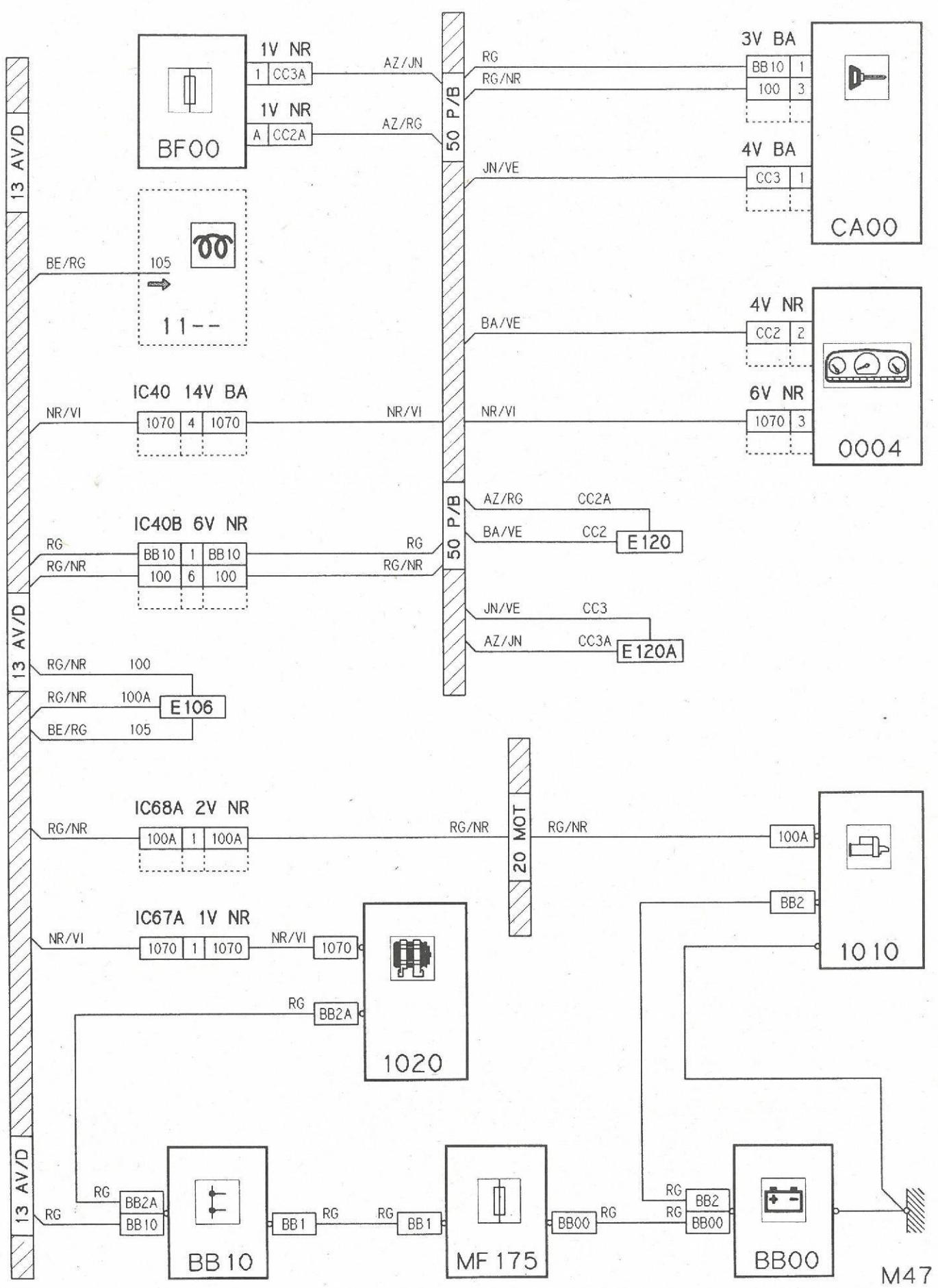
GENERALITES

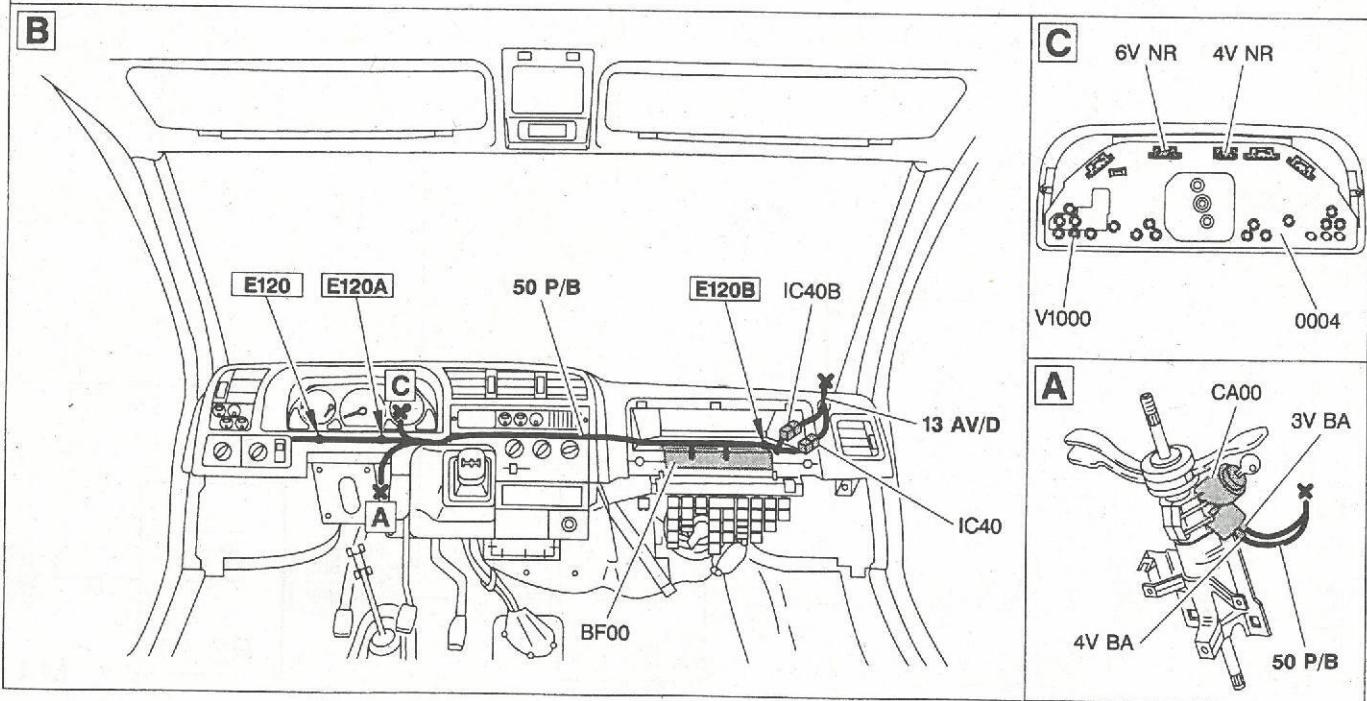
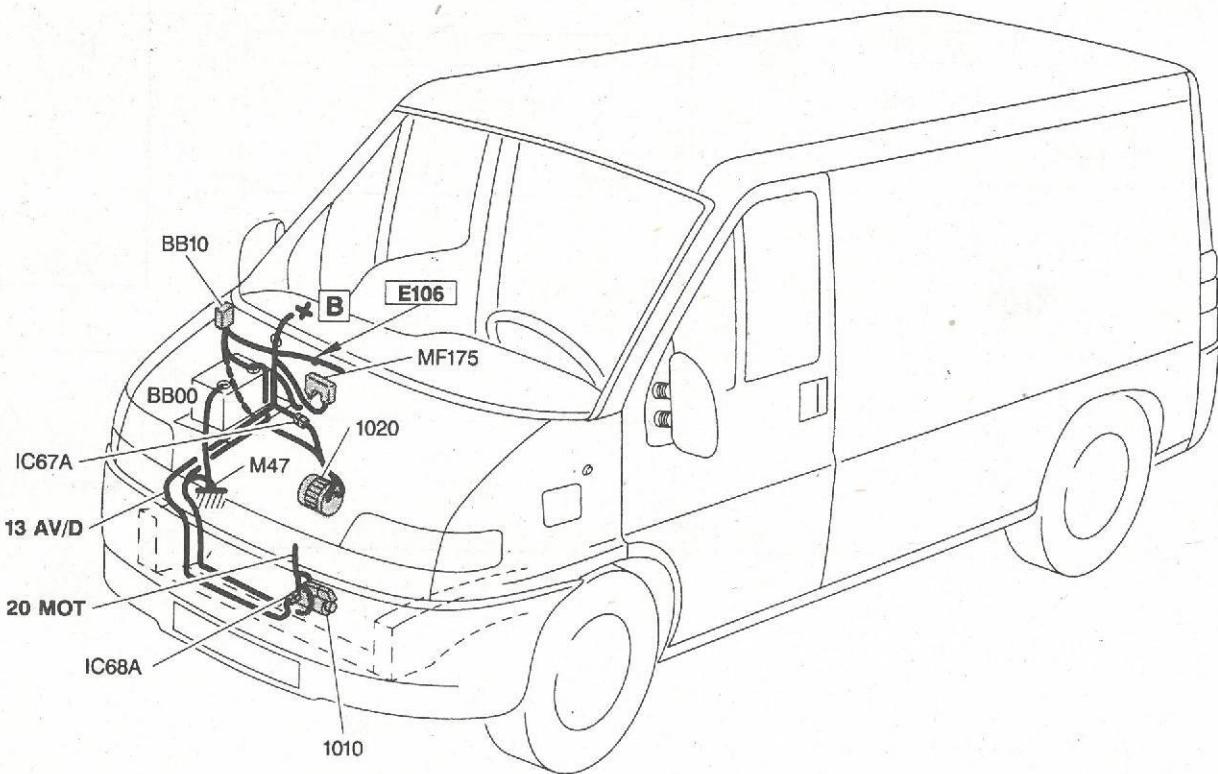


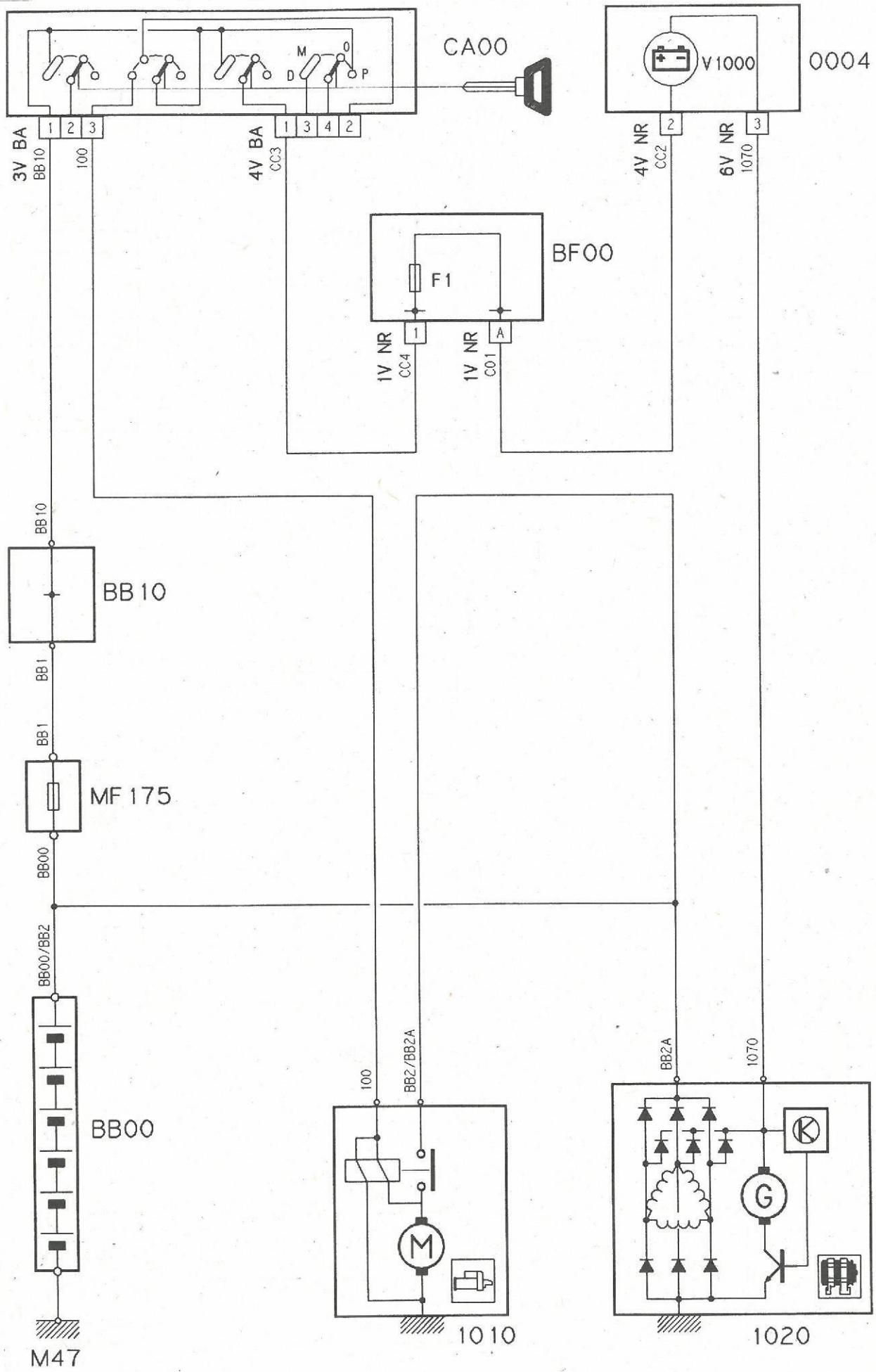


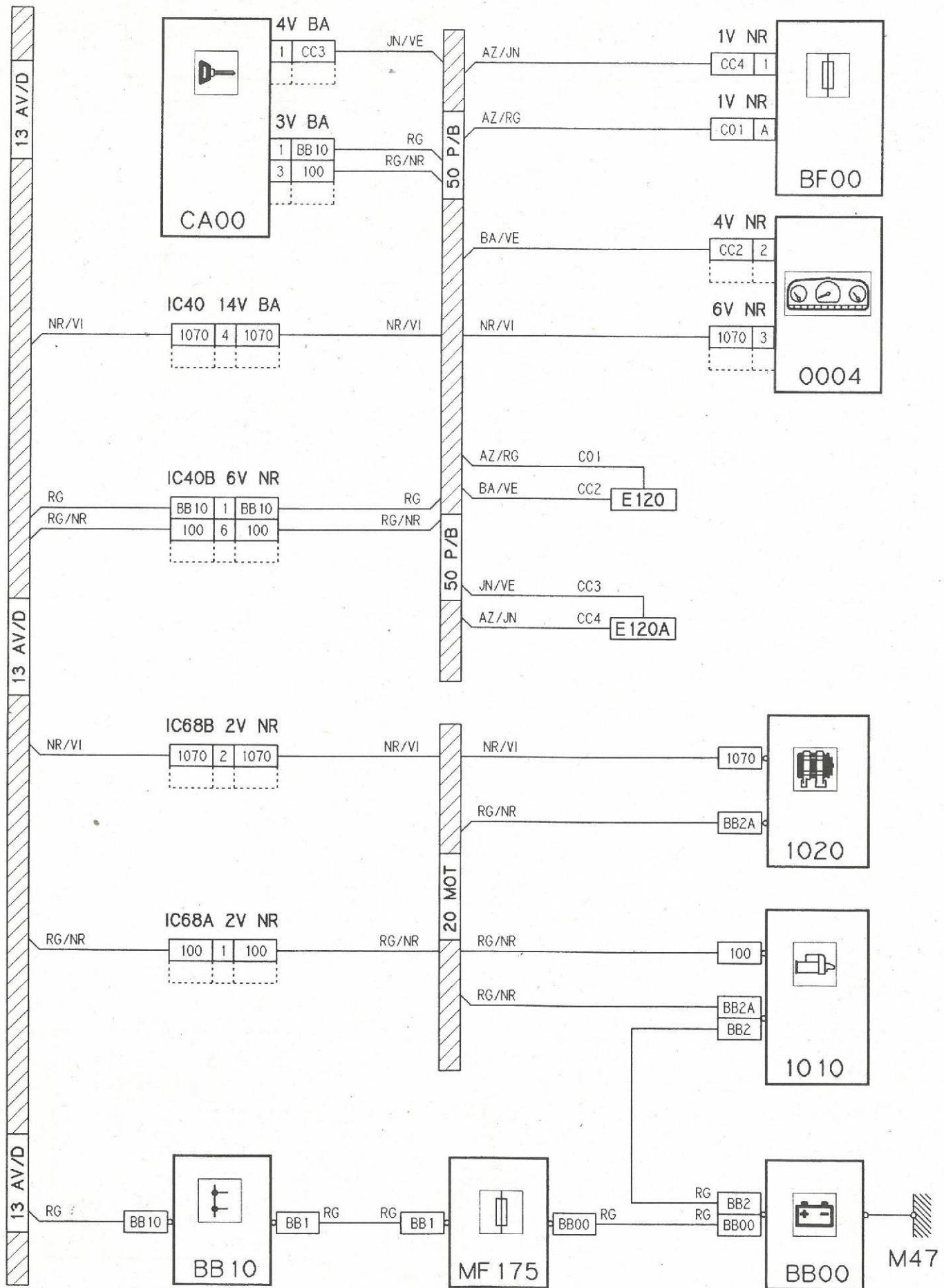


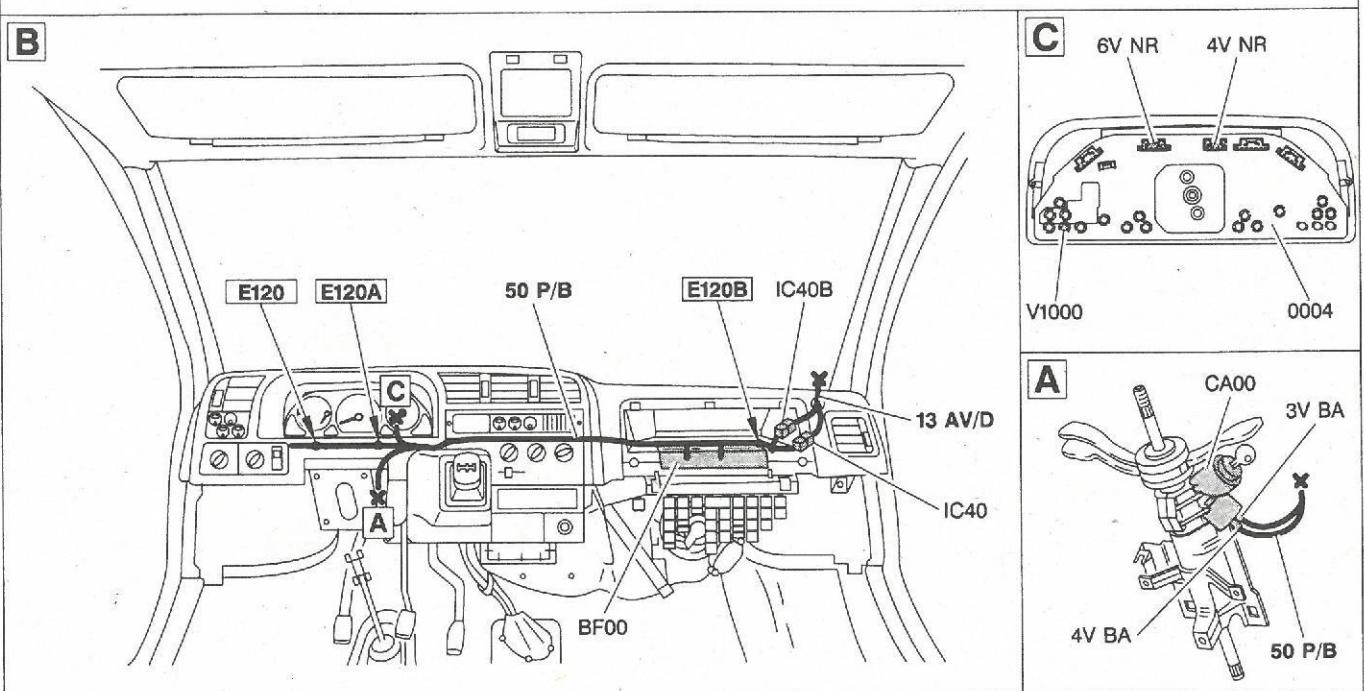
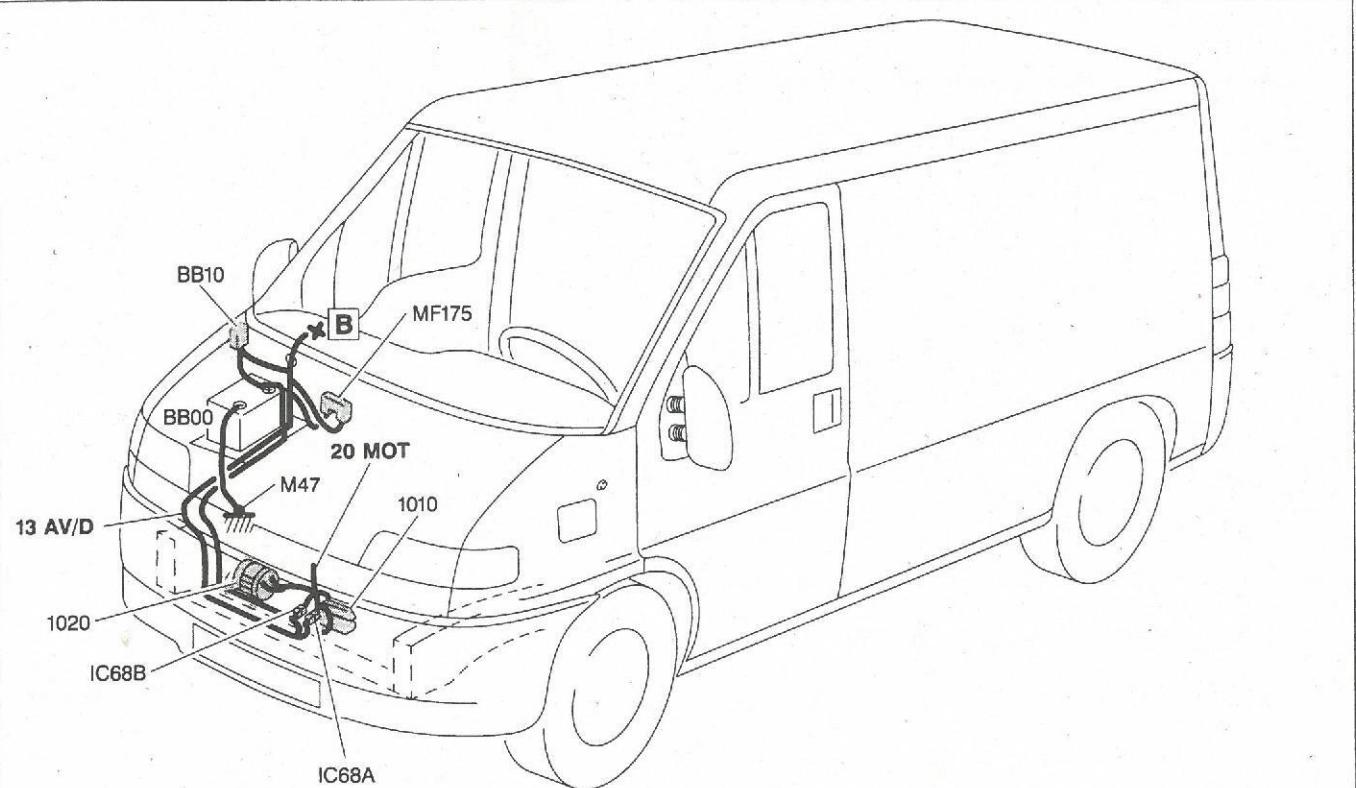


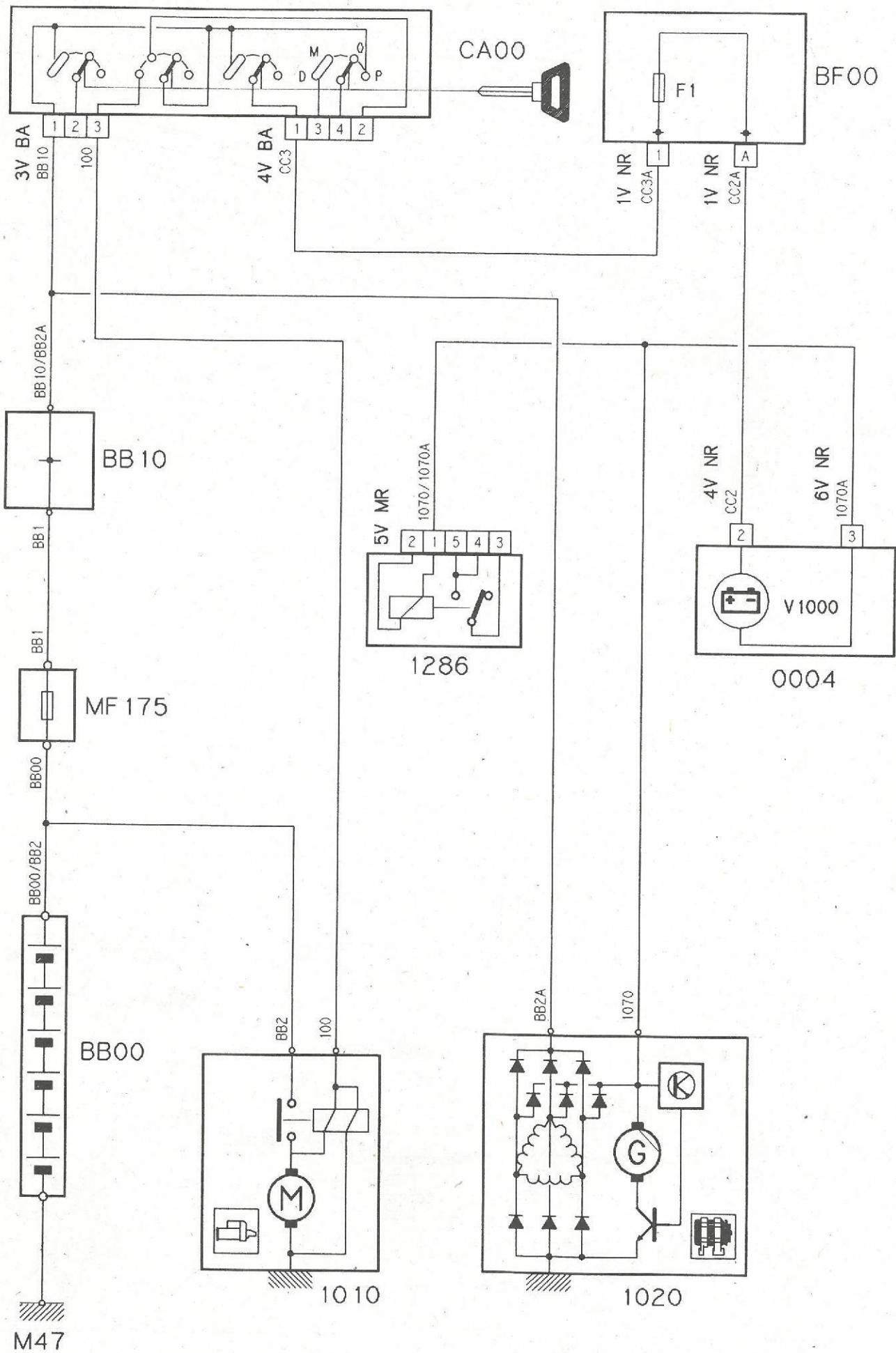


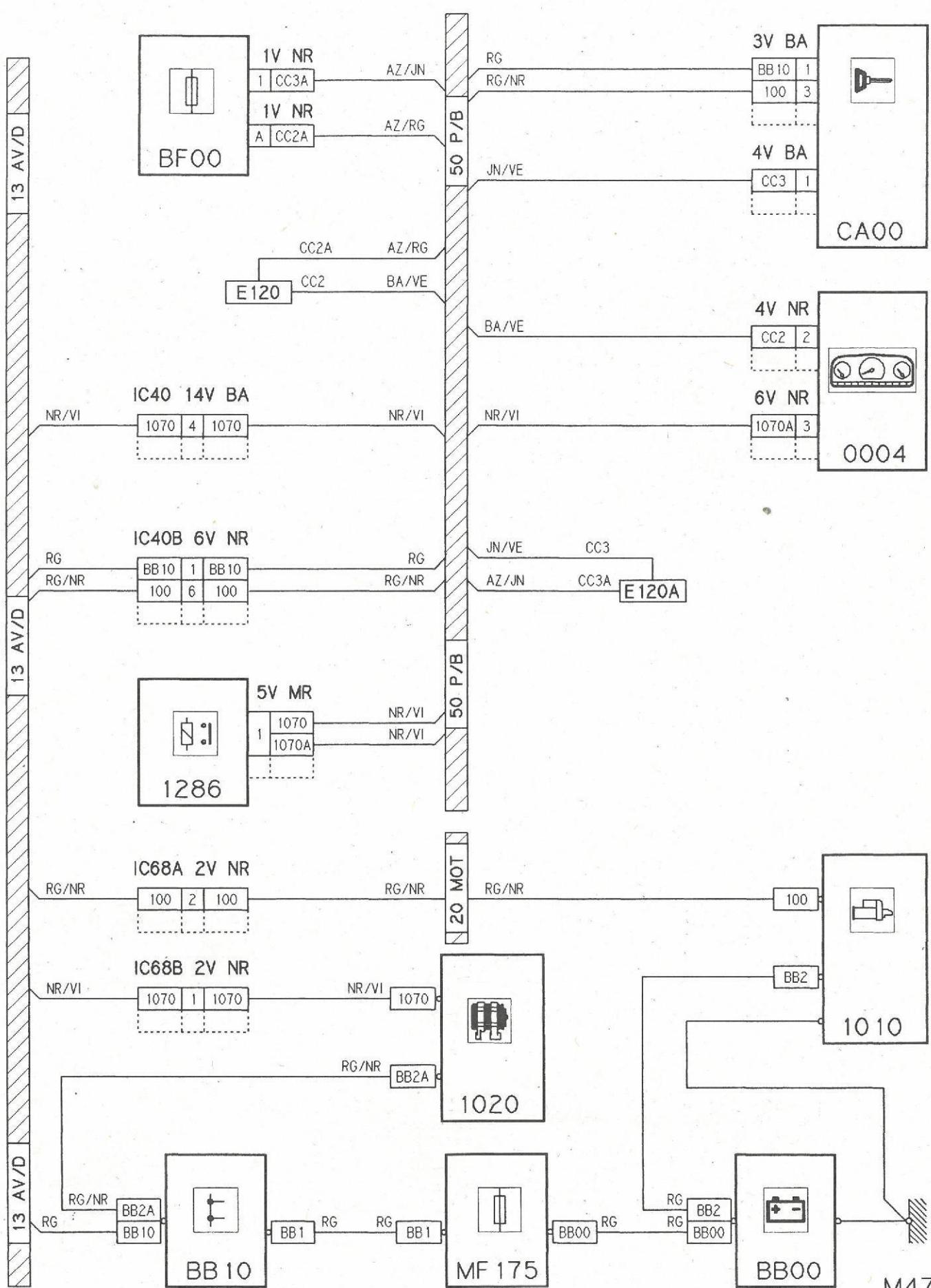


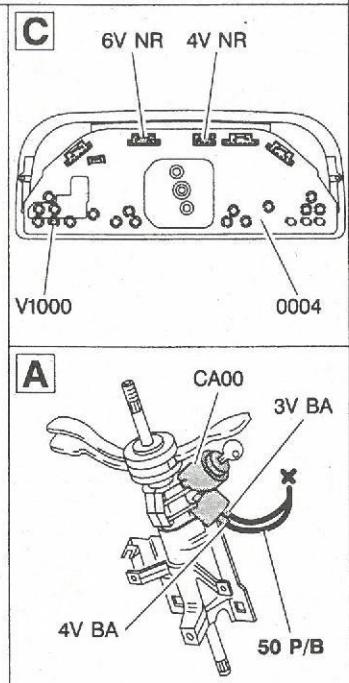
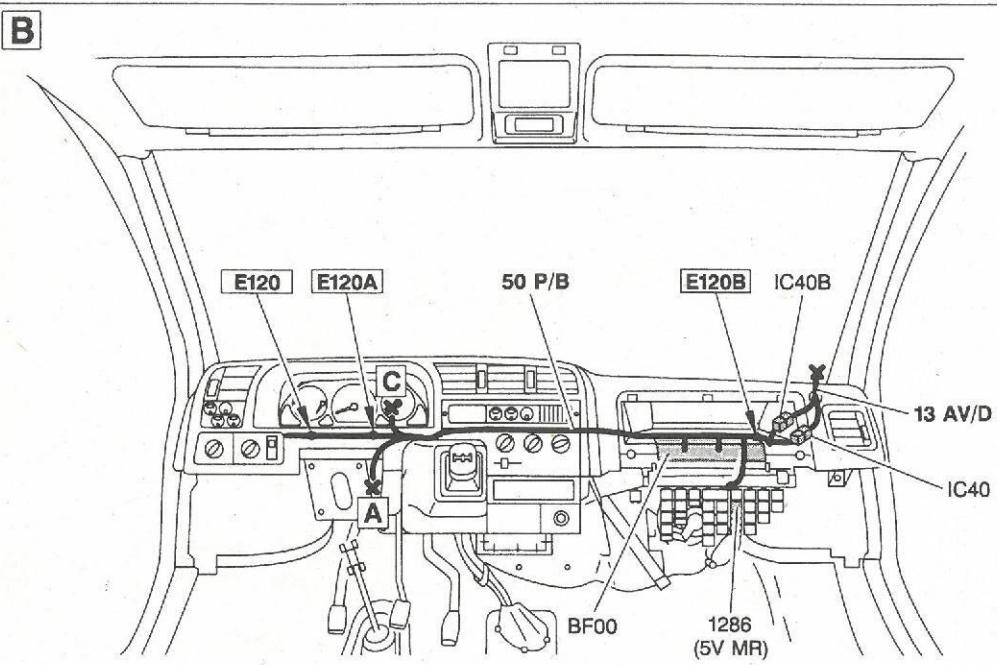
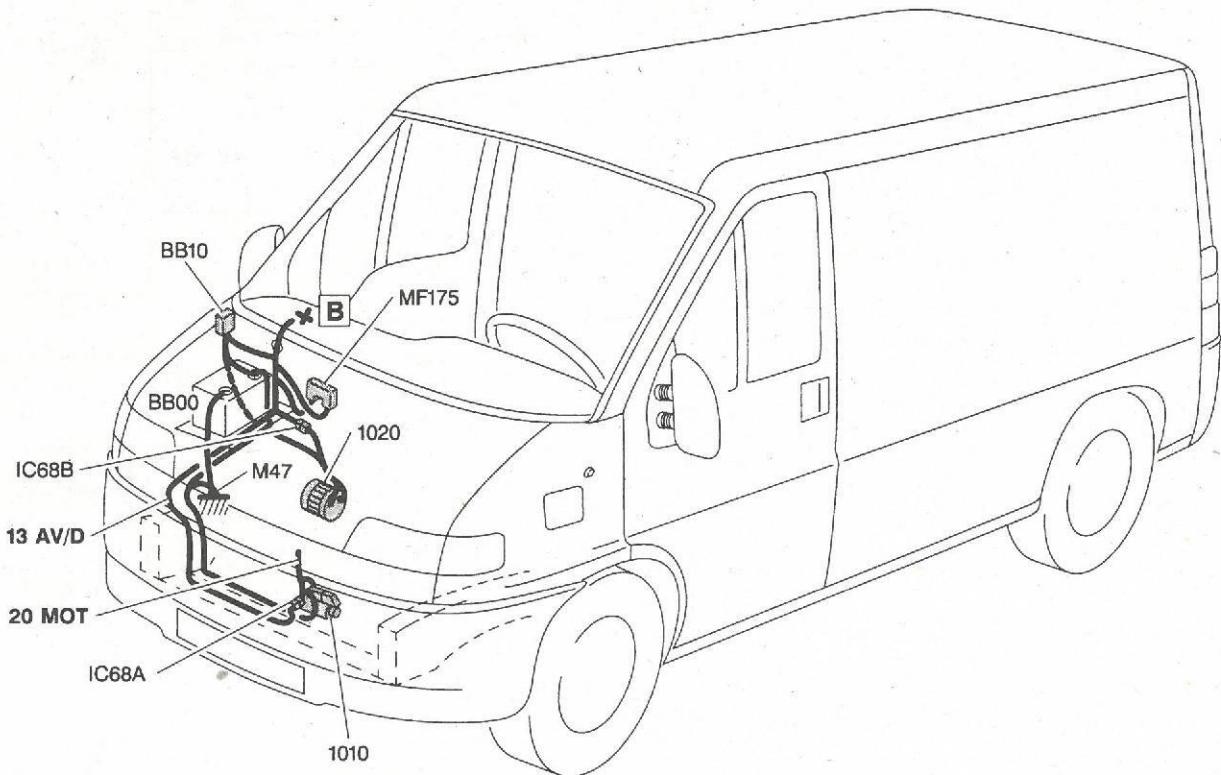


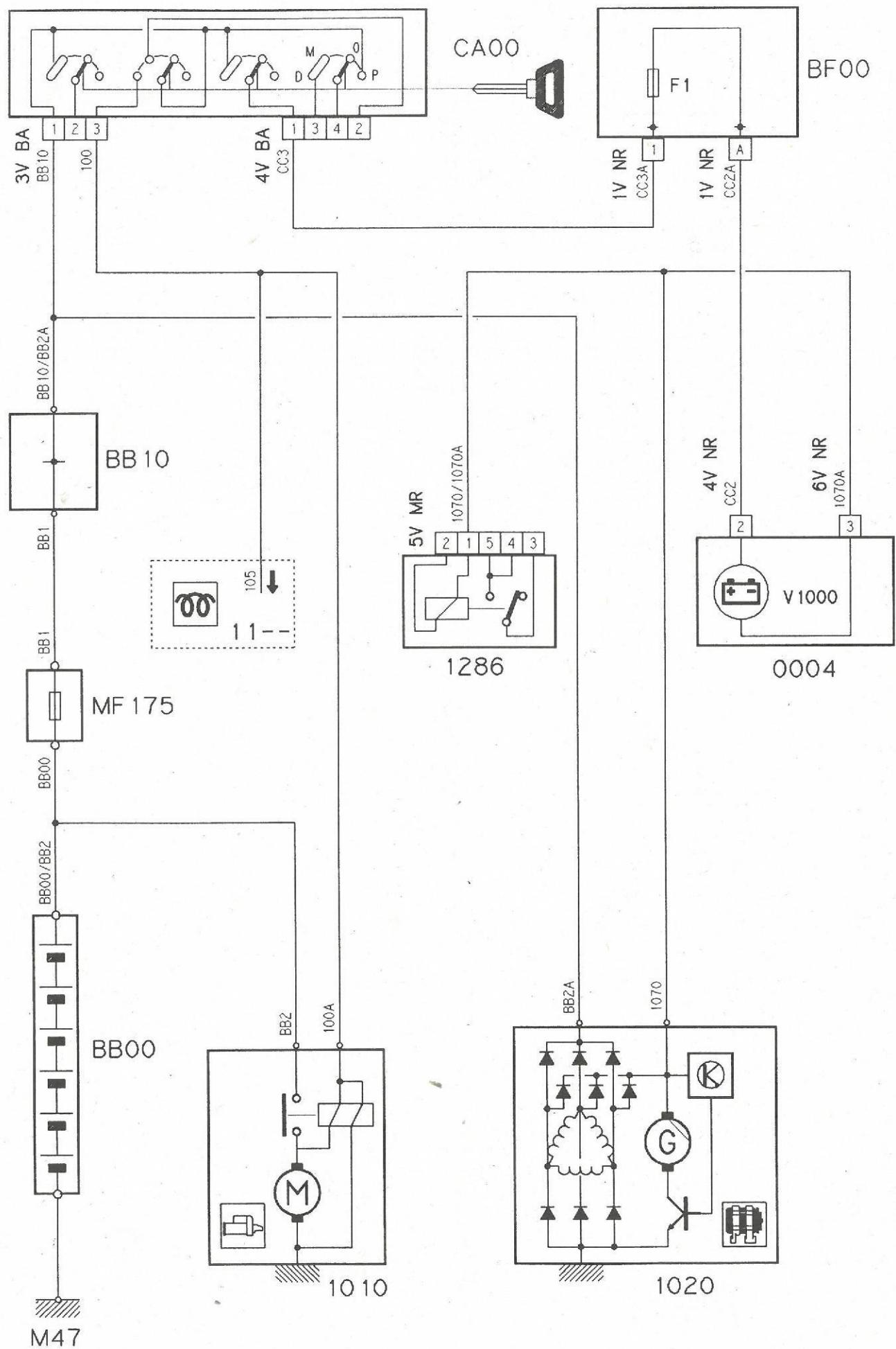


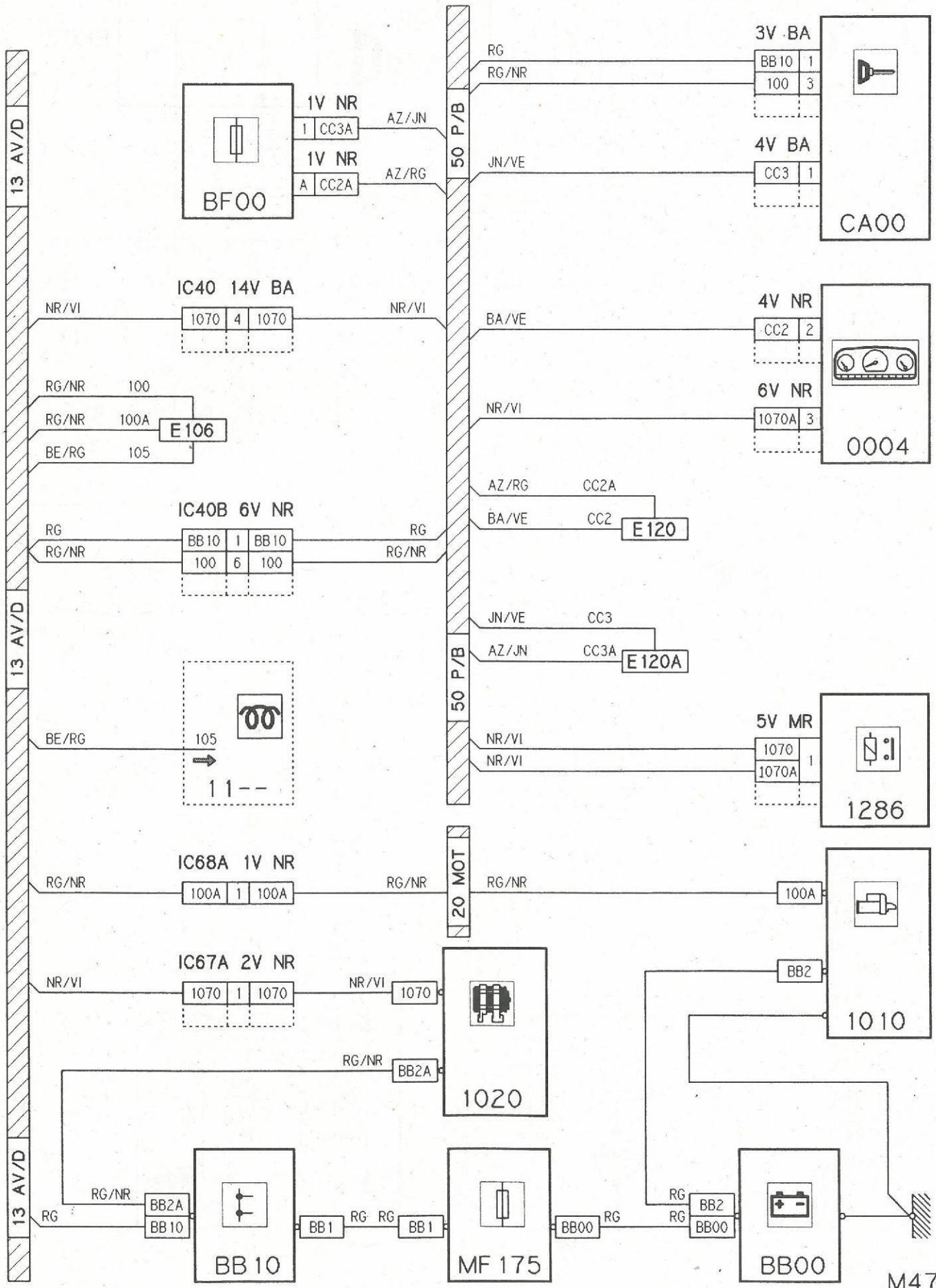


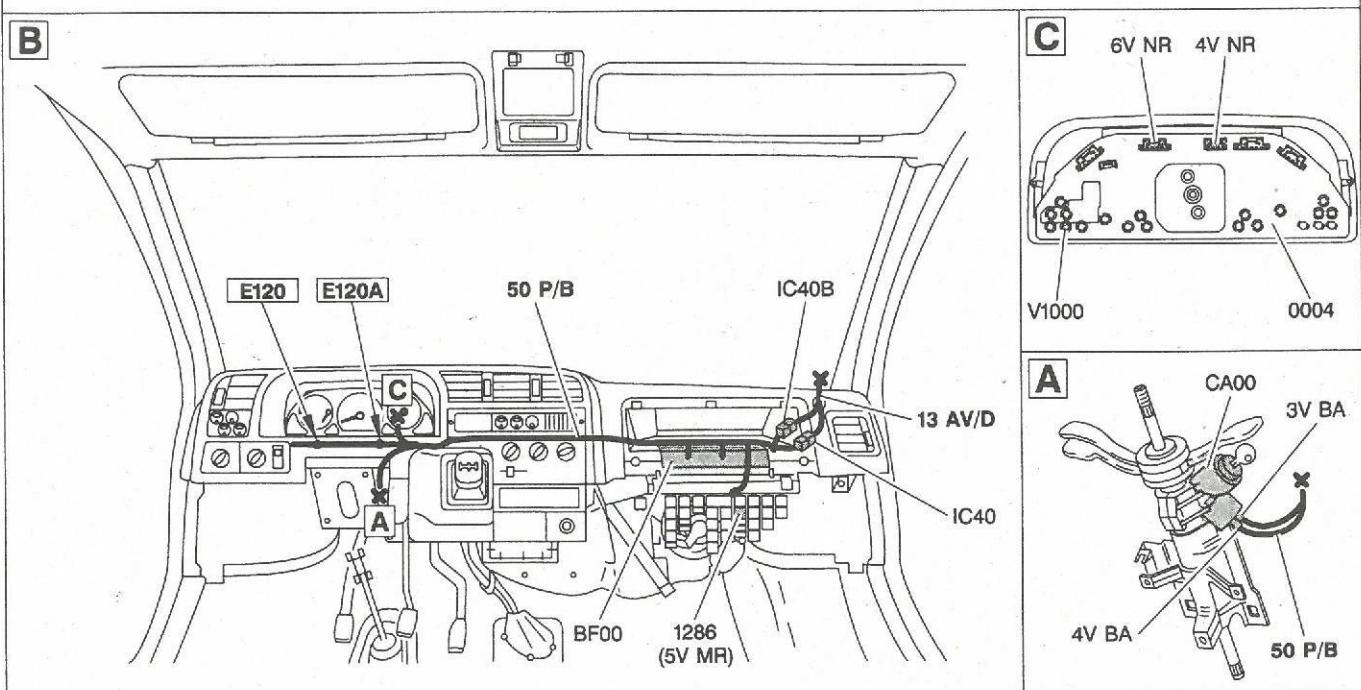
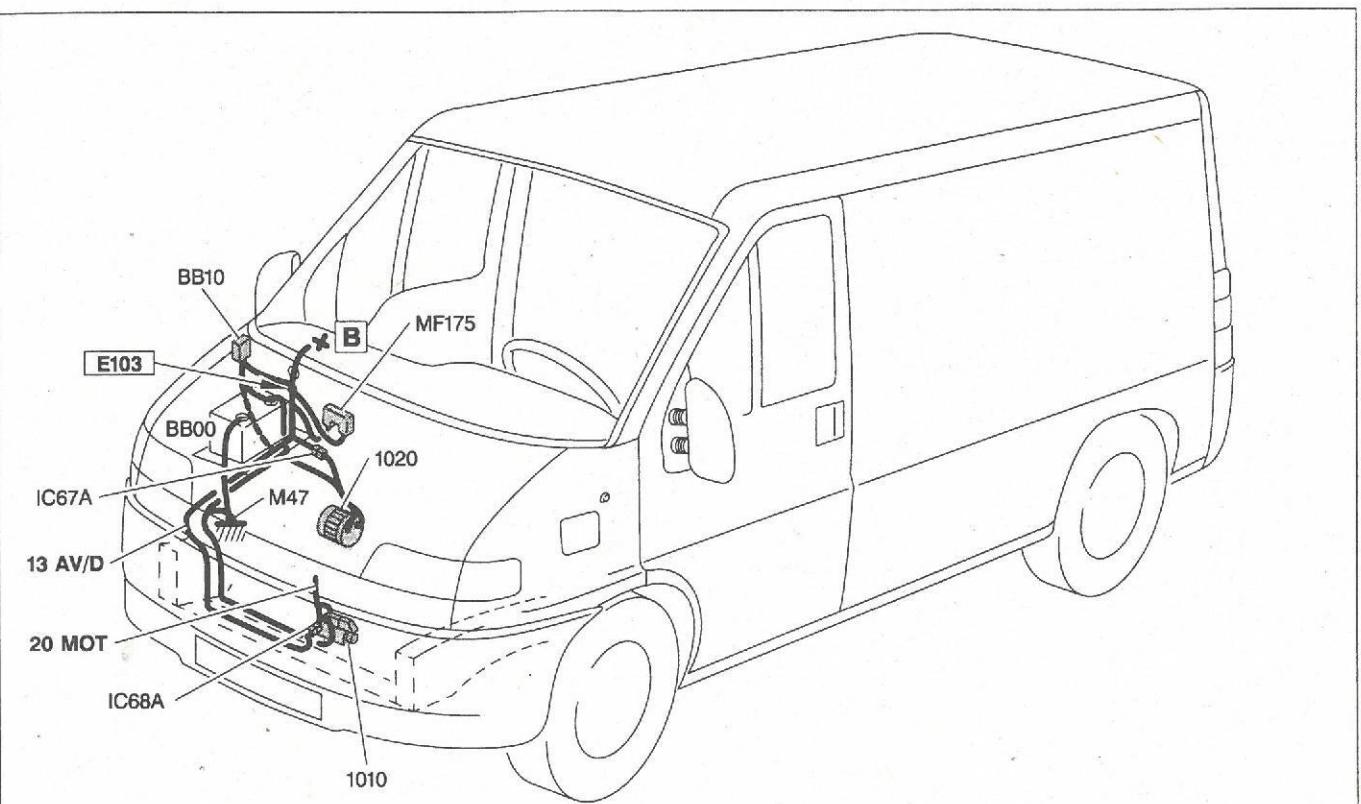


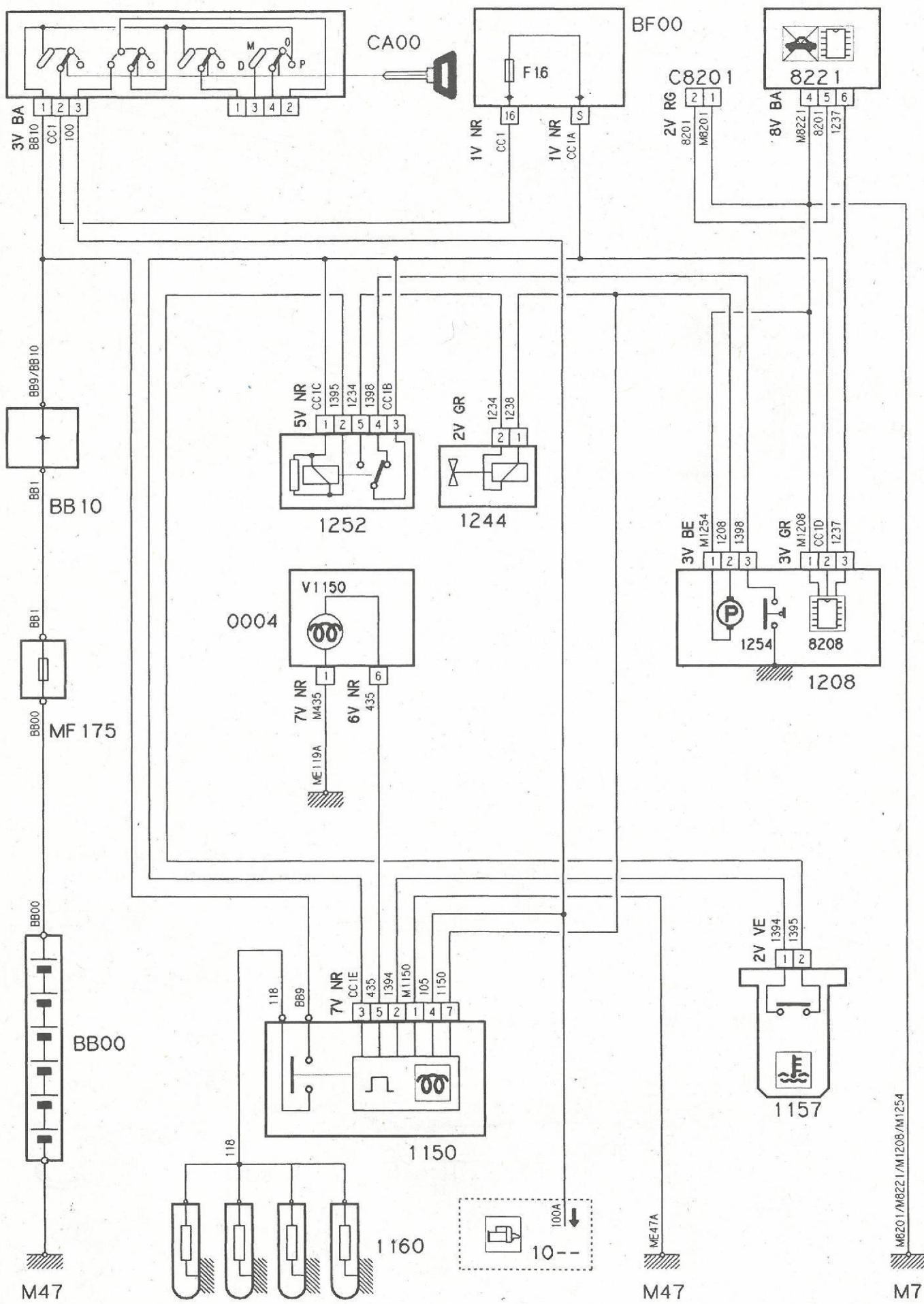


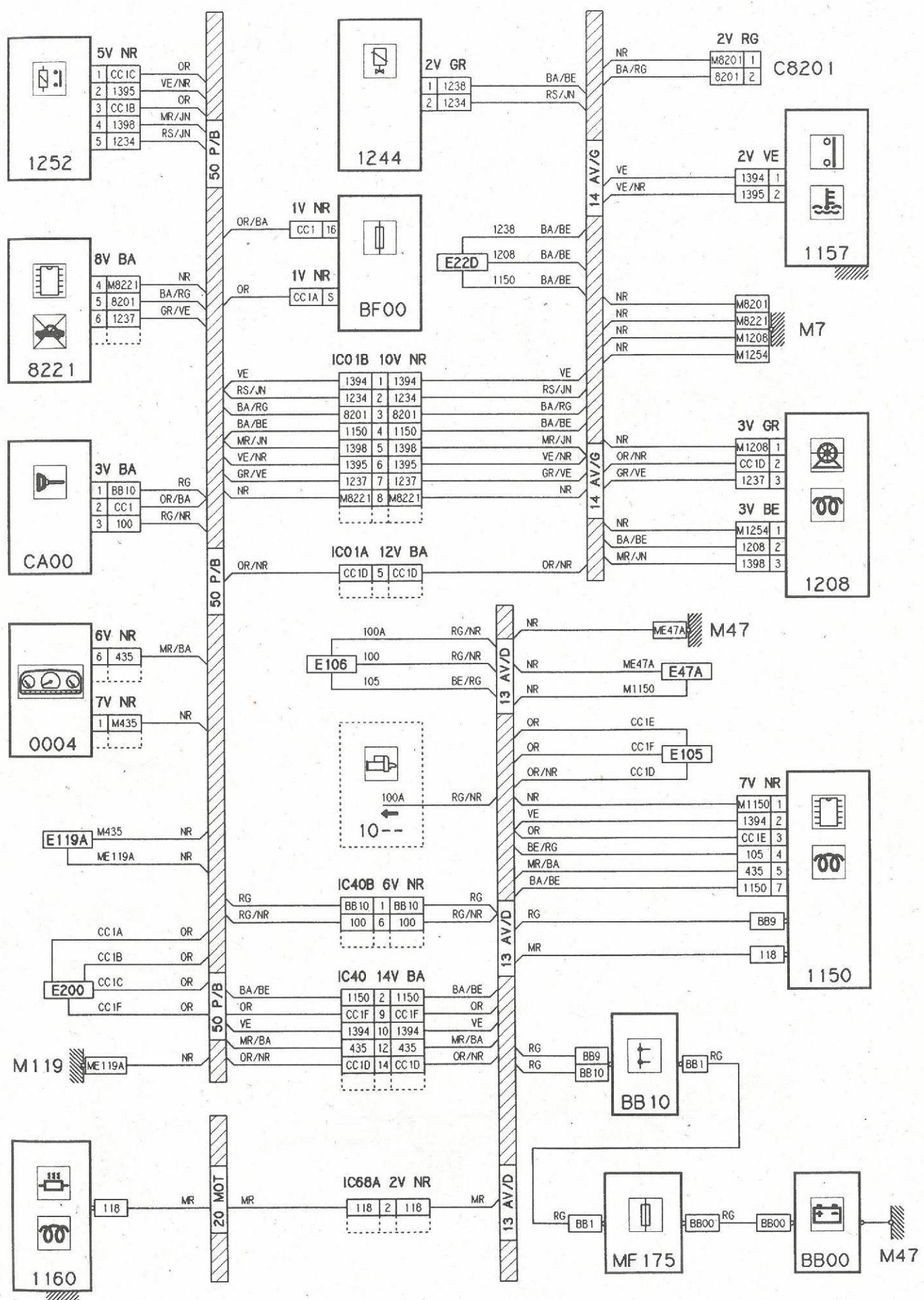


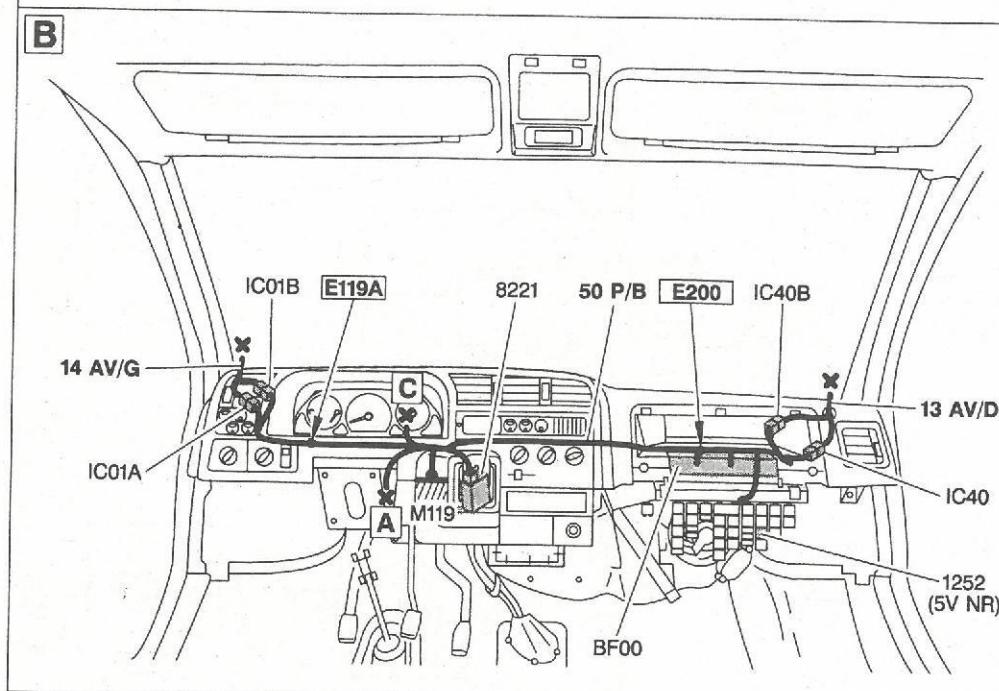
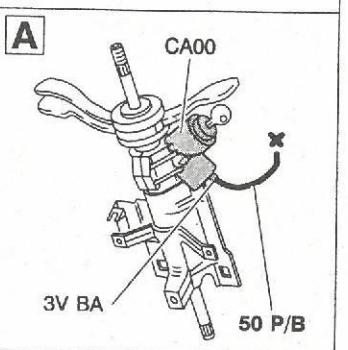
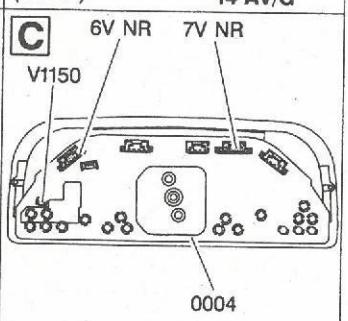
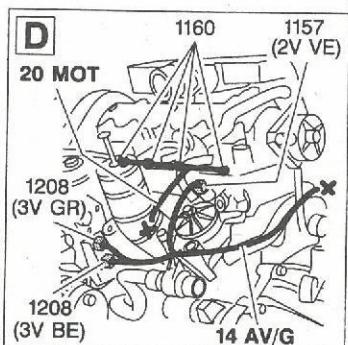
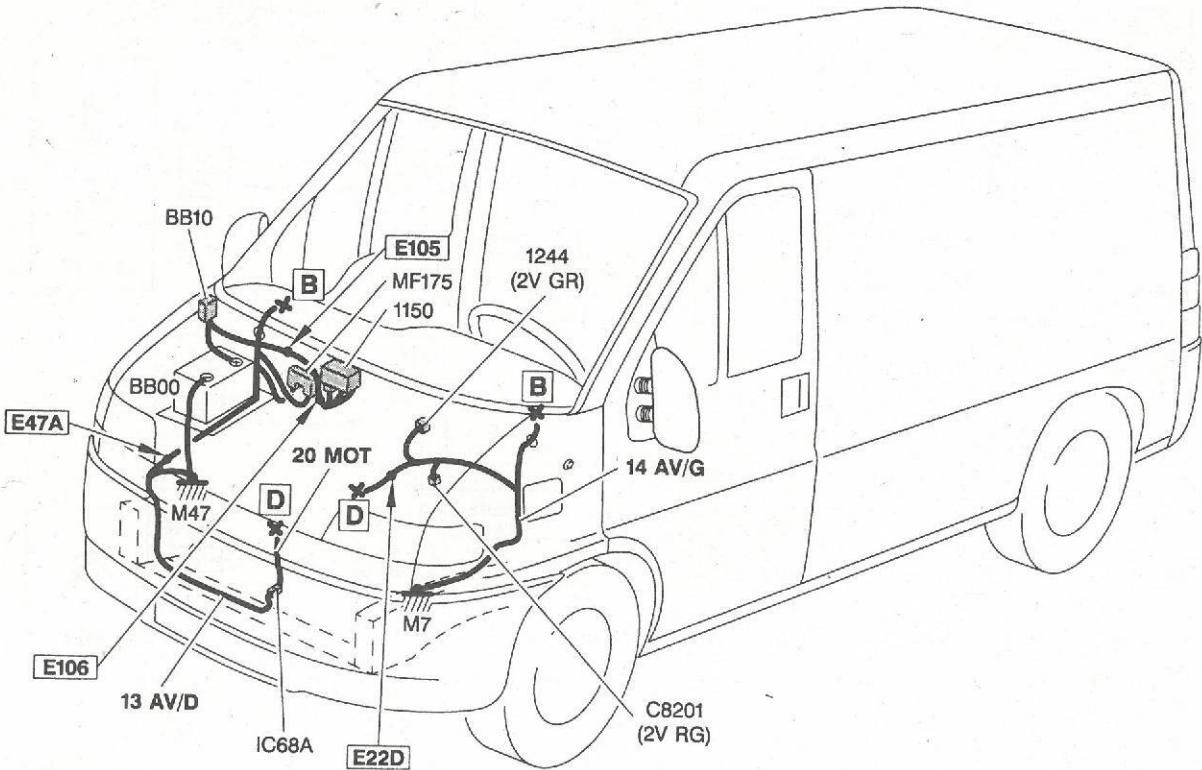


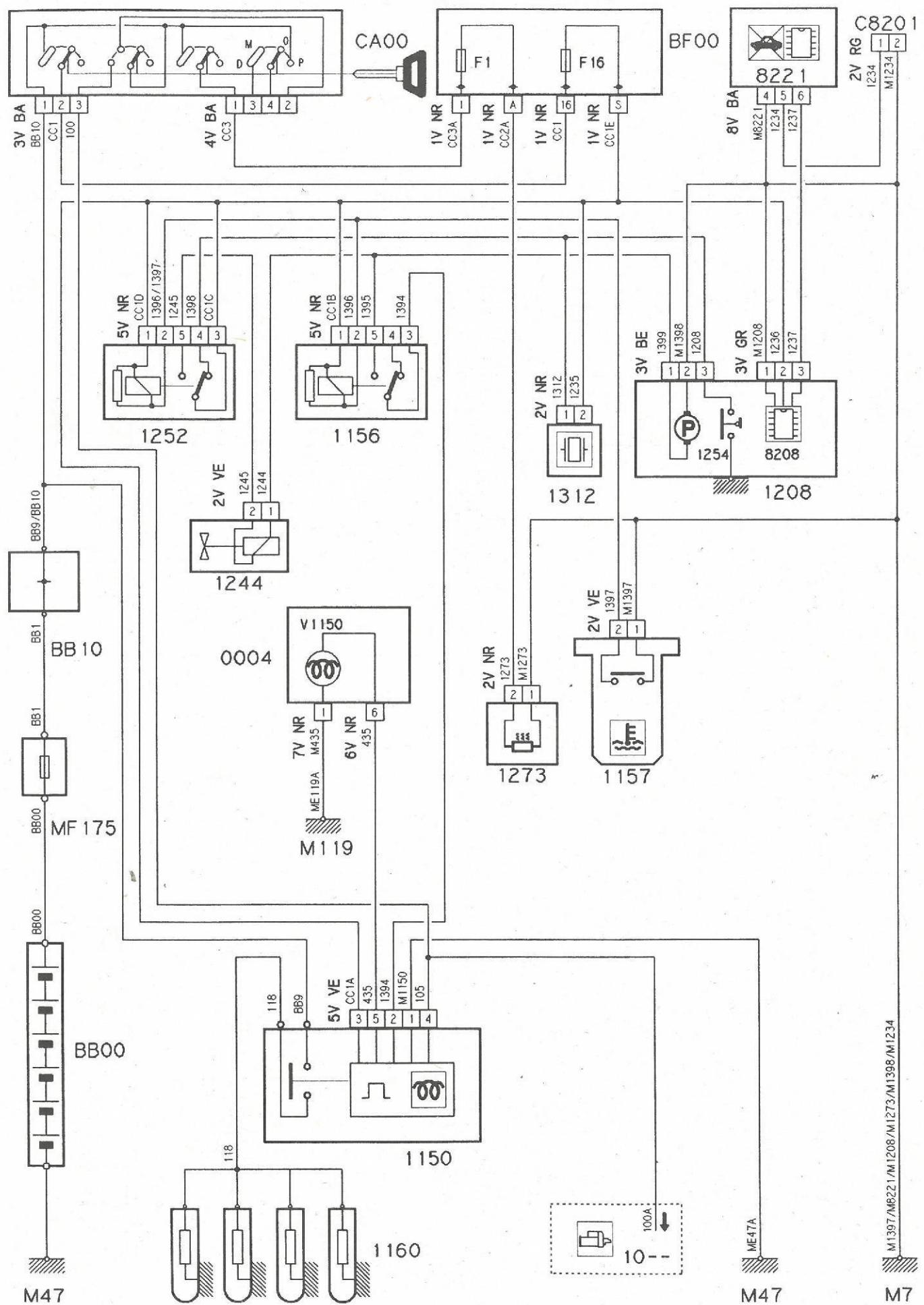


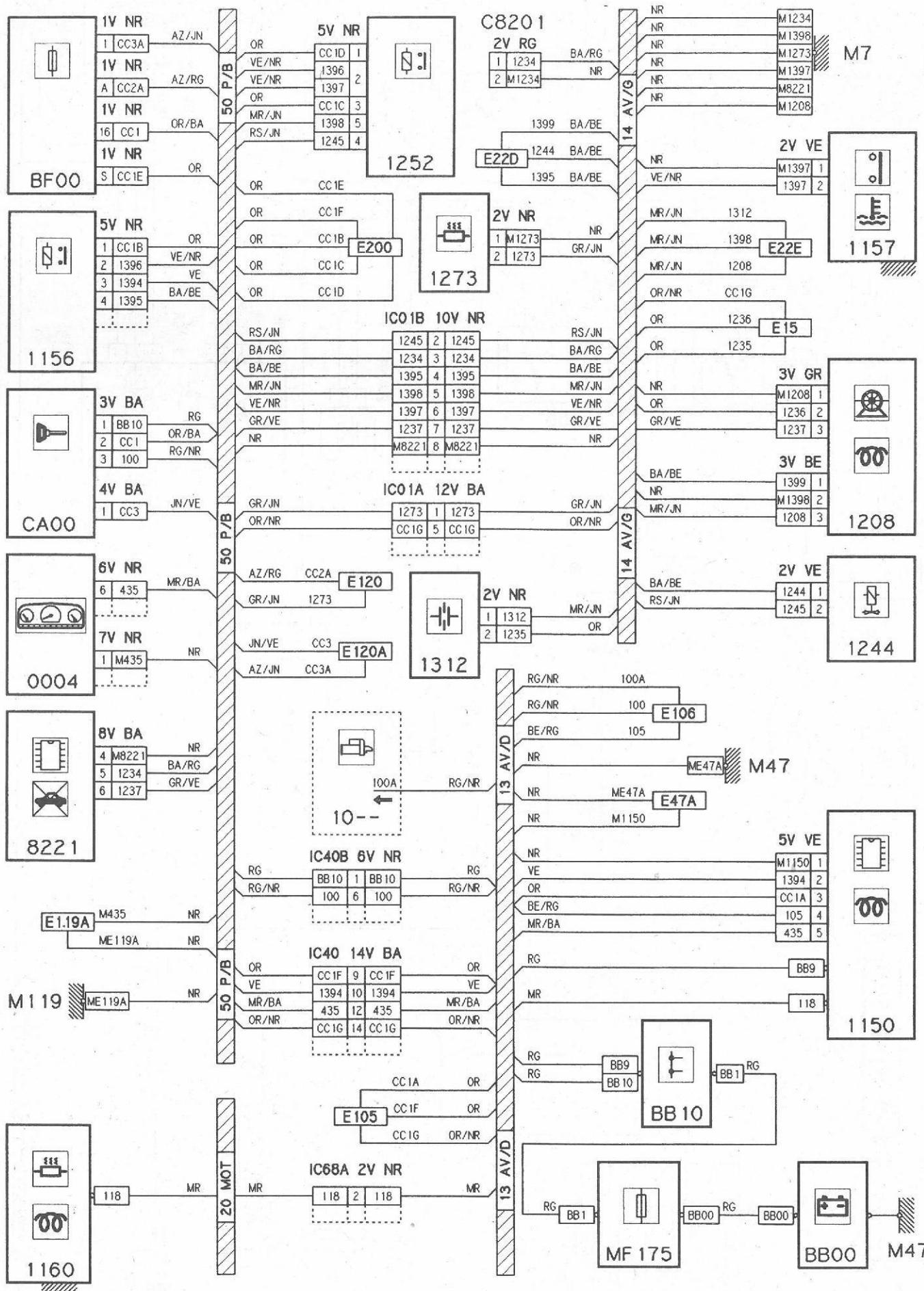


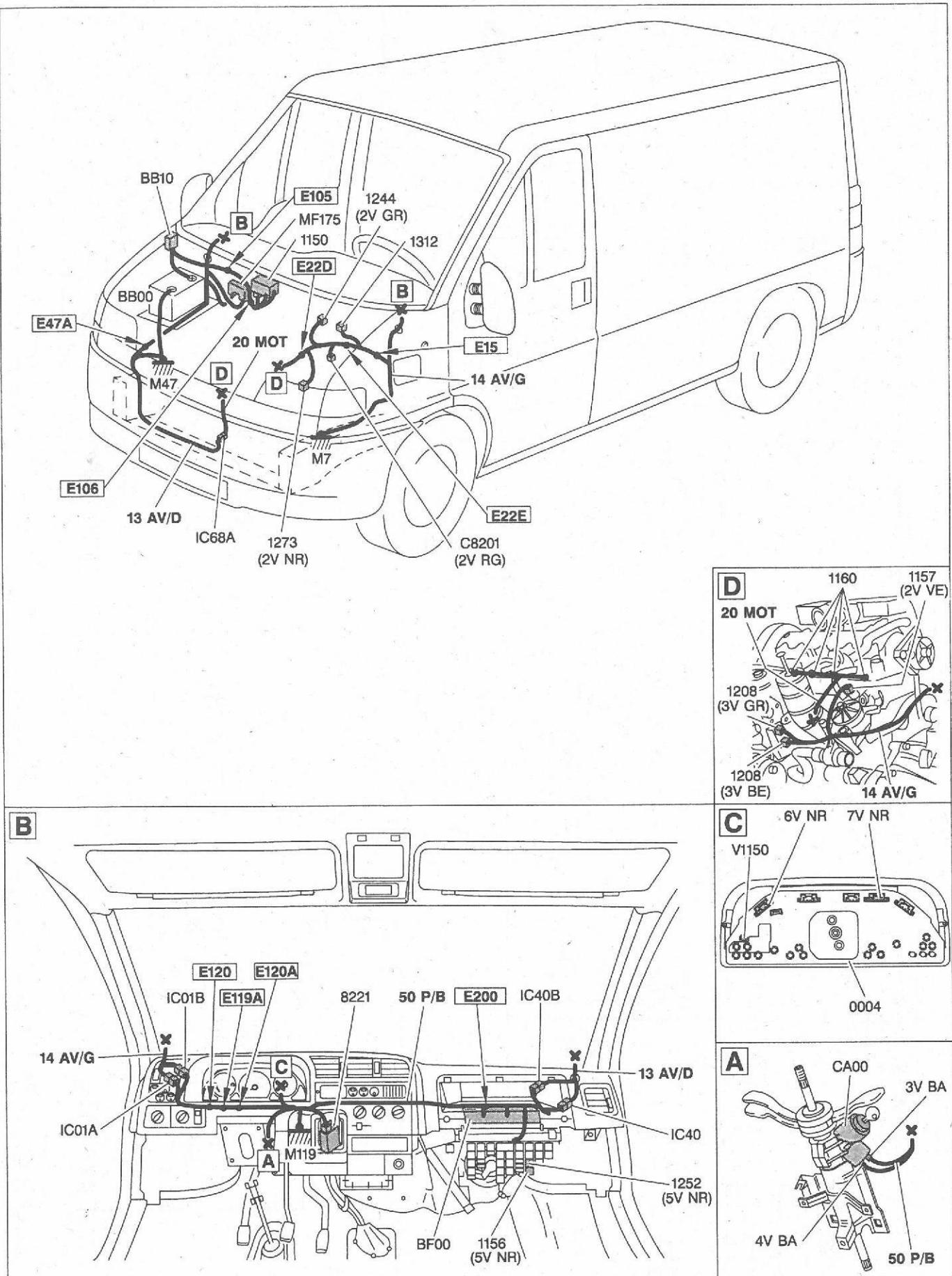


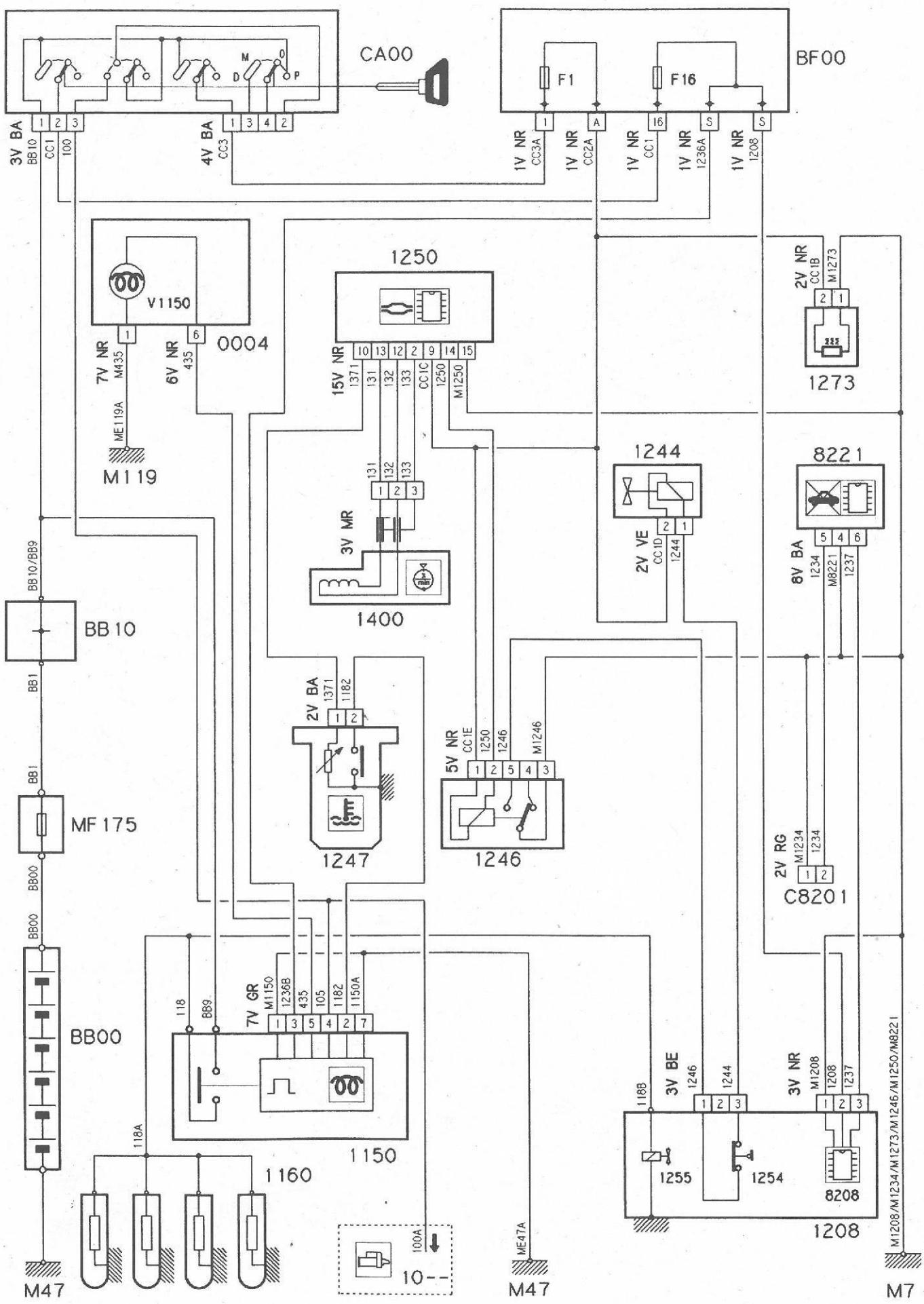


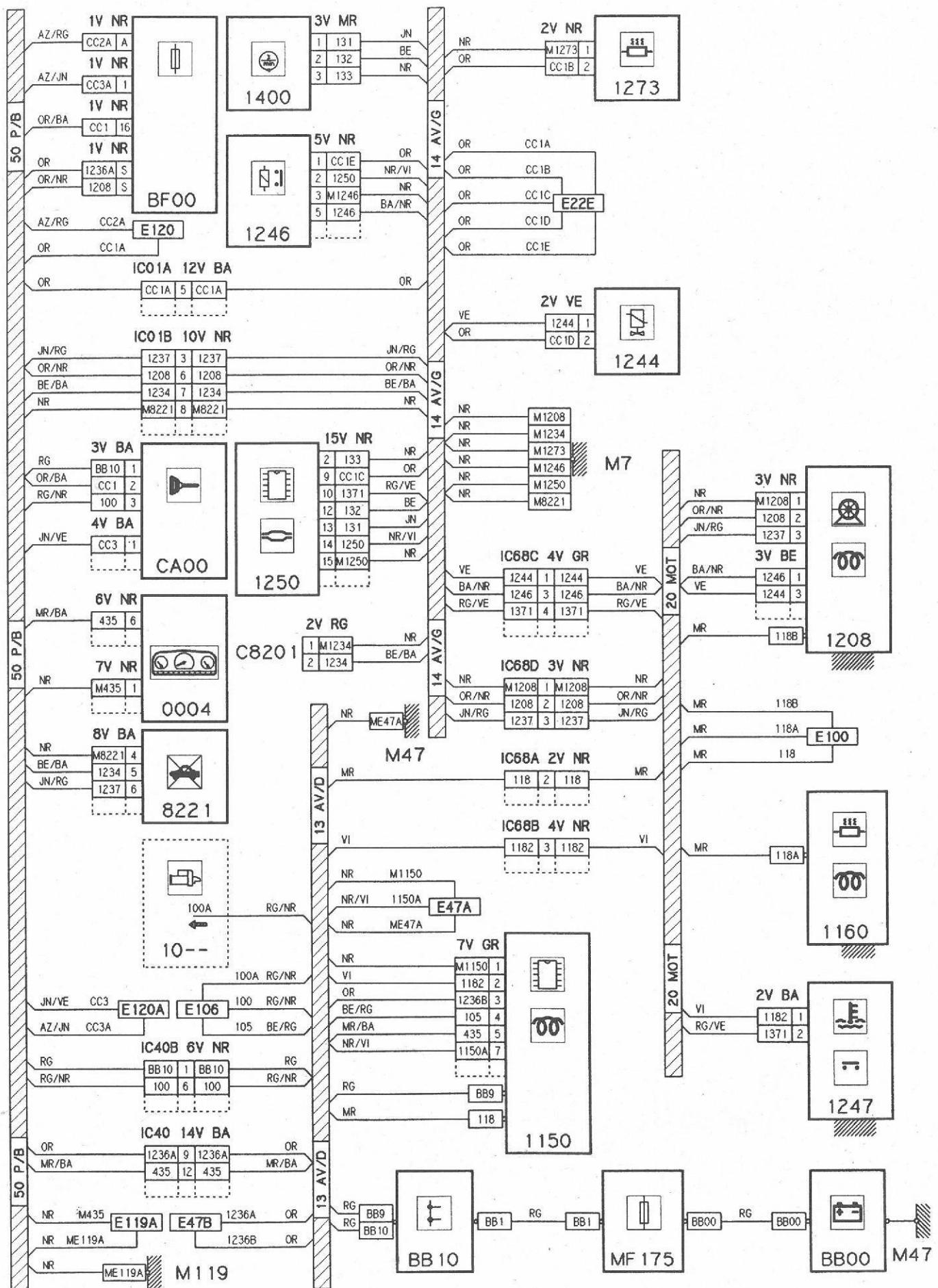


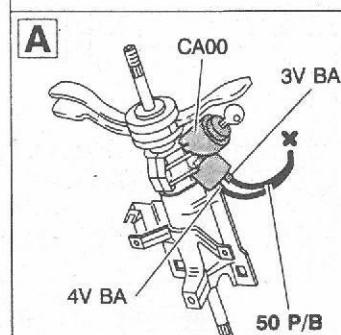
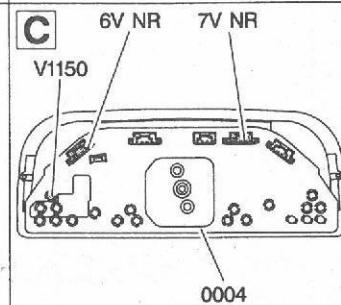
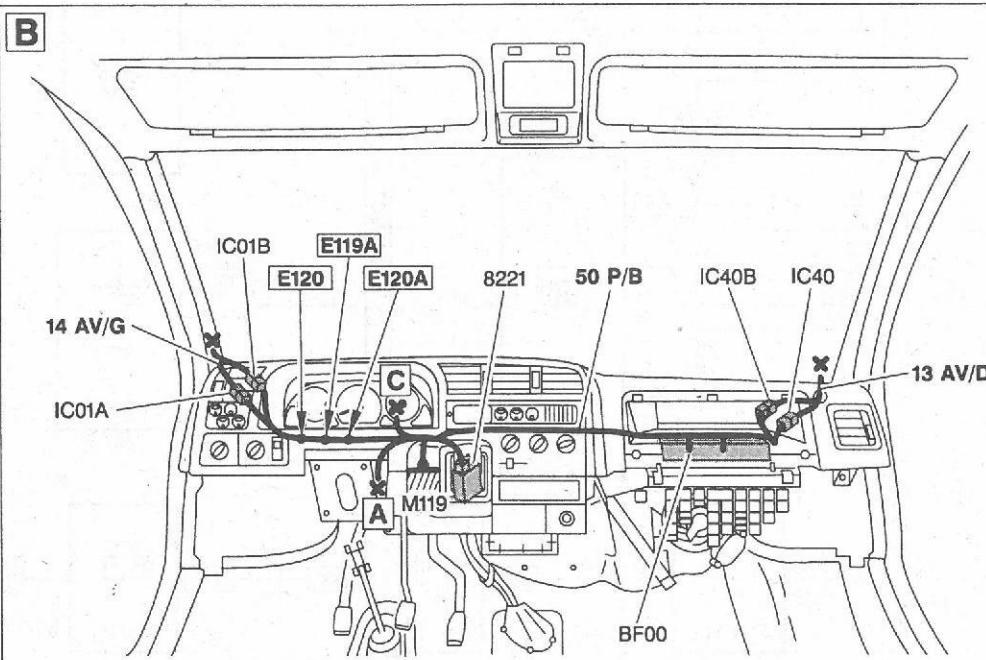
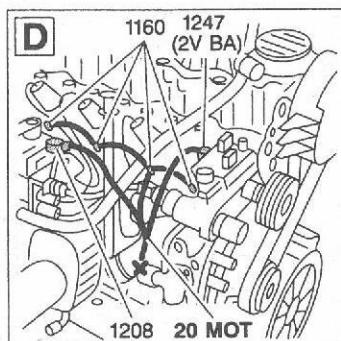
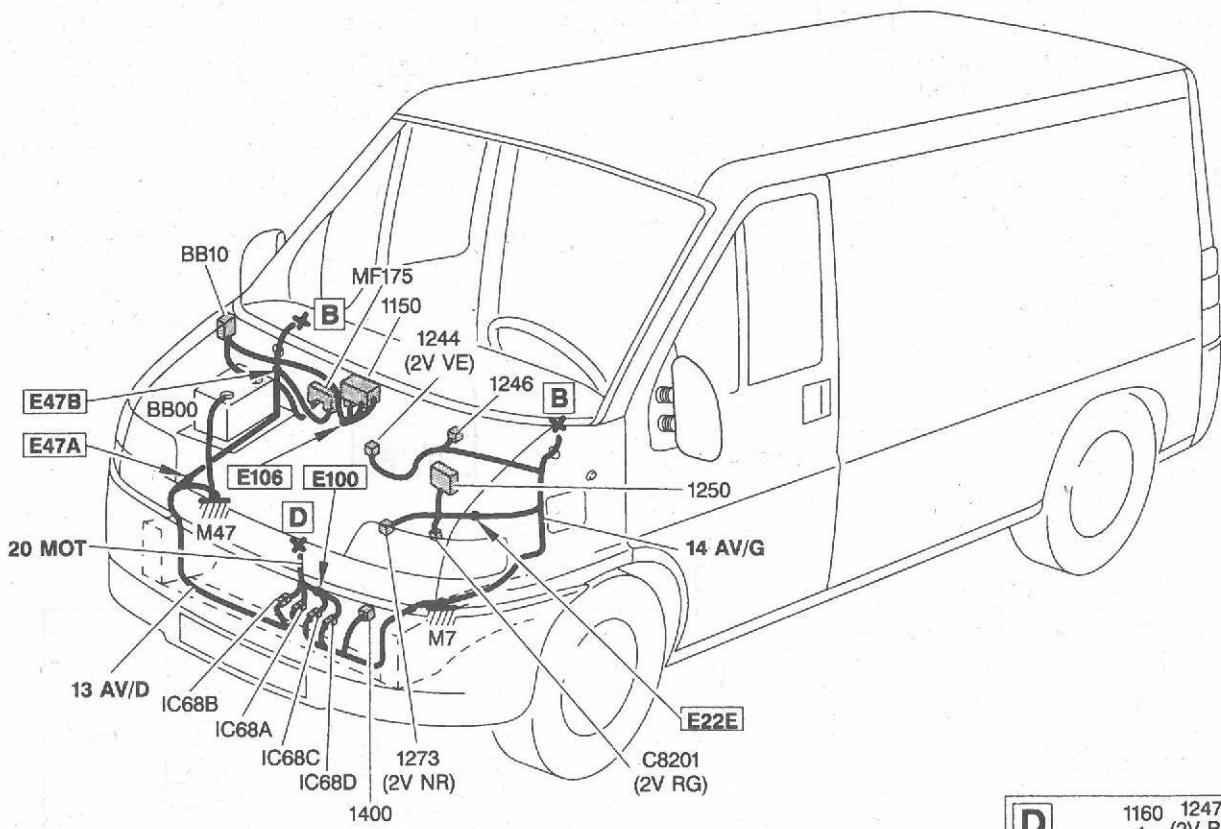


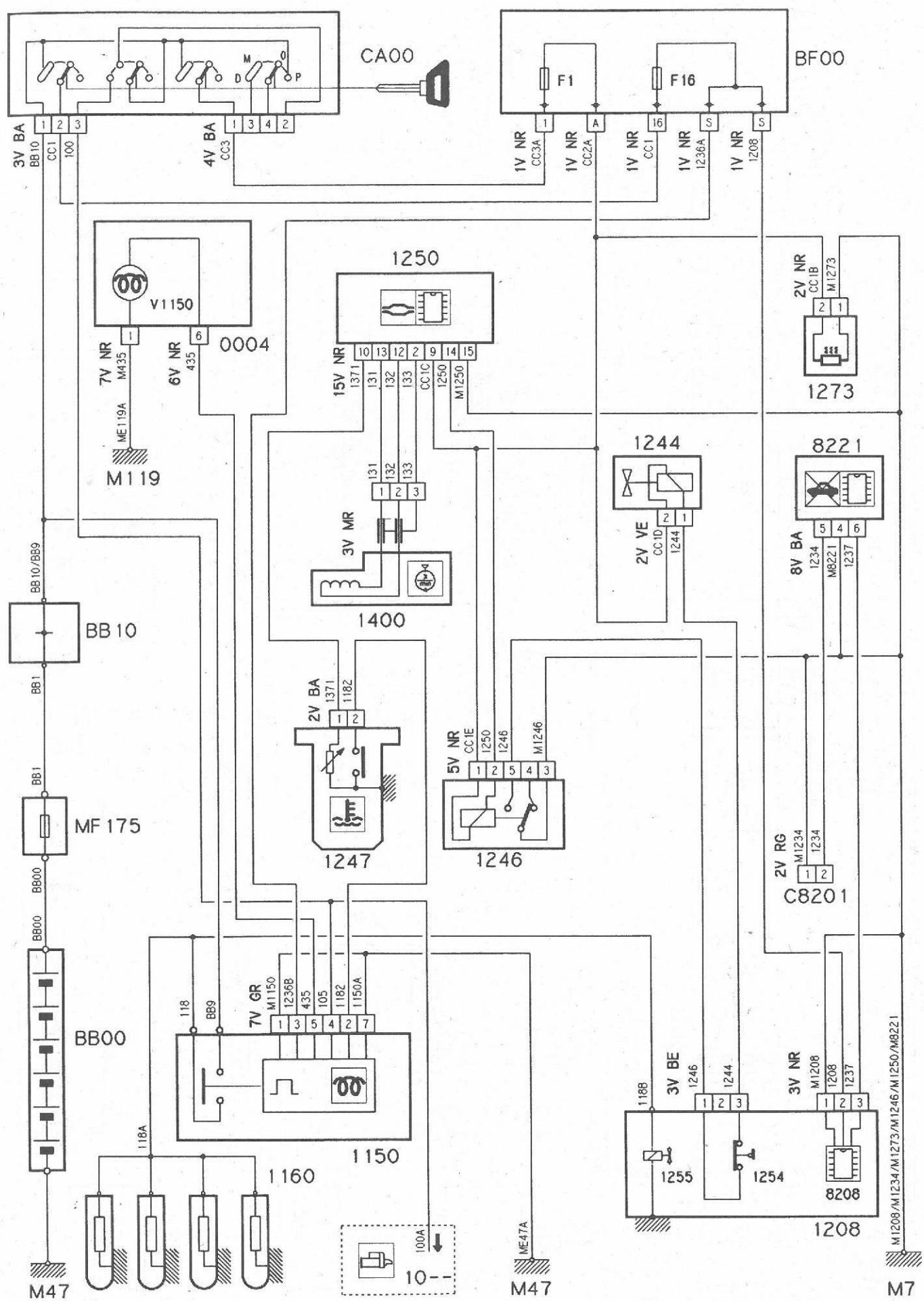


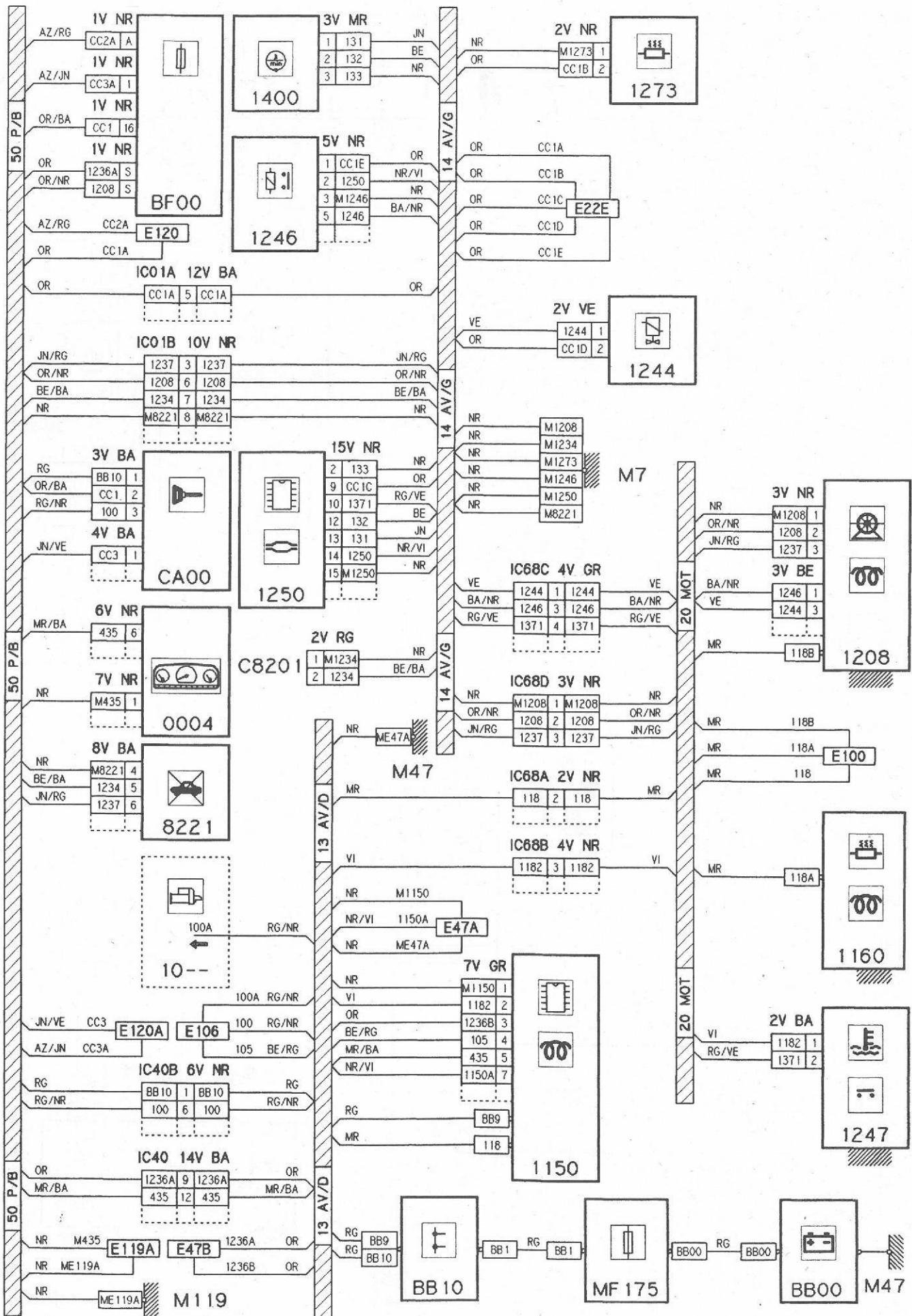


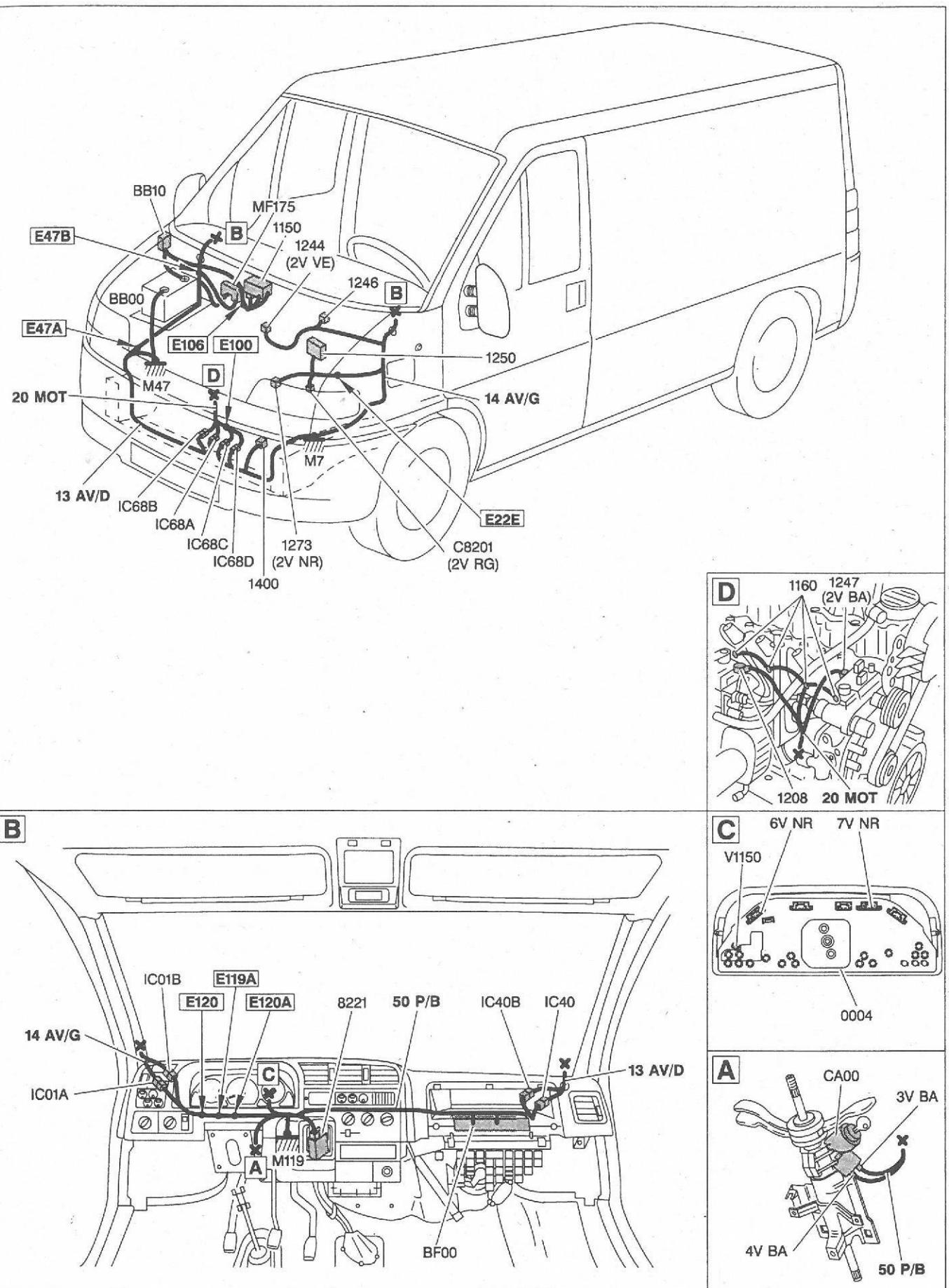


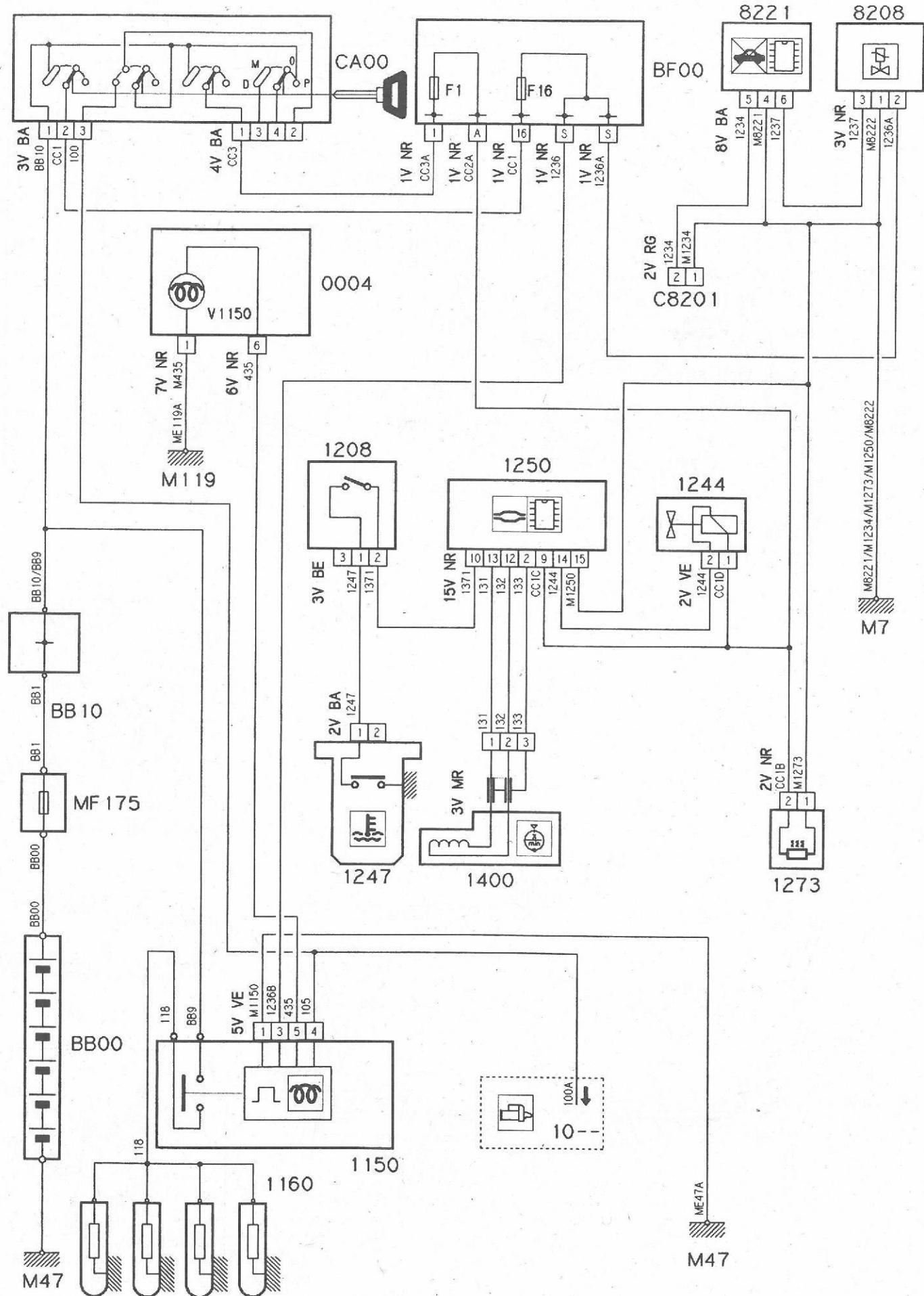


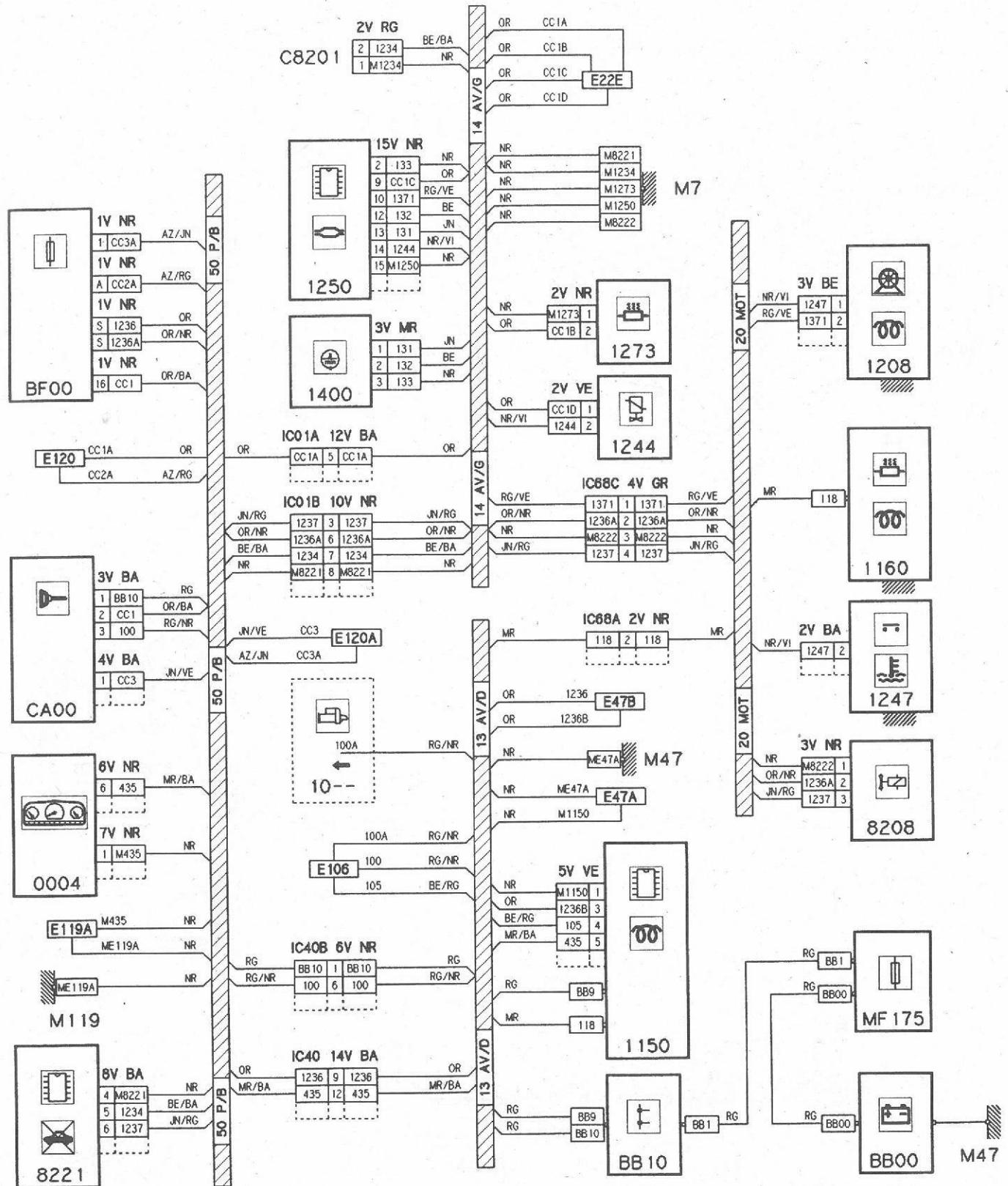


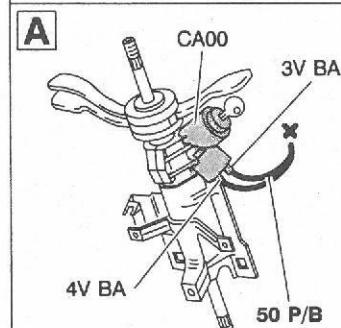
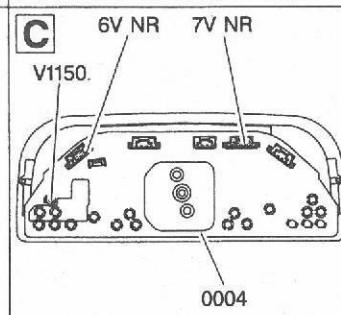
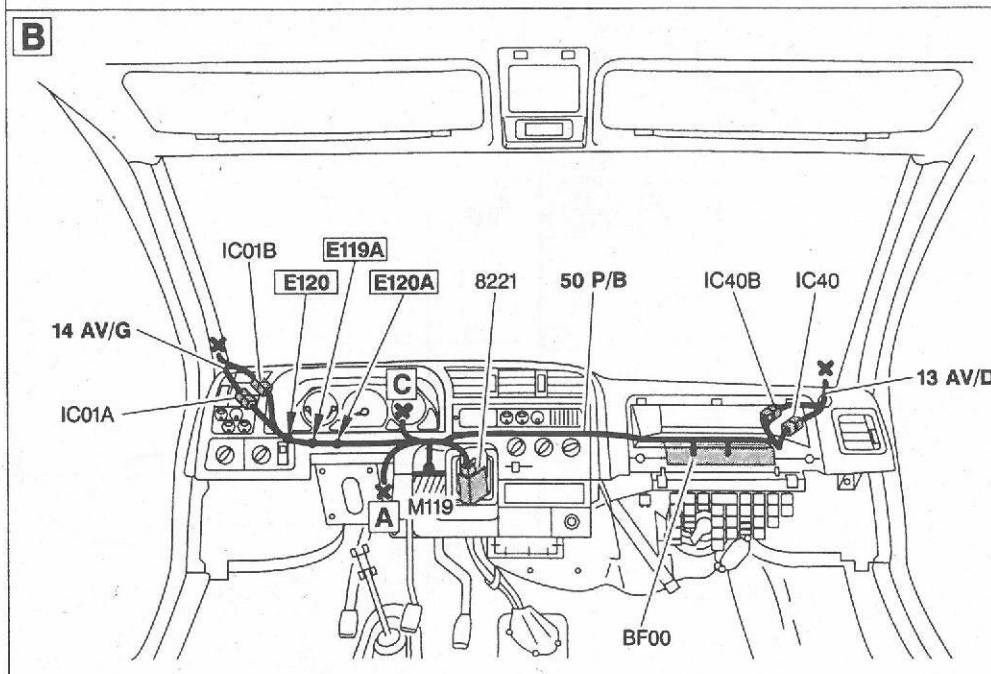
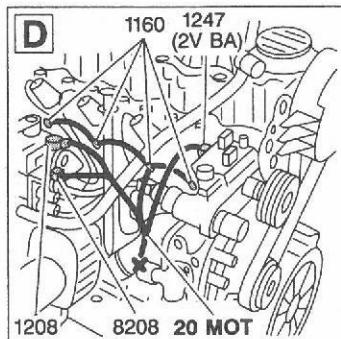
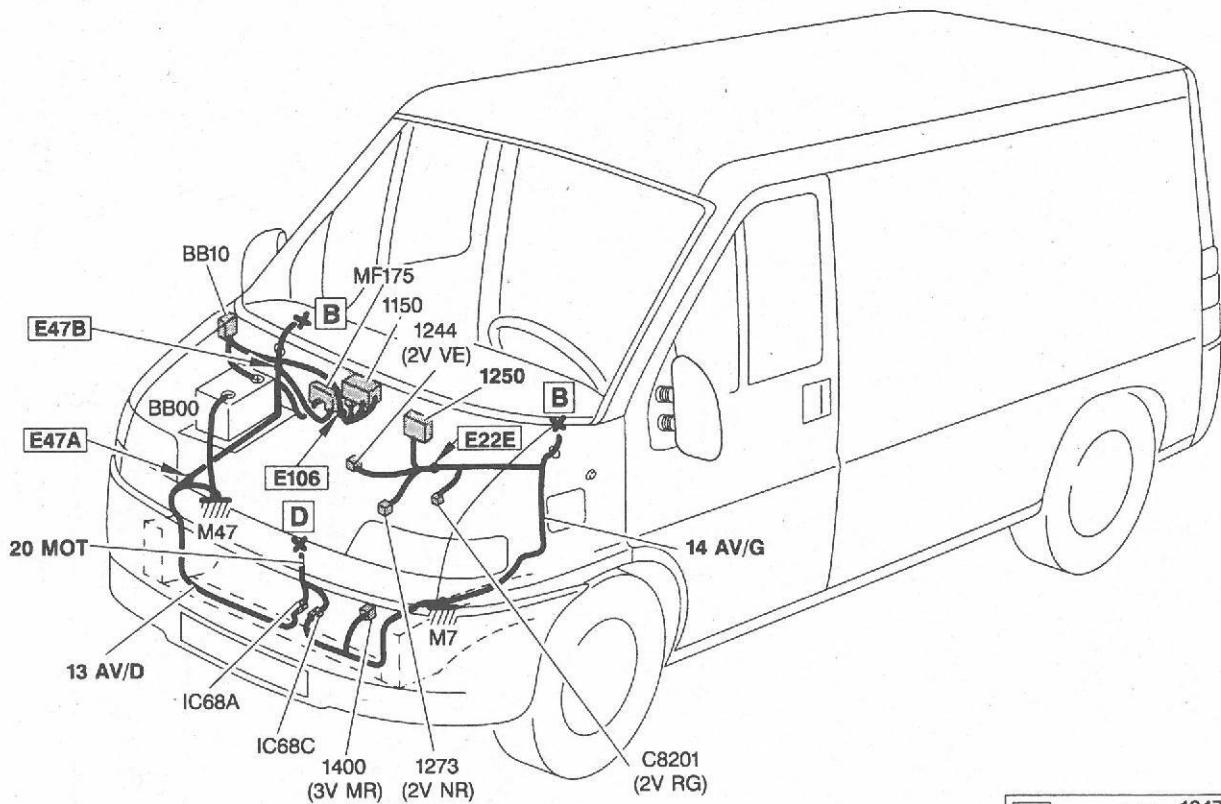


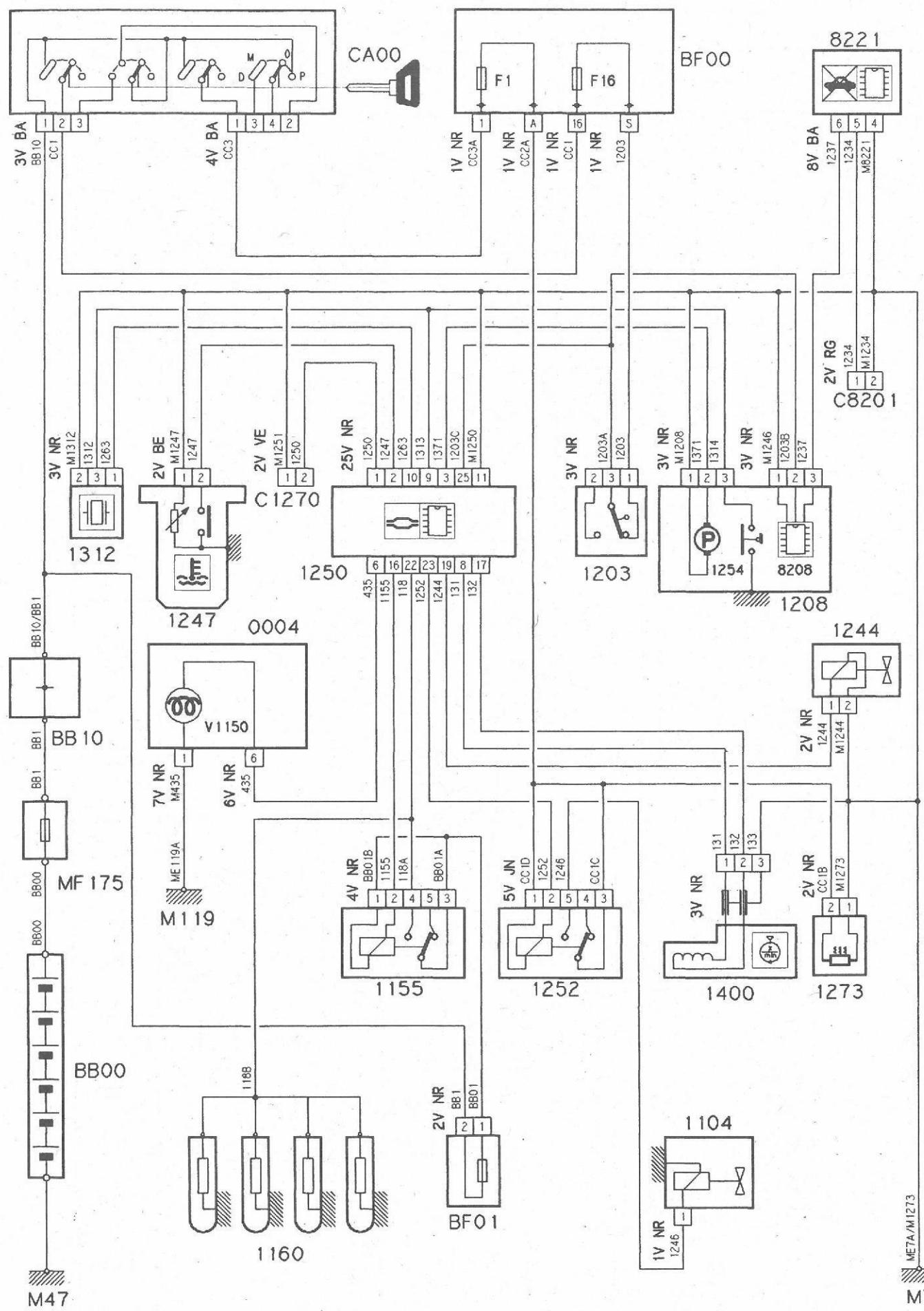


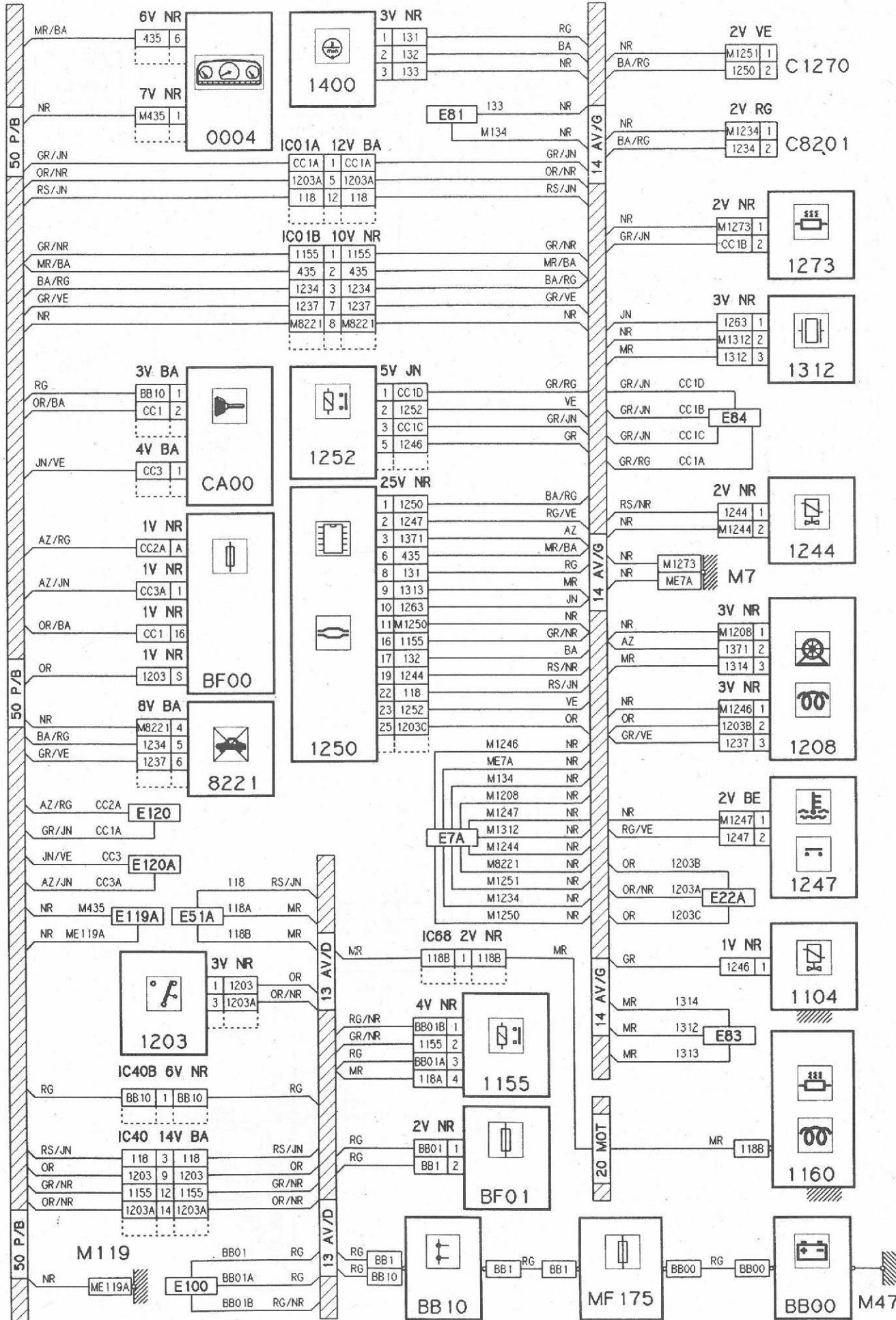


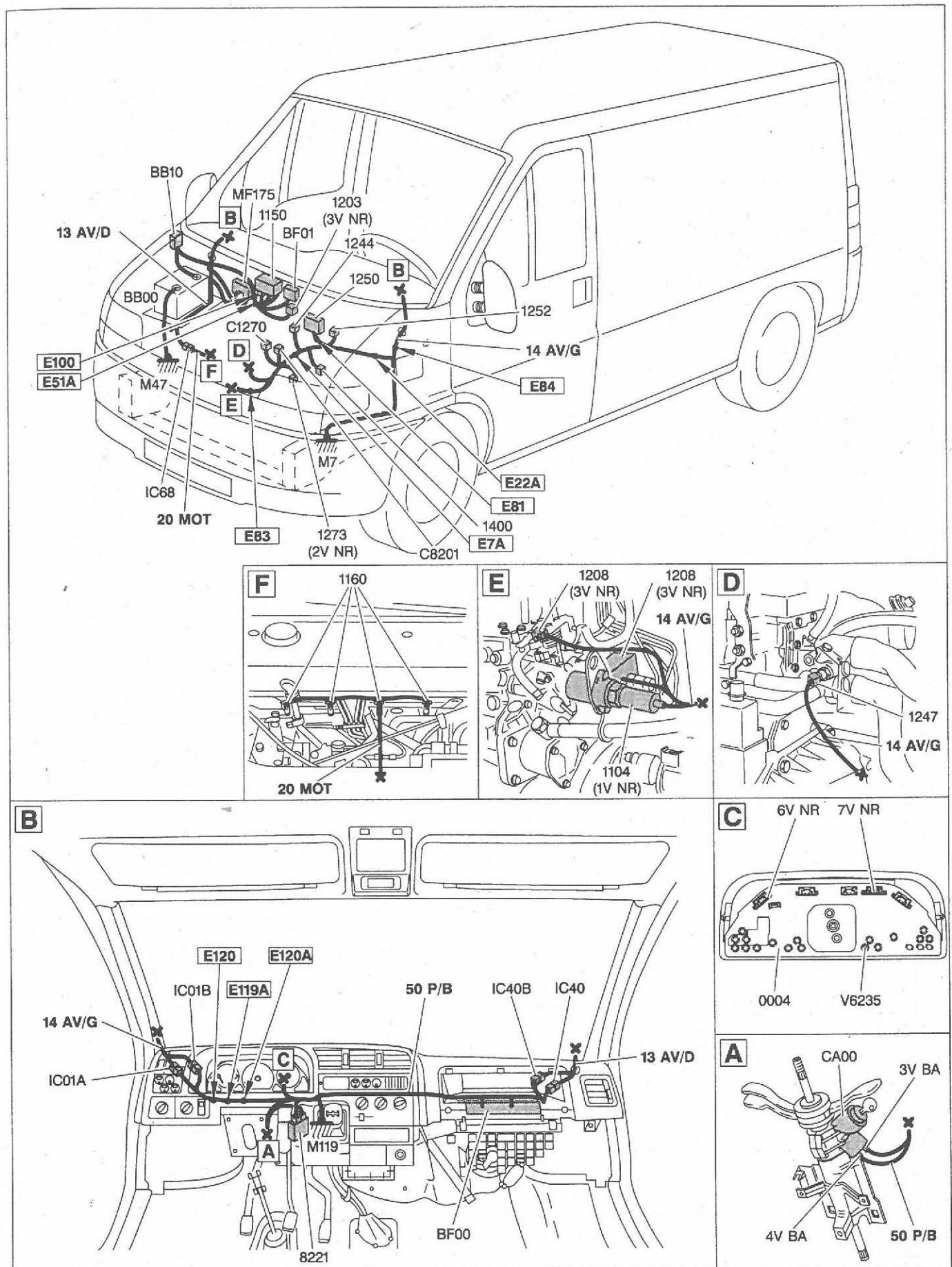




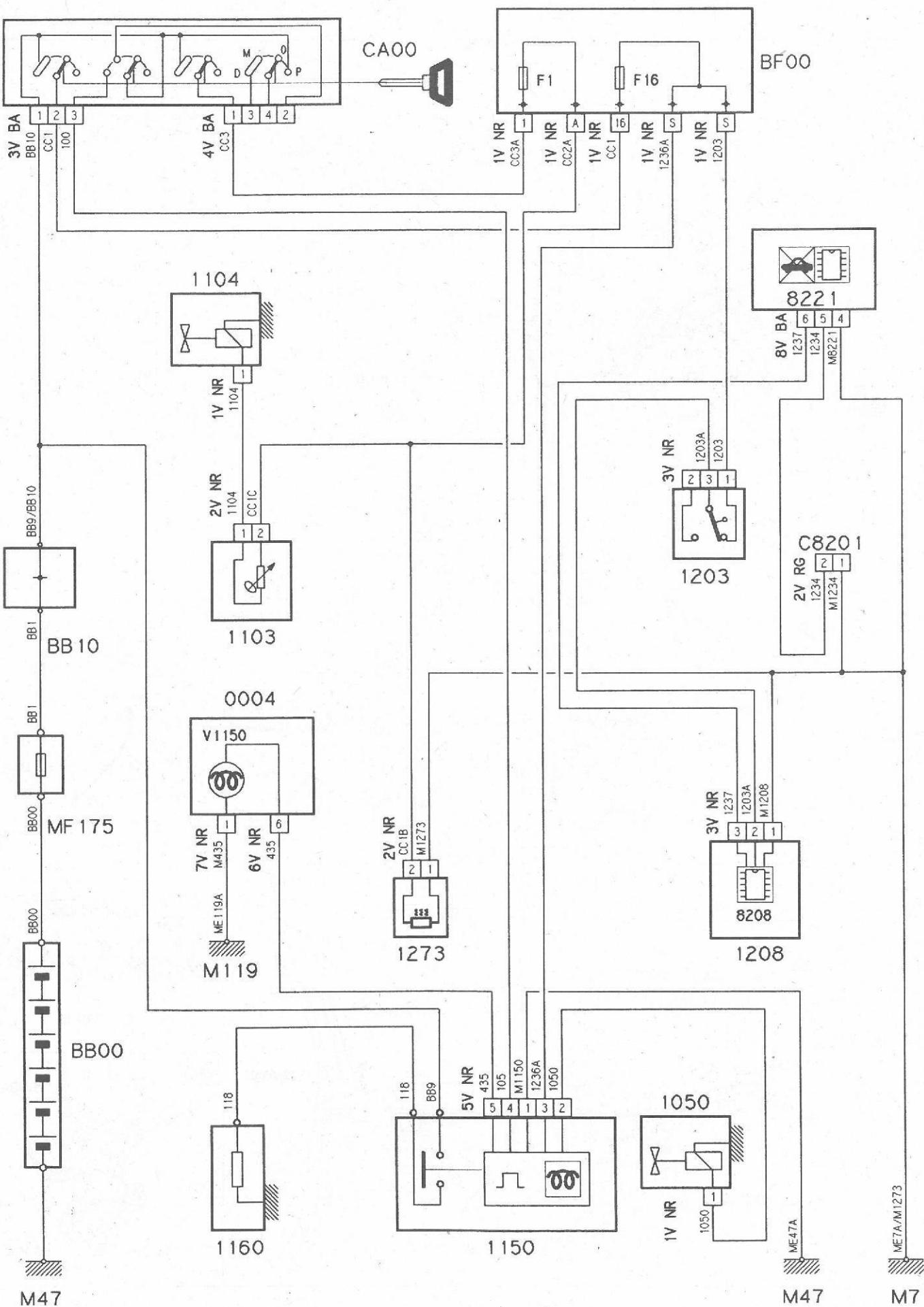


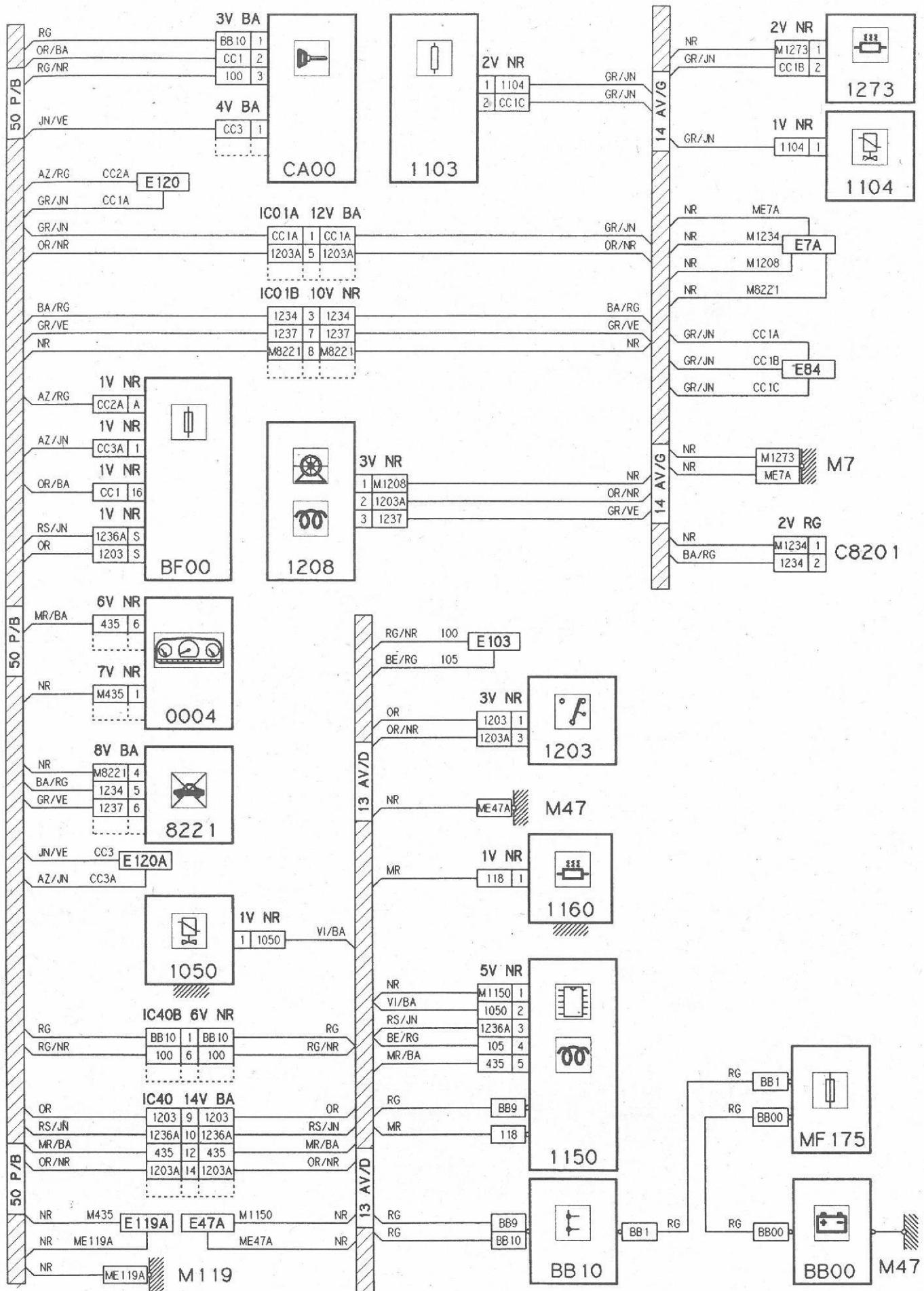


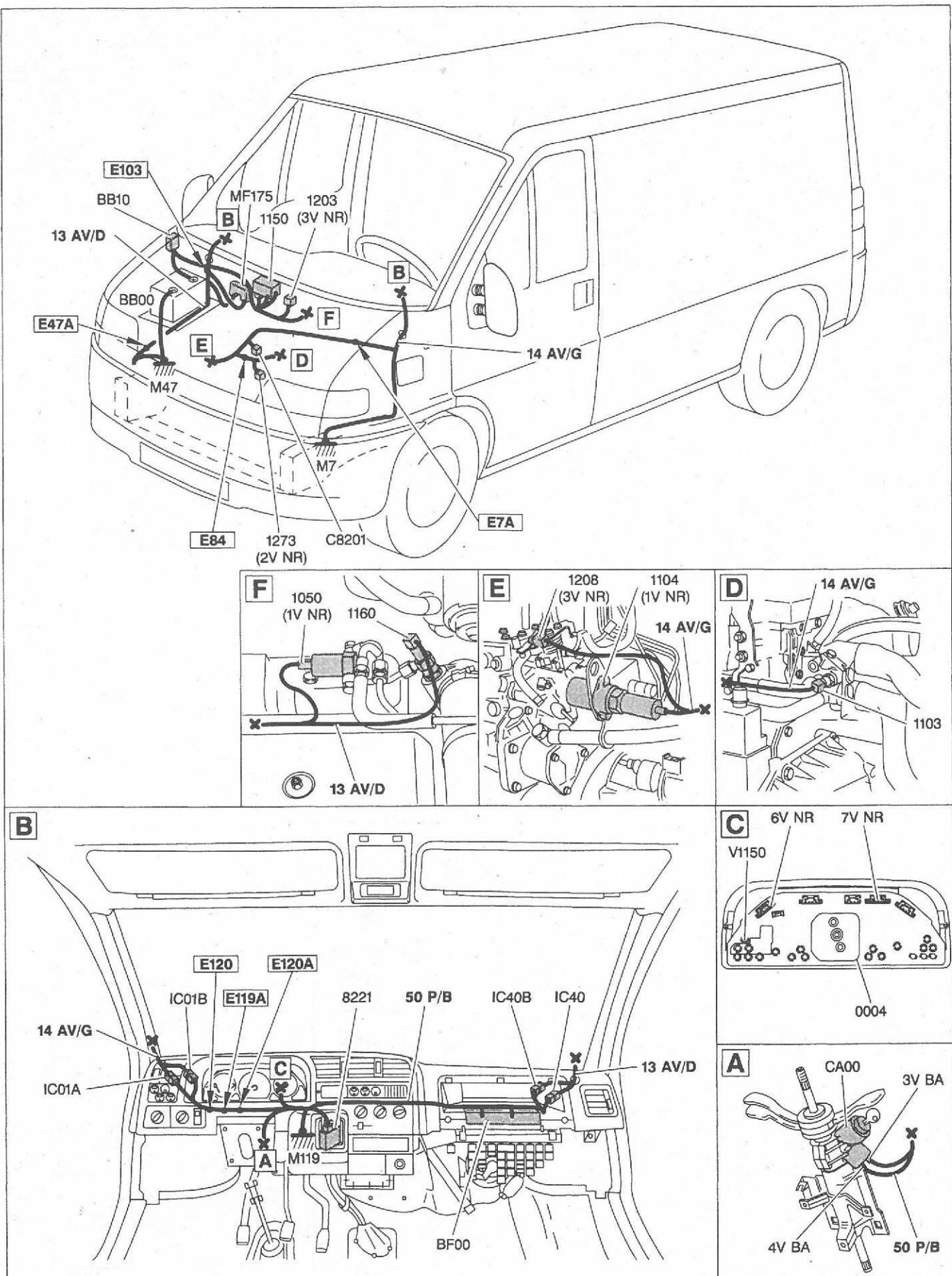


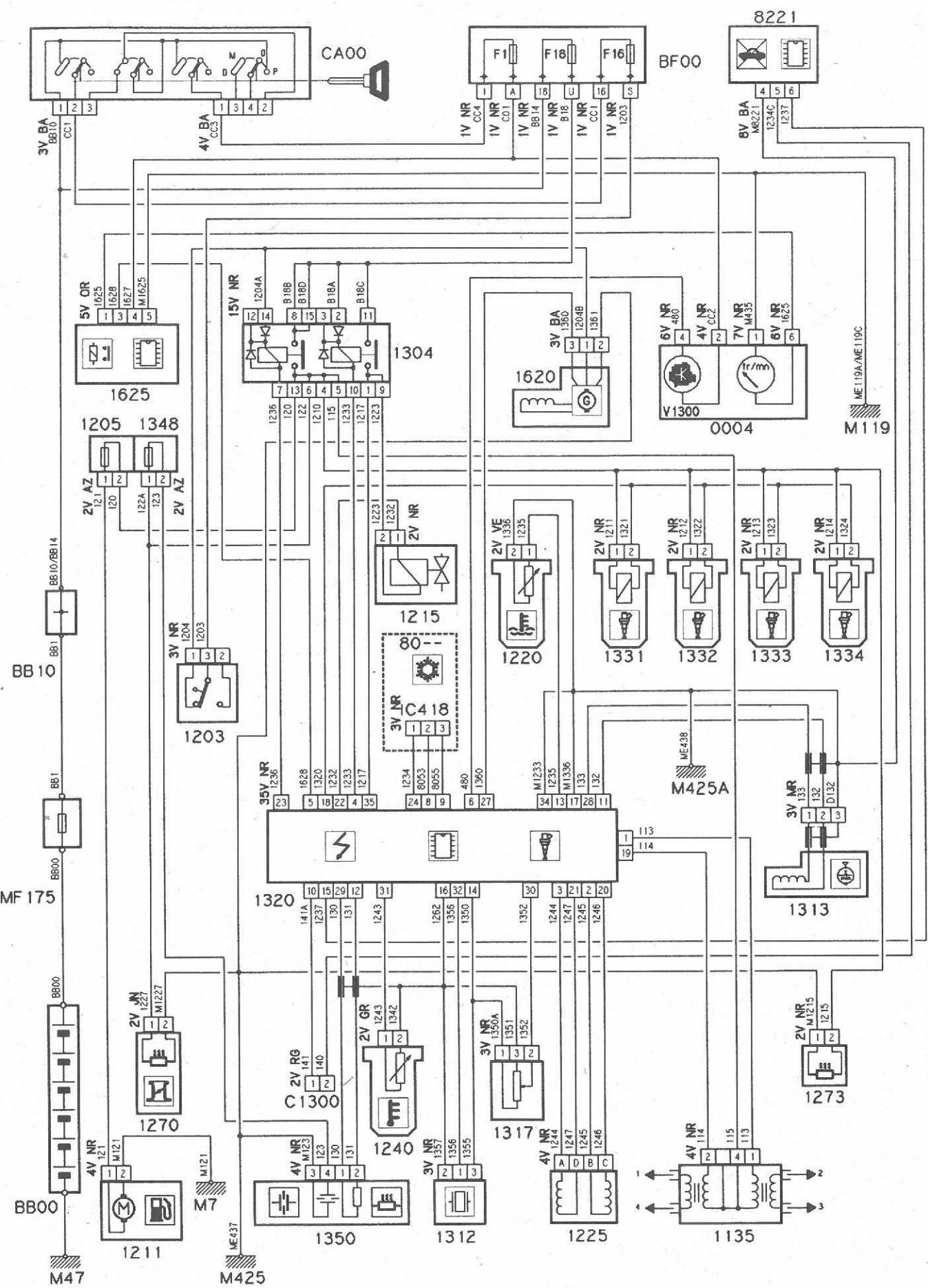


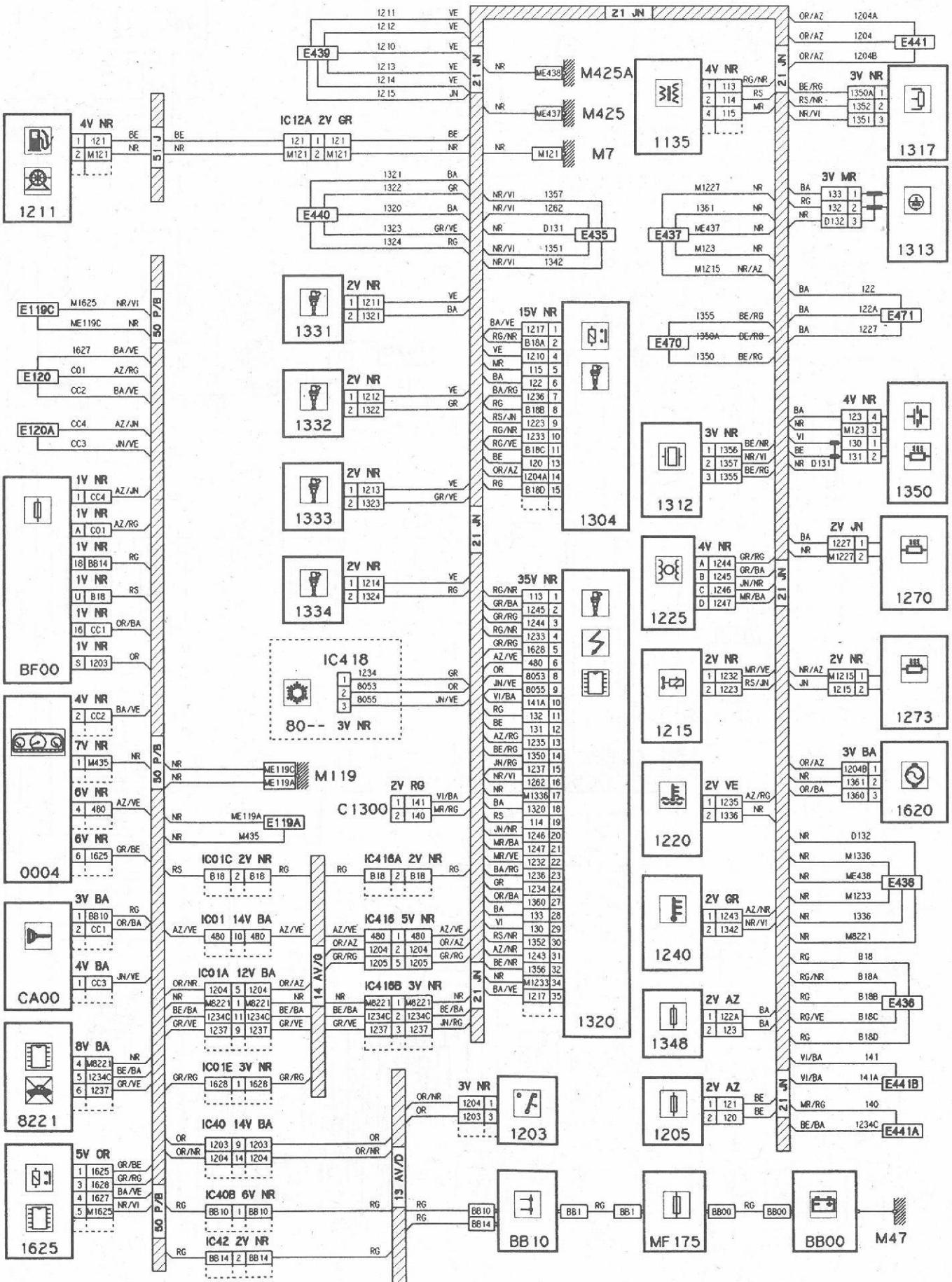
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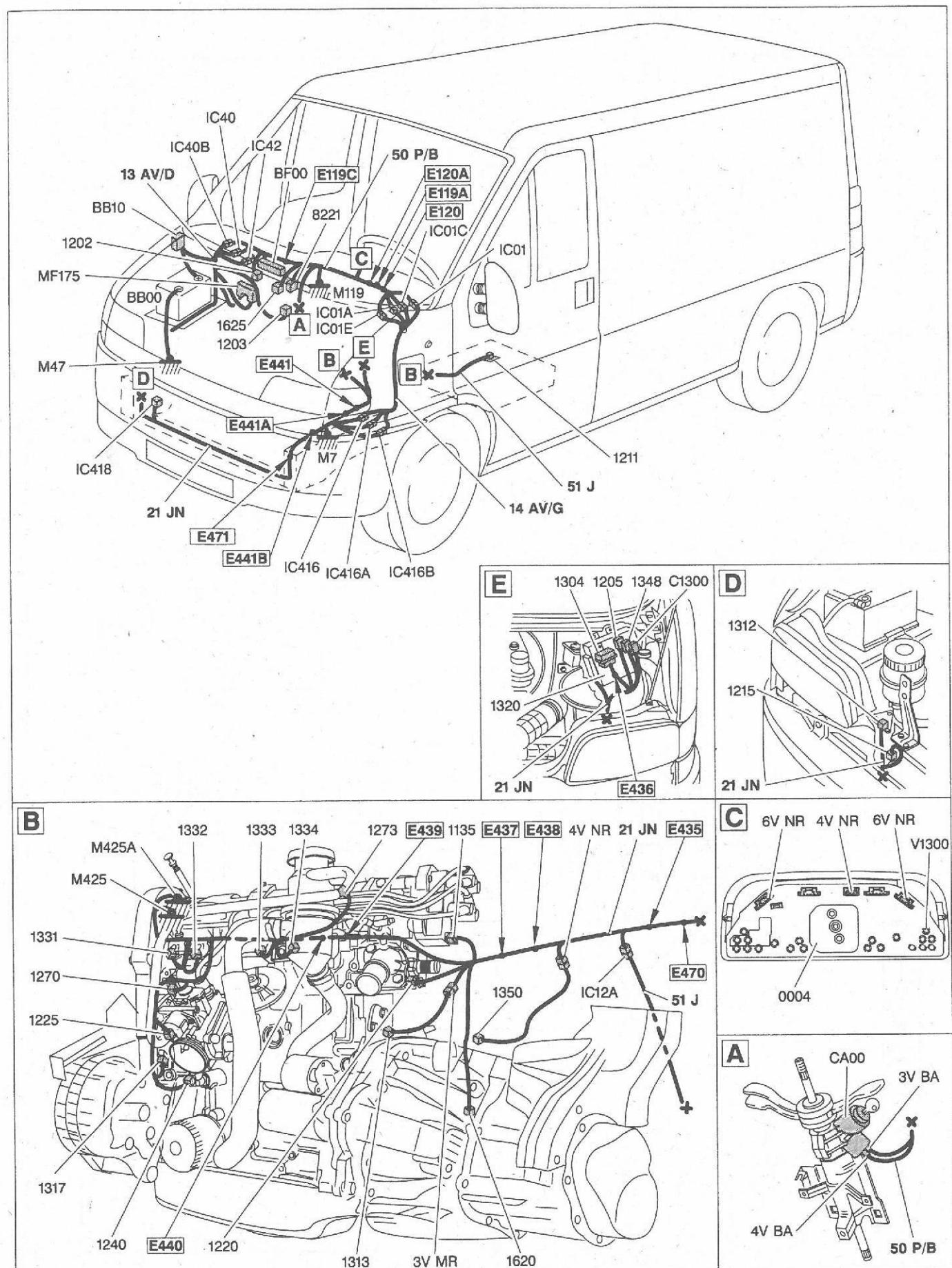


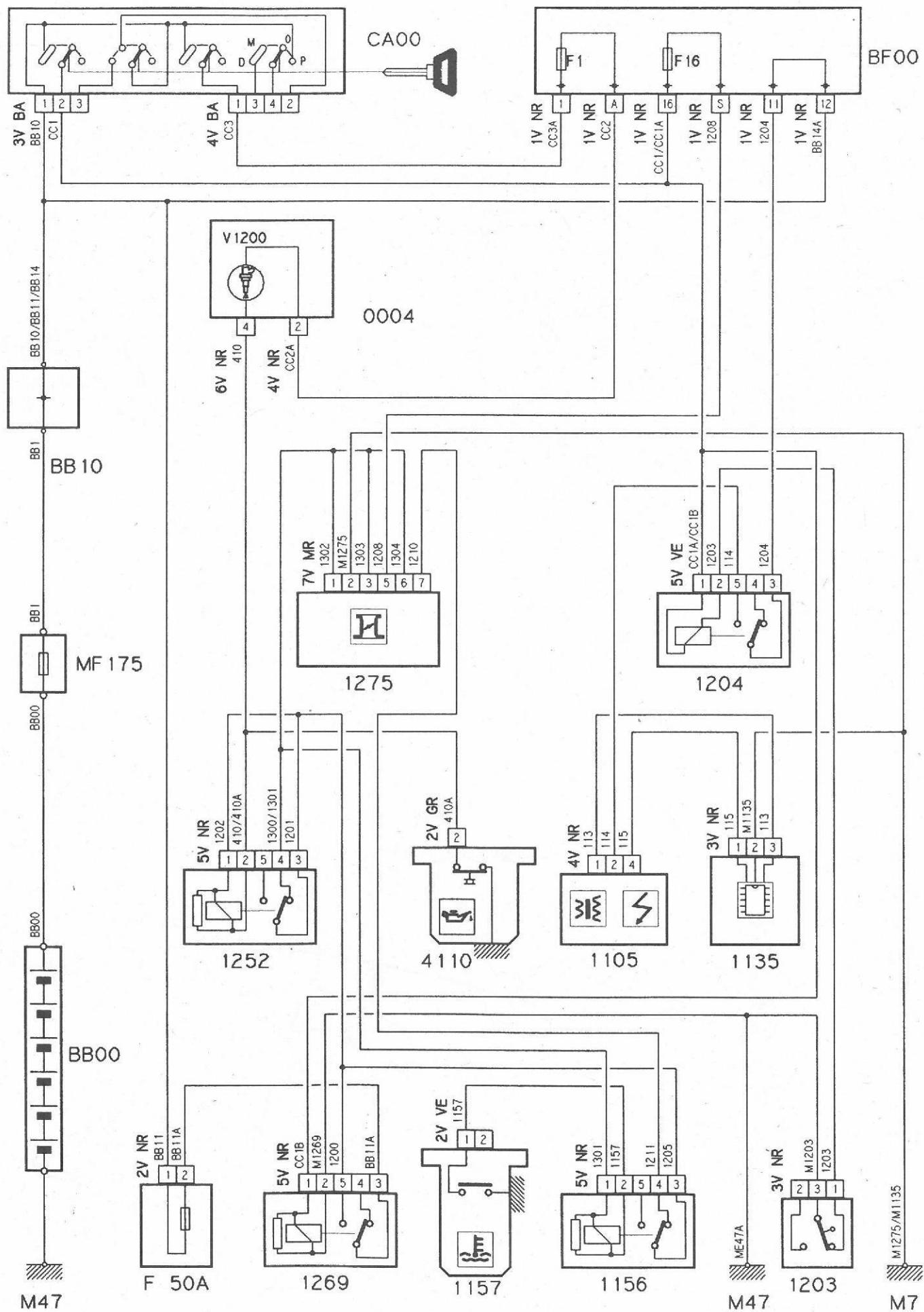


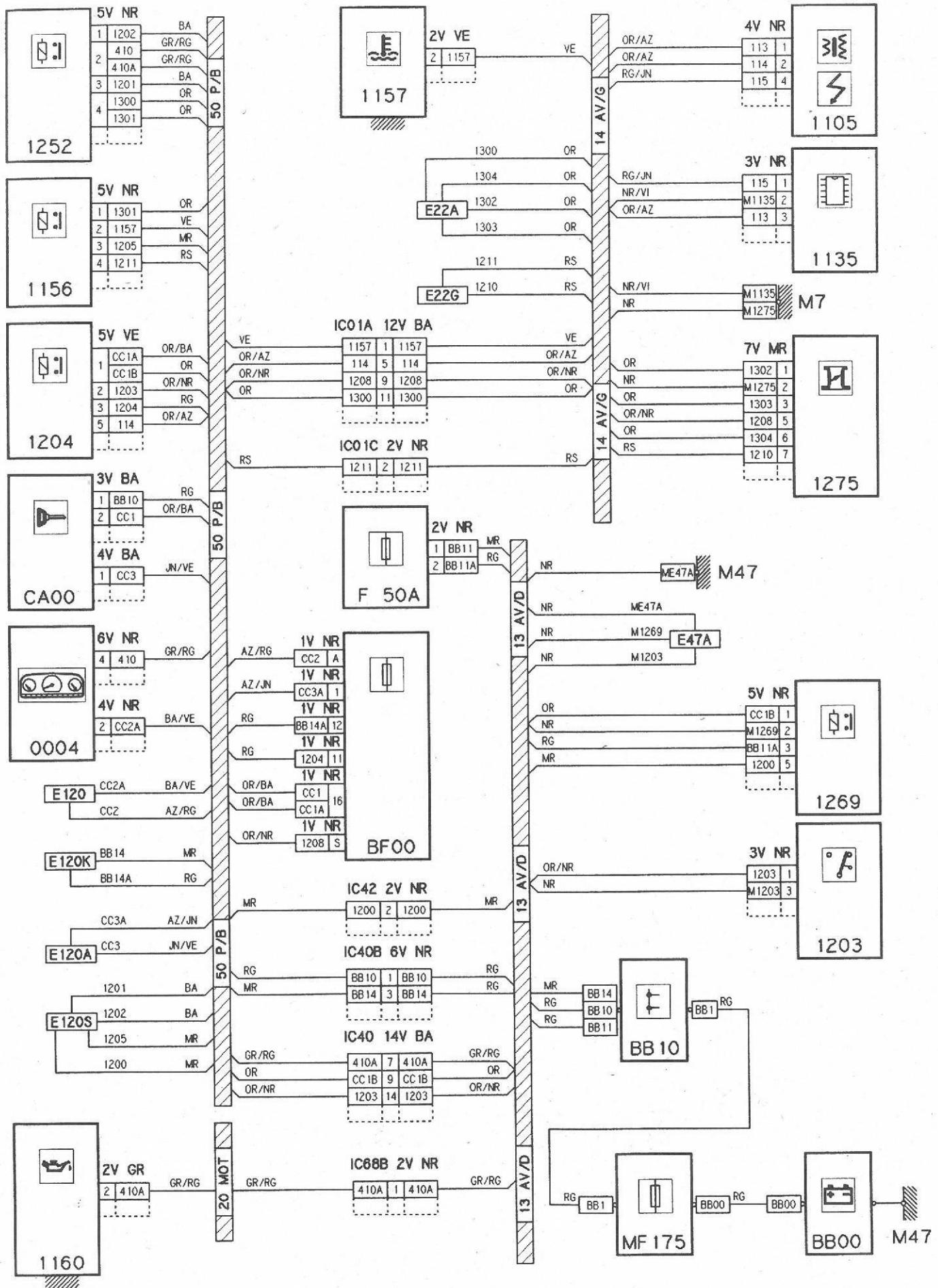


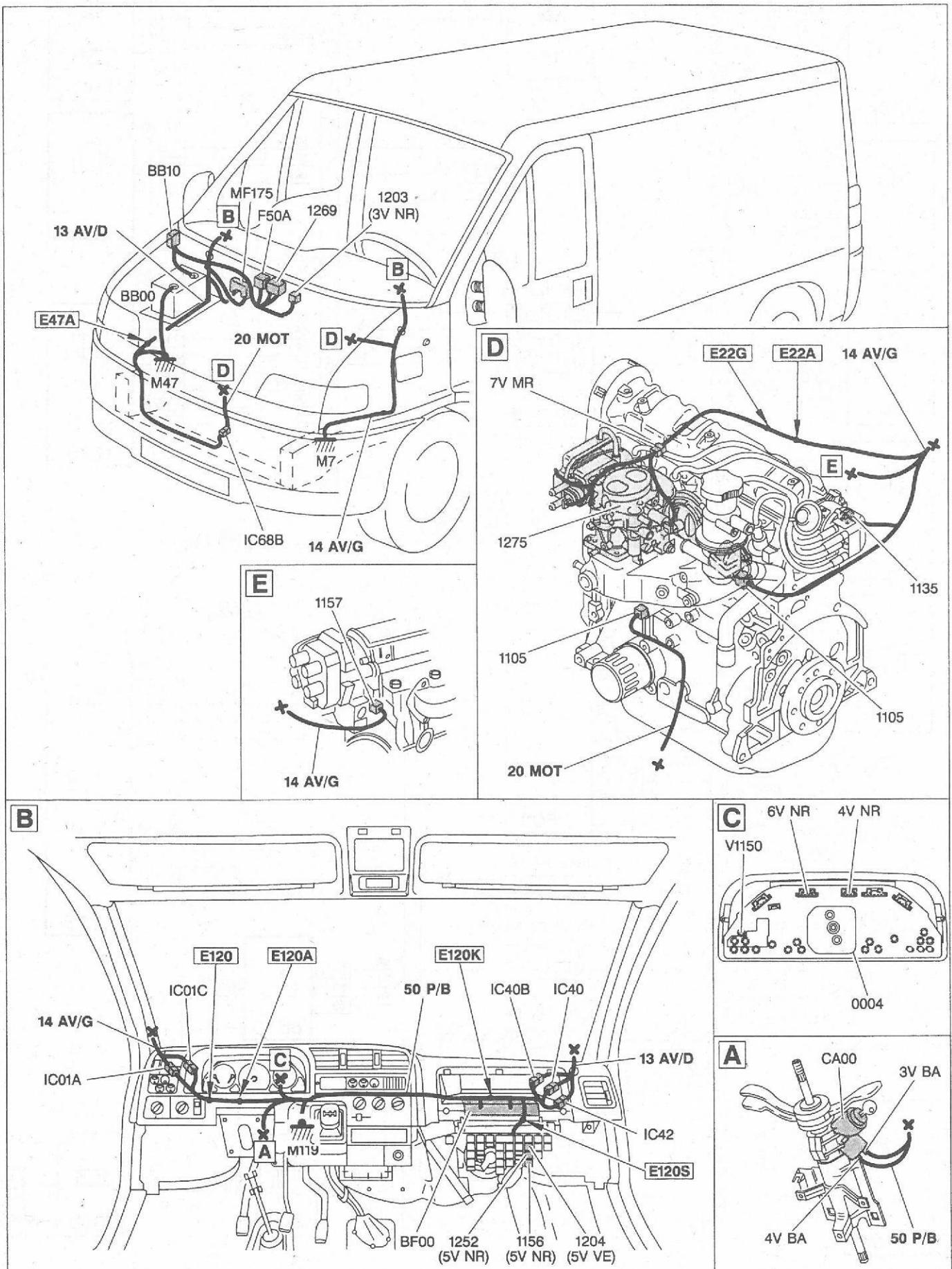




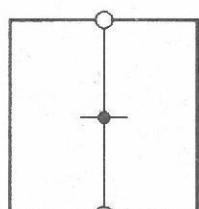








BB 10



BB 1/BB 3

BB 1

BB 00

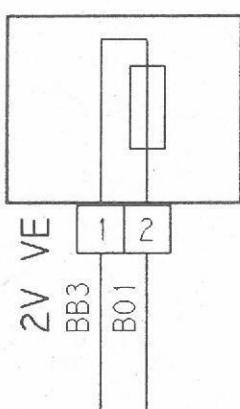
BB 00

BB 00

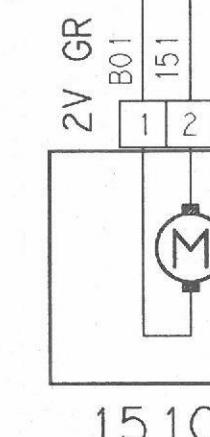
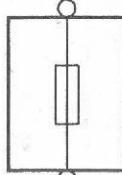
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M47

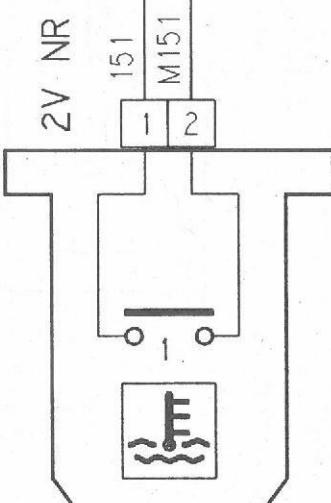
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MF 175



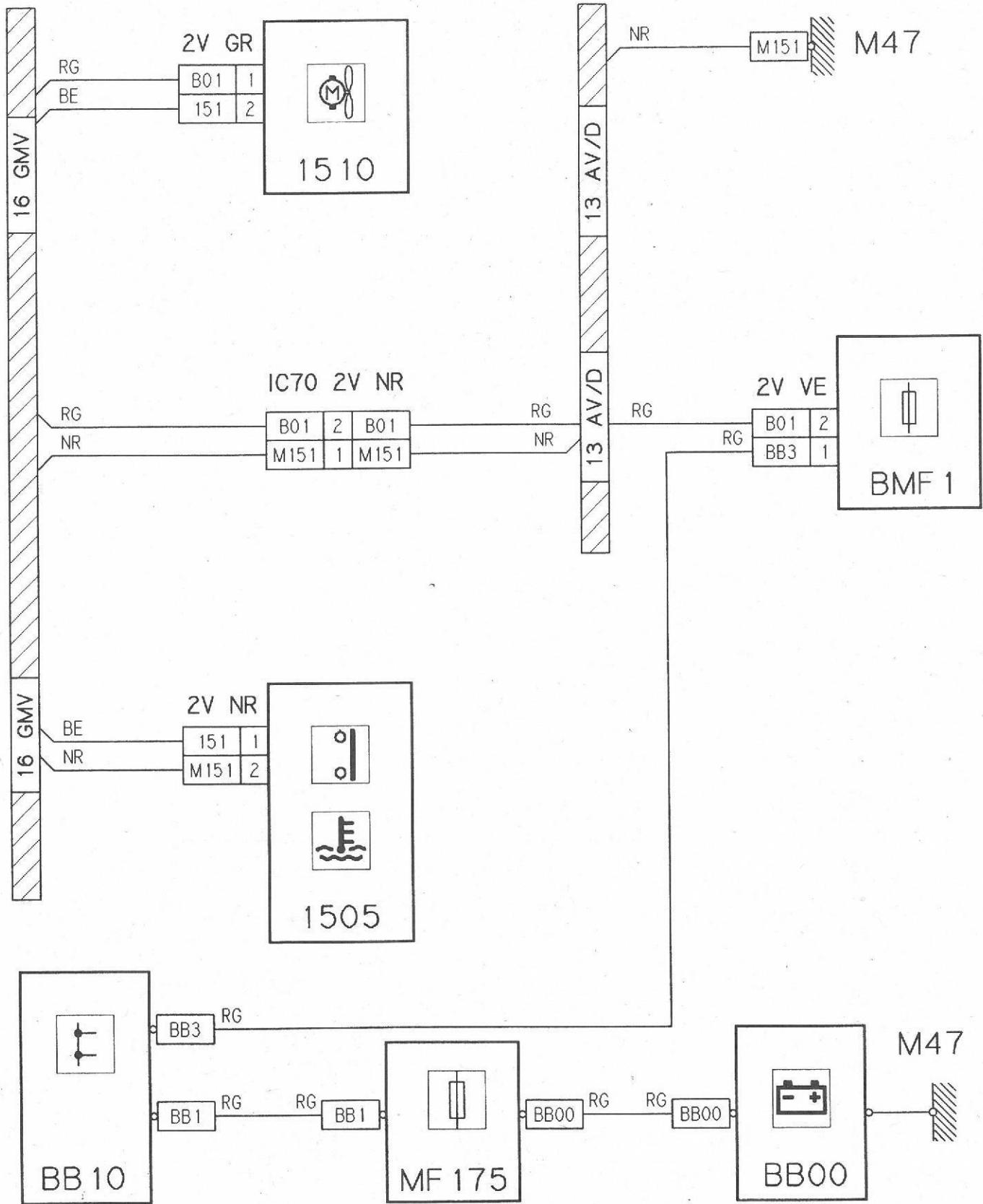
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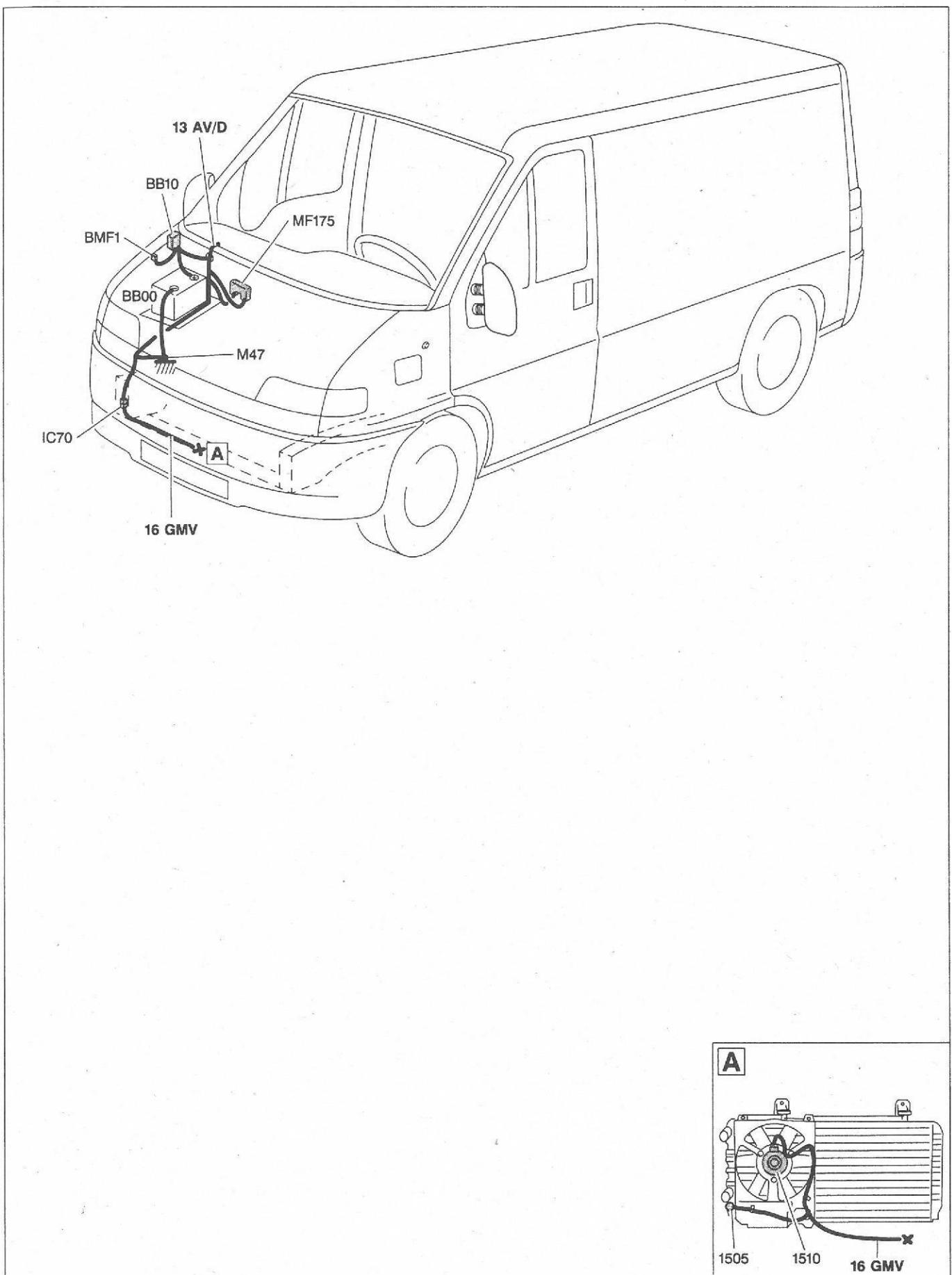


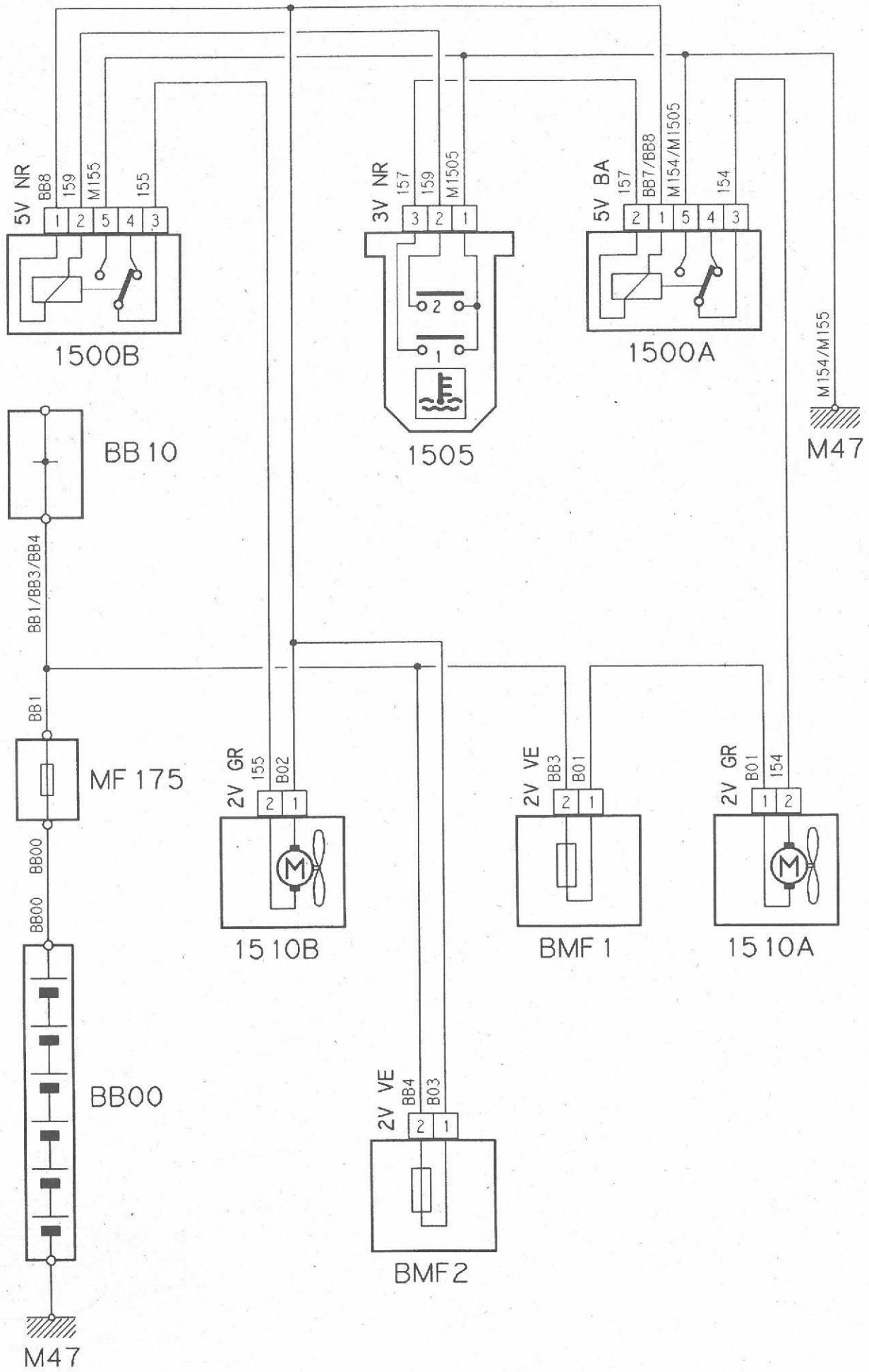
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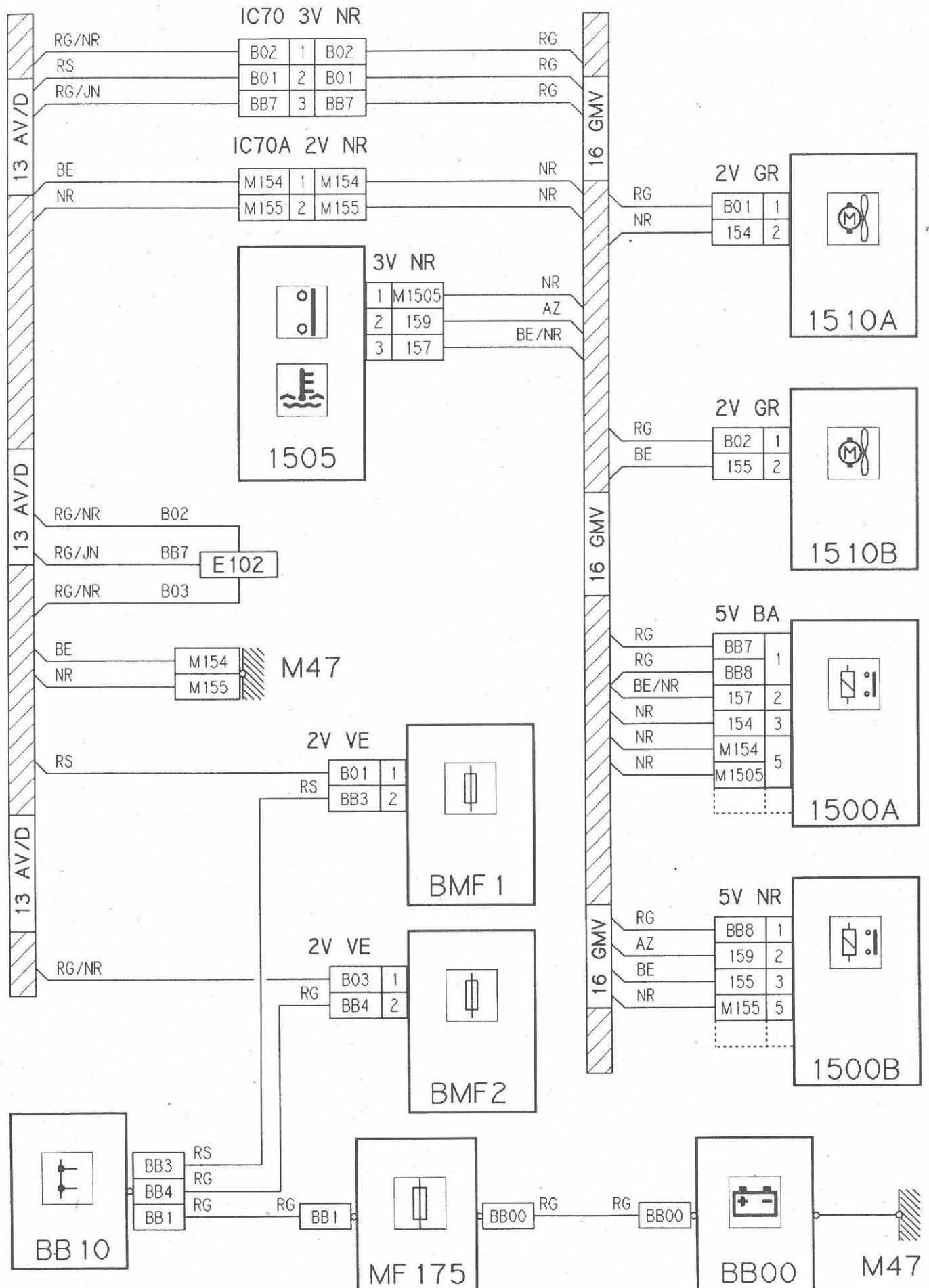
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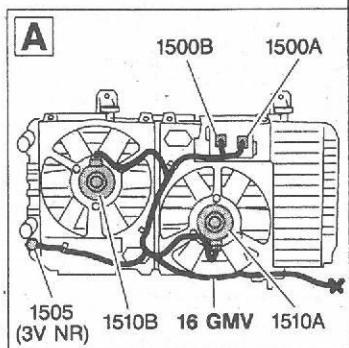
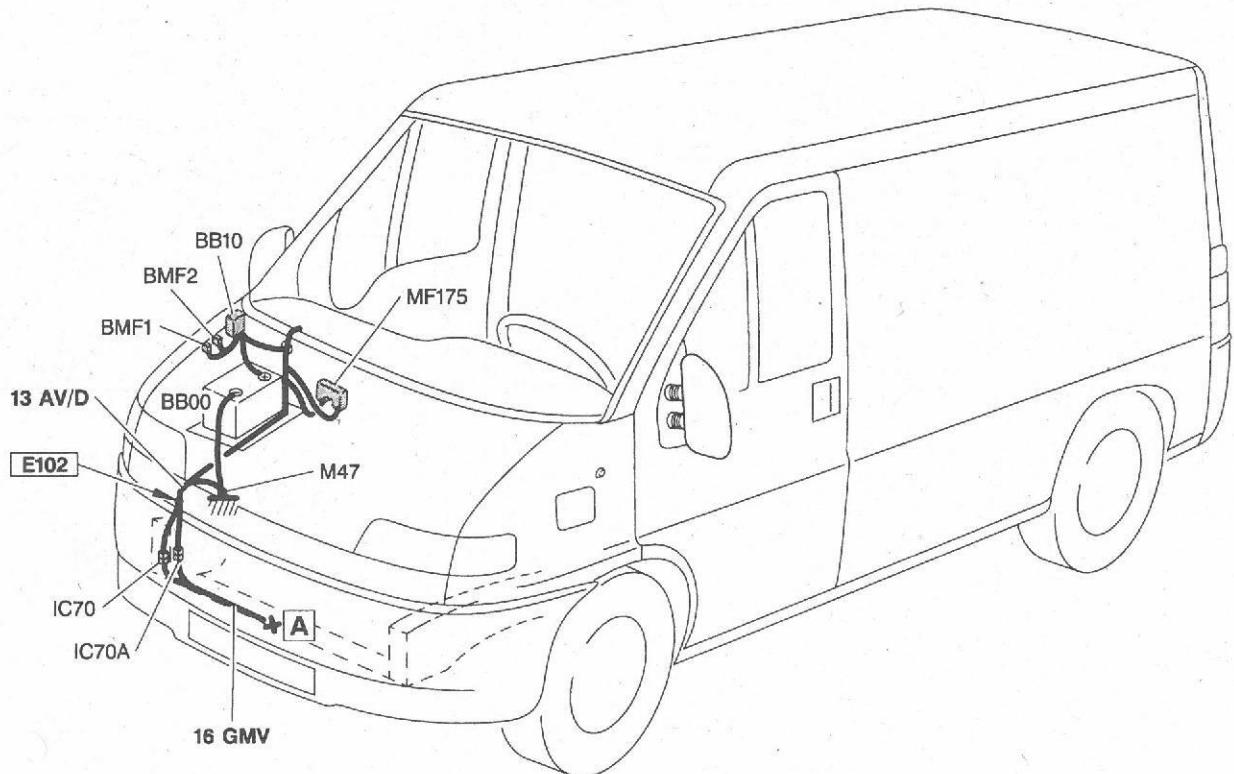
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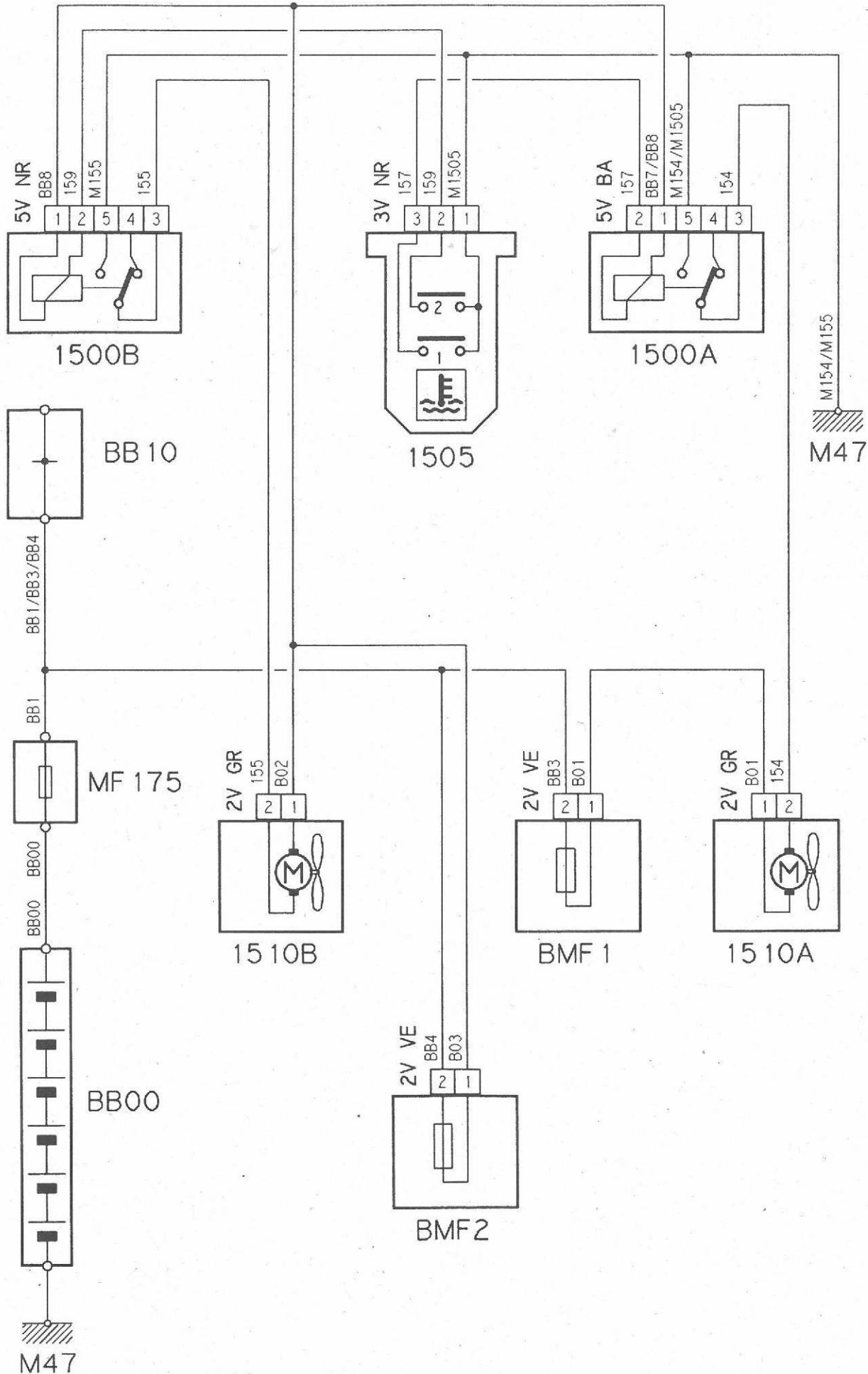


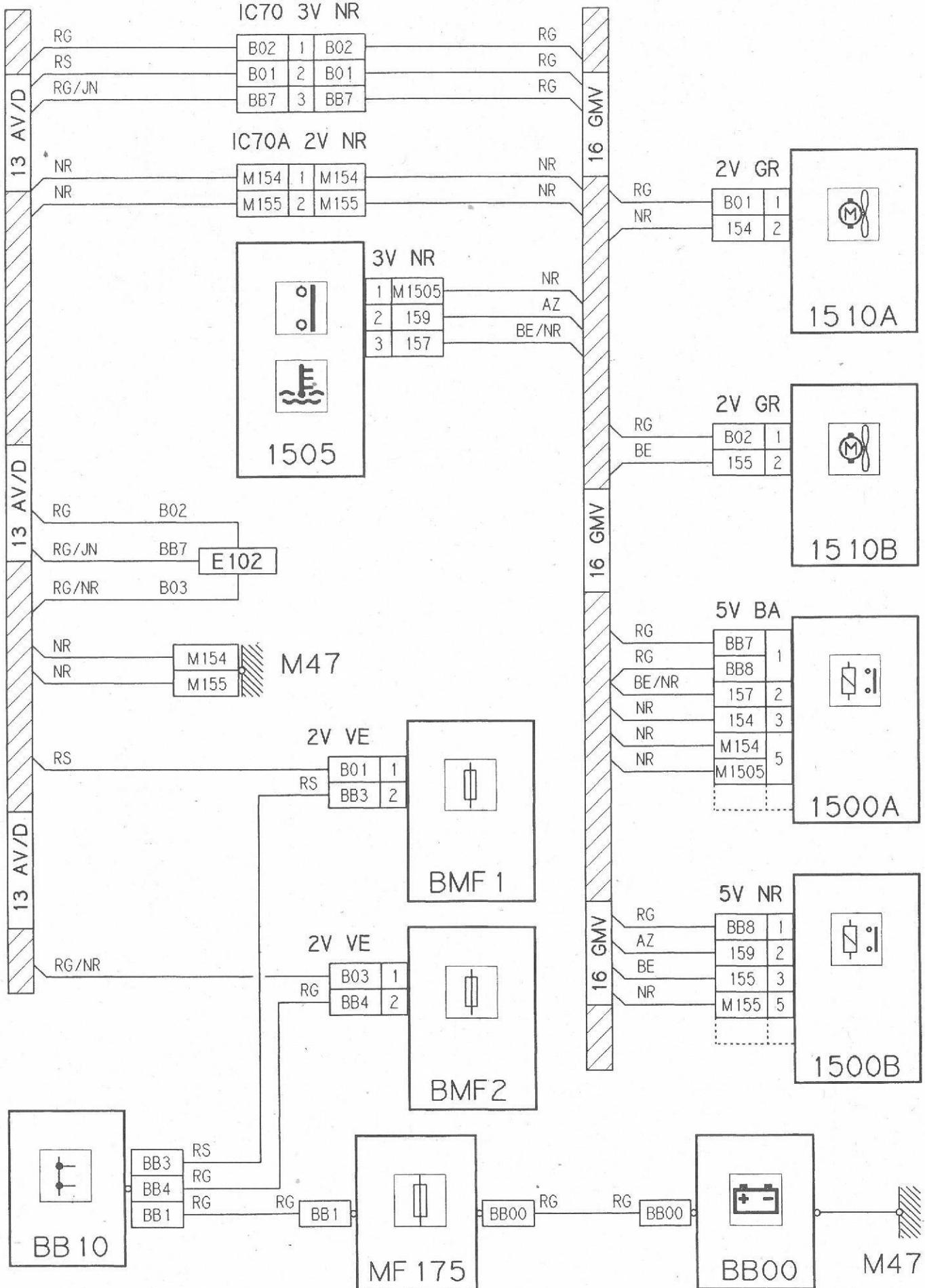


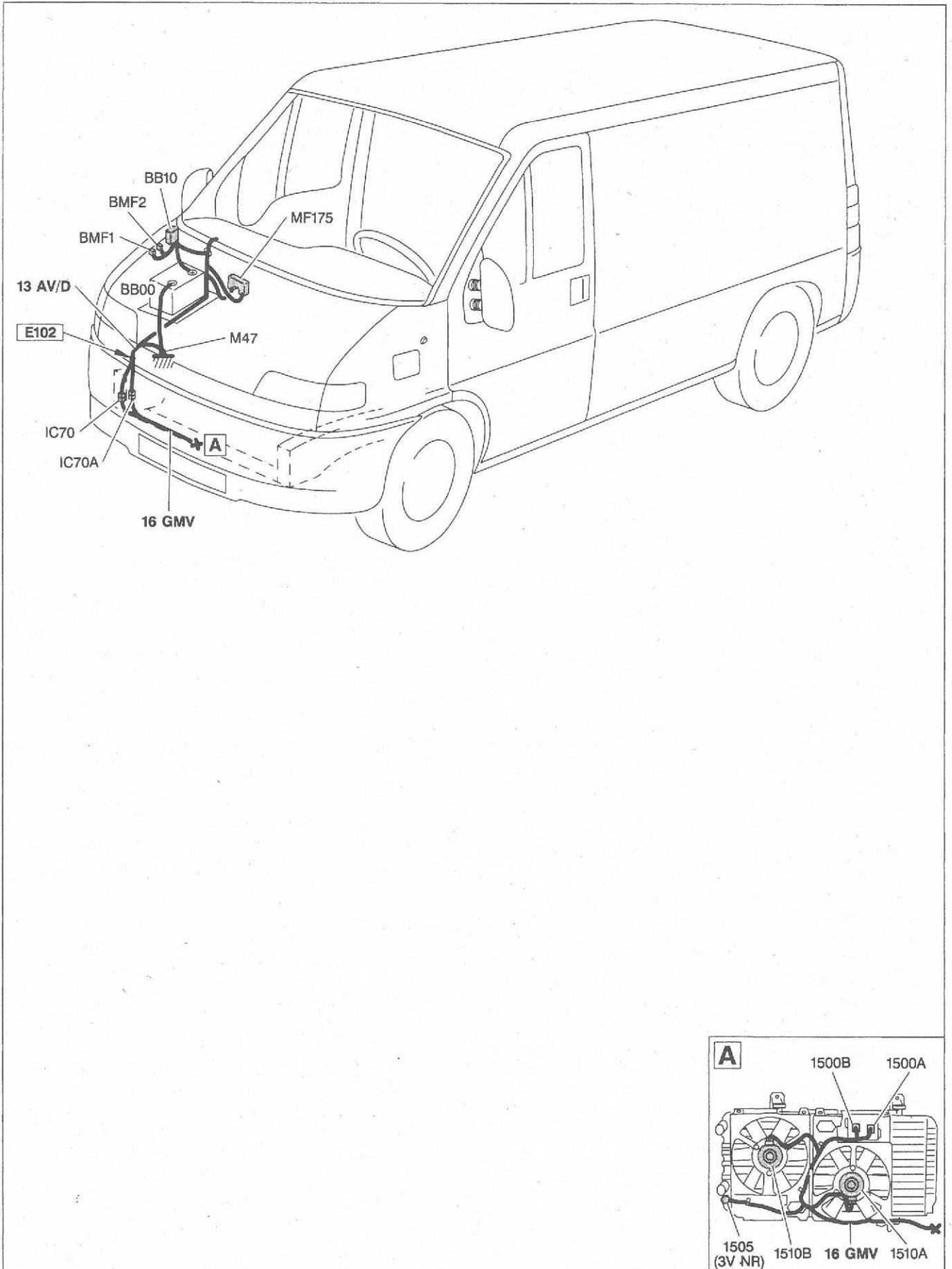


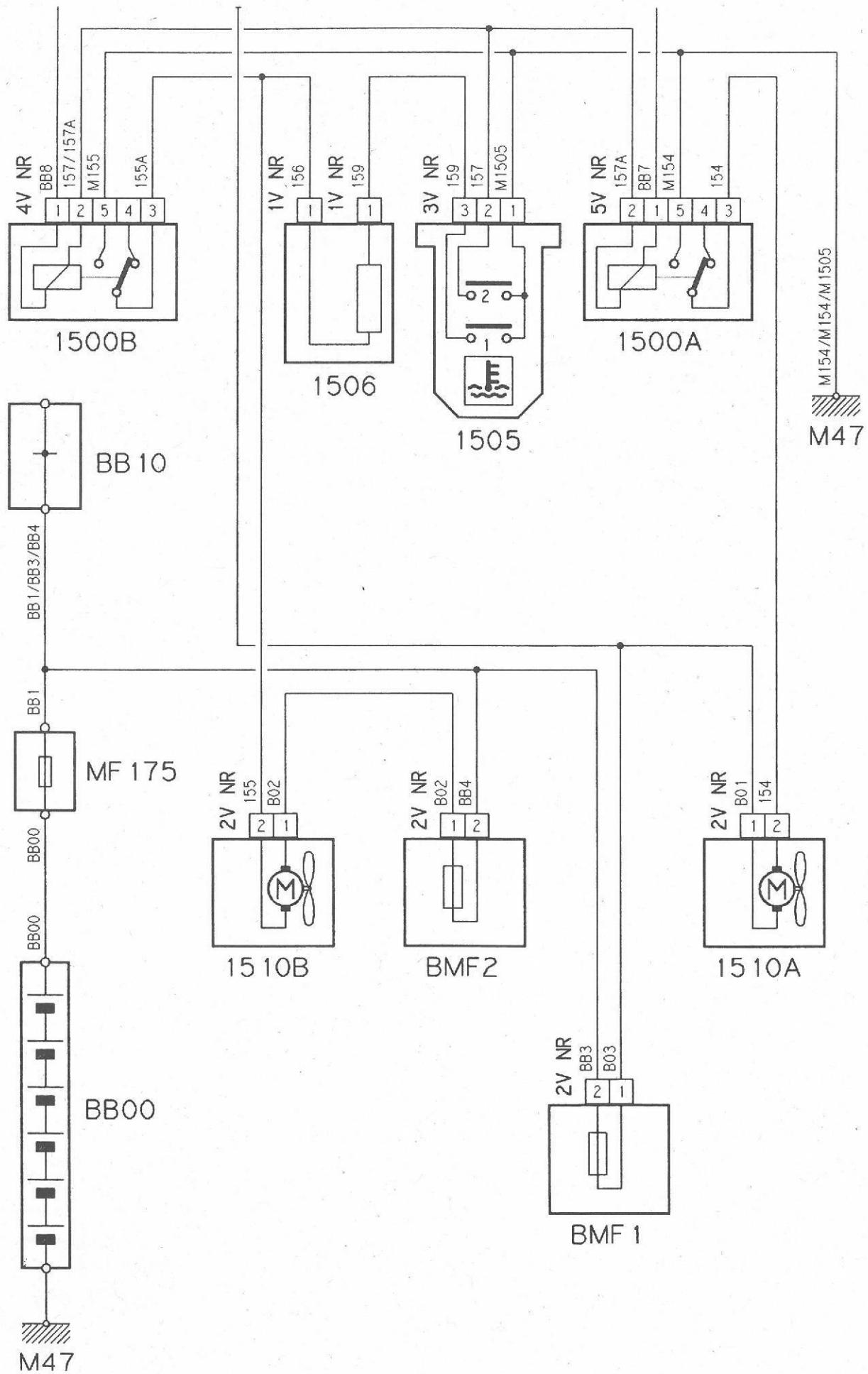


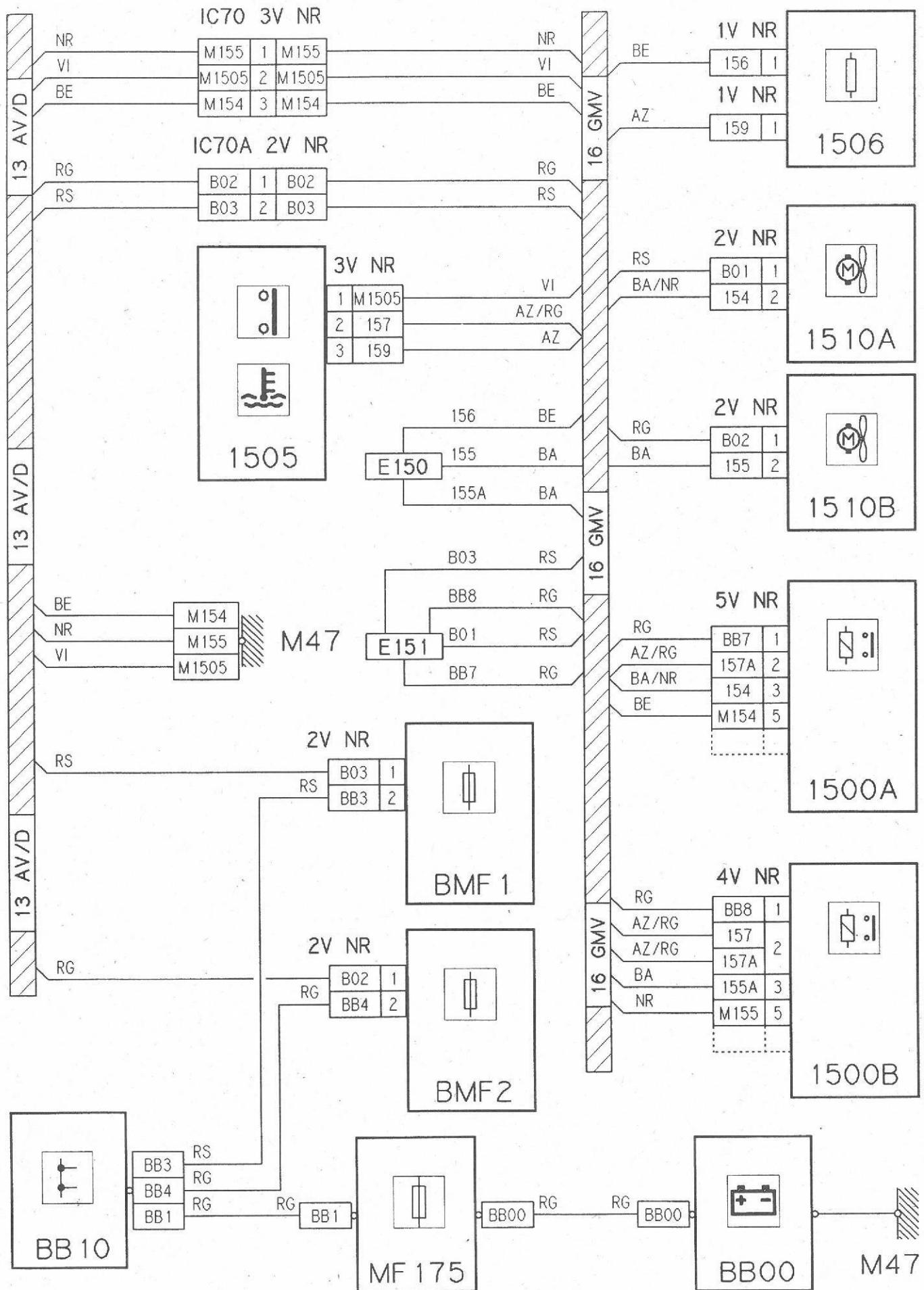


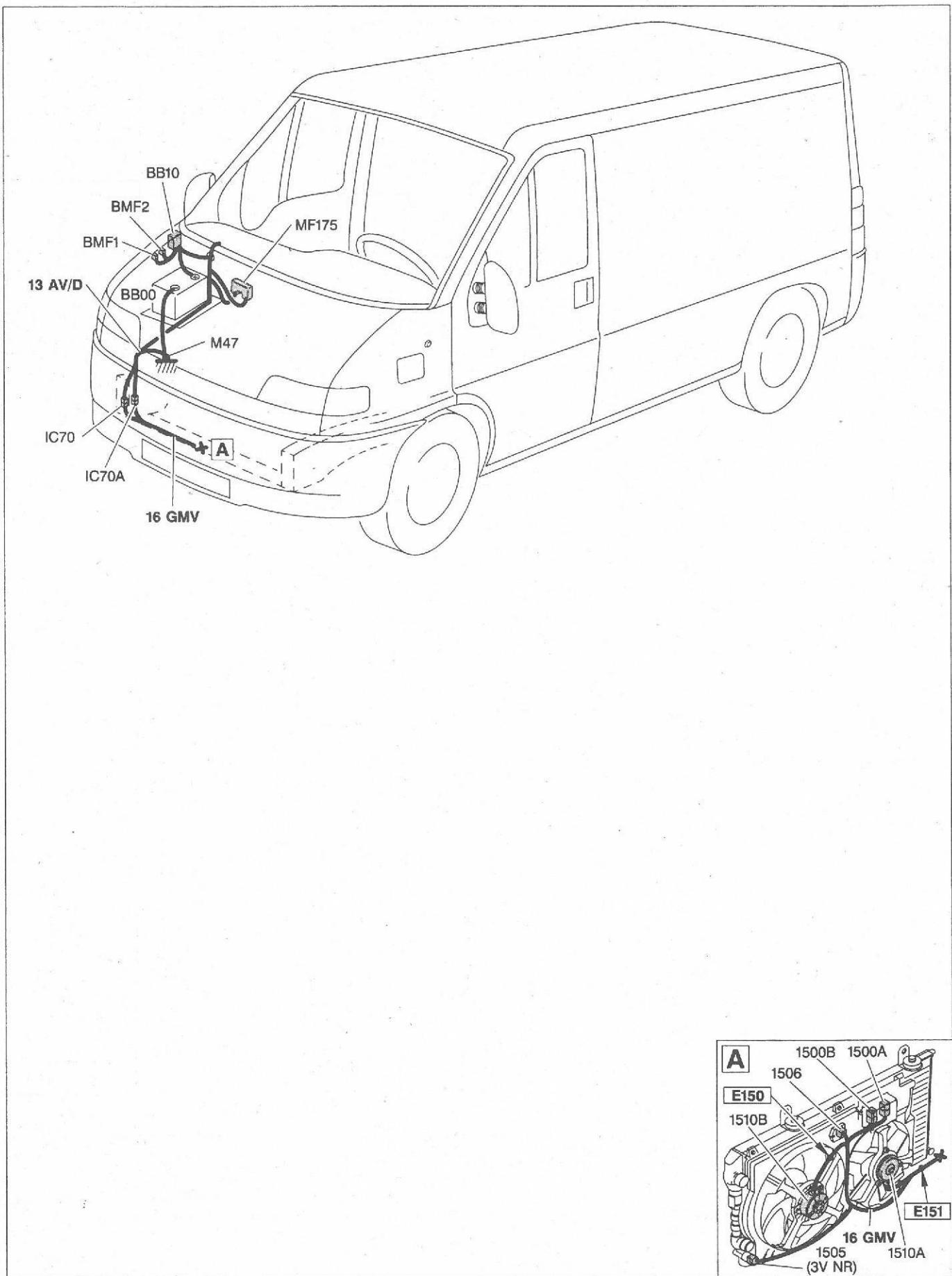


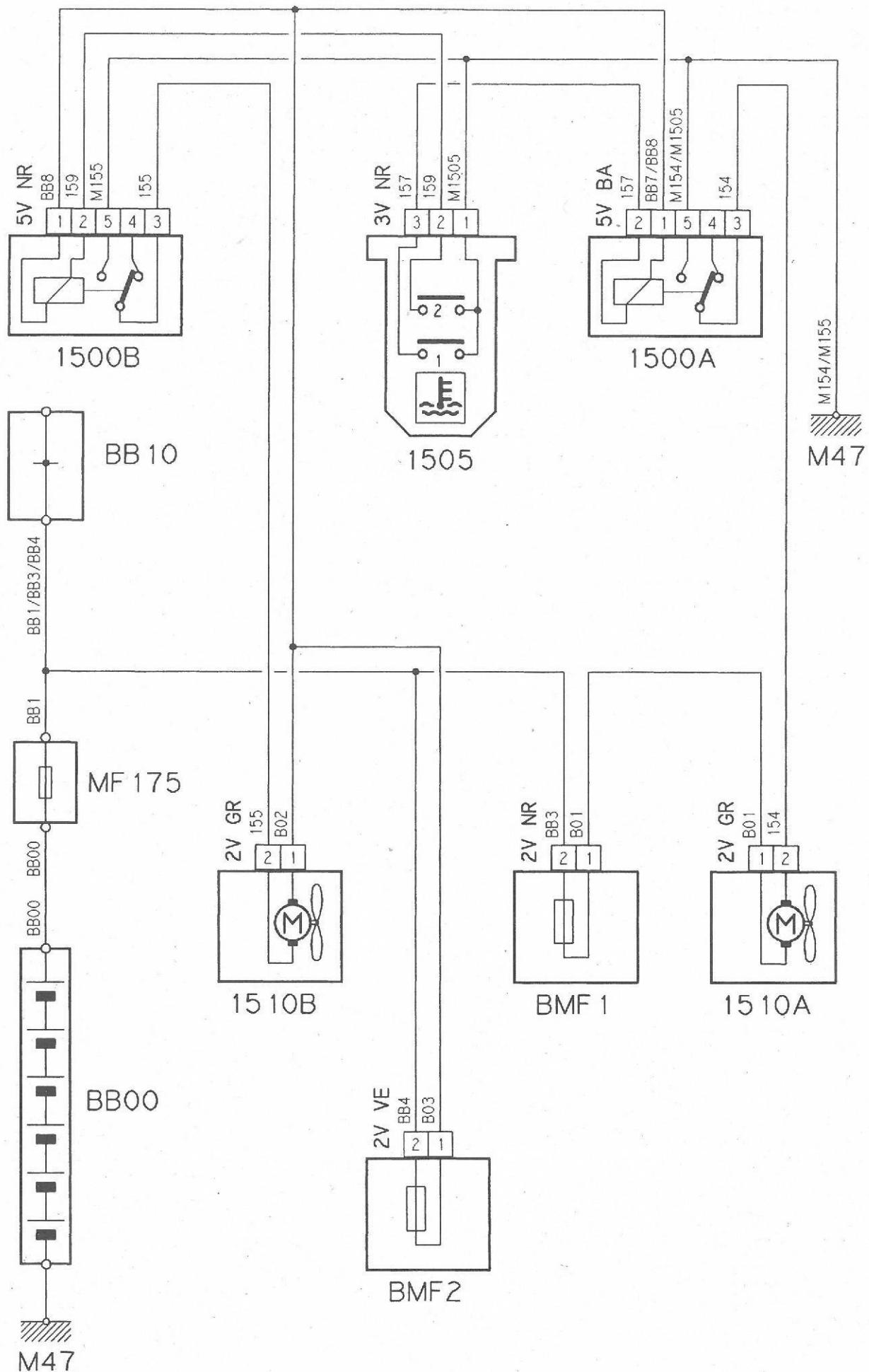


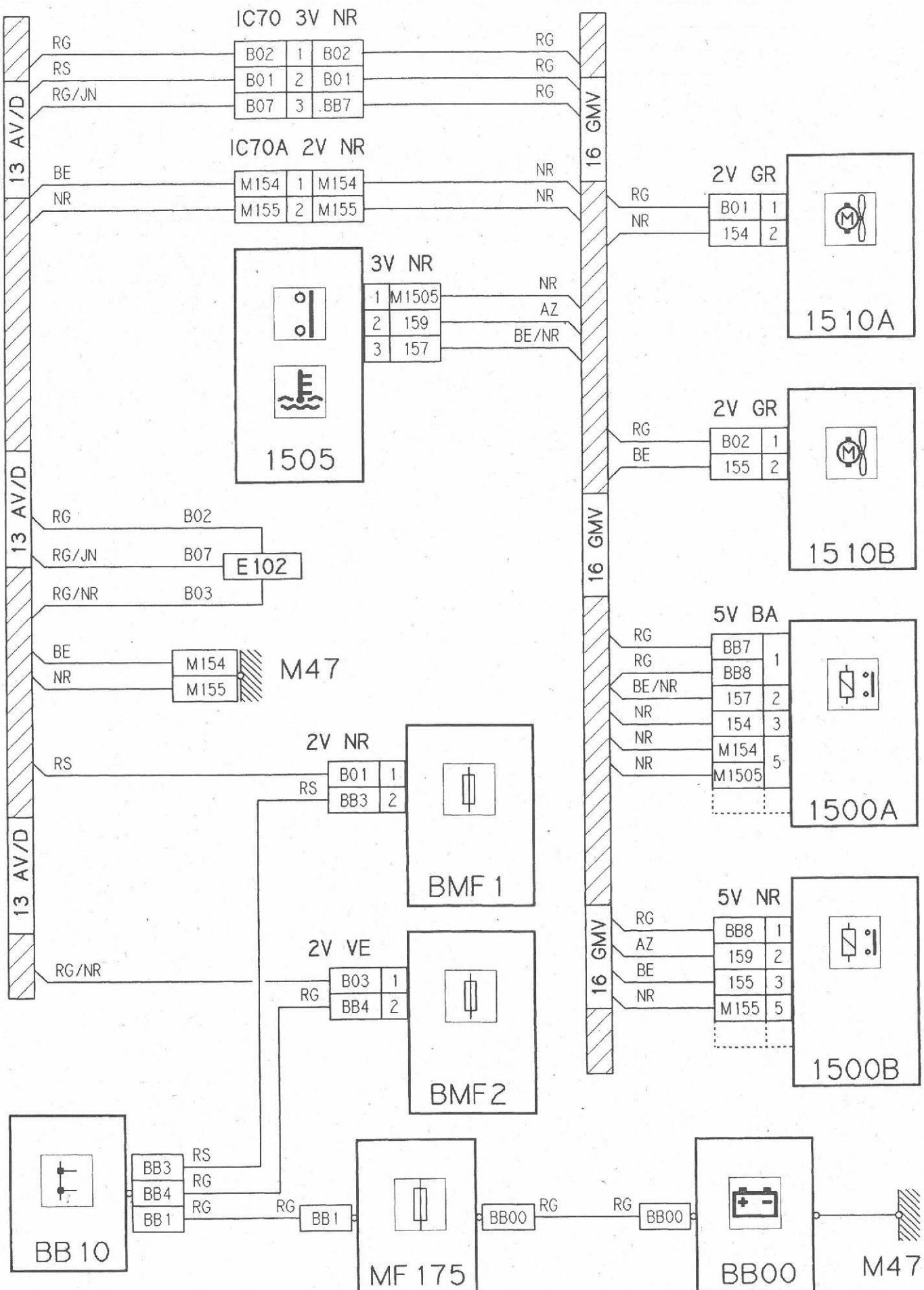


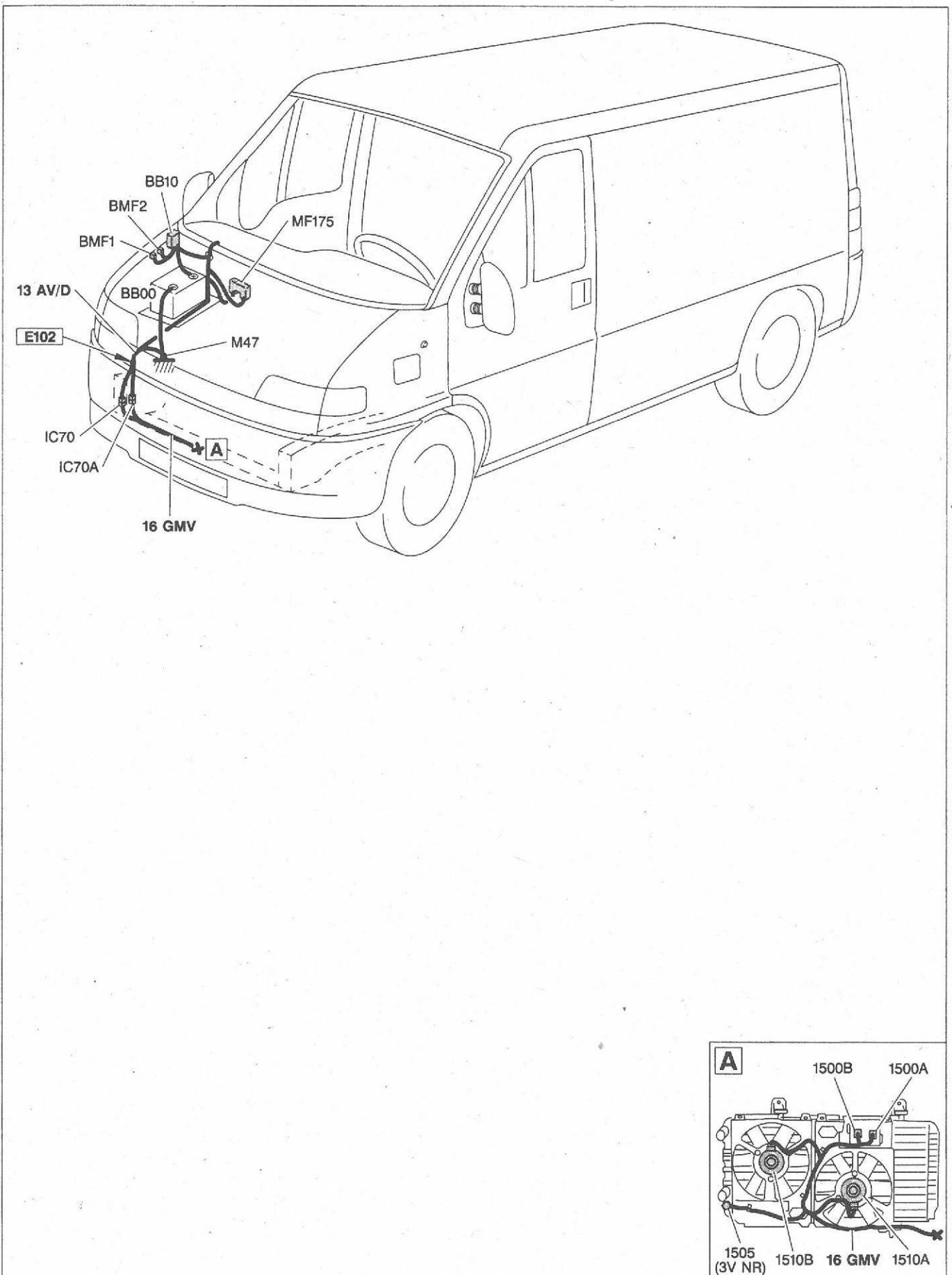


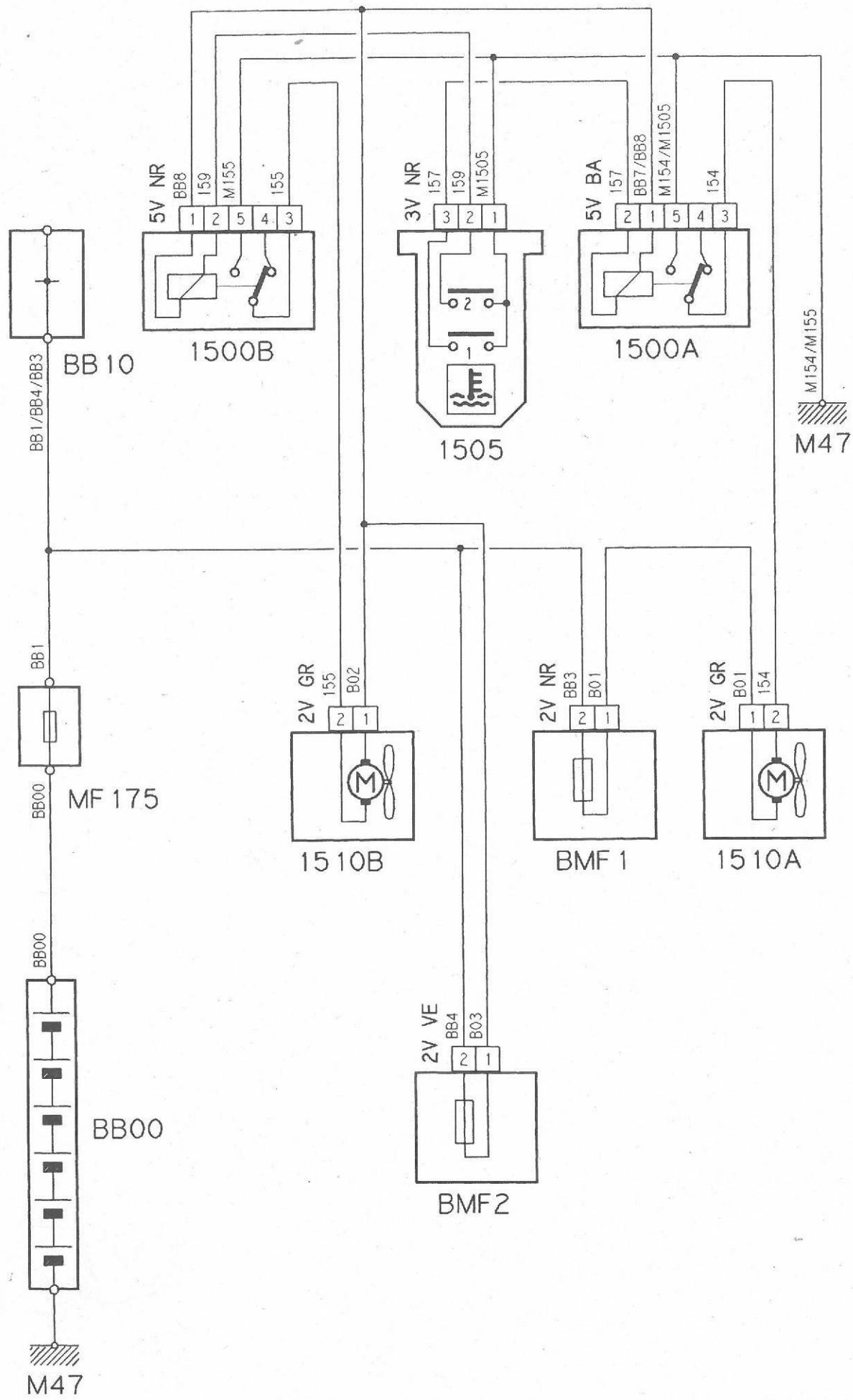


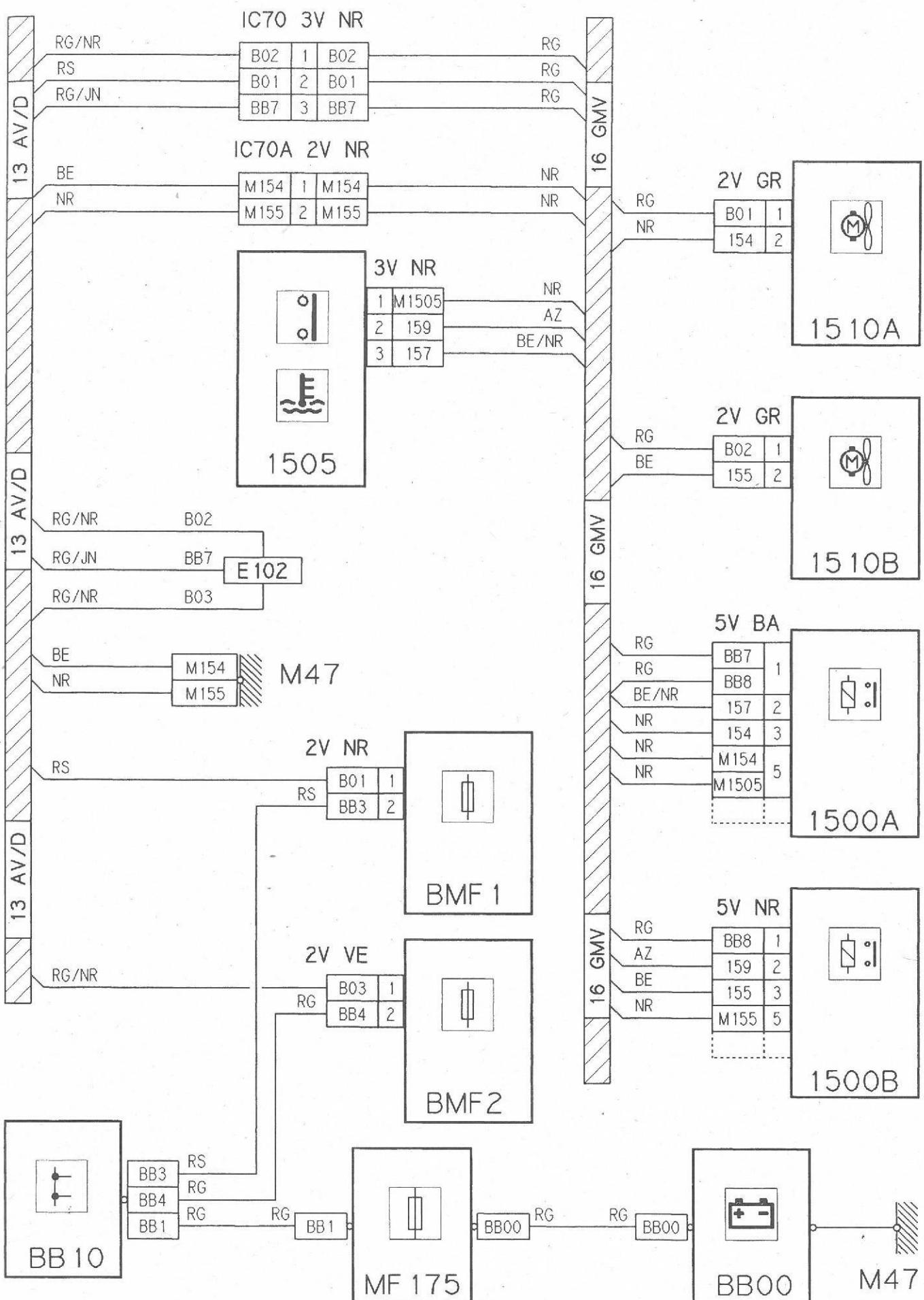


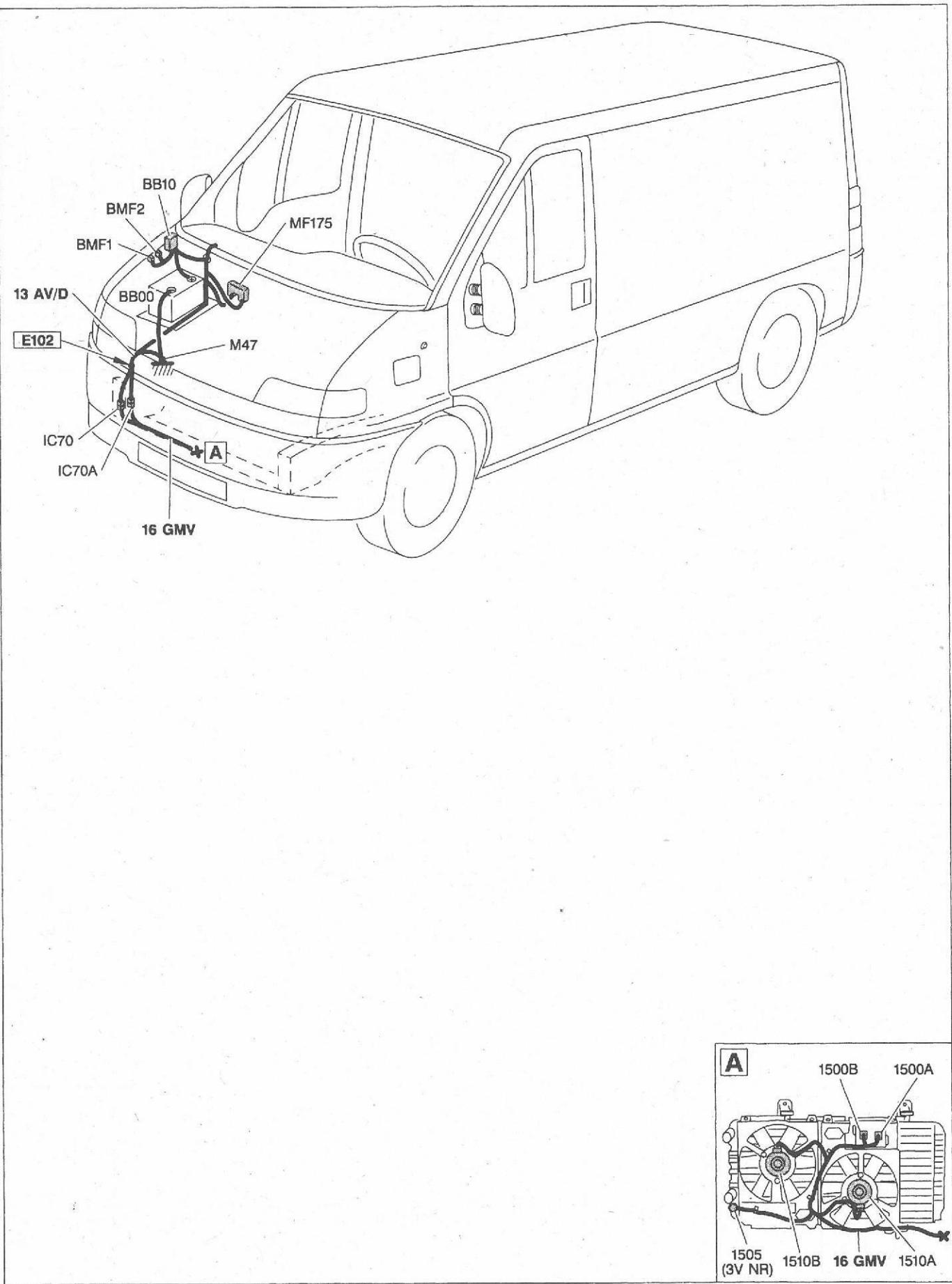


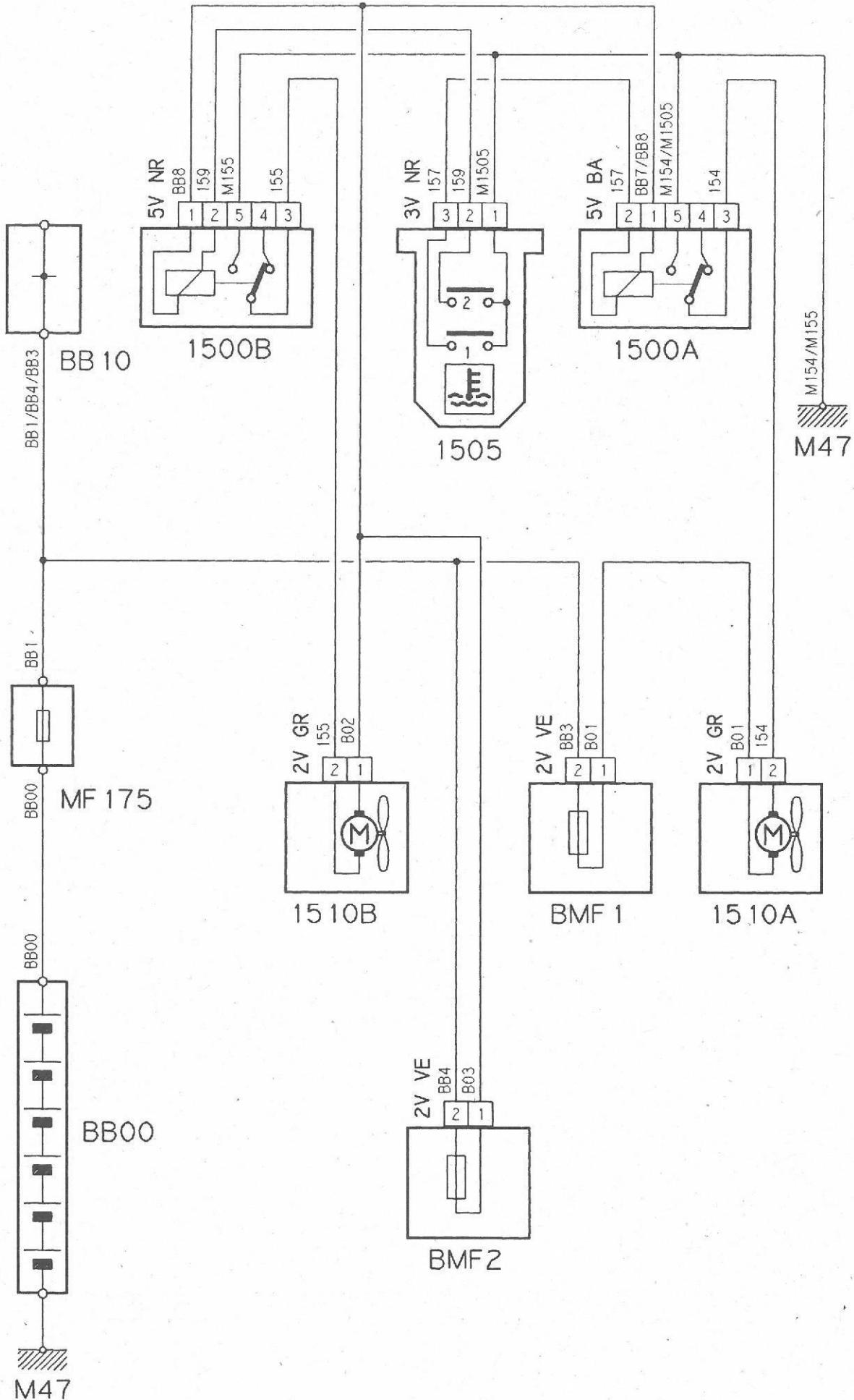


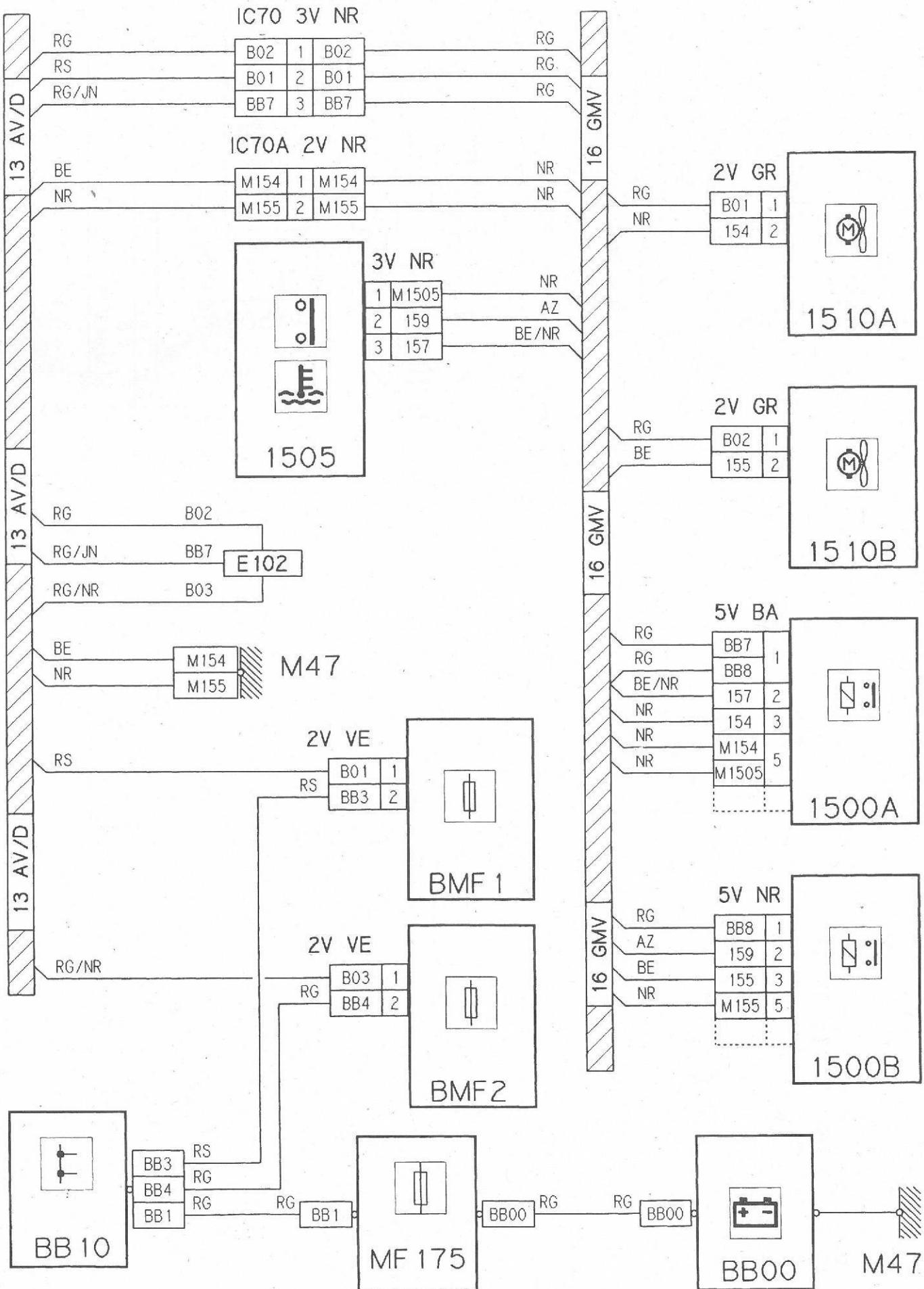


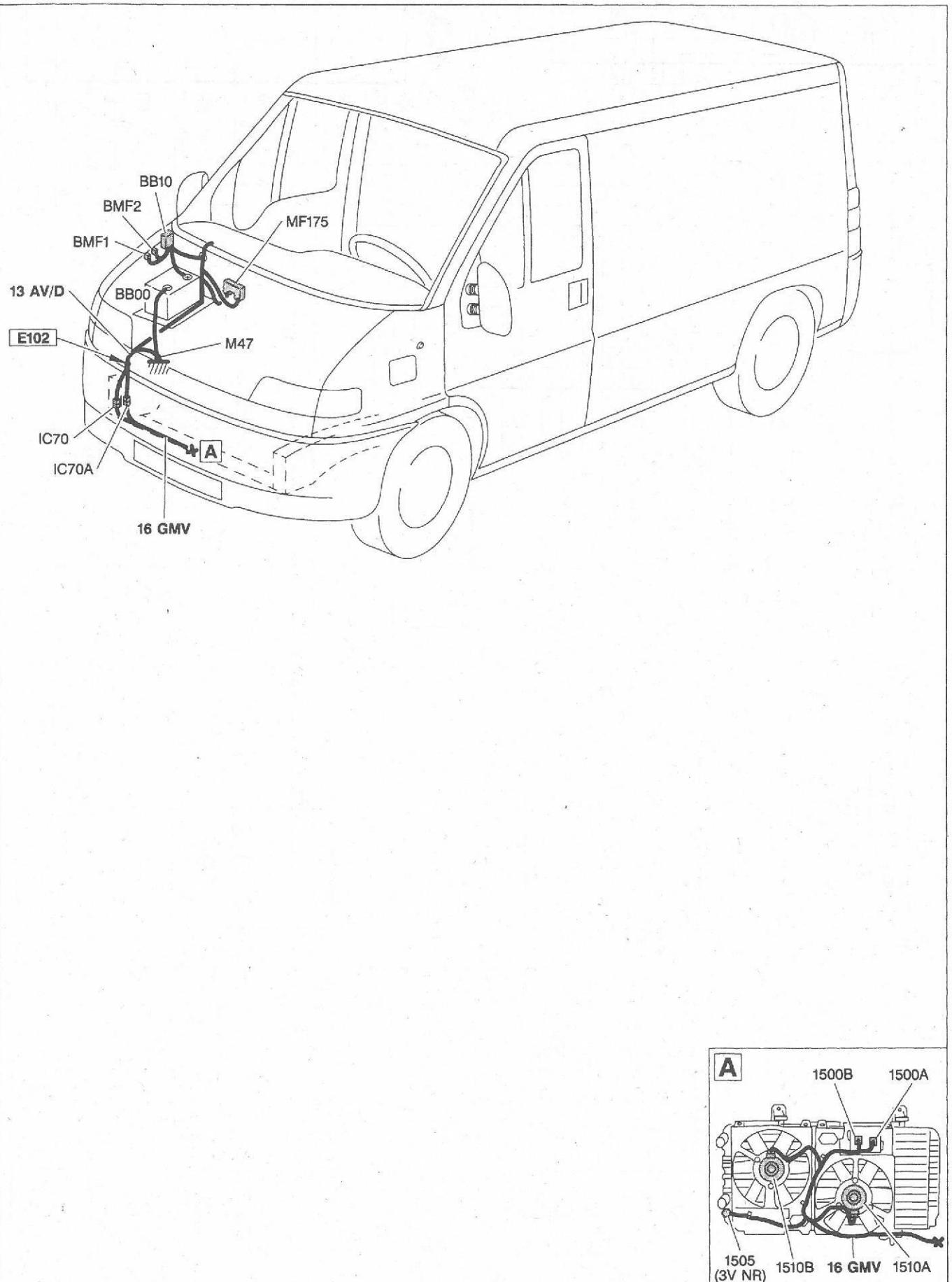


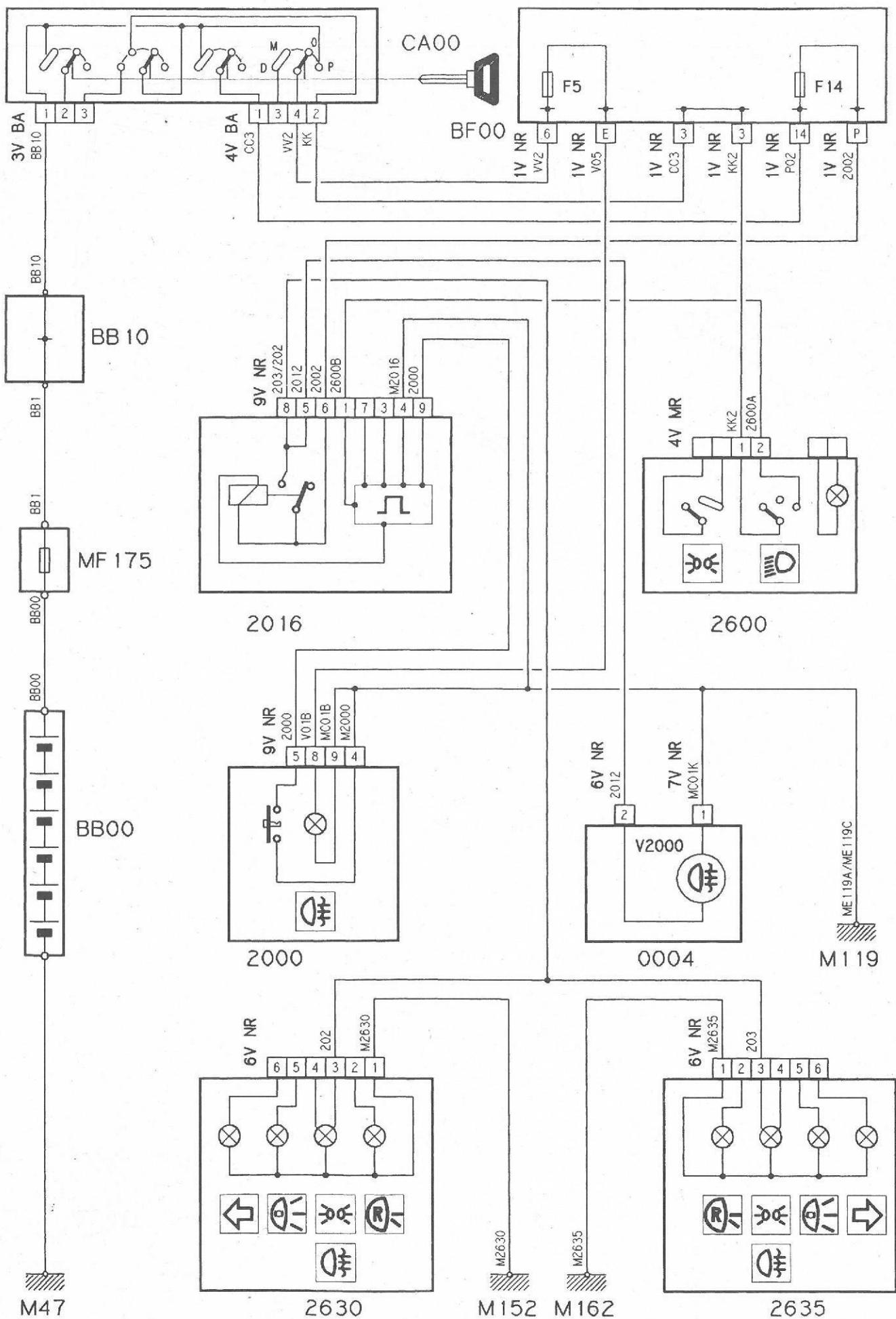


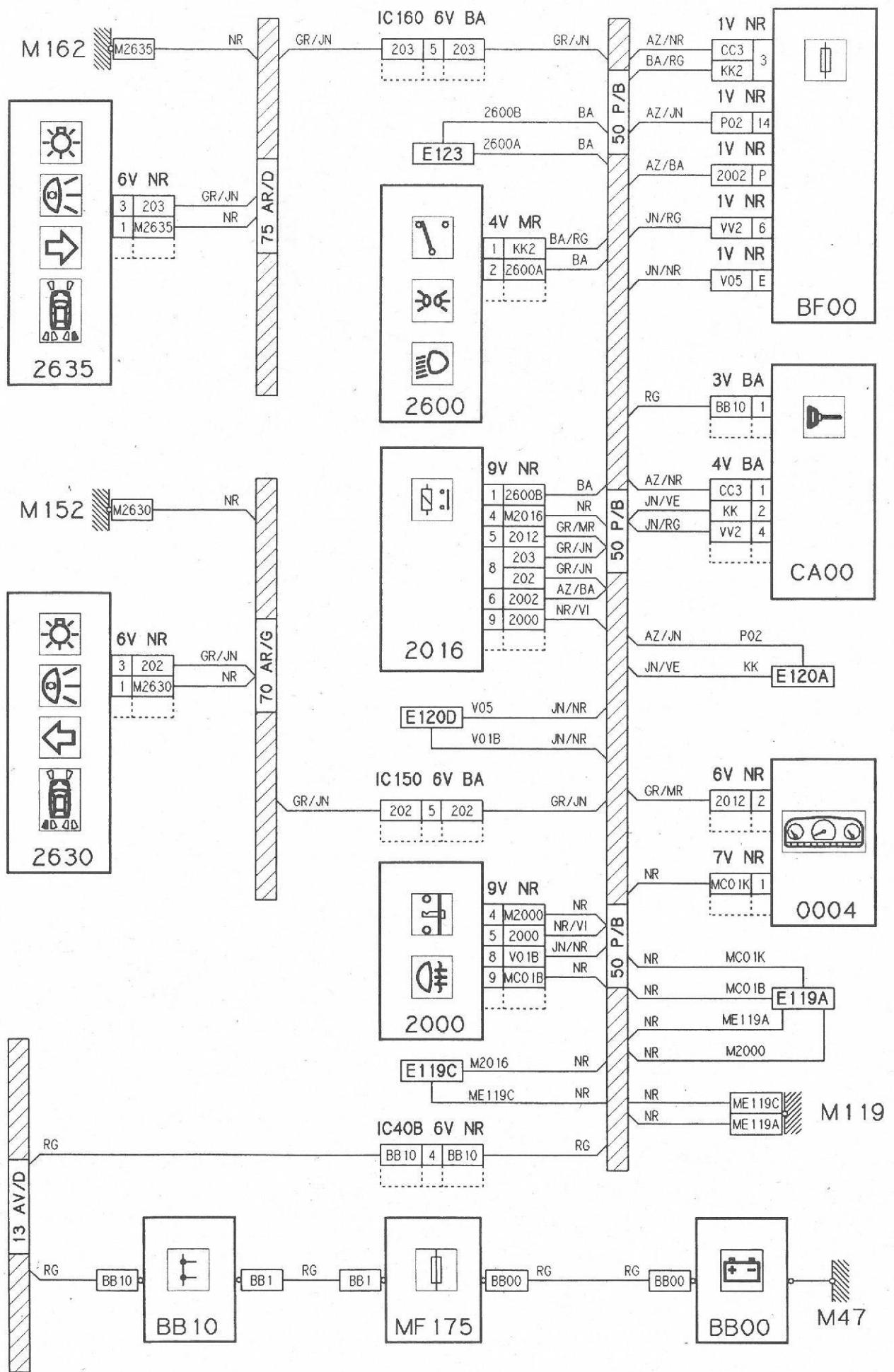


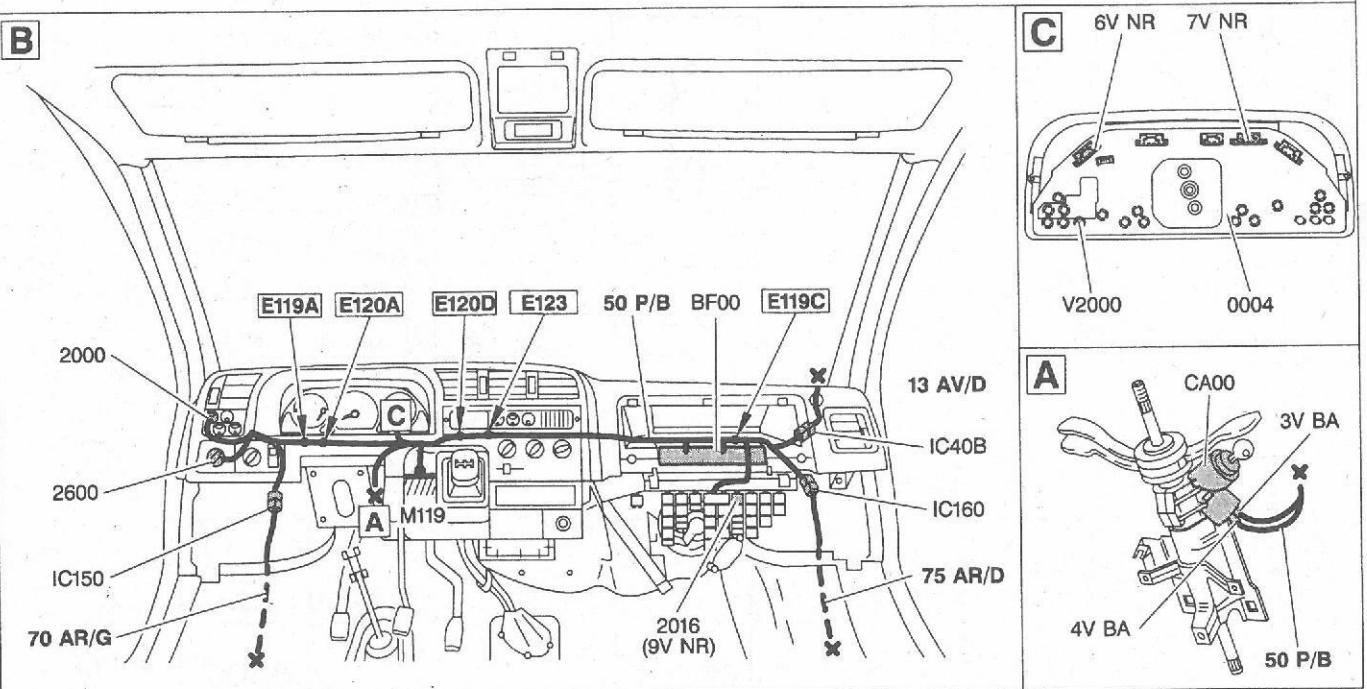
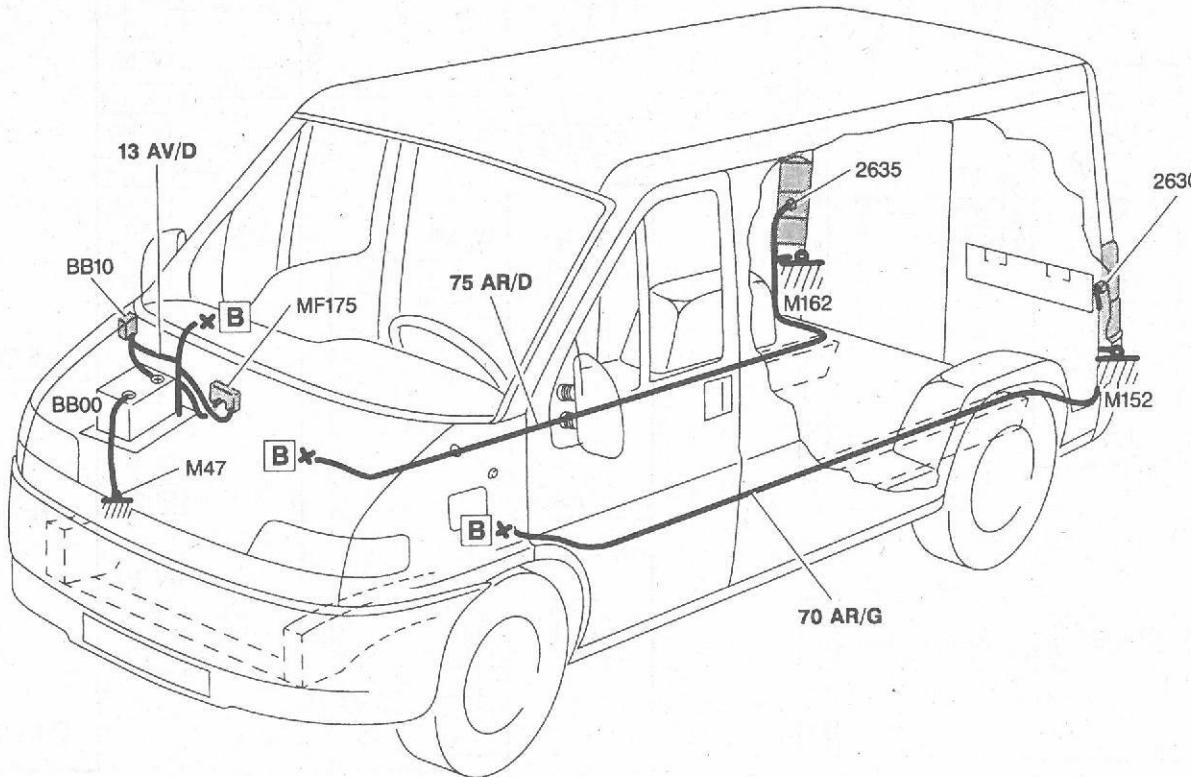


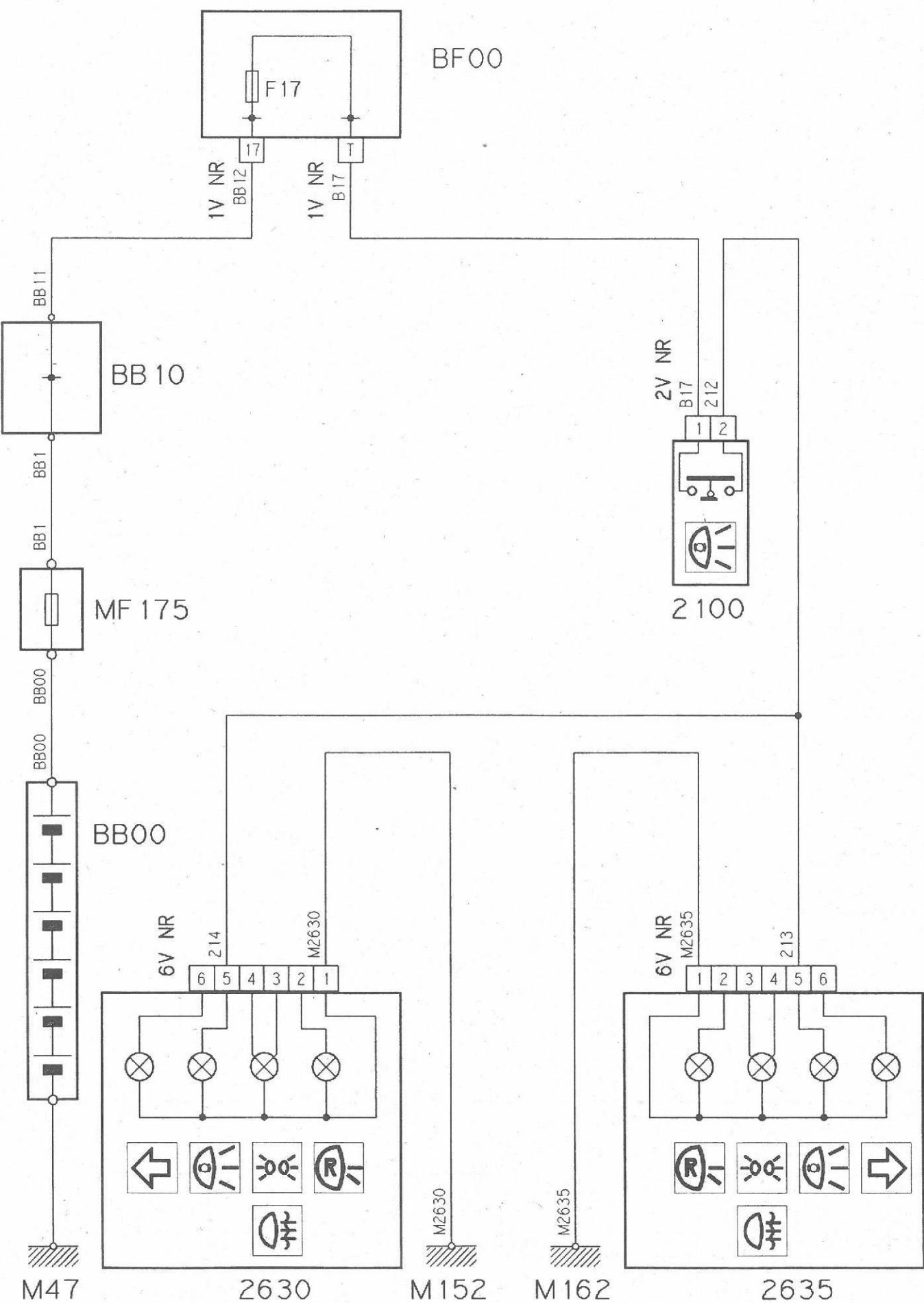


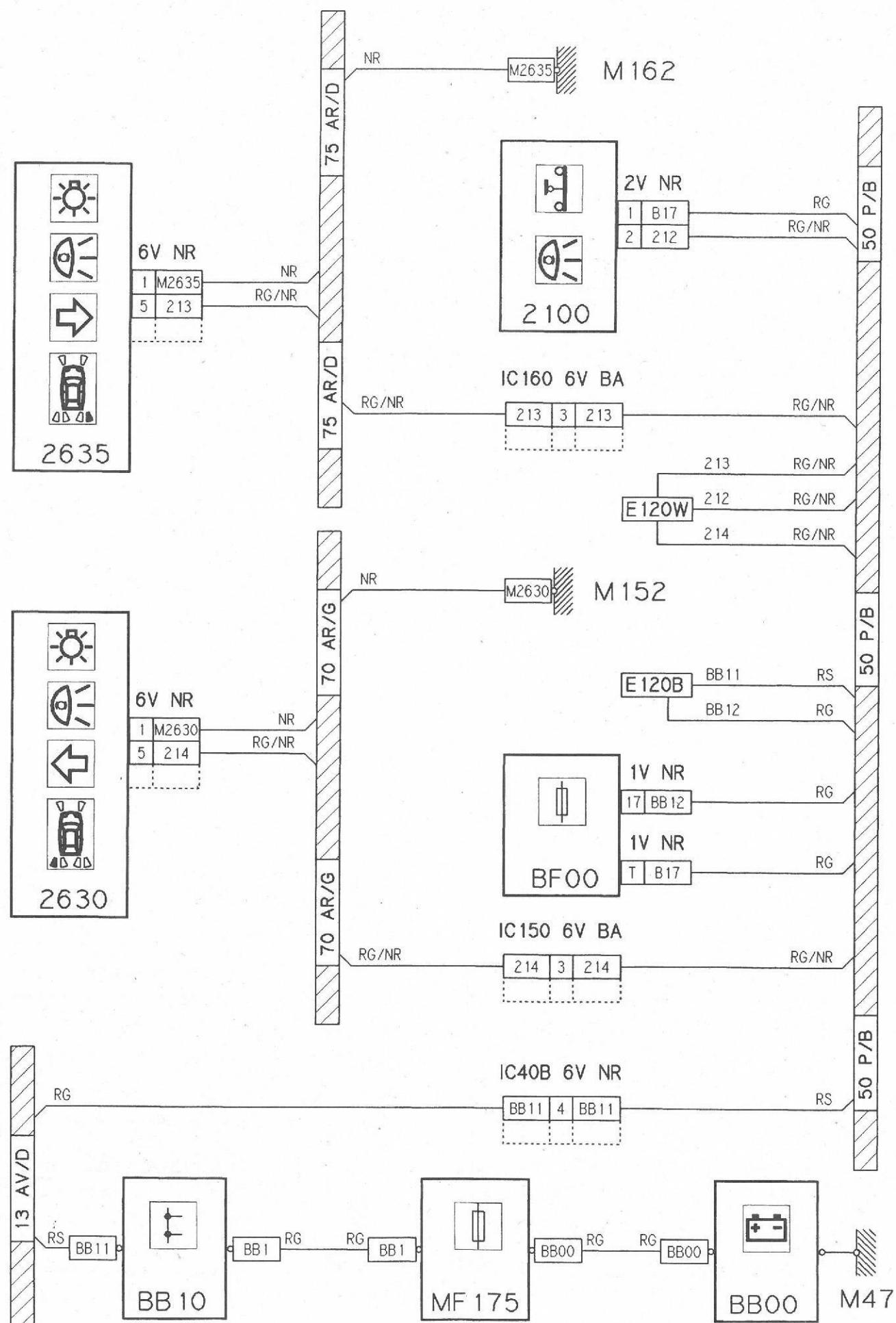


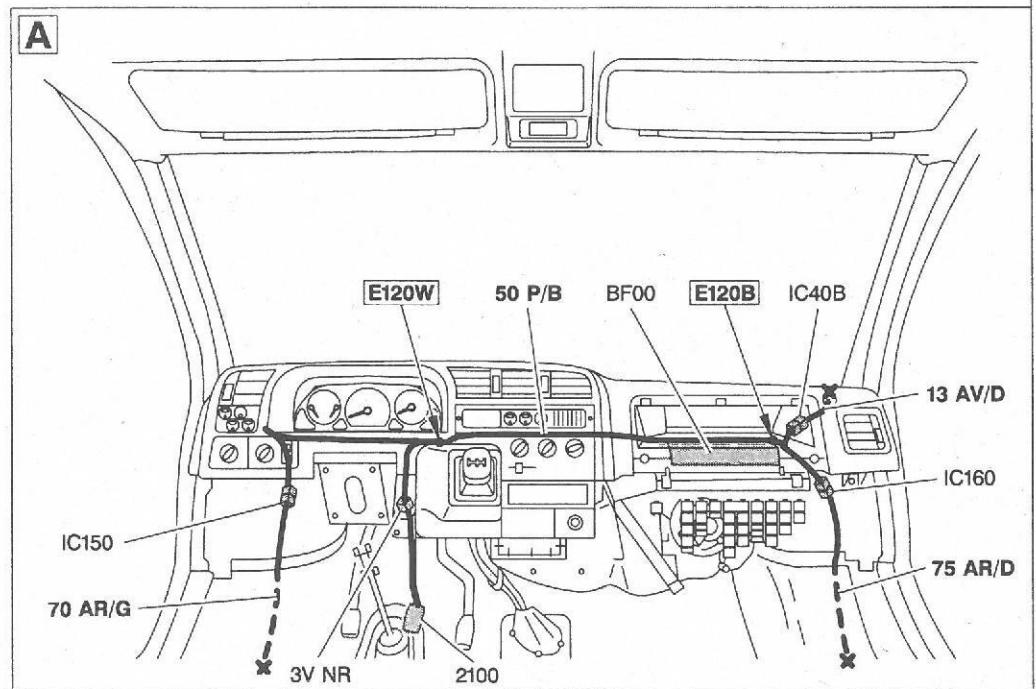
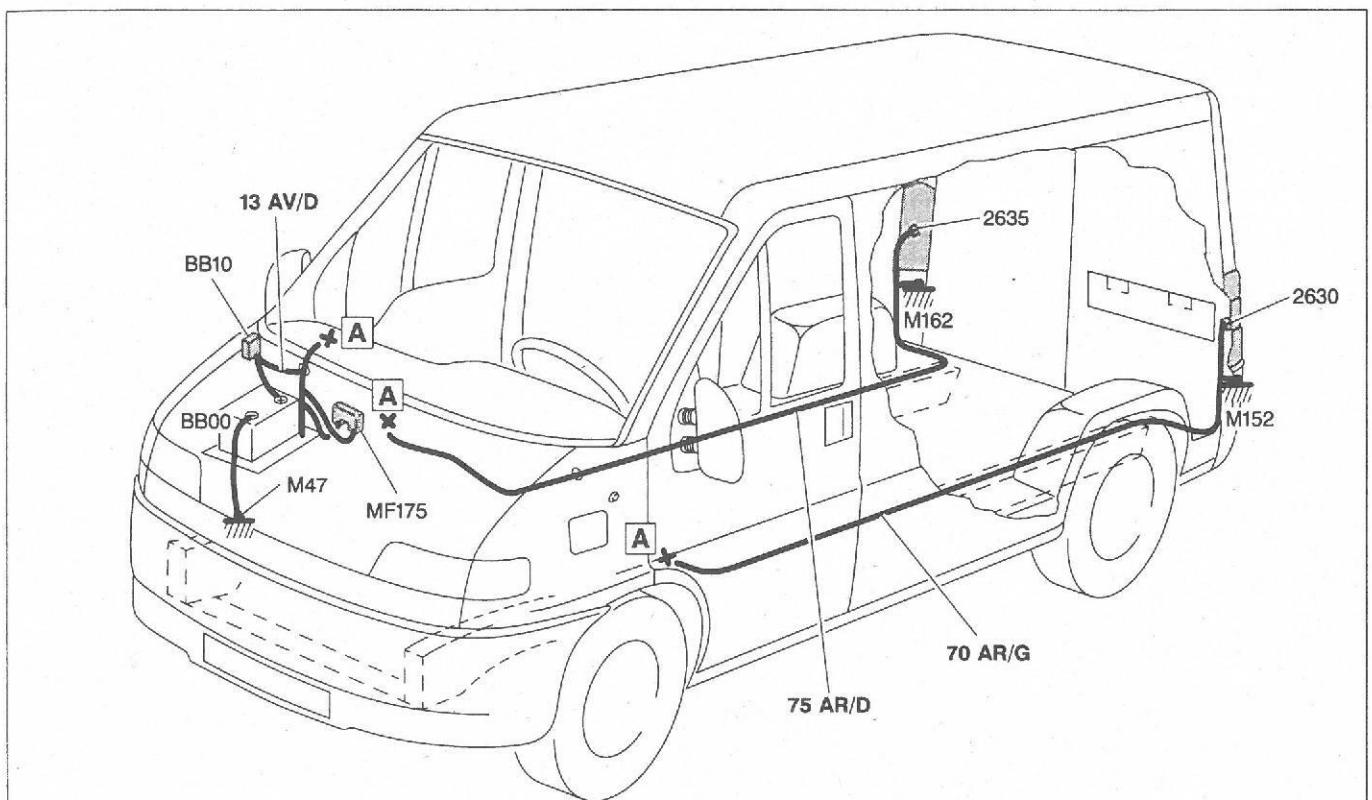


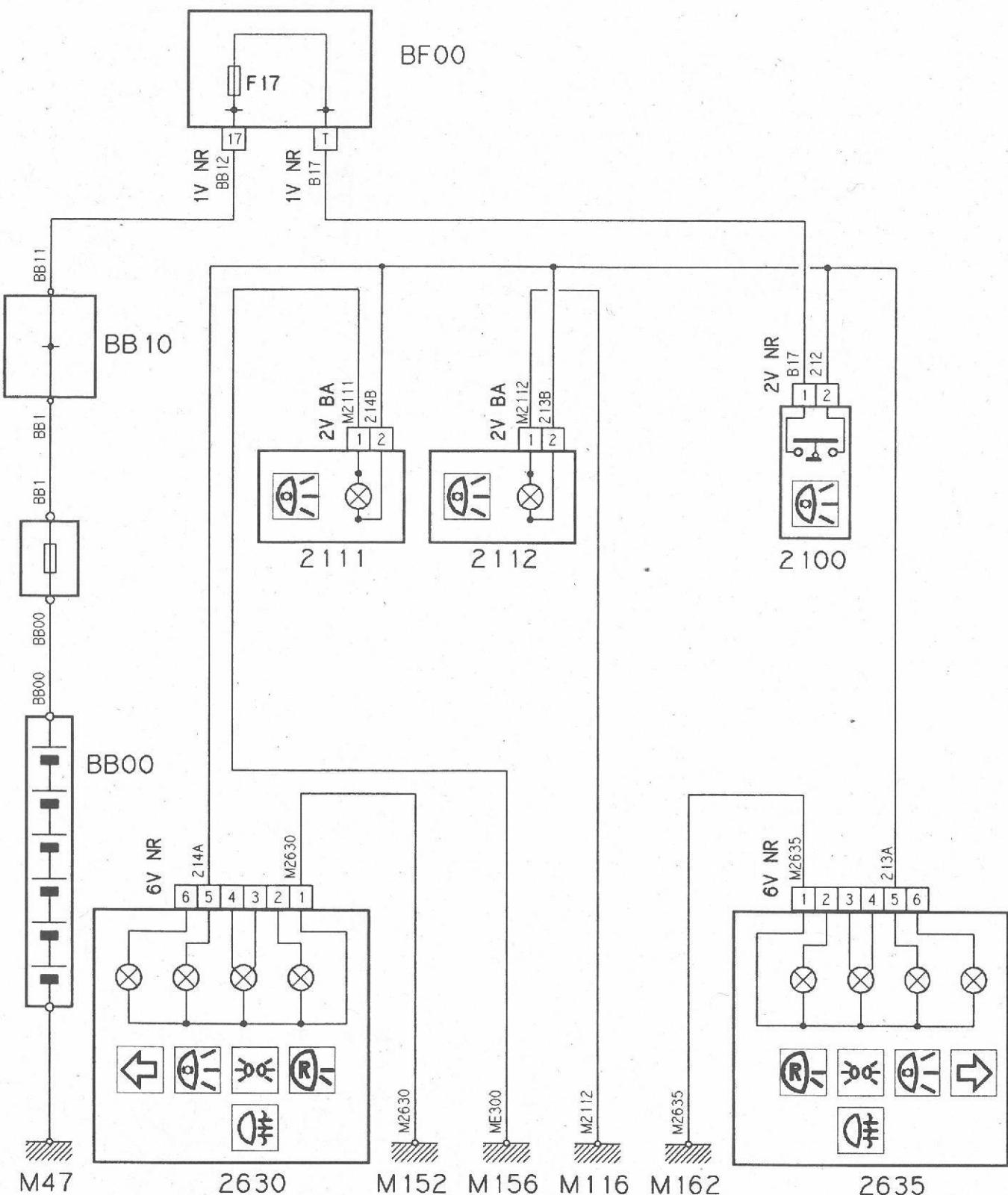


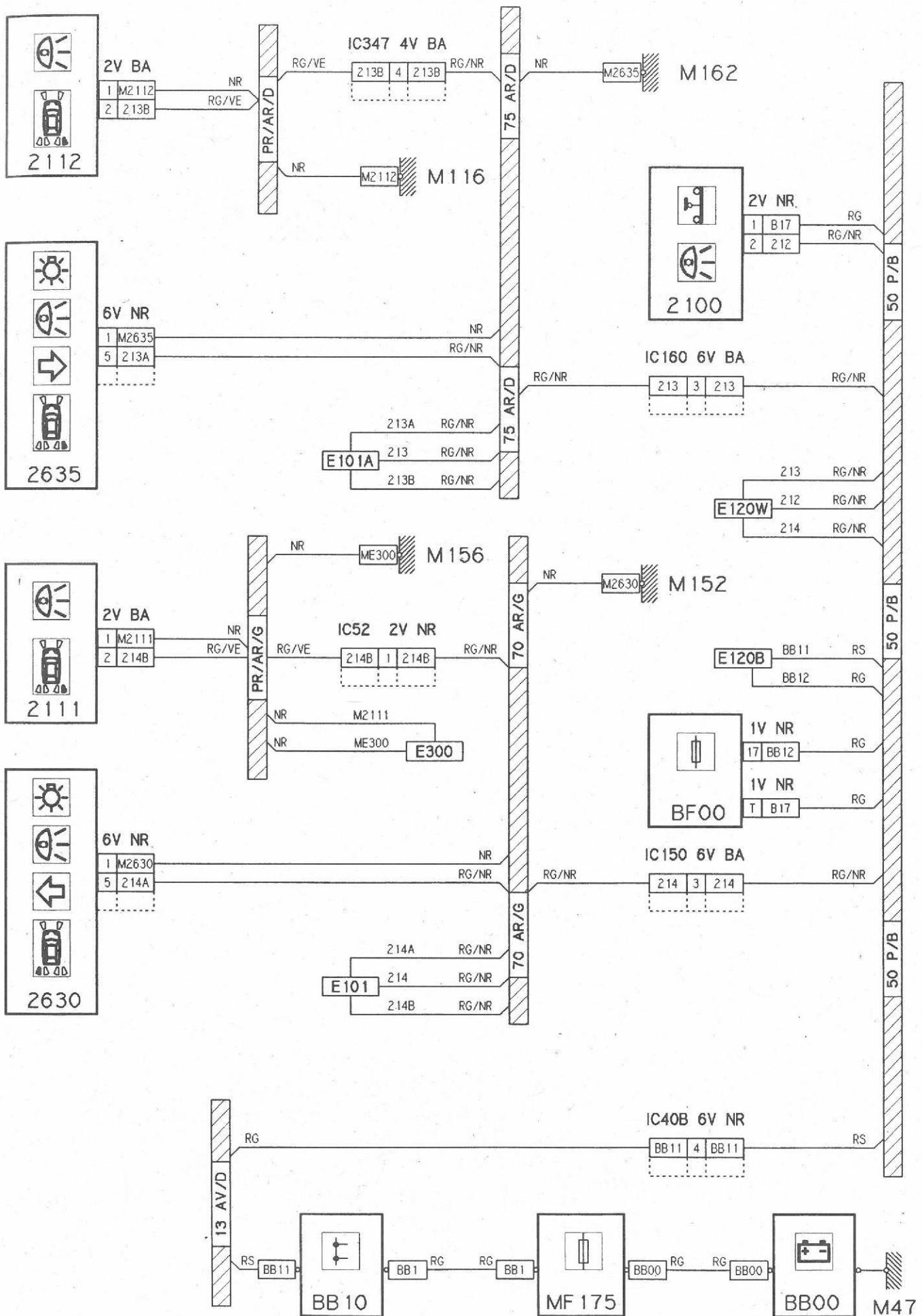


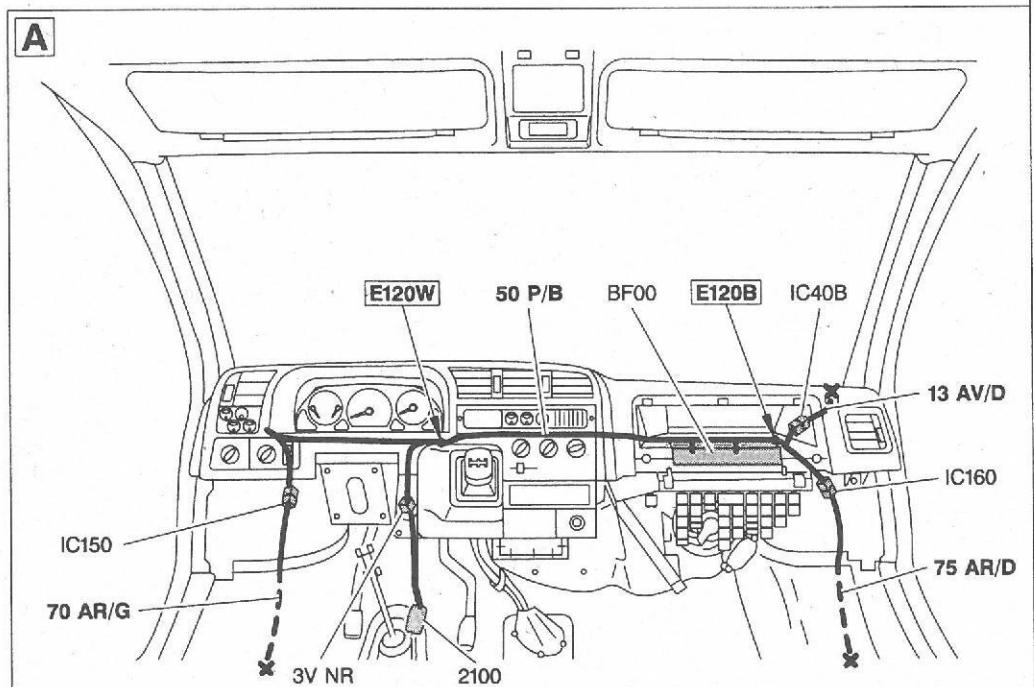
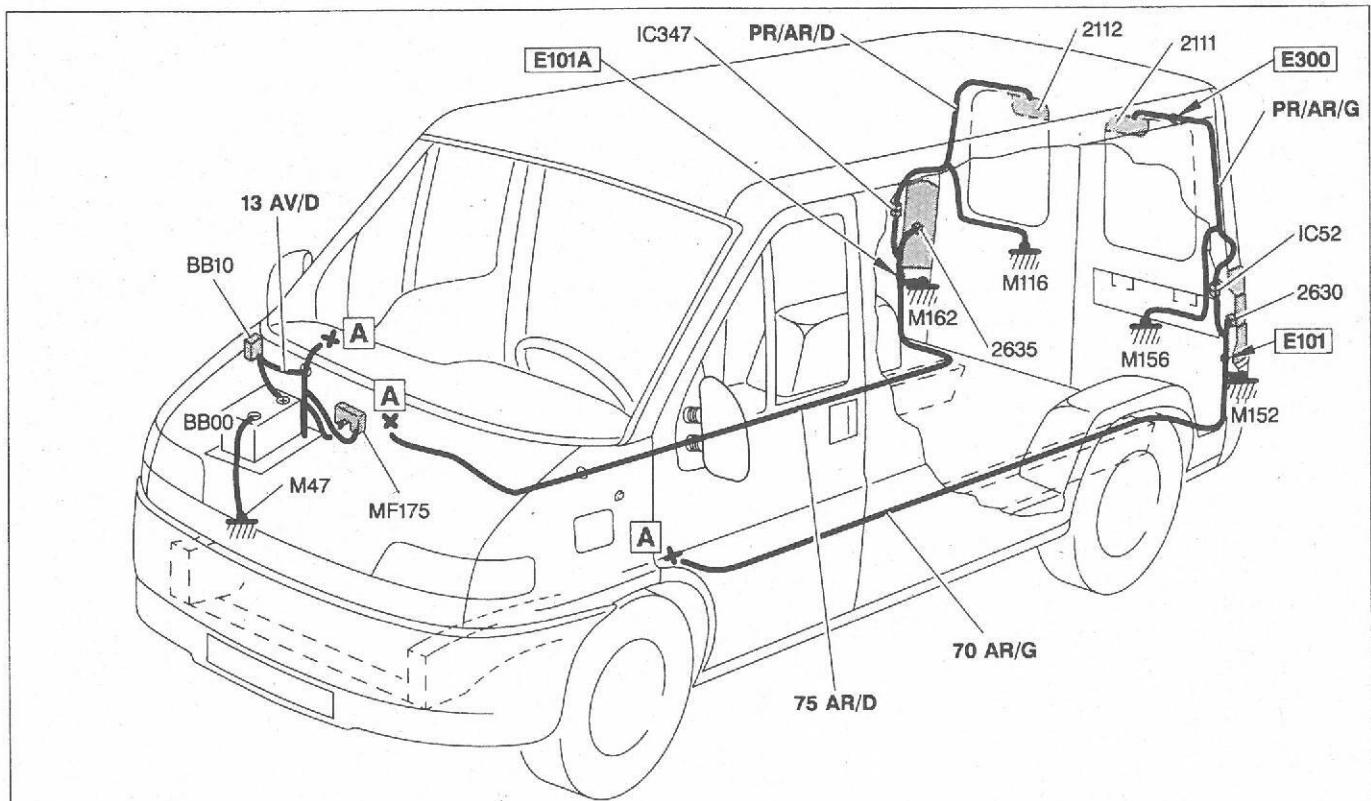


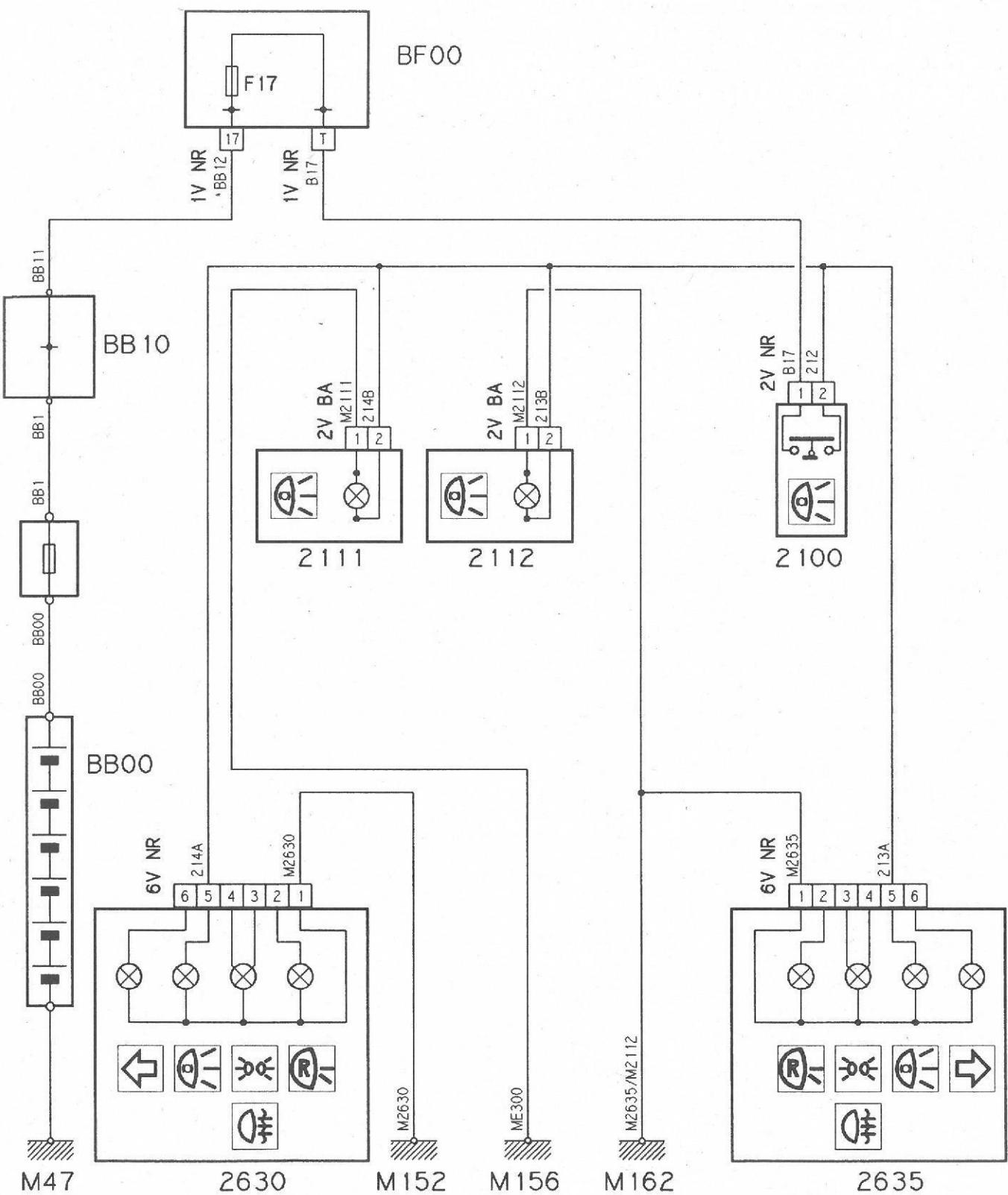


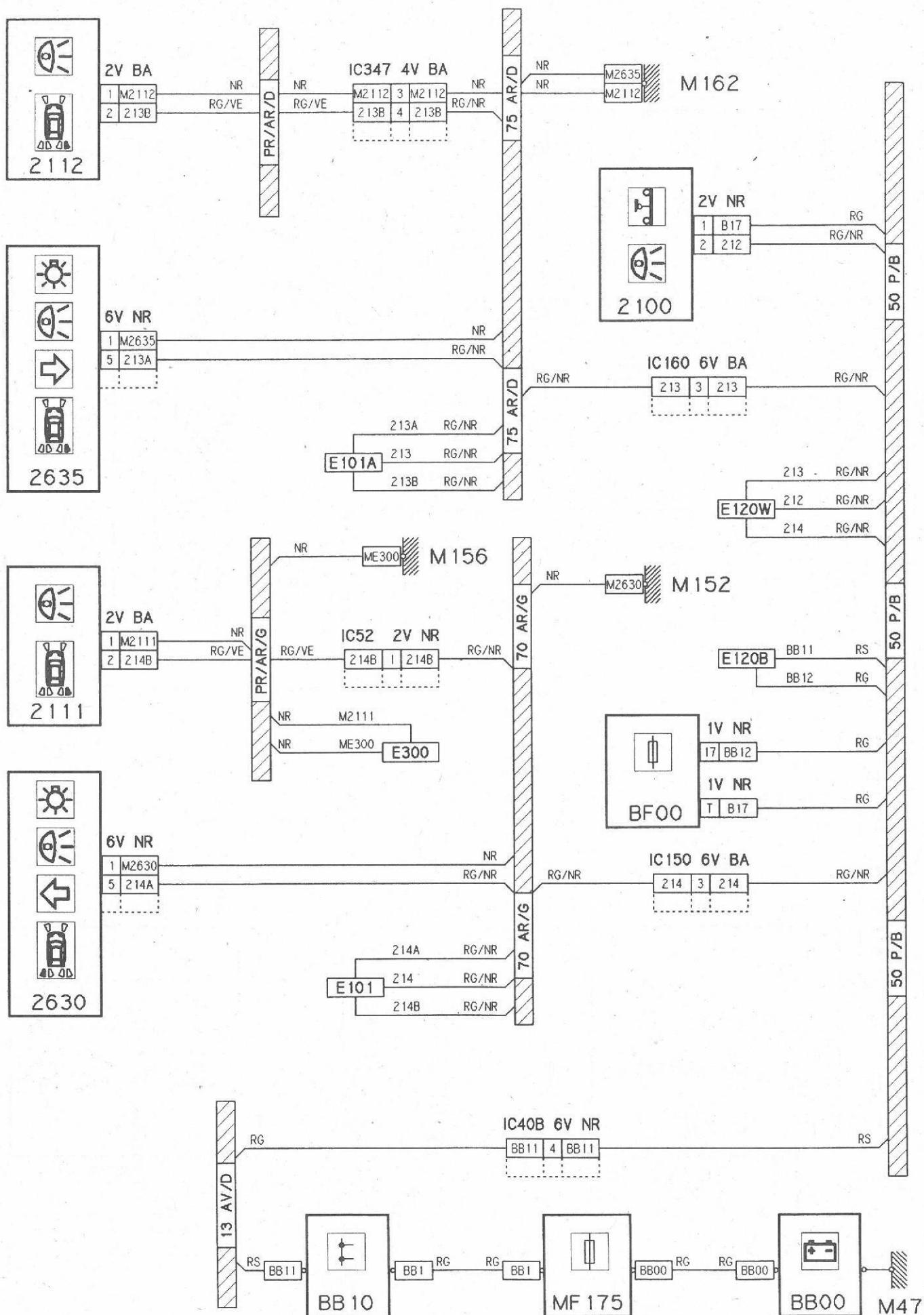


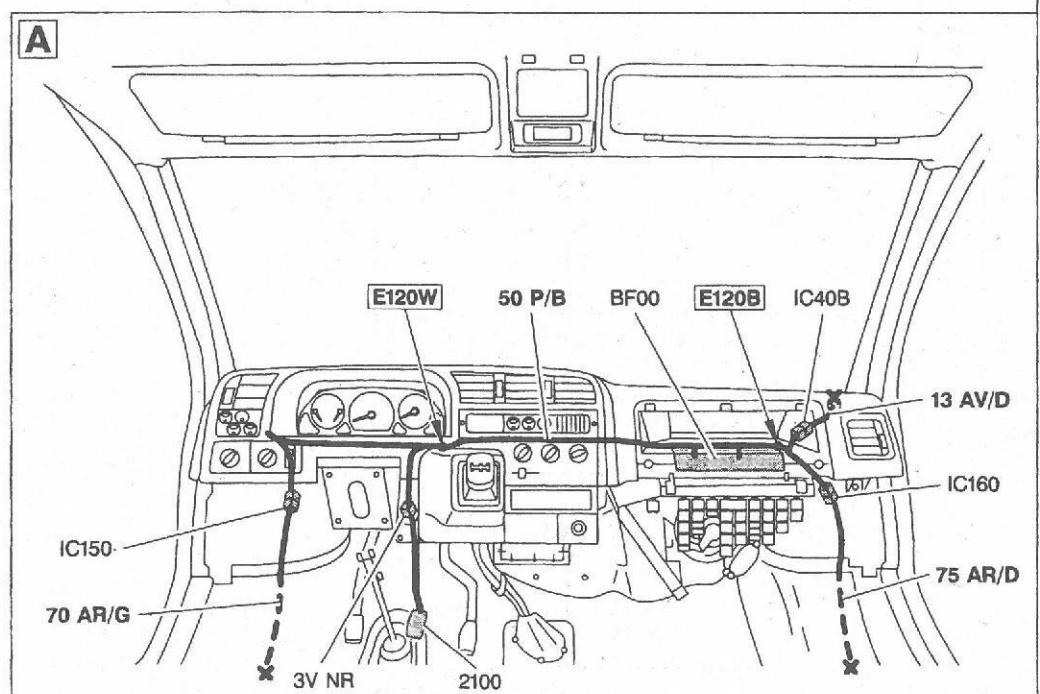
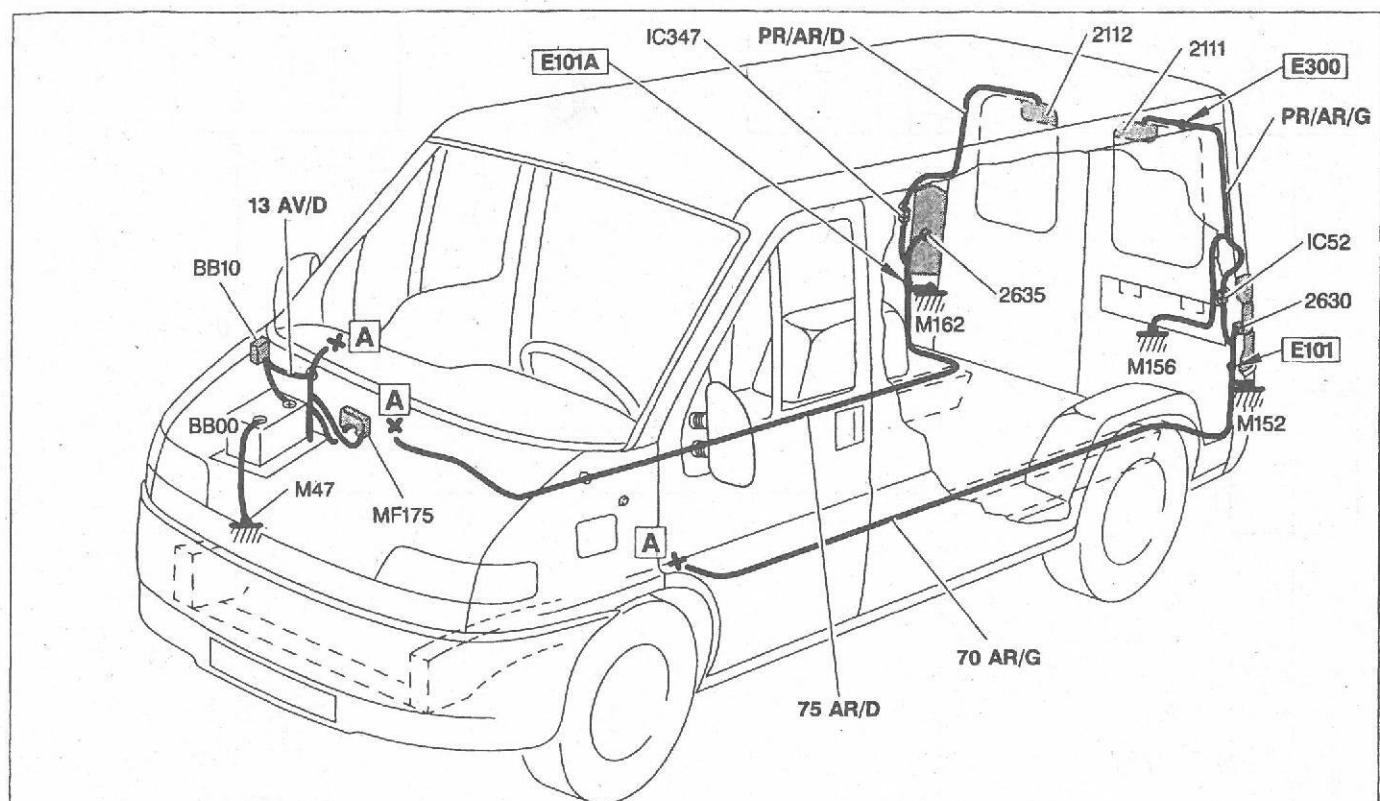


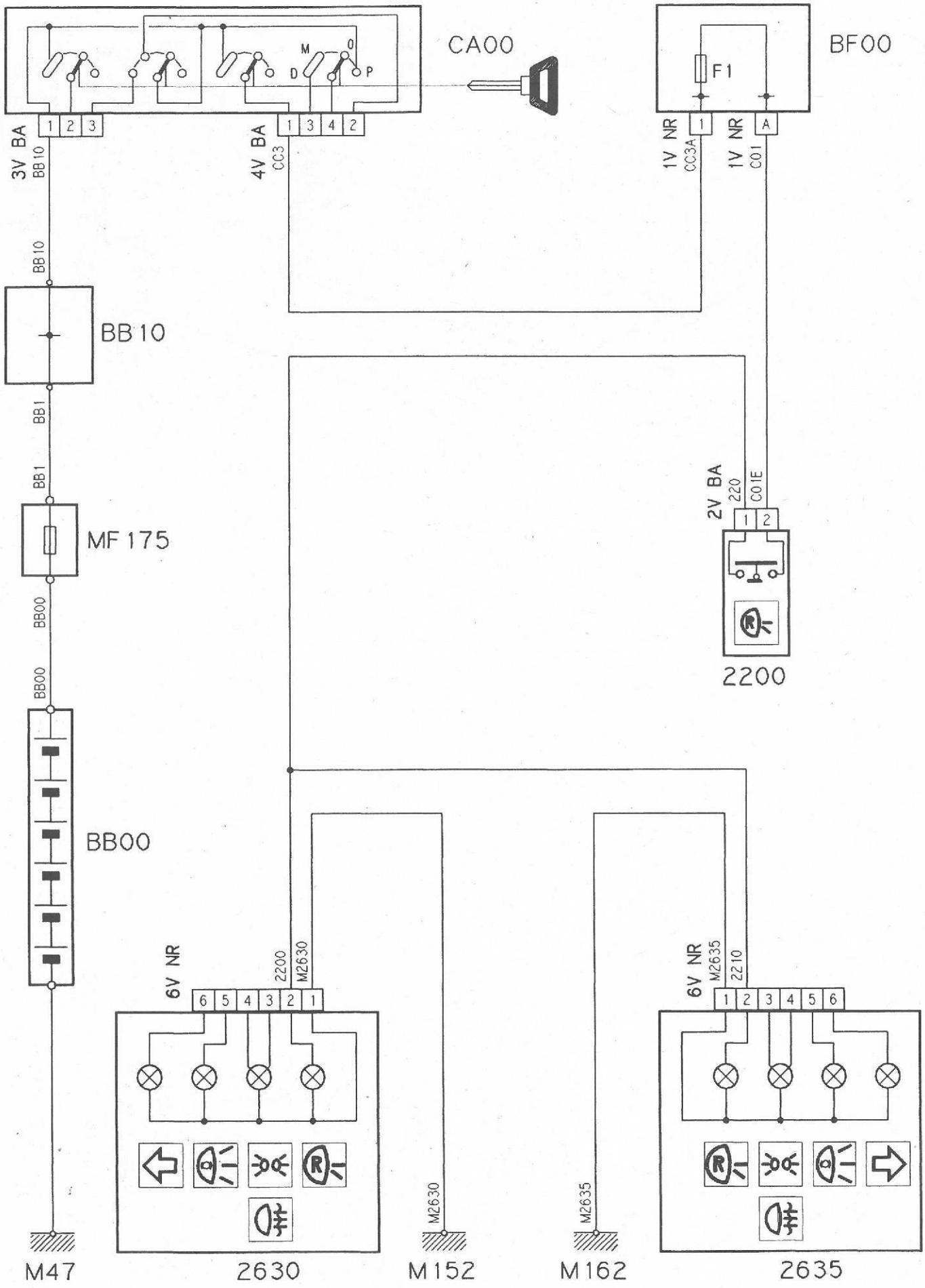


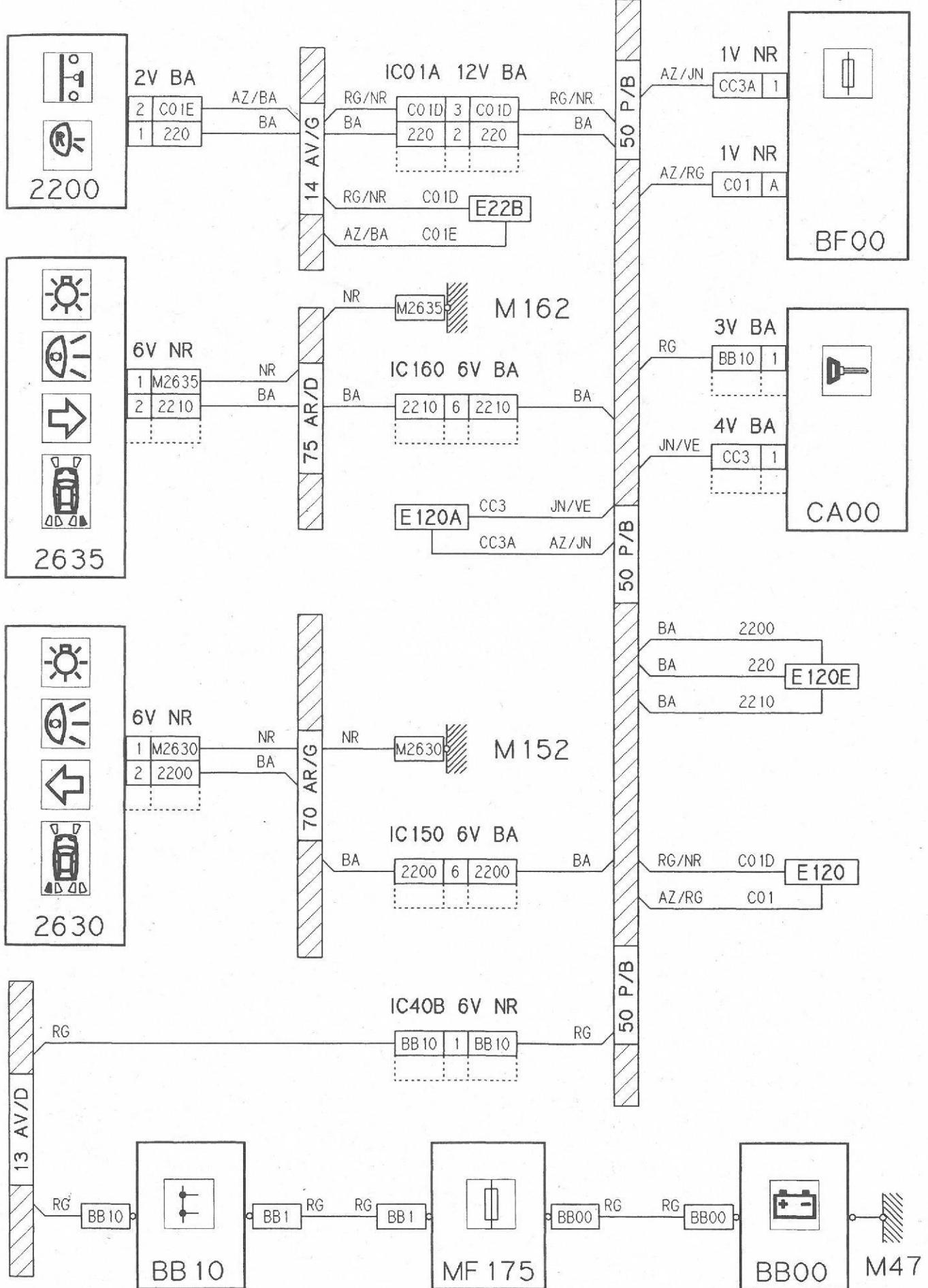


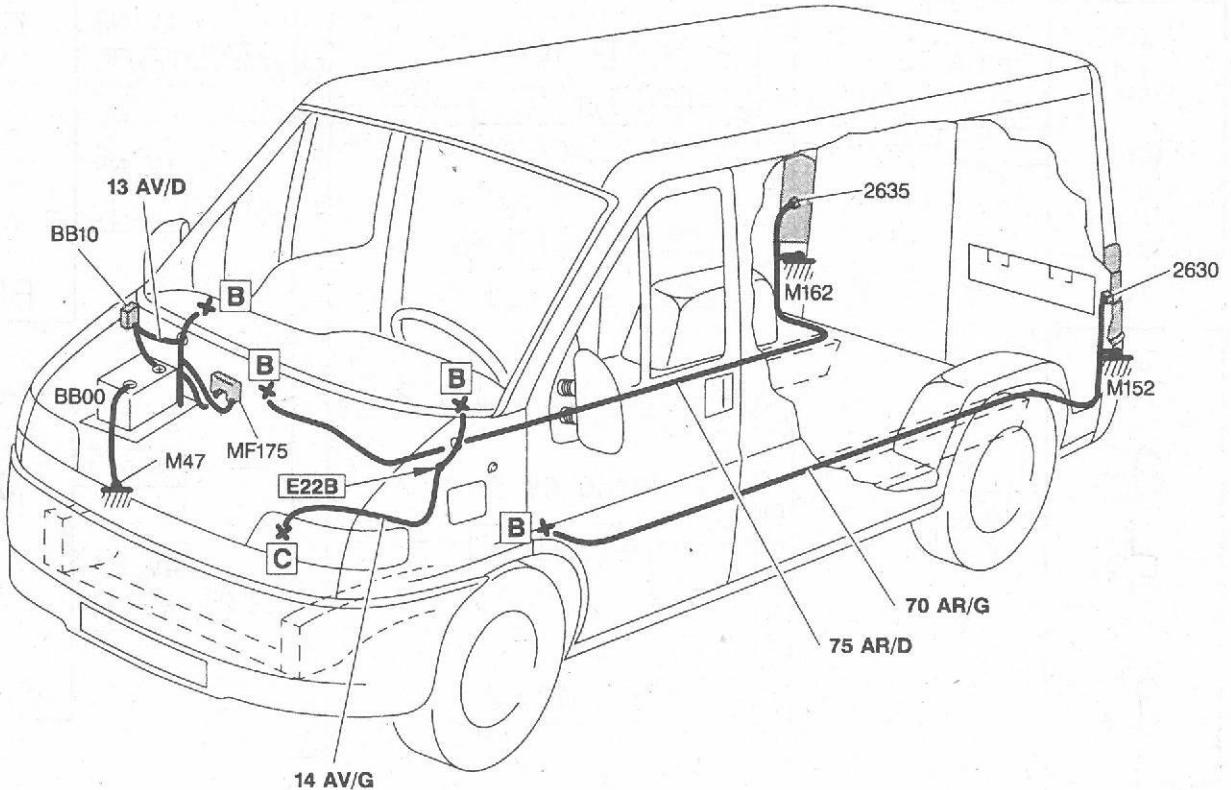




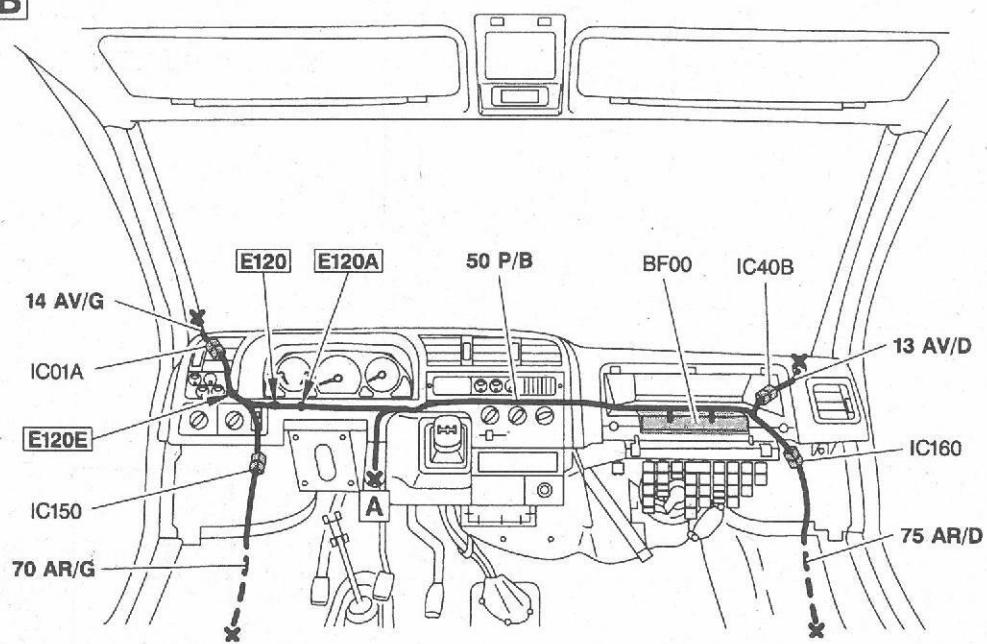




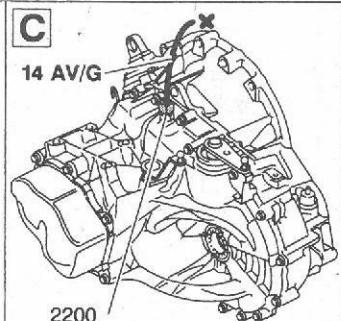




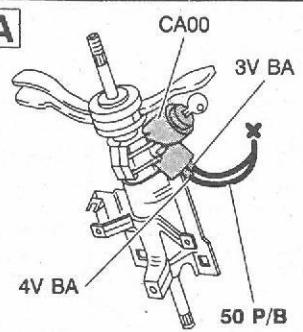
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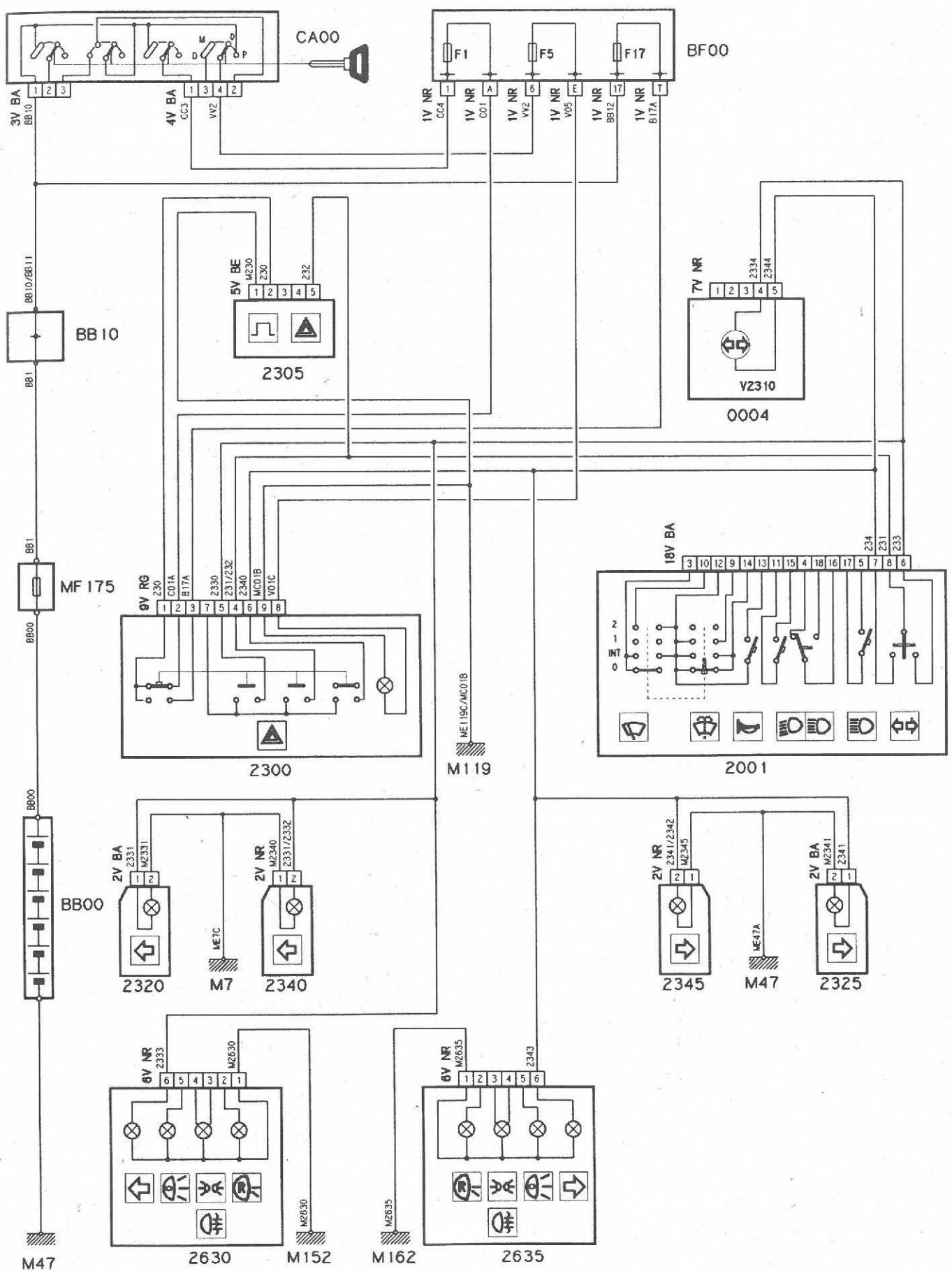


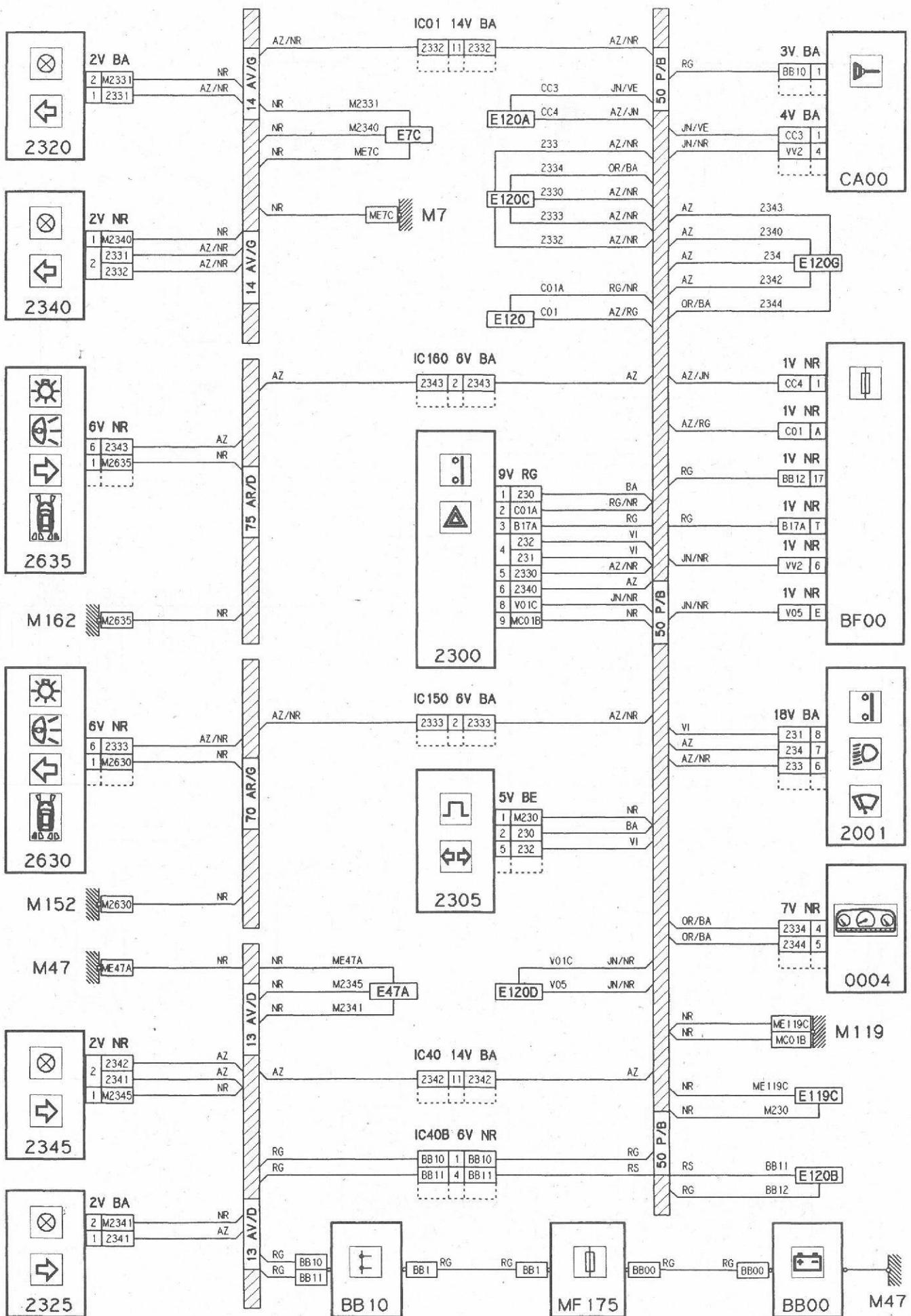
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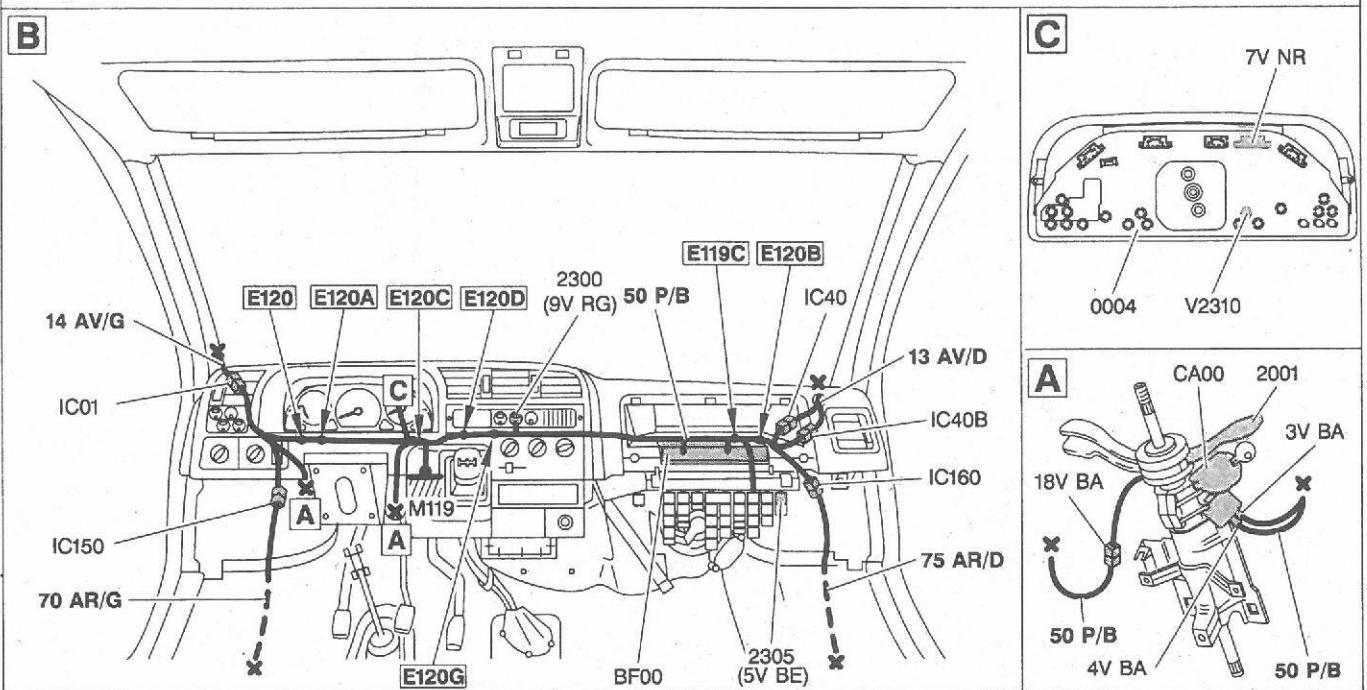
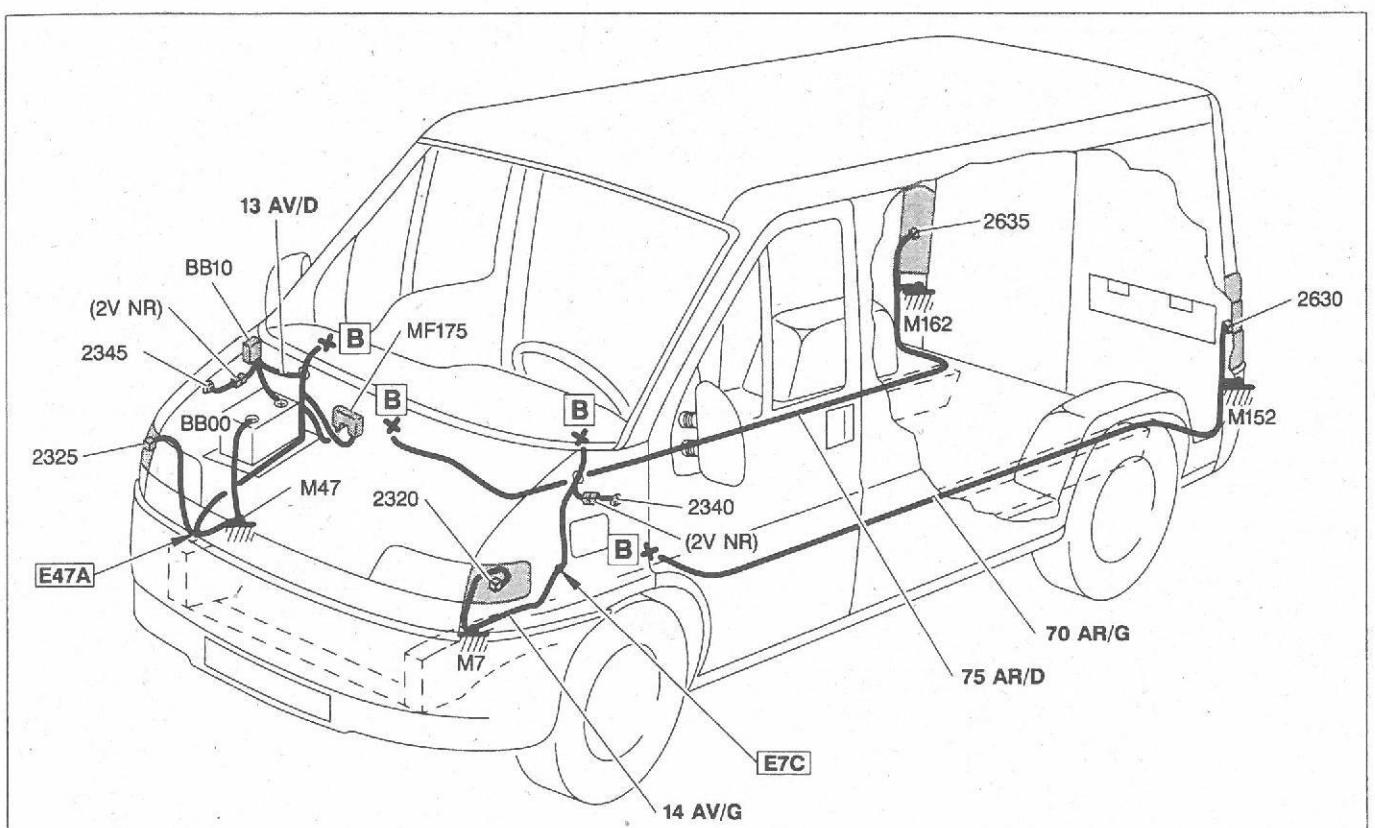


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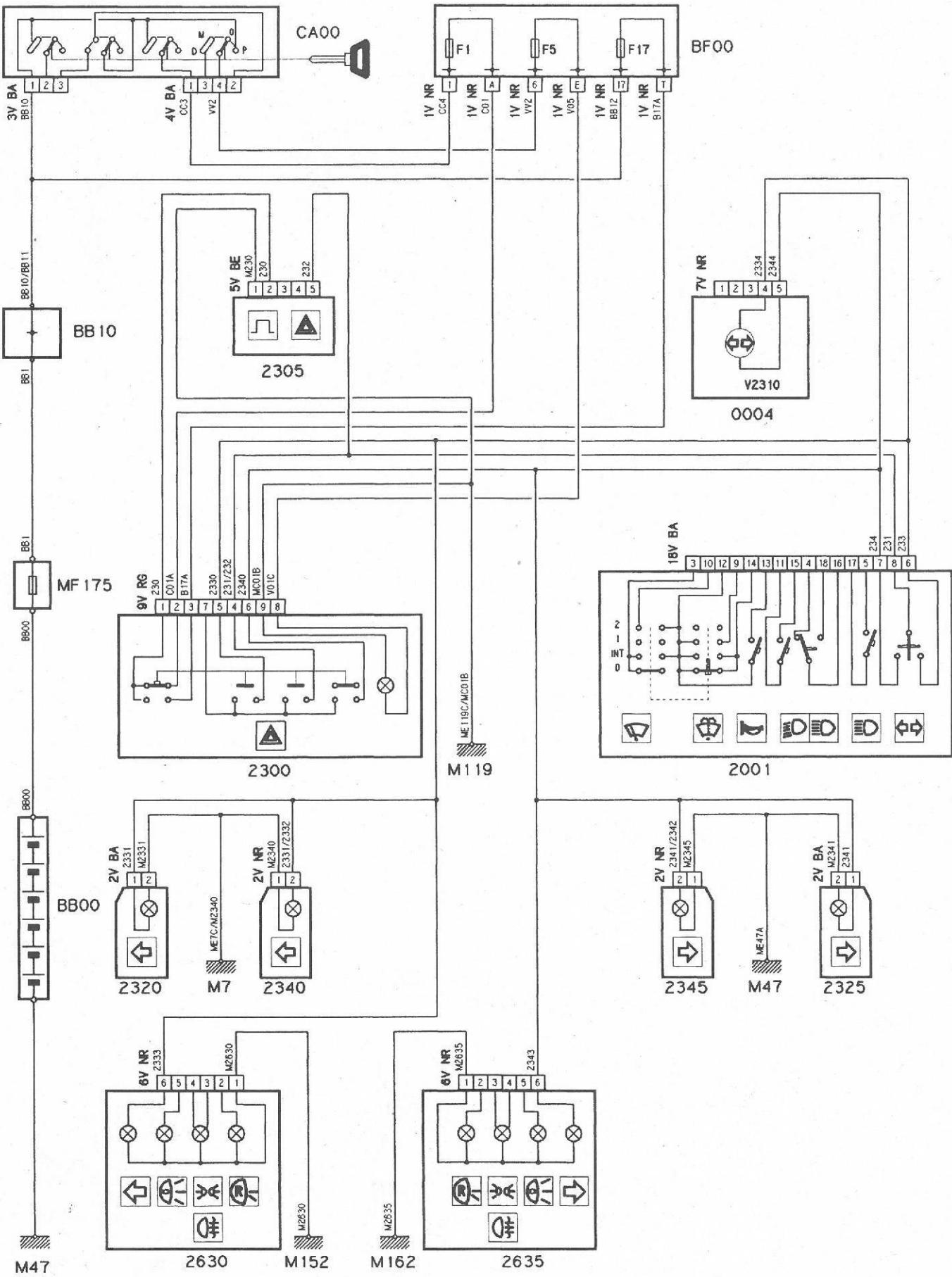


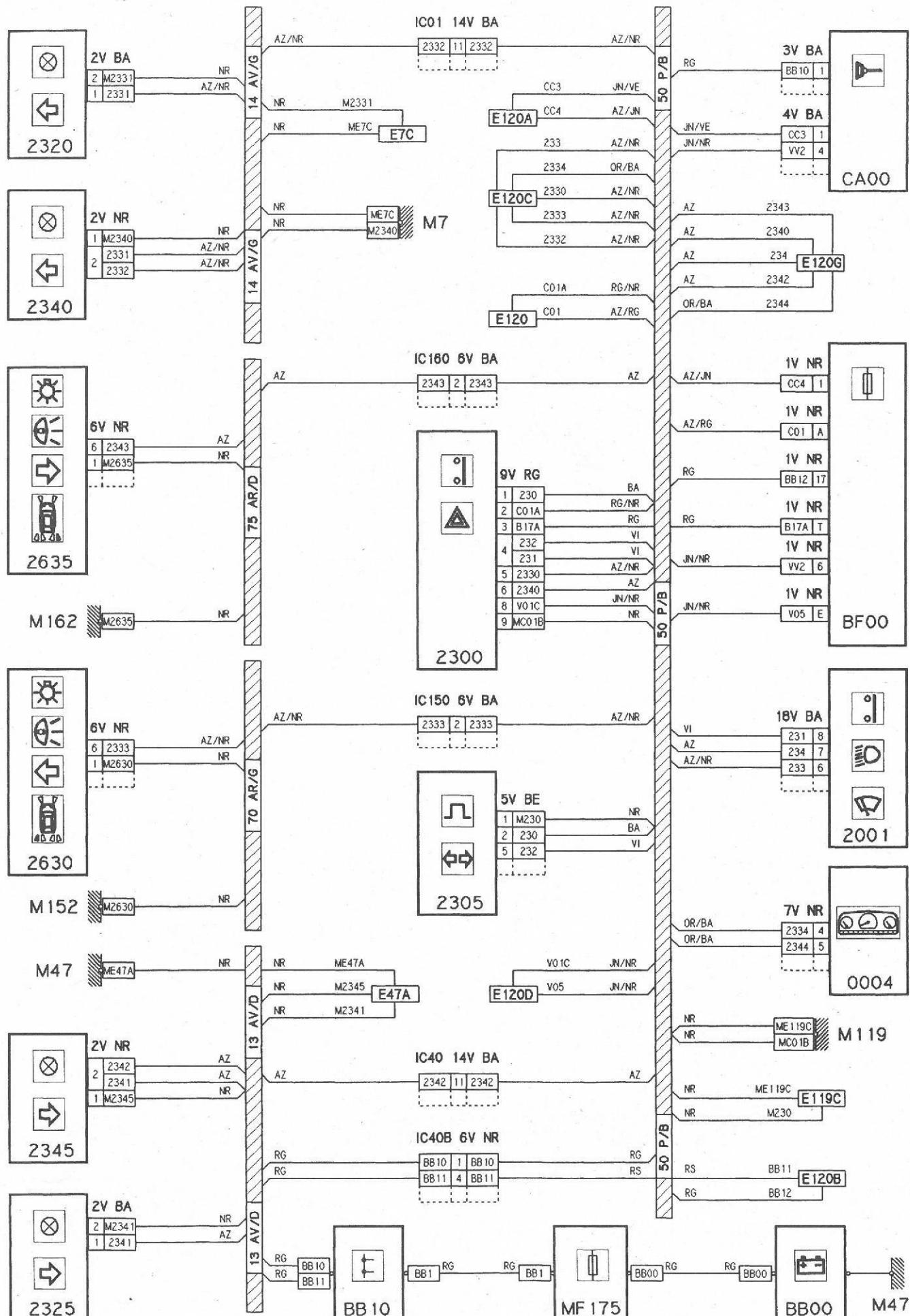


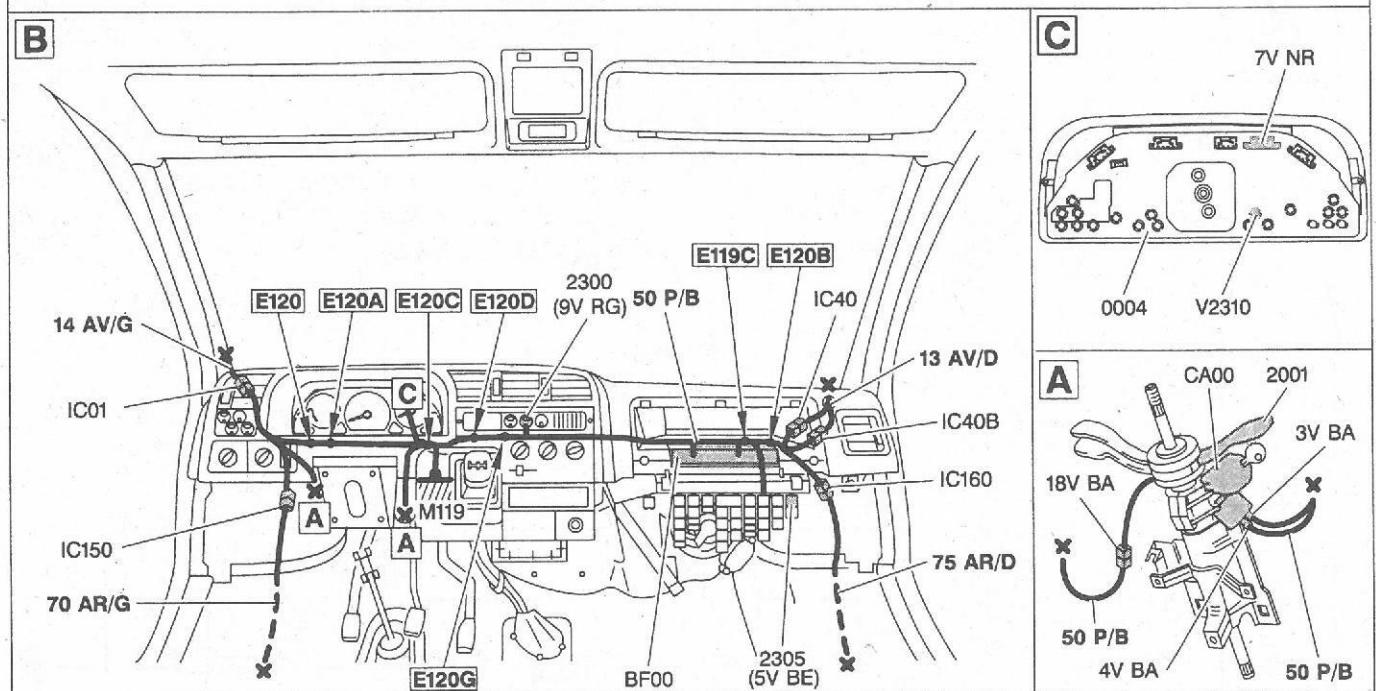
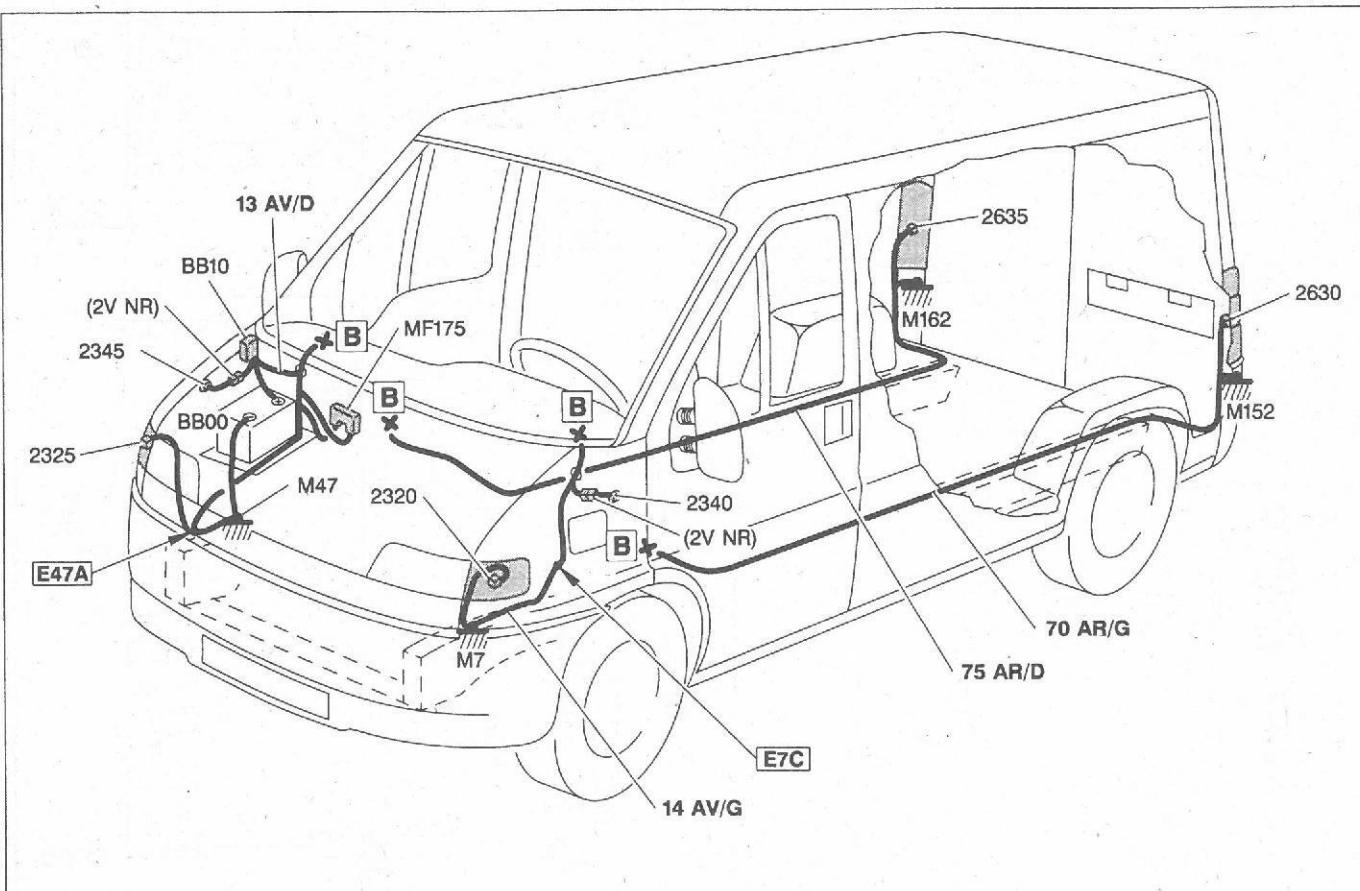


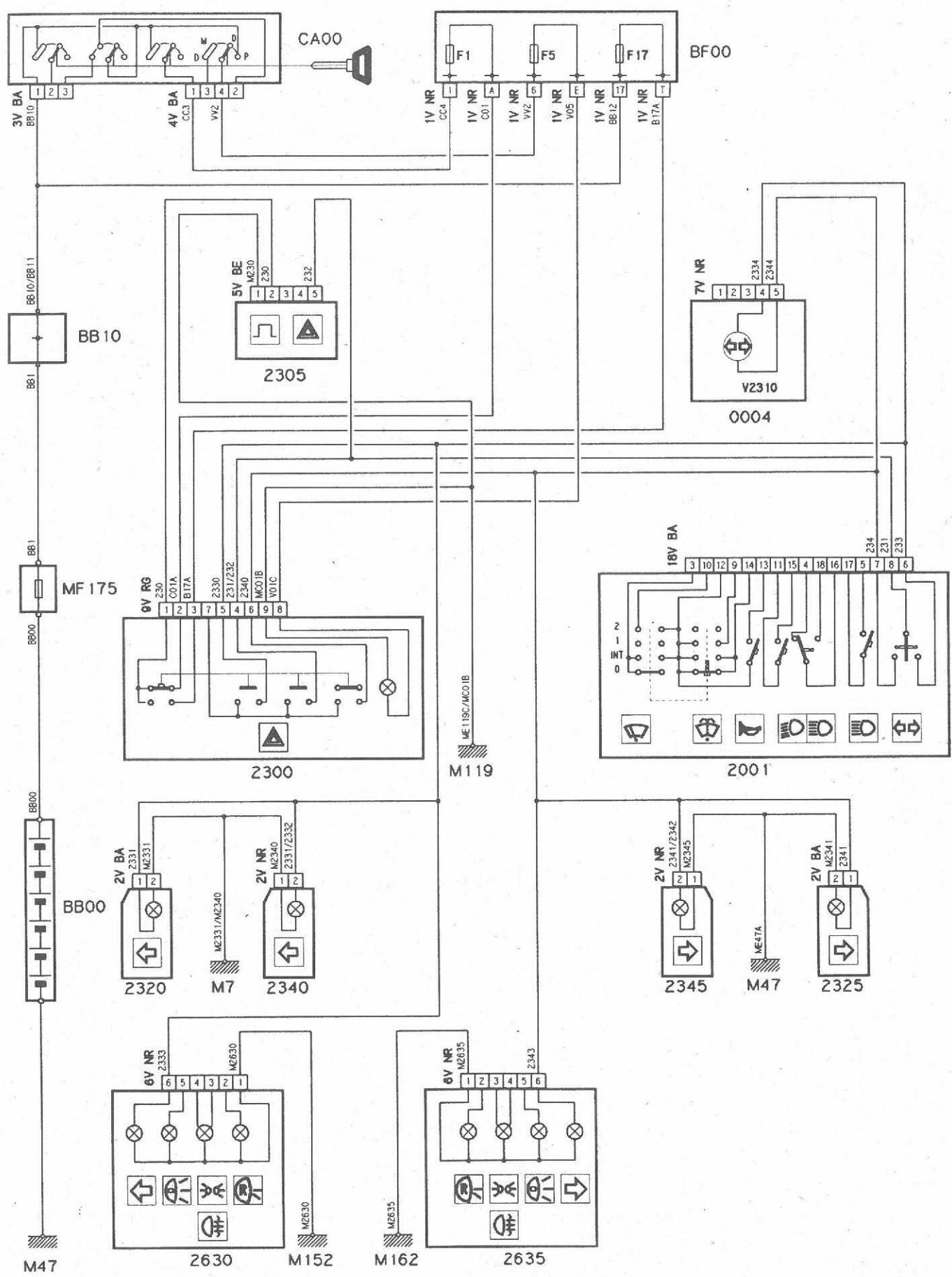


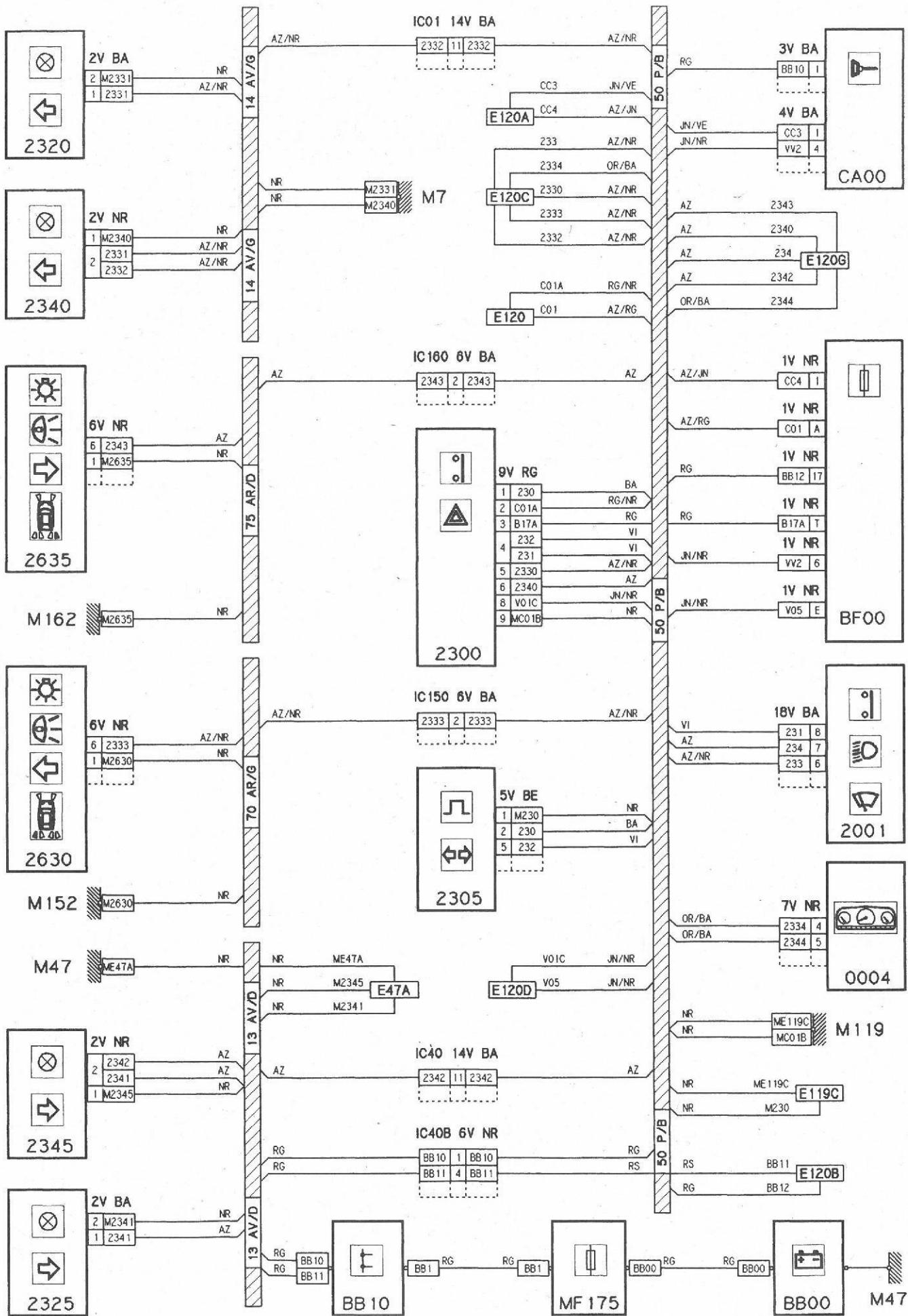
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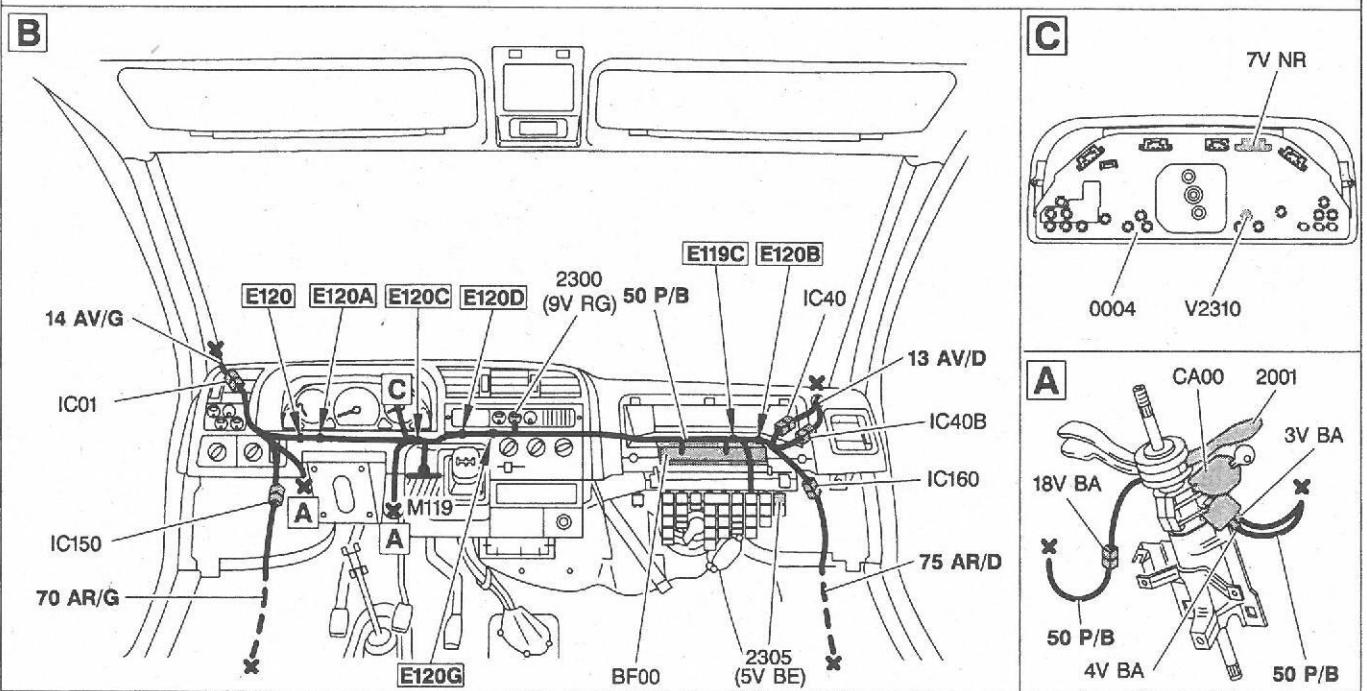
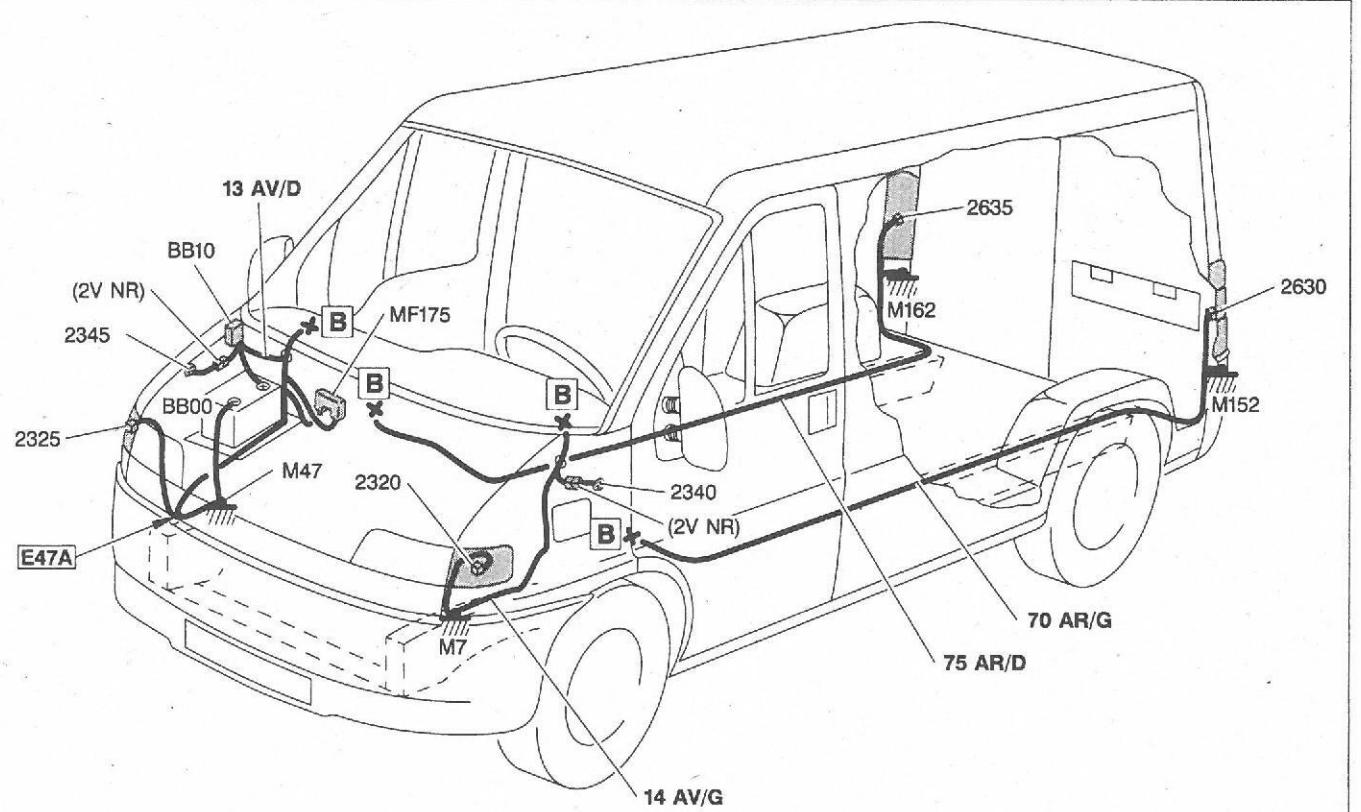


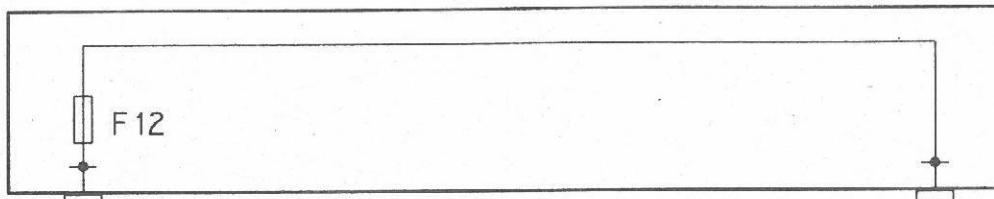




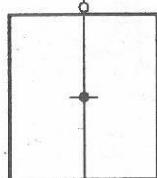




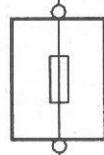




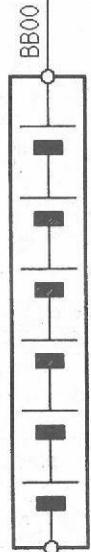
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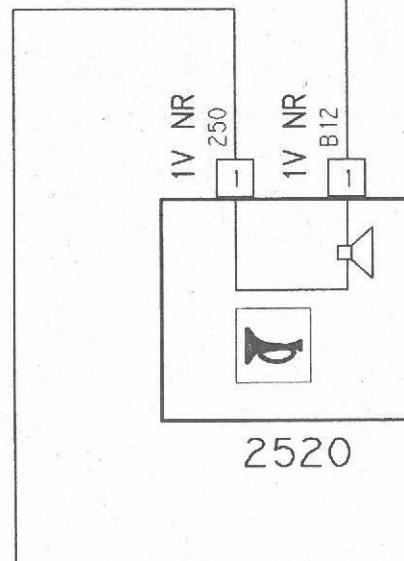


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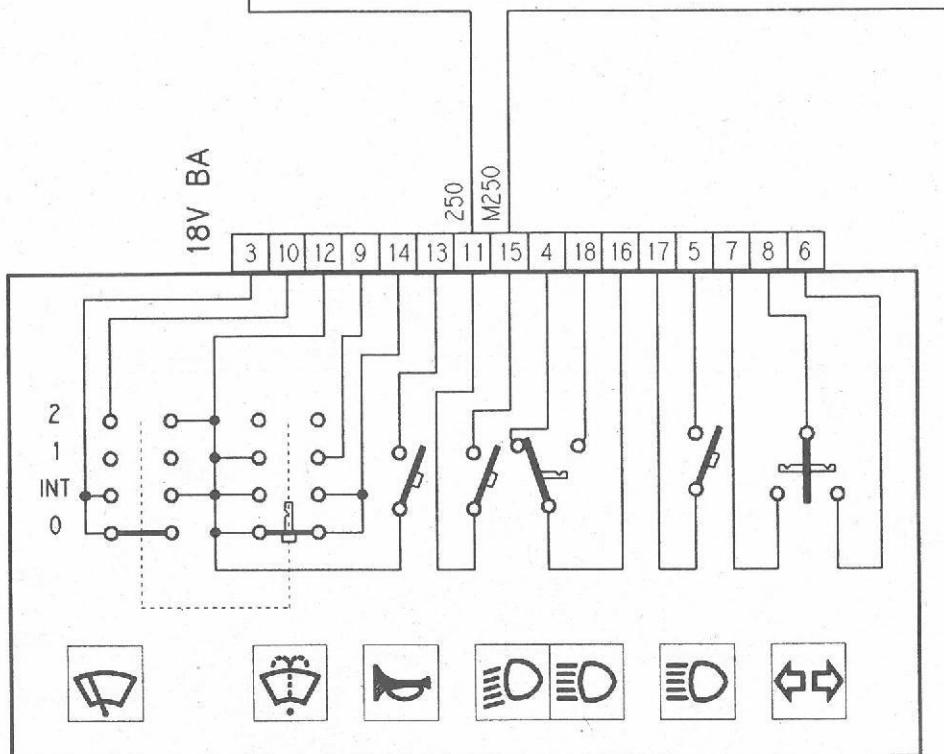


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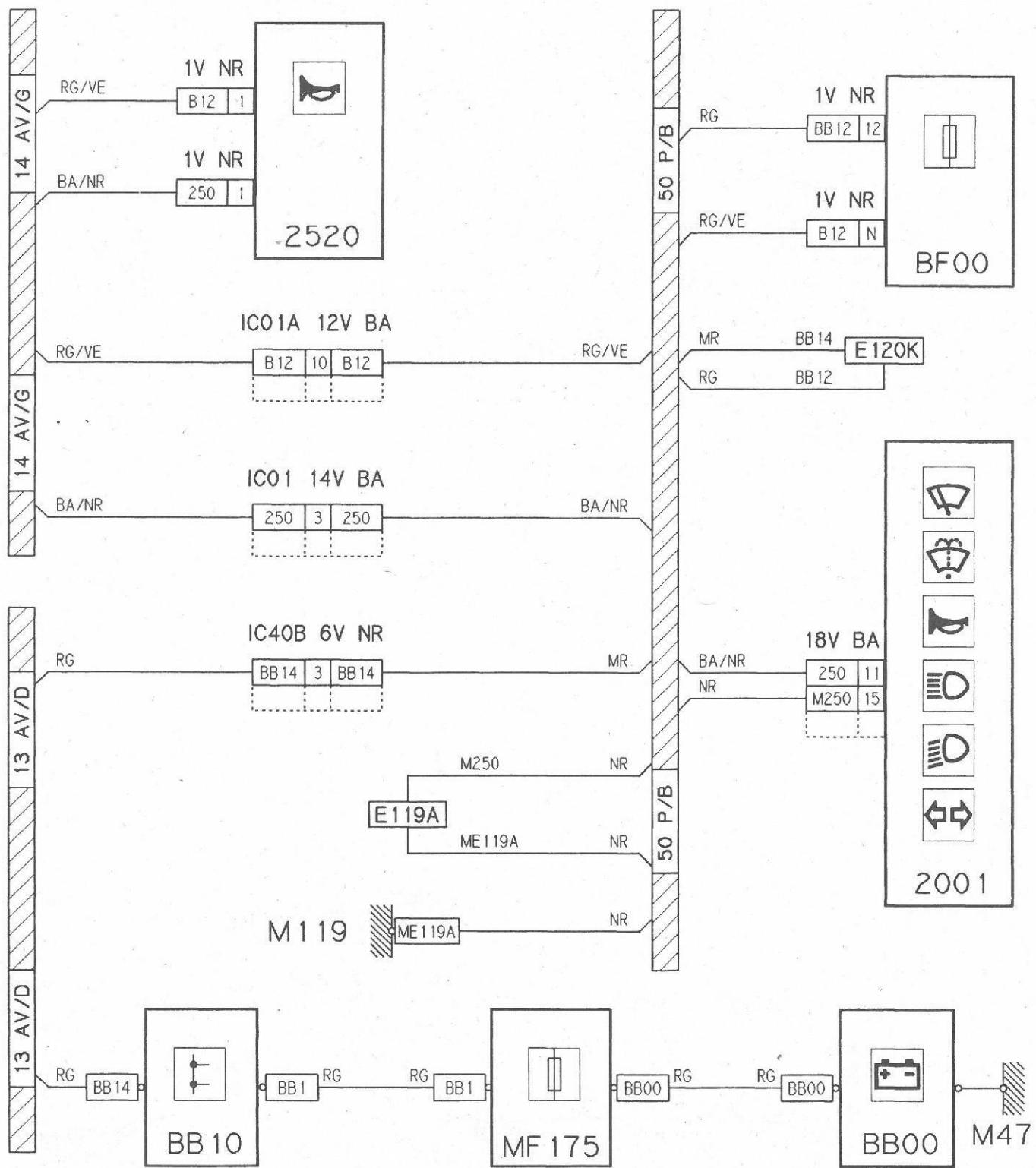
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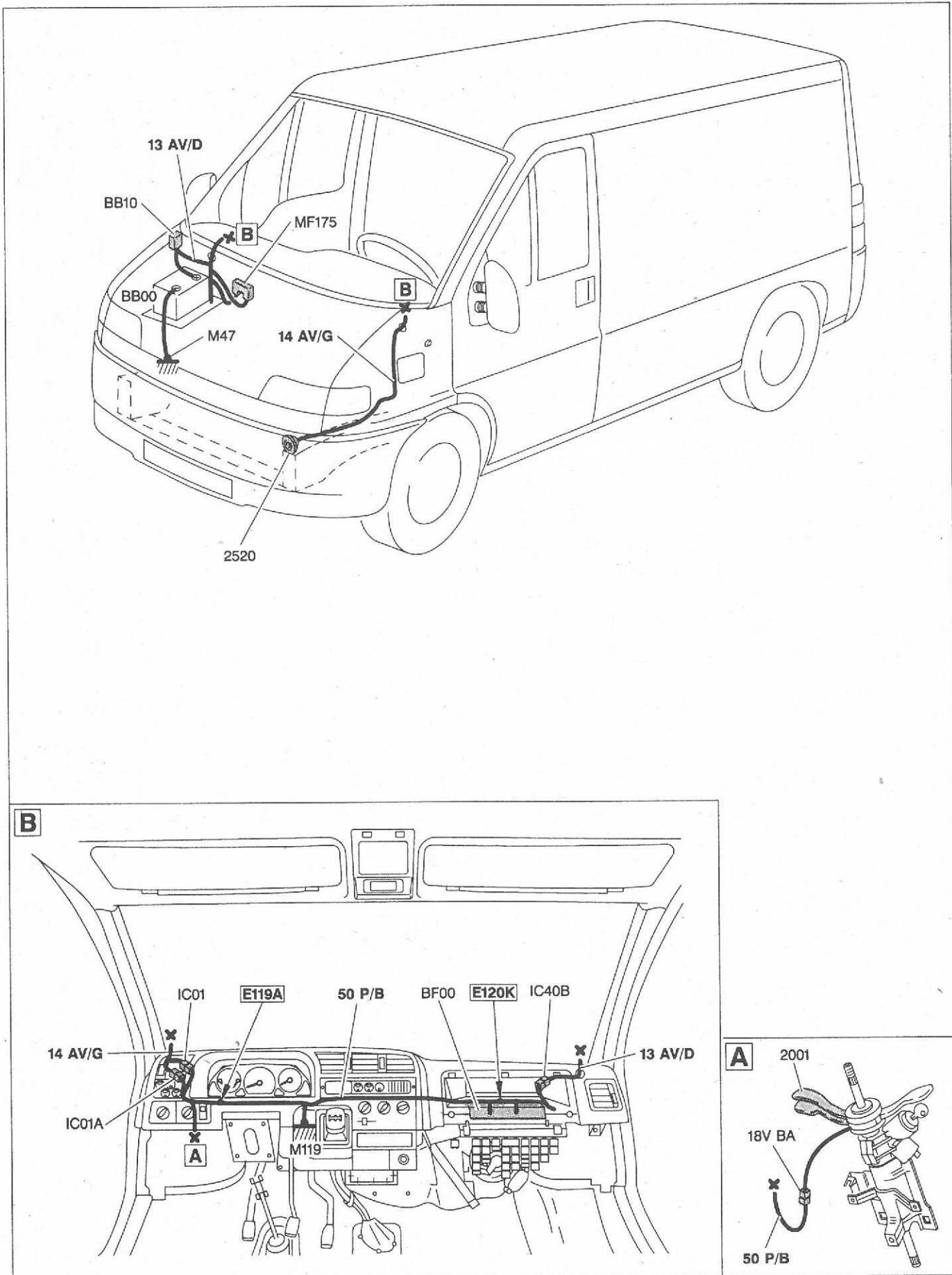


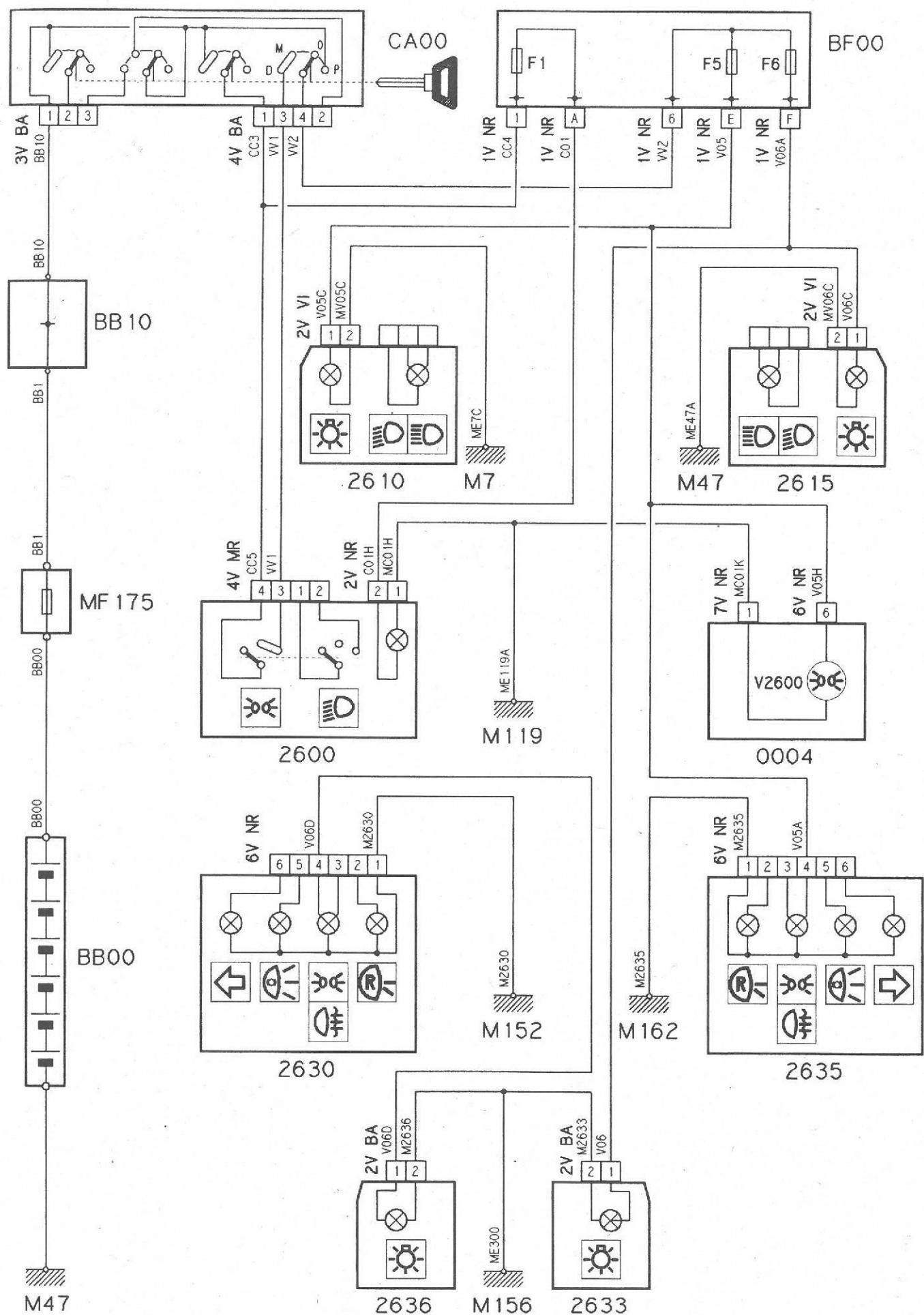
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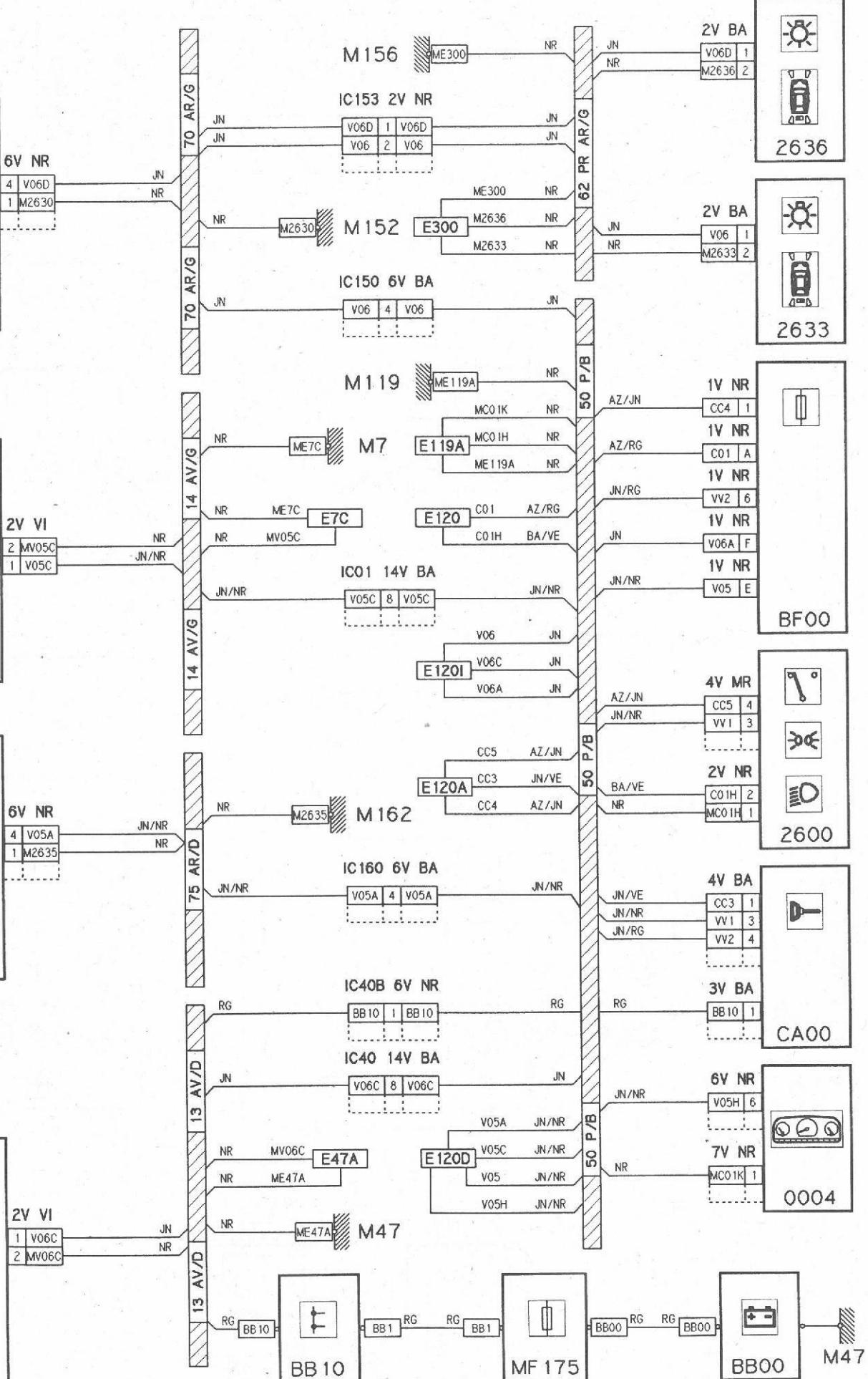
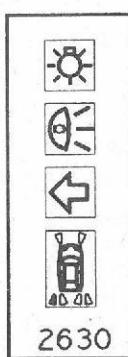
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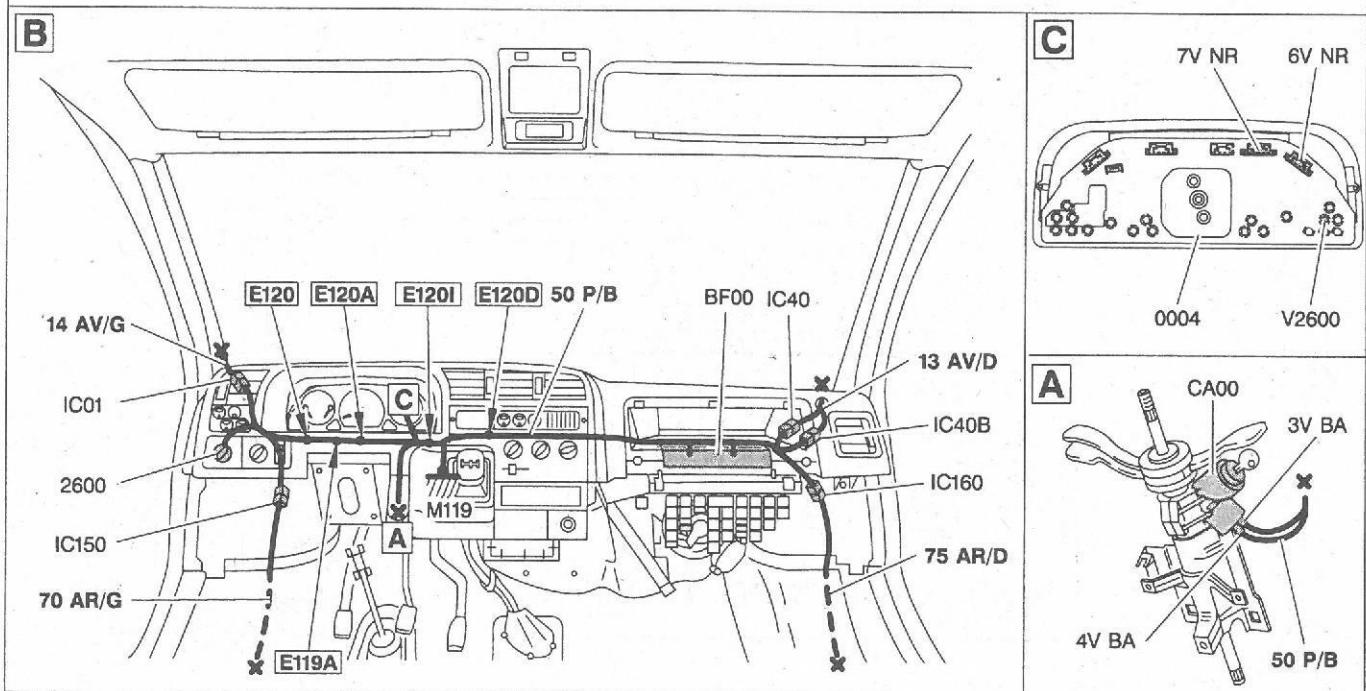
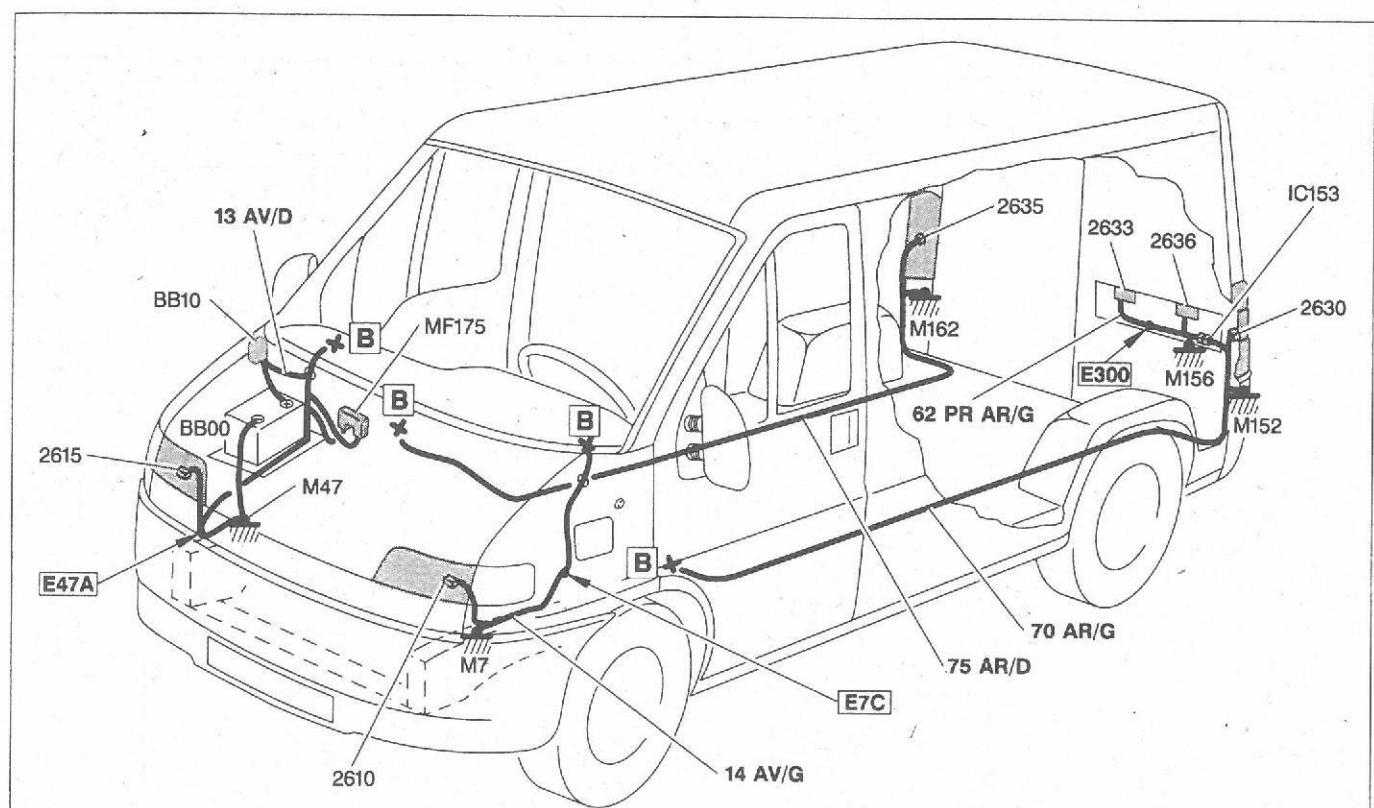
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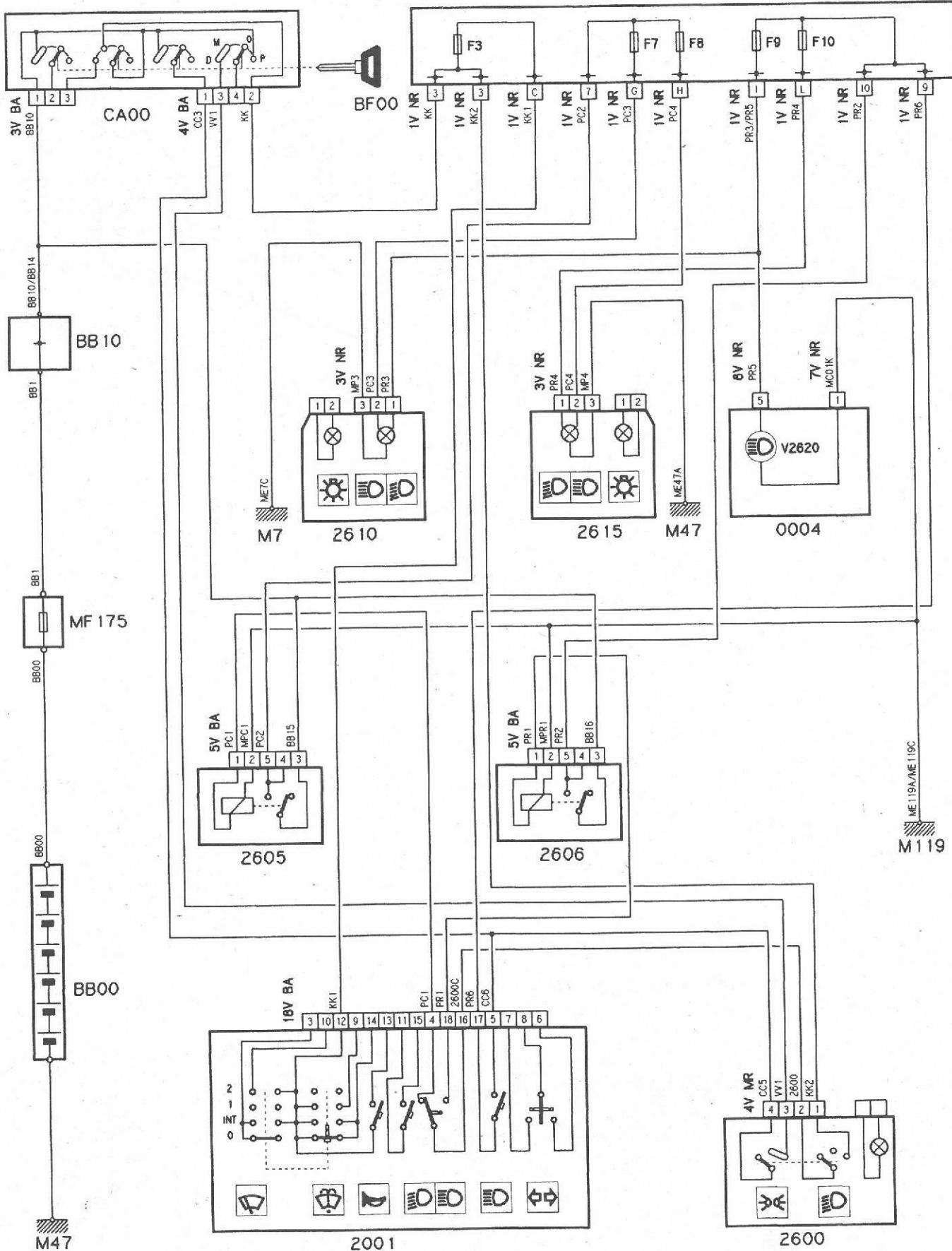


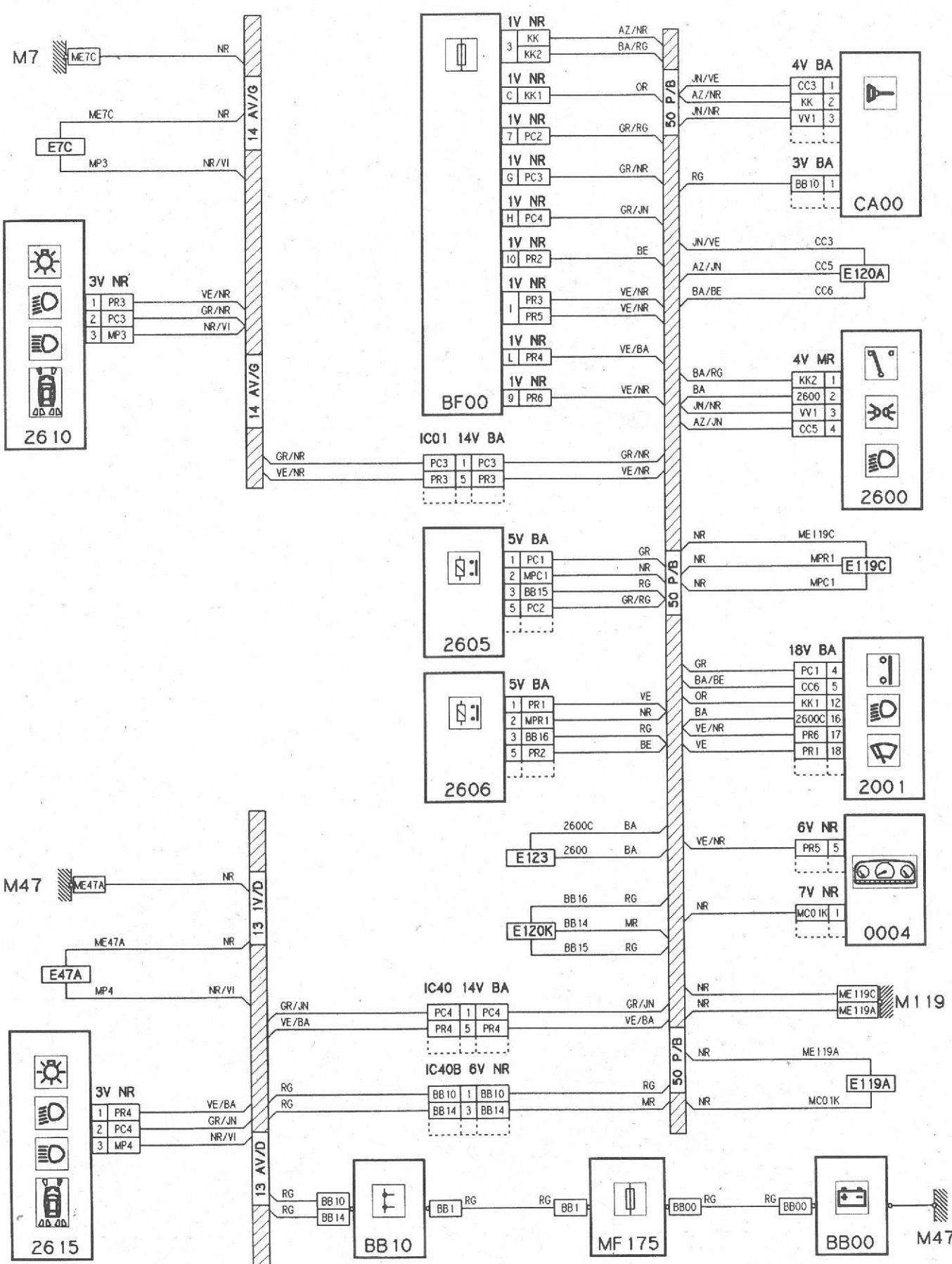


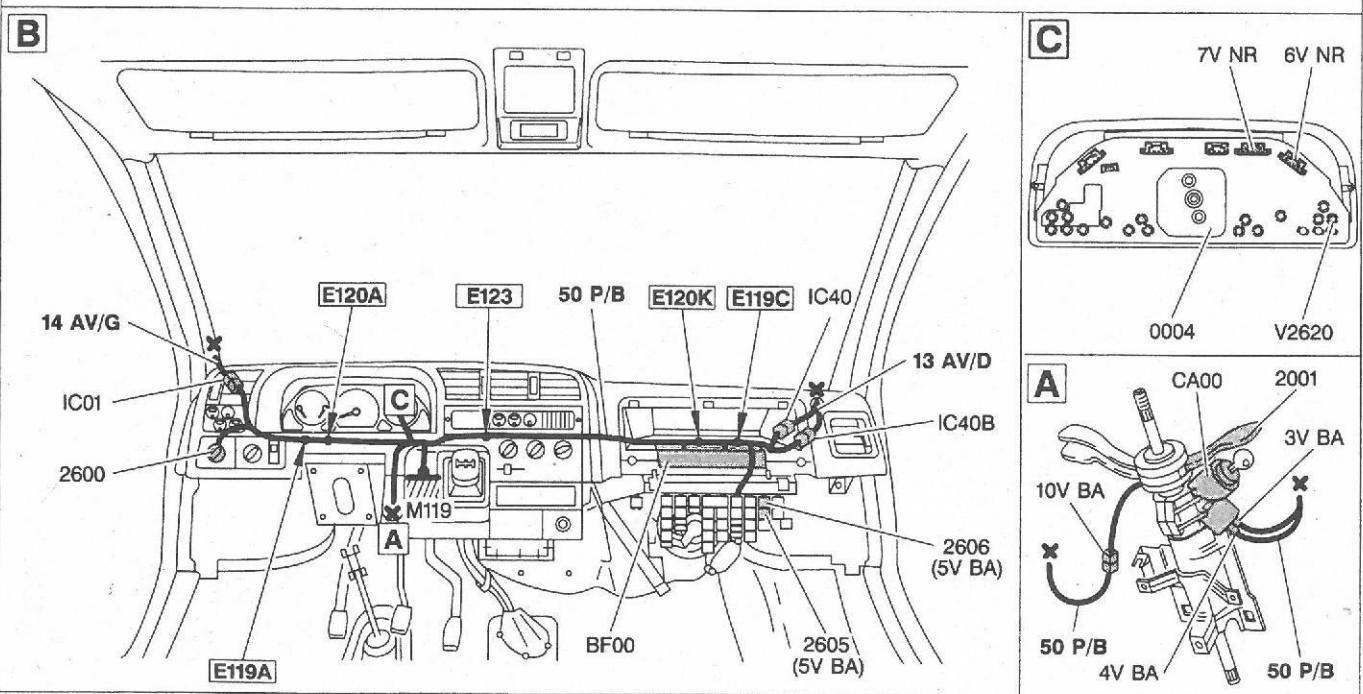
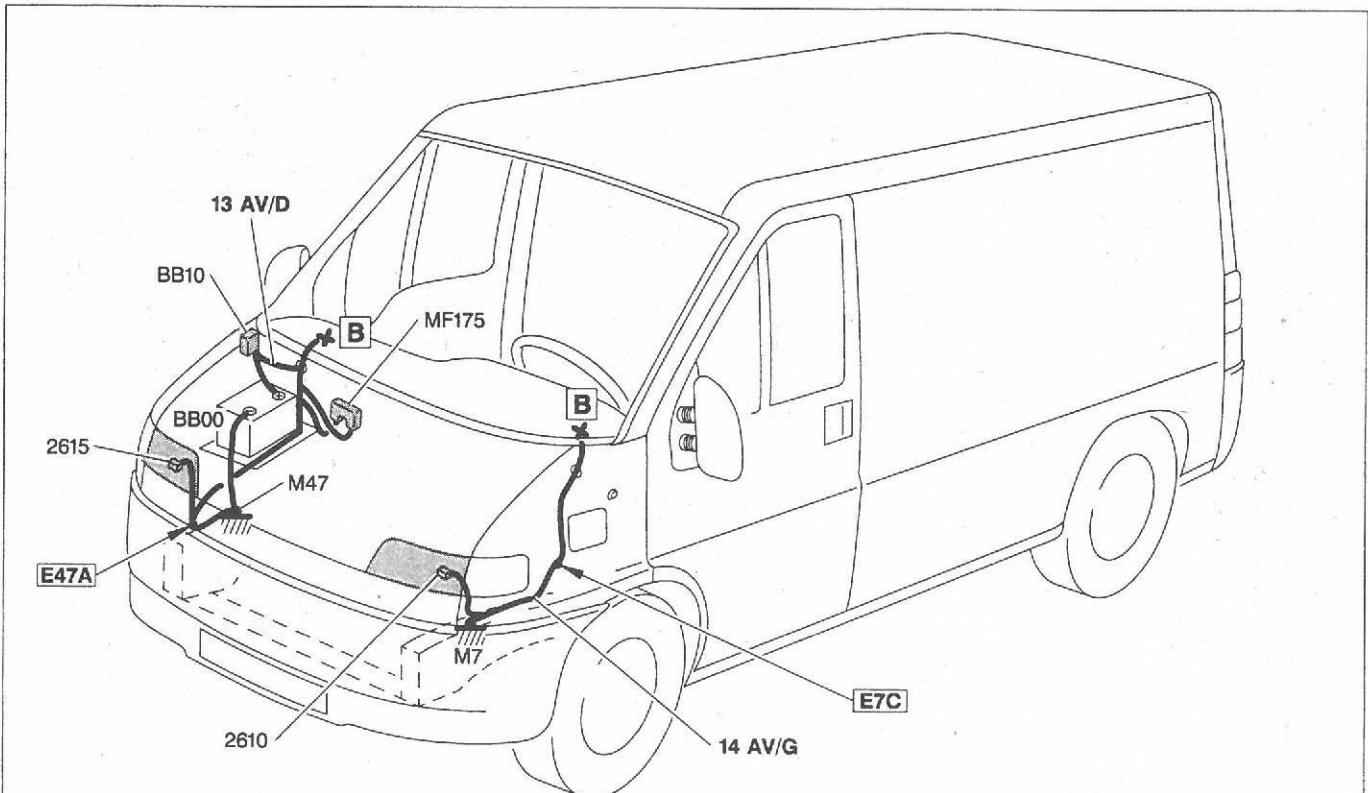


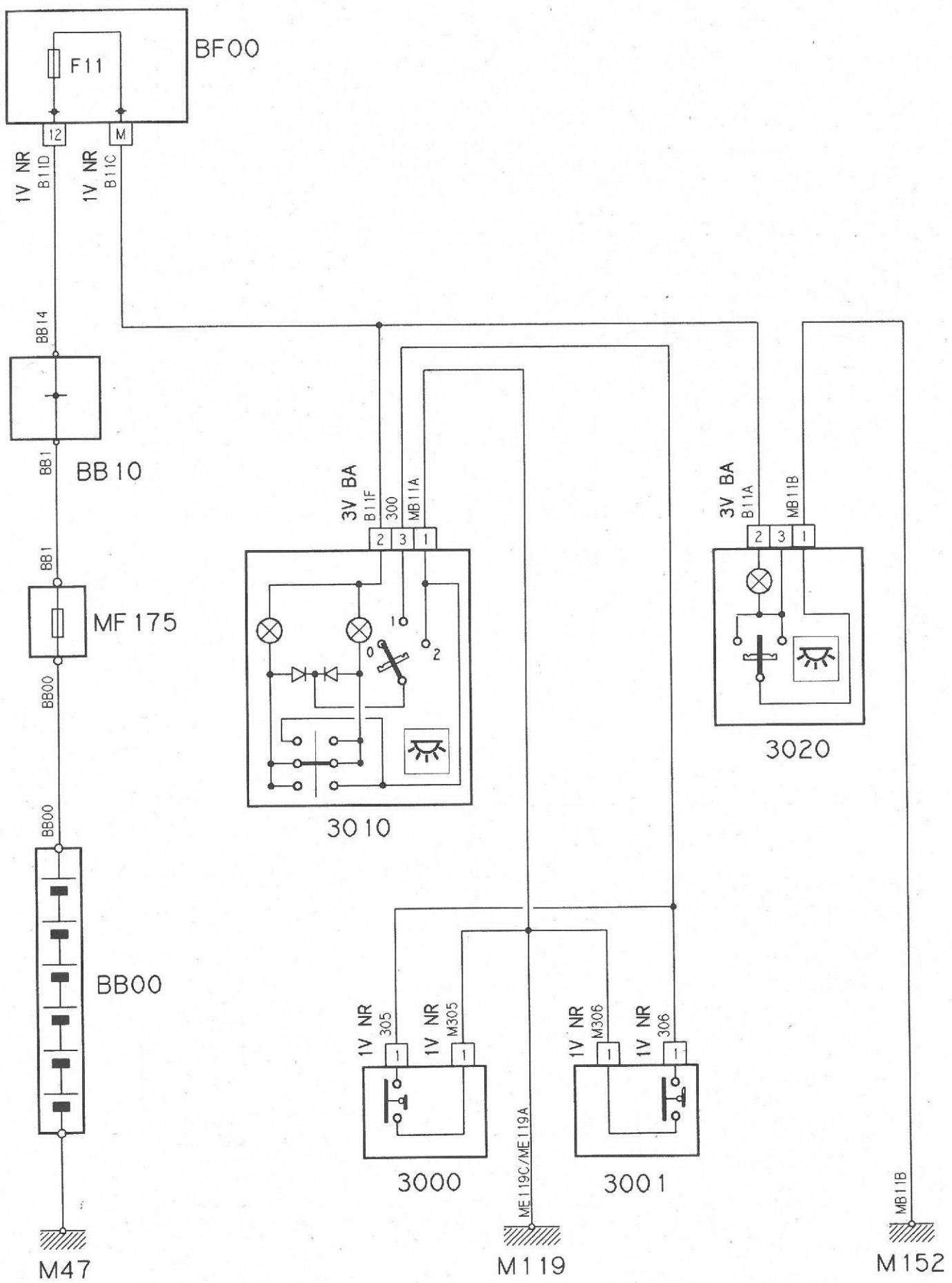


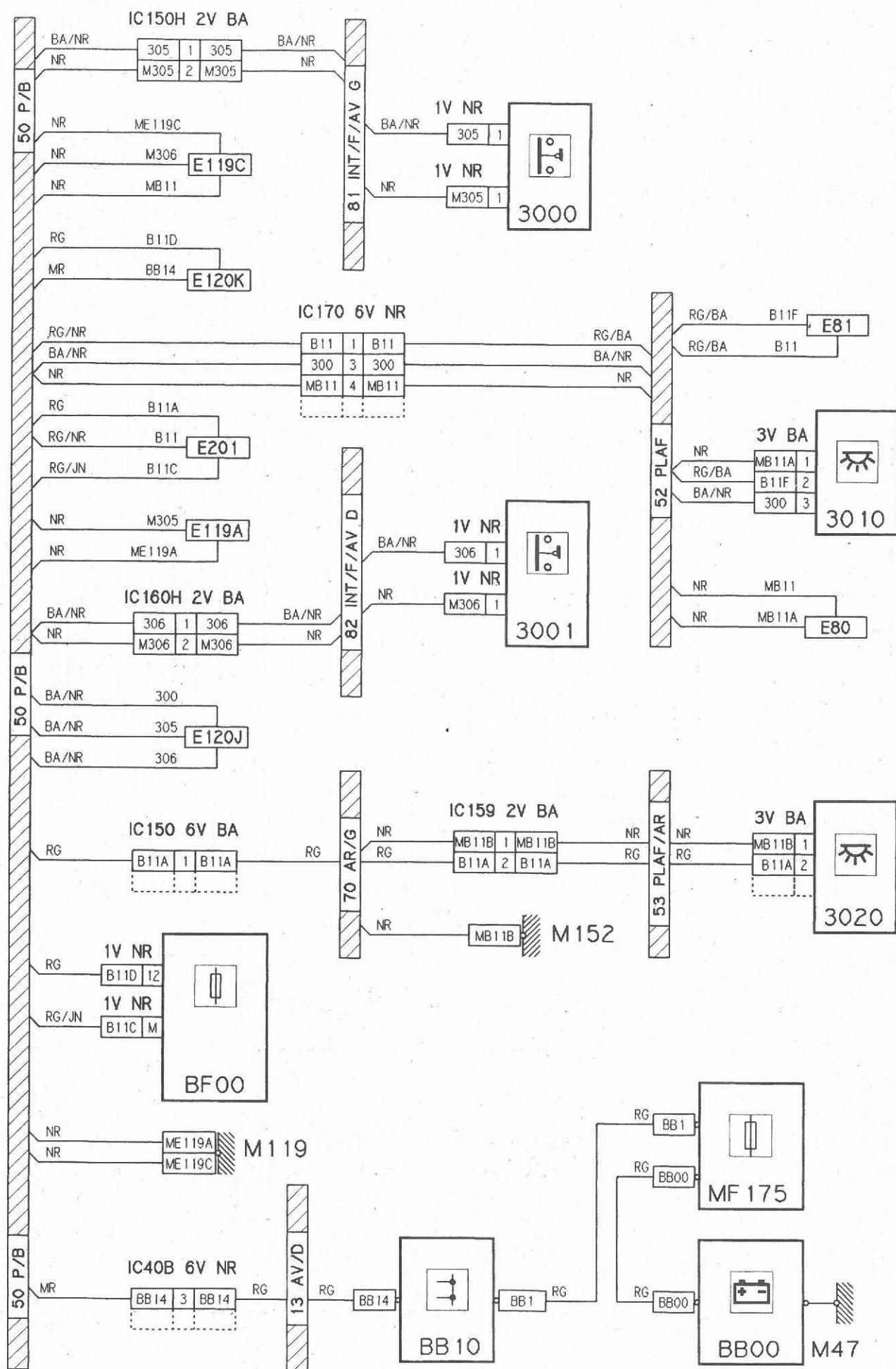


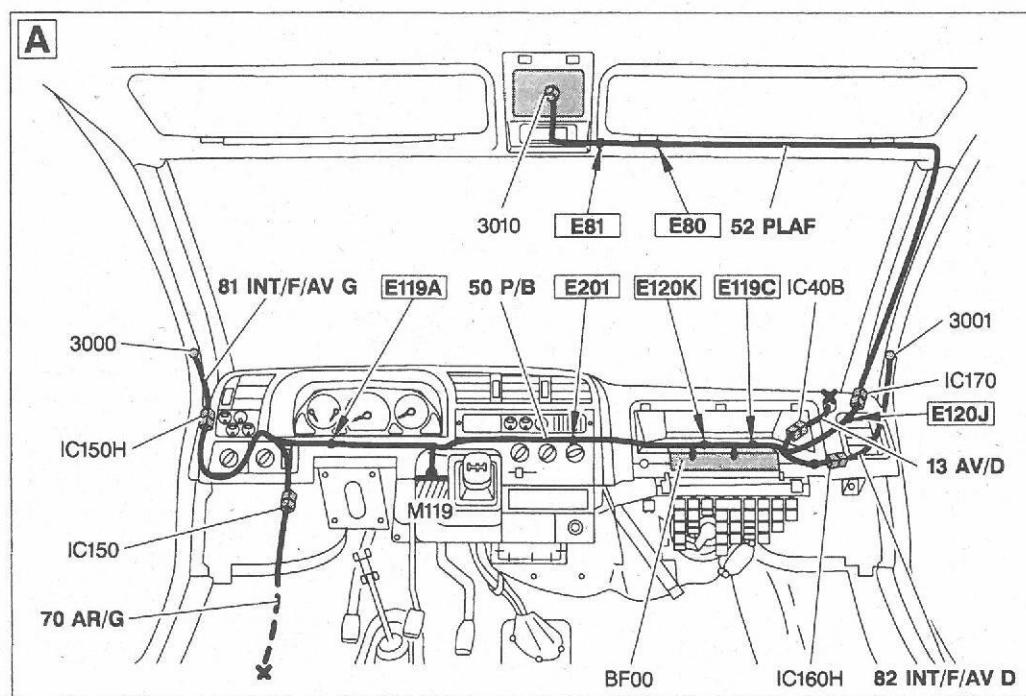
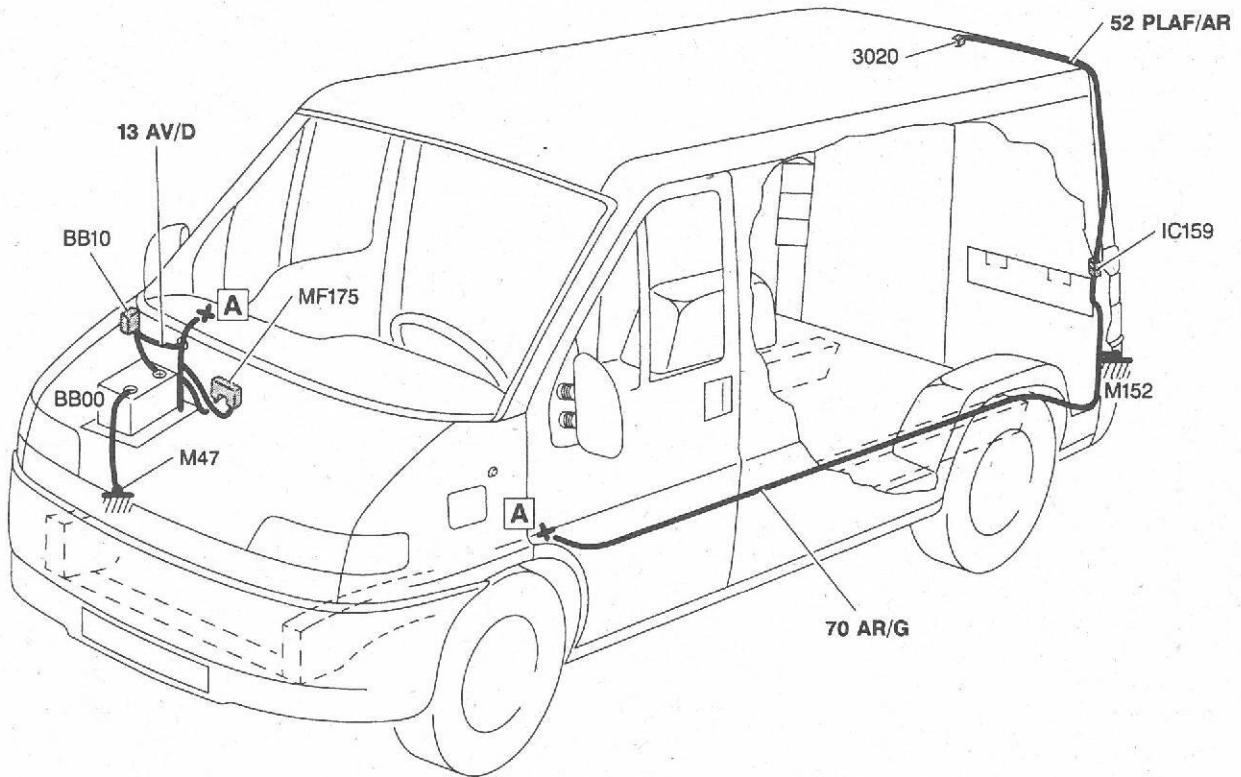


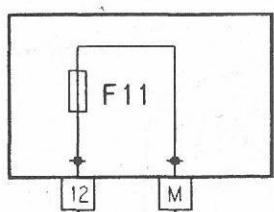












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B11D

1V NR
B11/B11A

F11

12

M

BB14

BB1

BB10

BB00

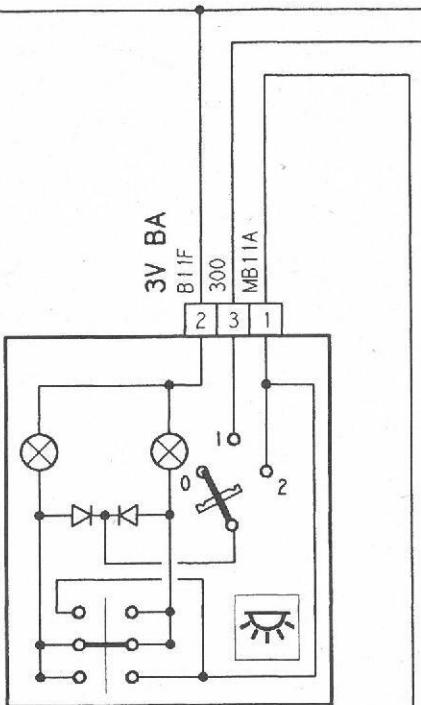
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MF 175

BB00

BB00

M47



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B11F

2 3 1

300 MB11A

BB00

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3000

ME119C/ME119A

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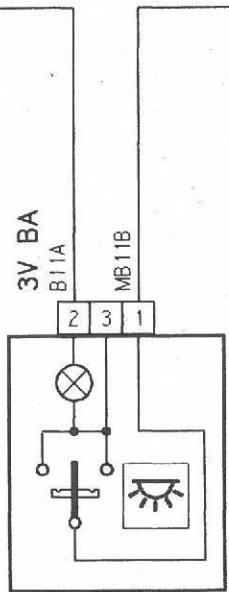
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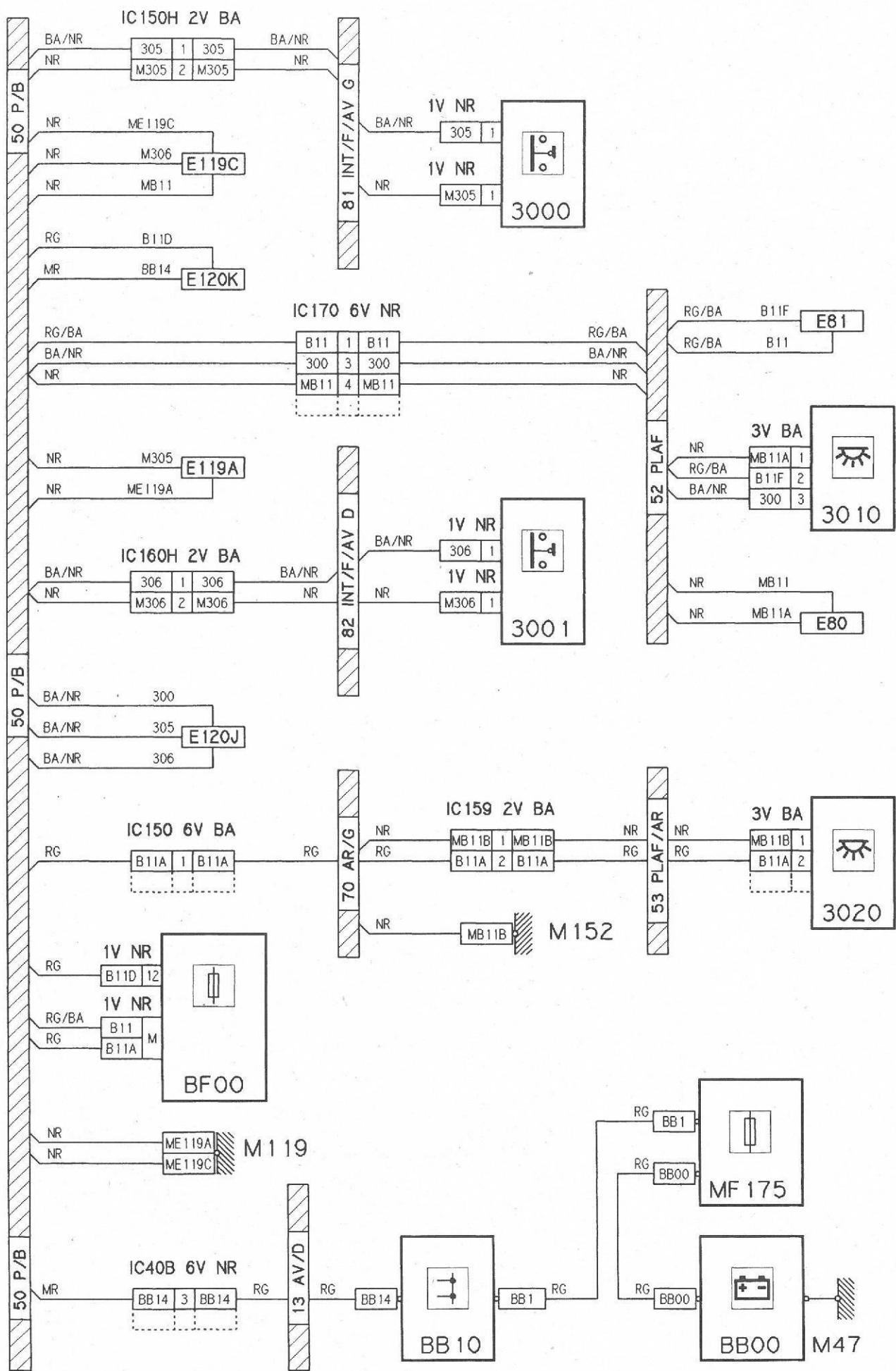
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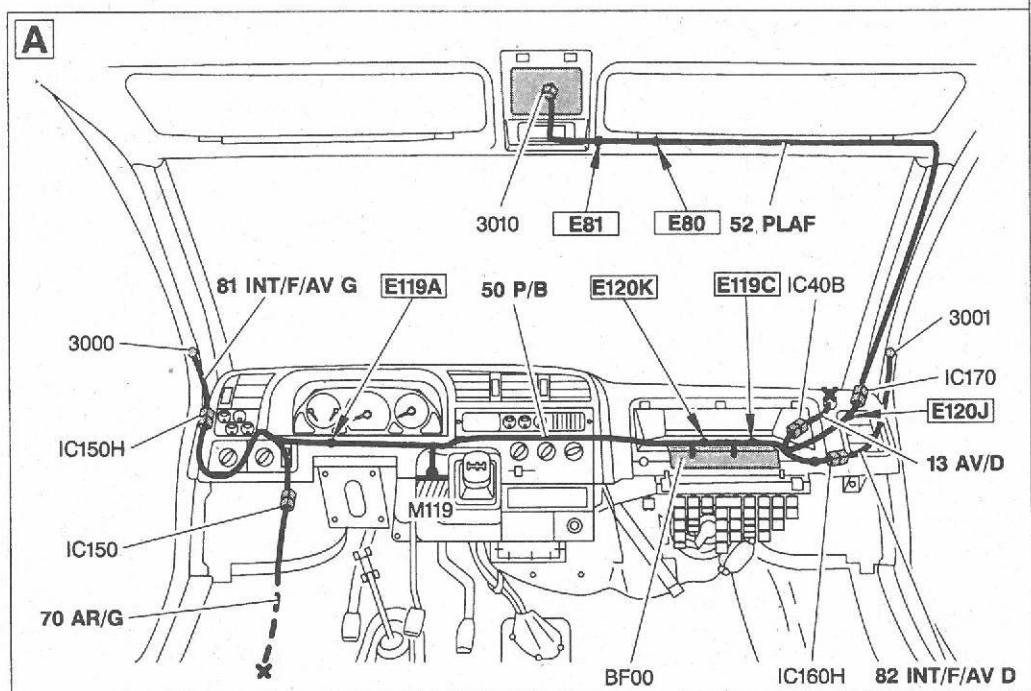
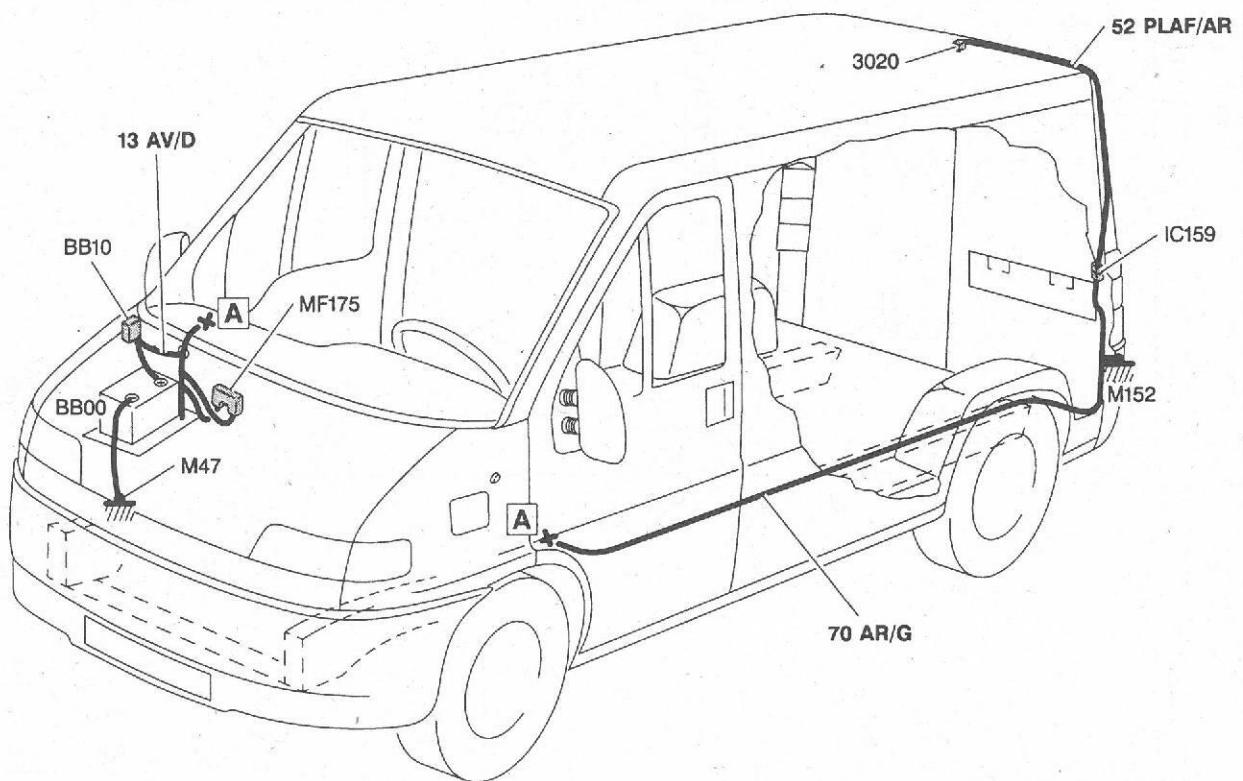


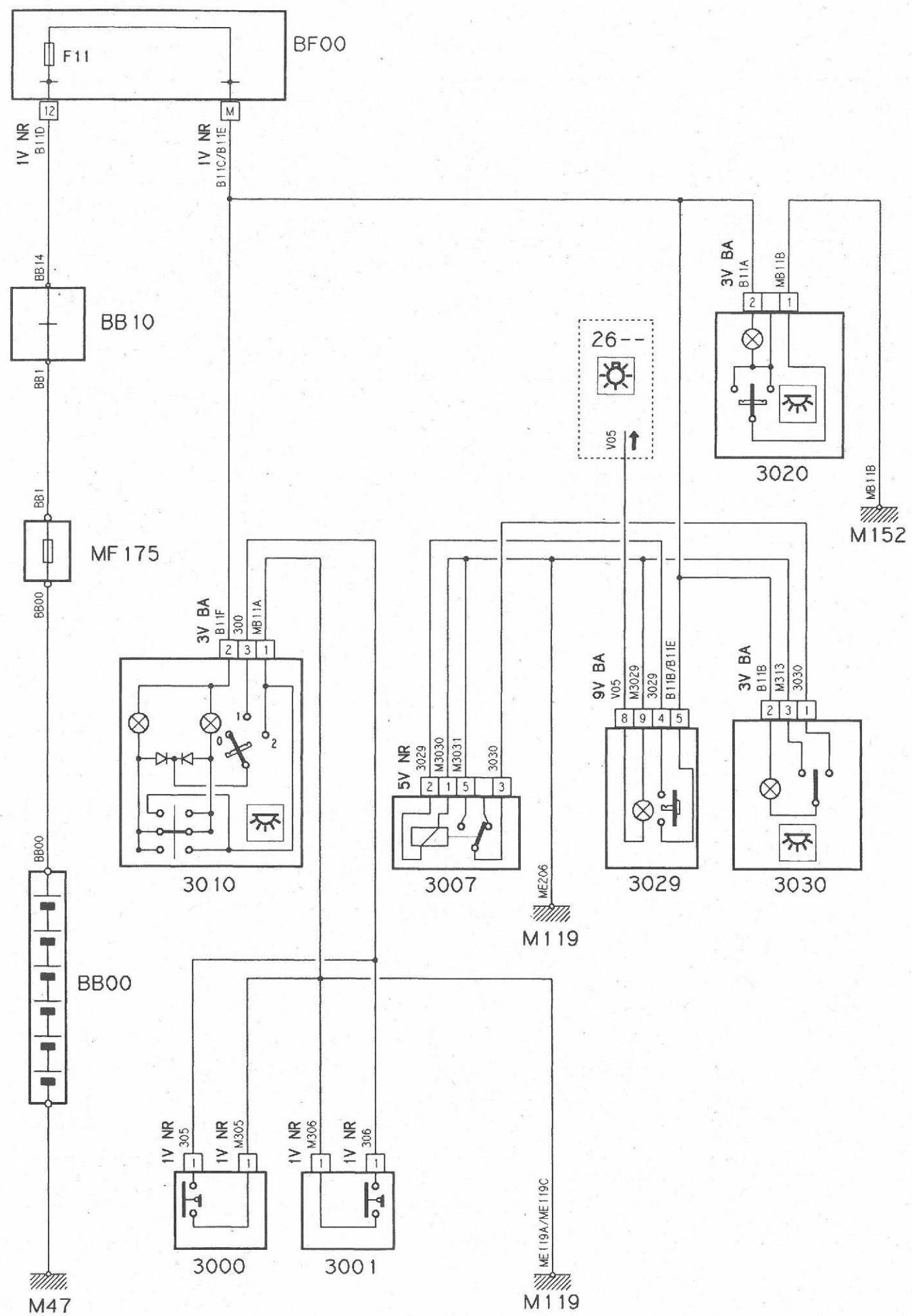
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B11A

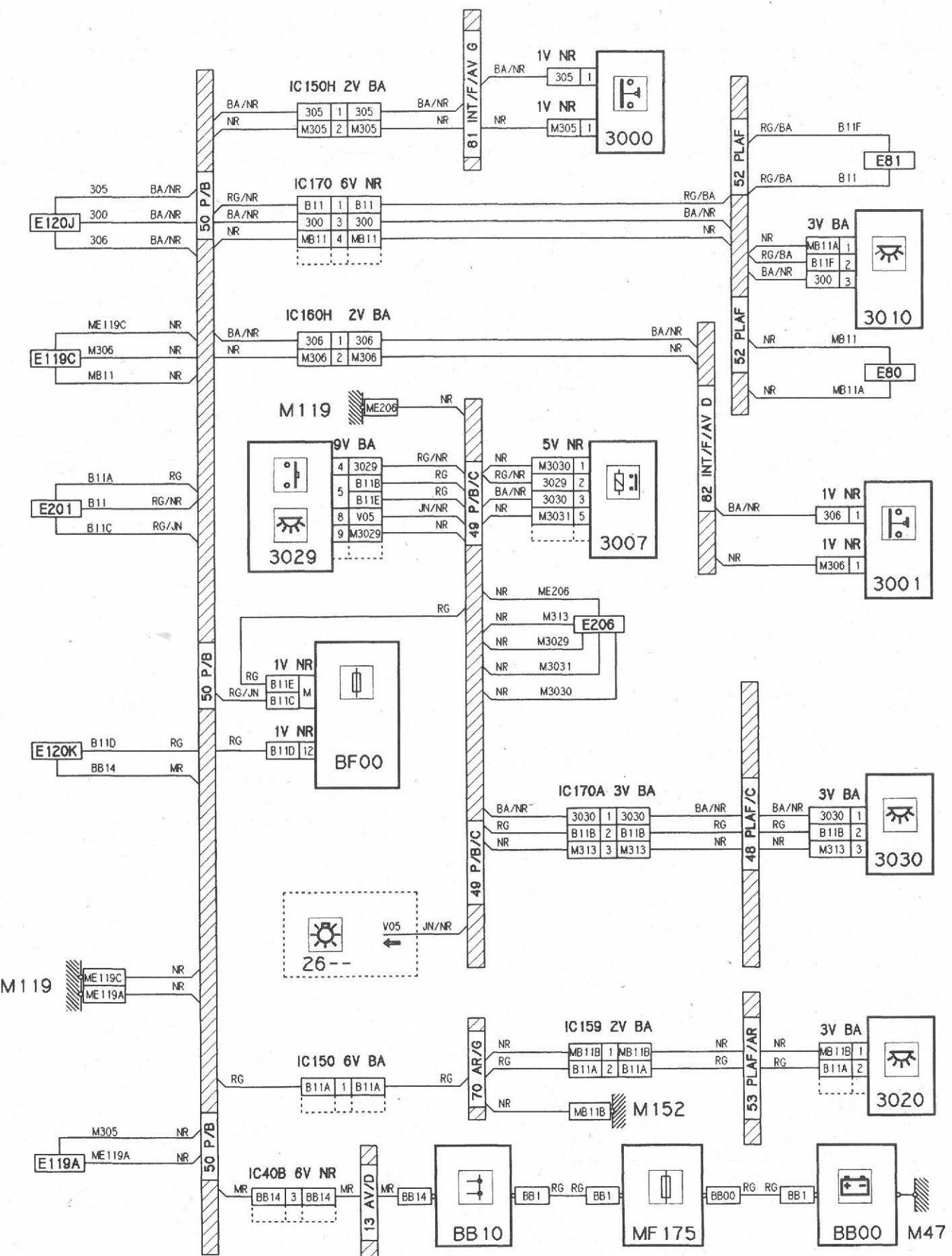
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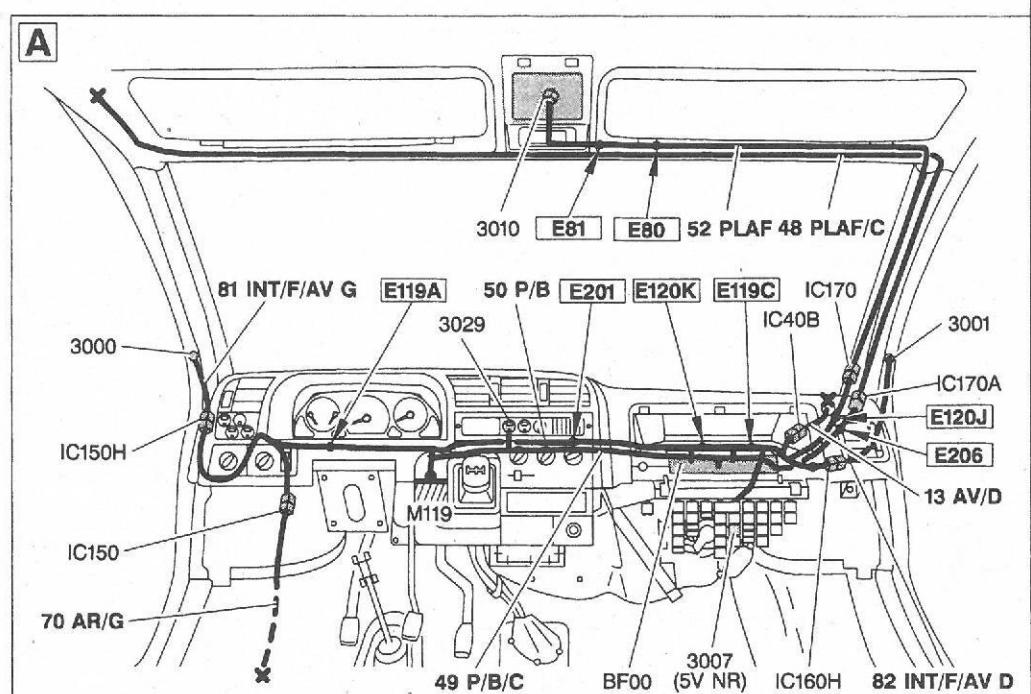
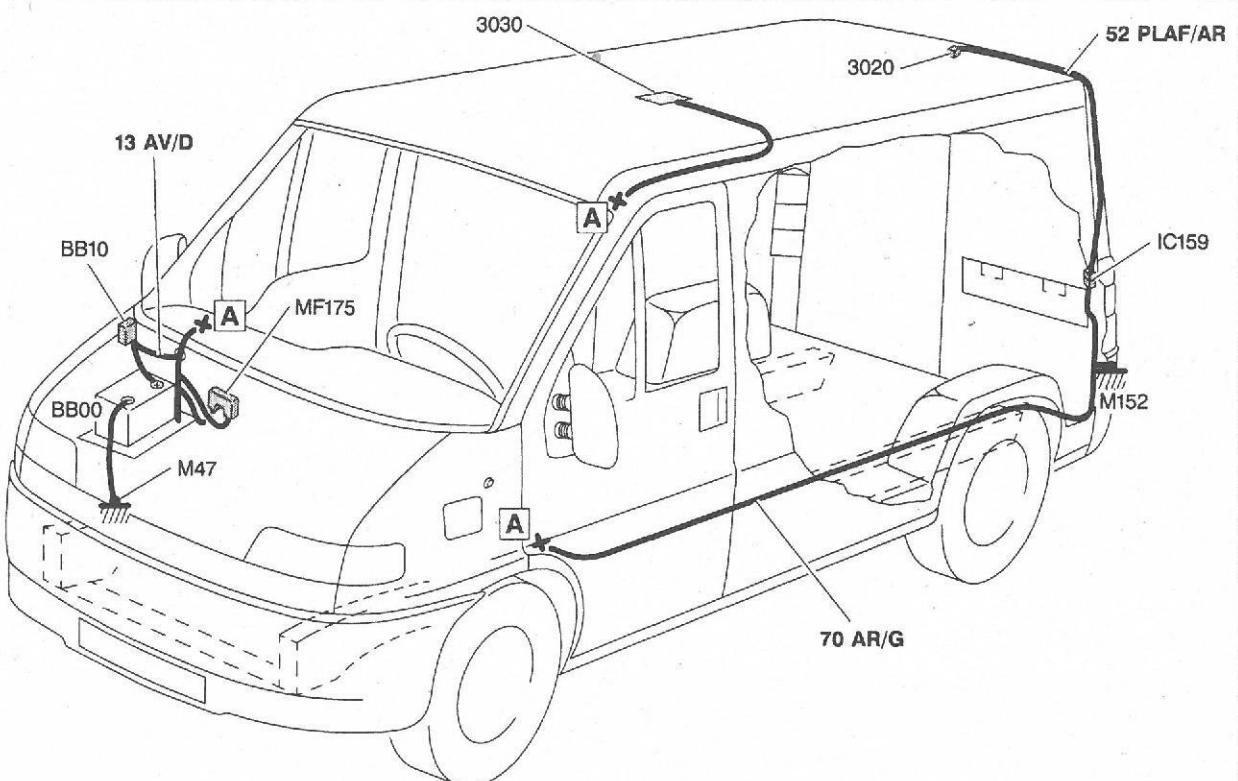
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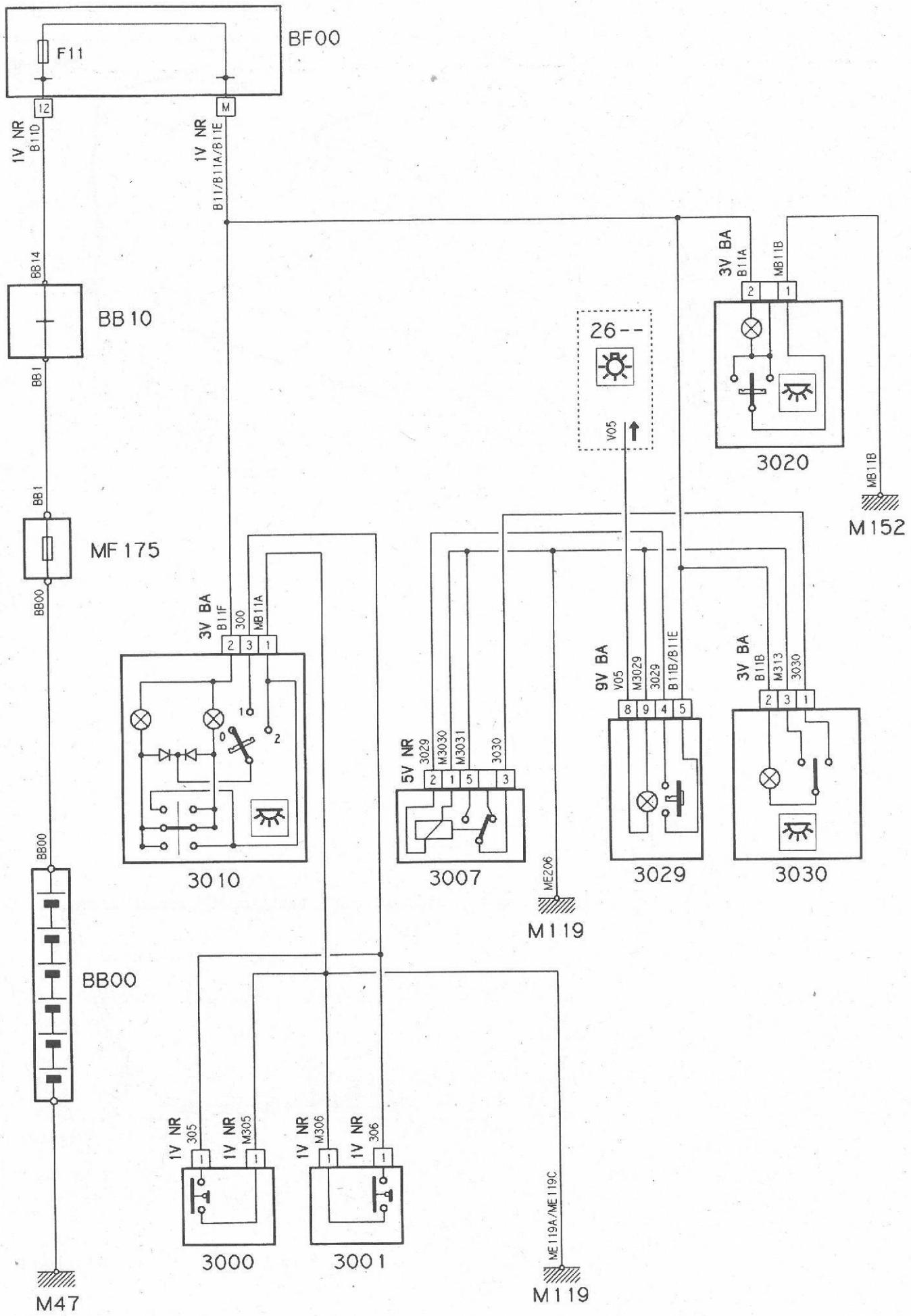


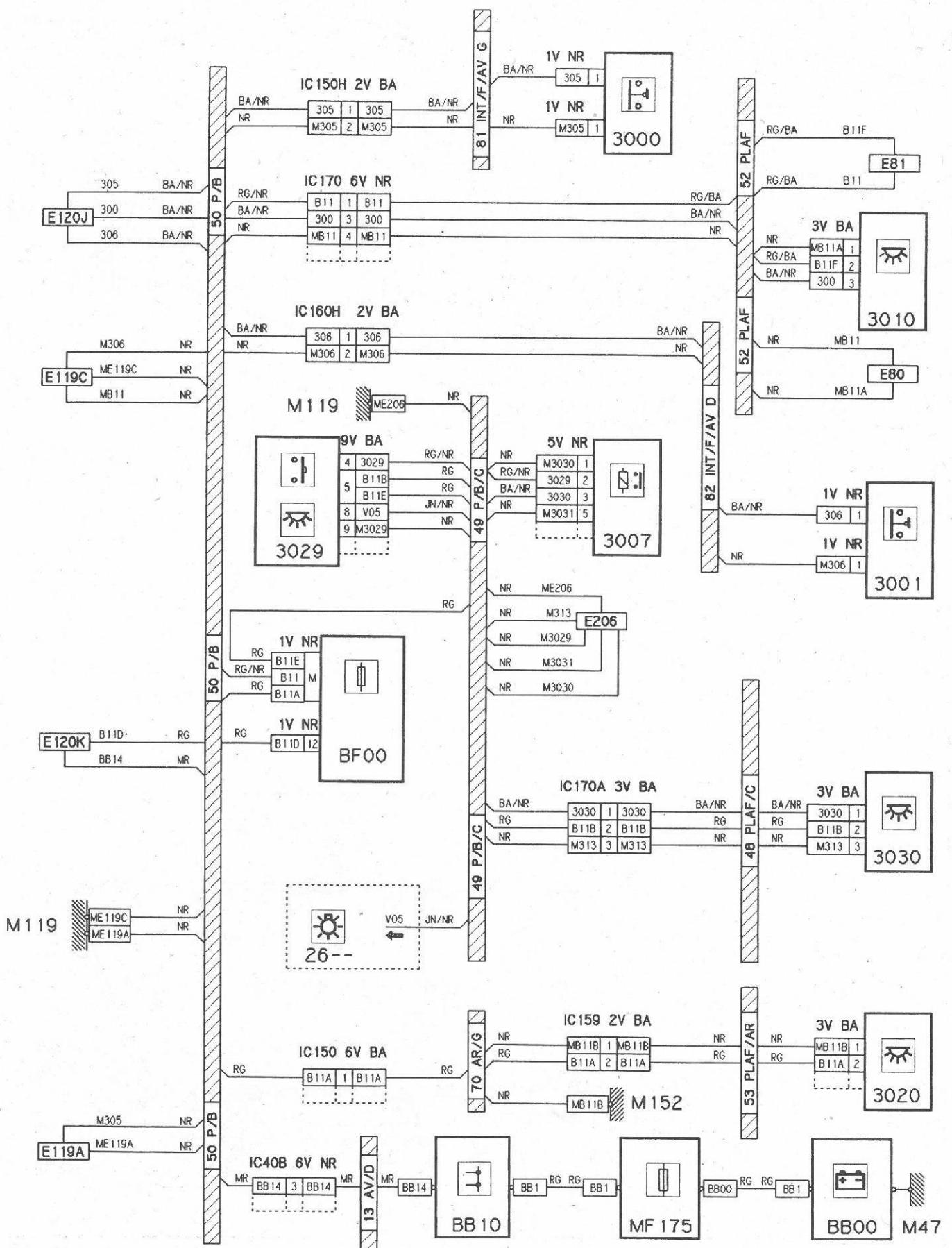


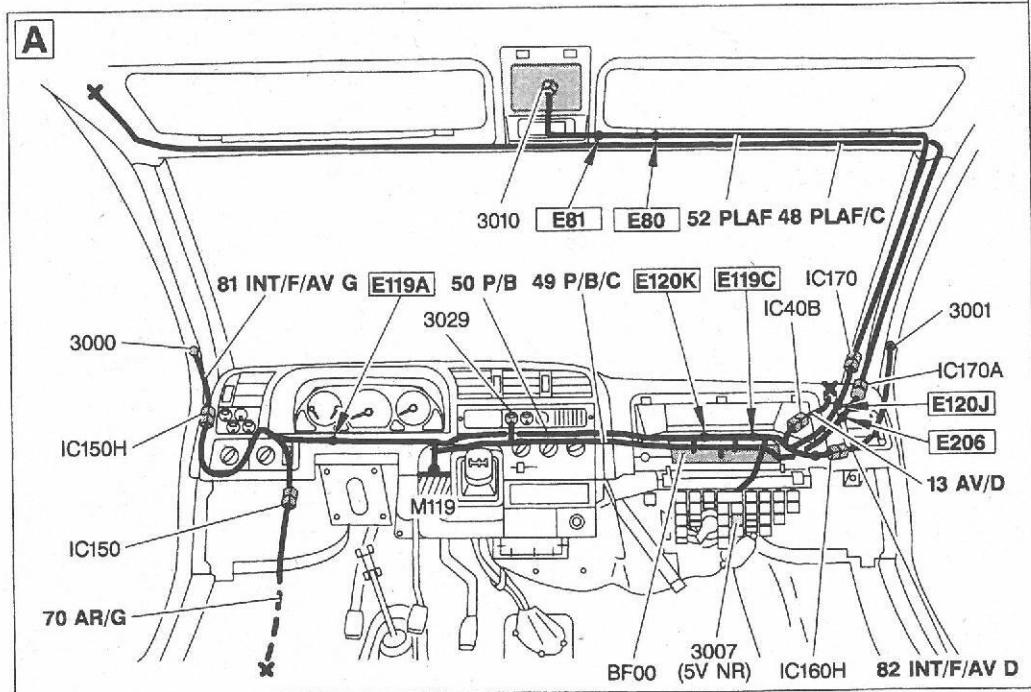
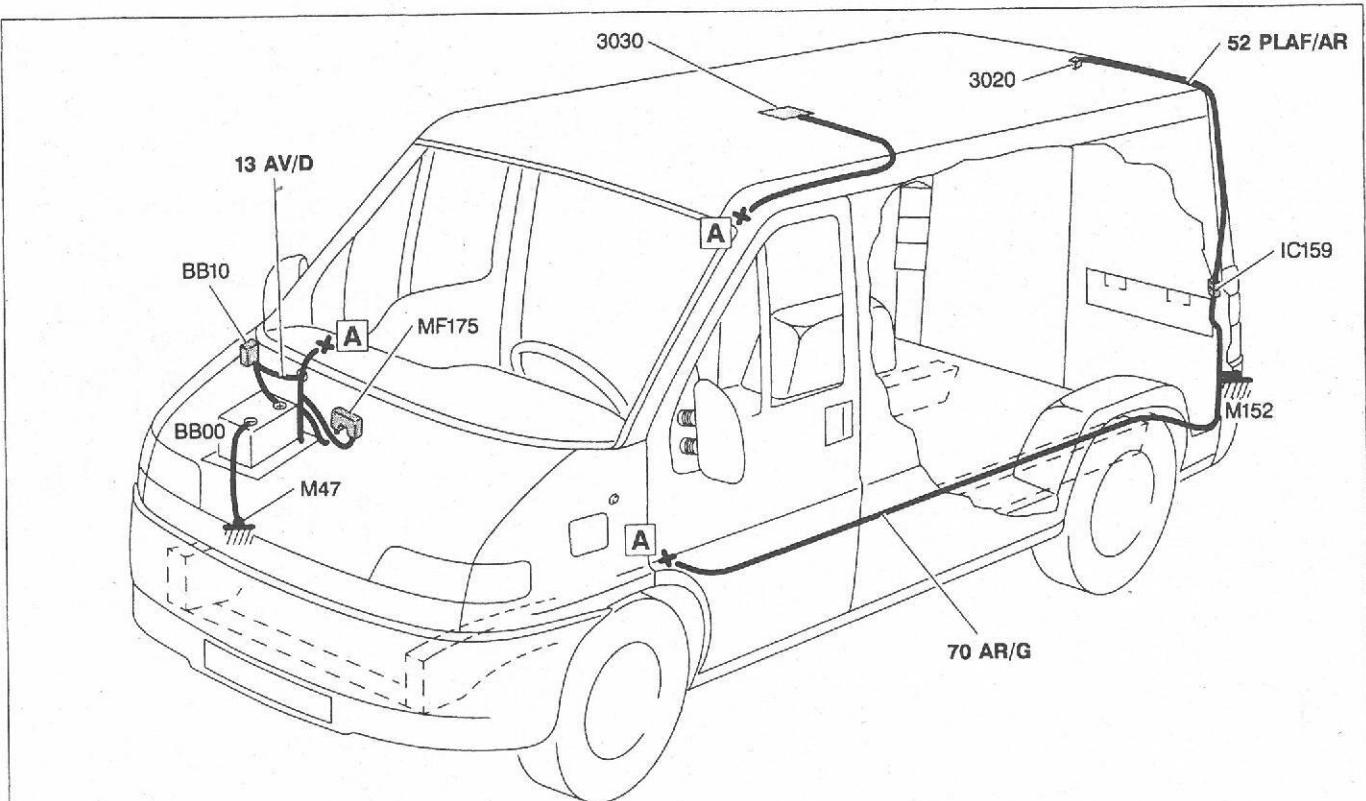


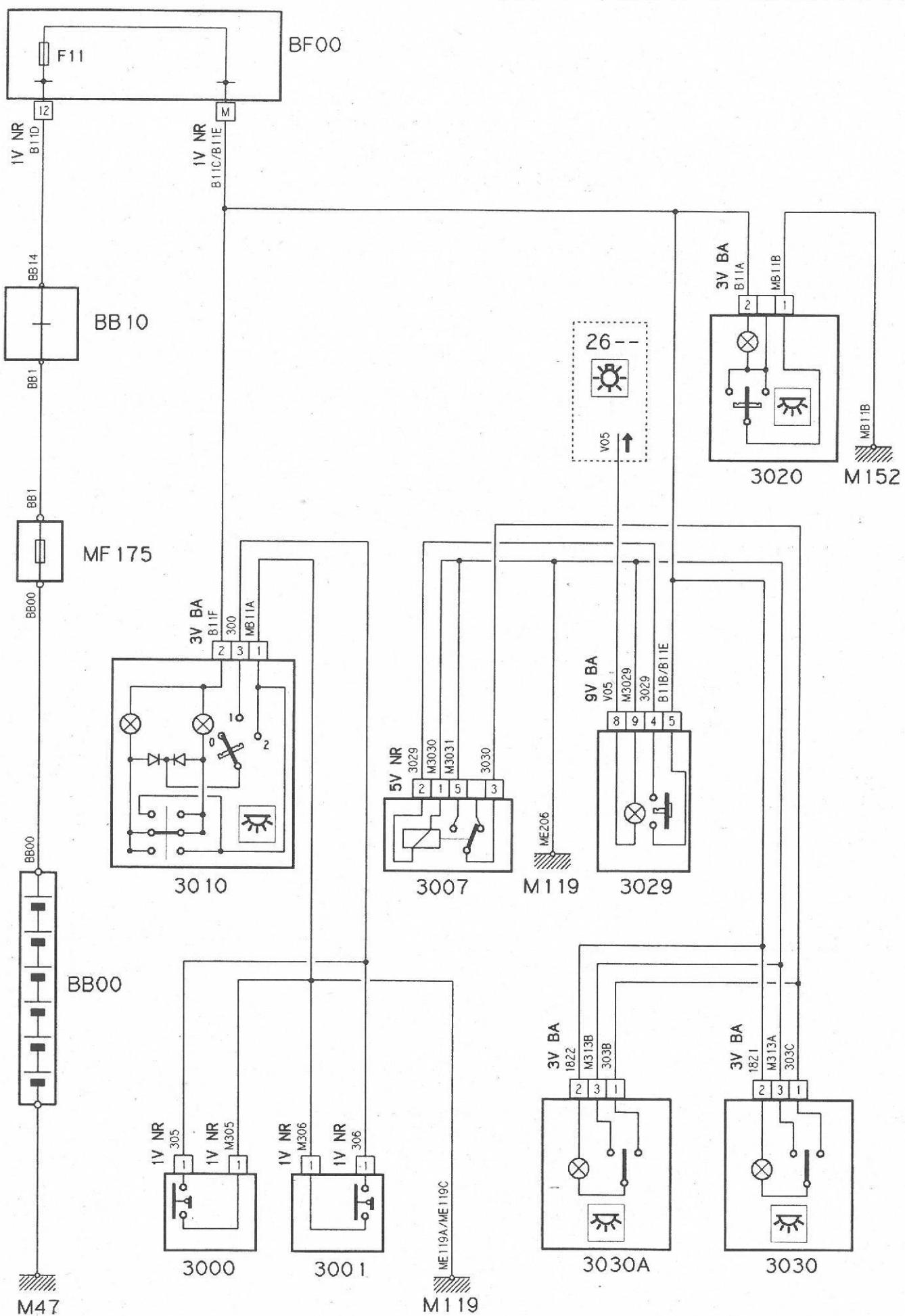


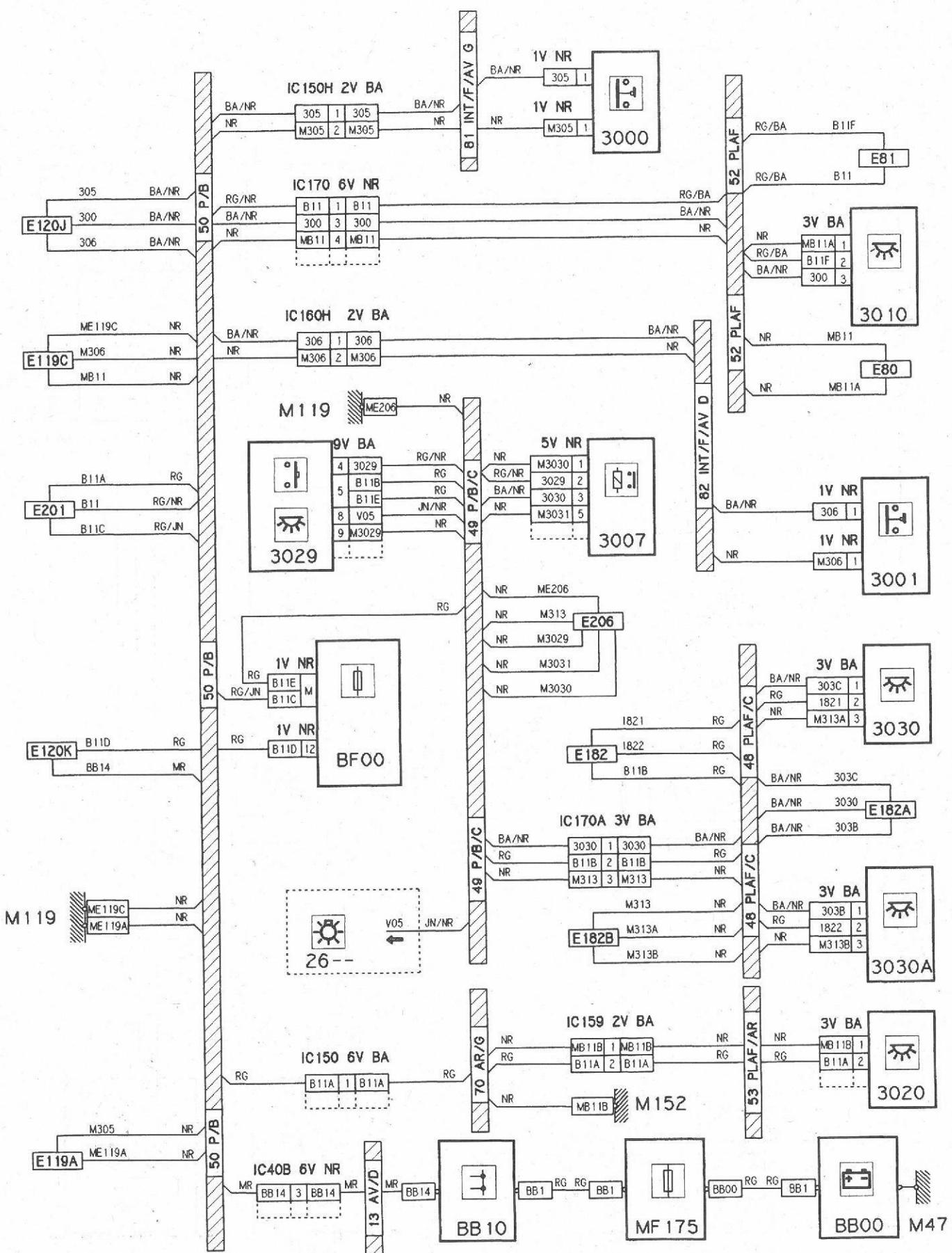


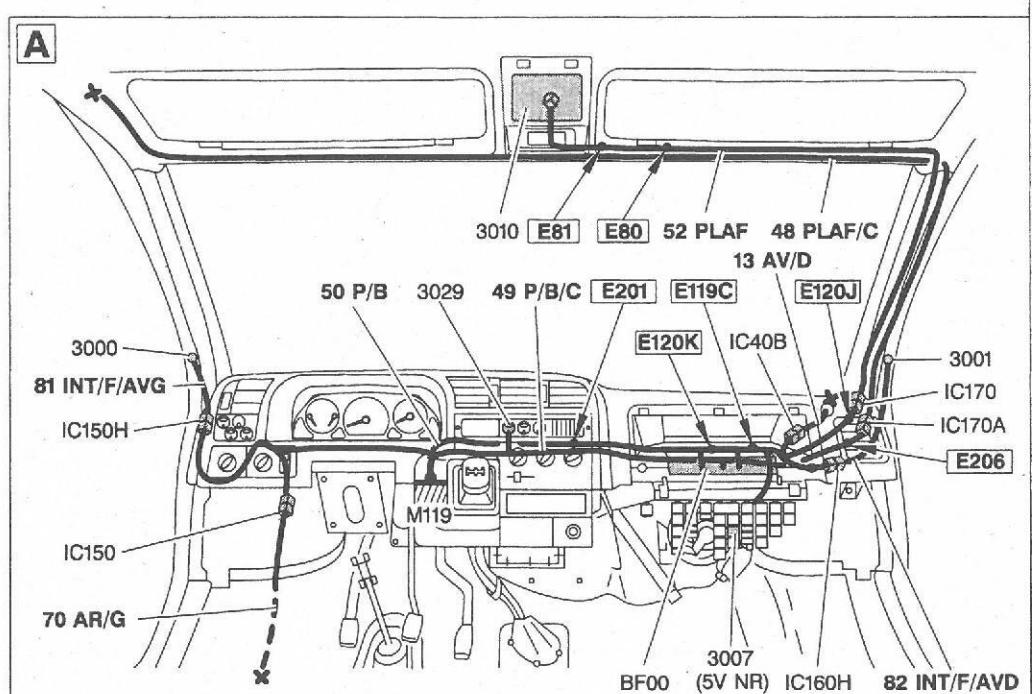
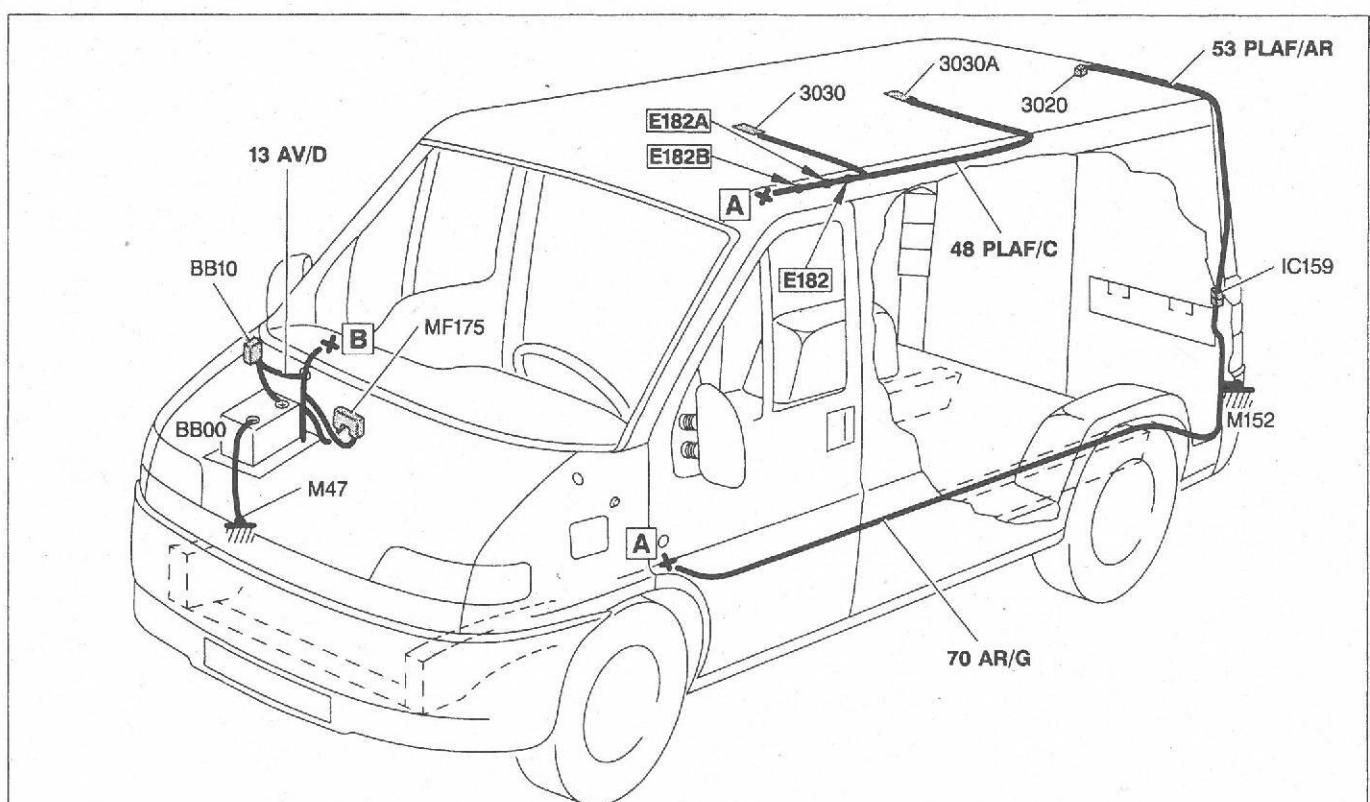


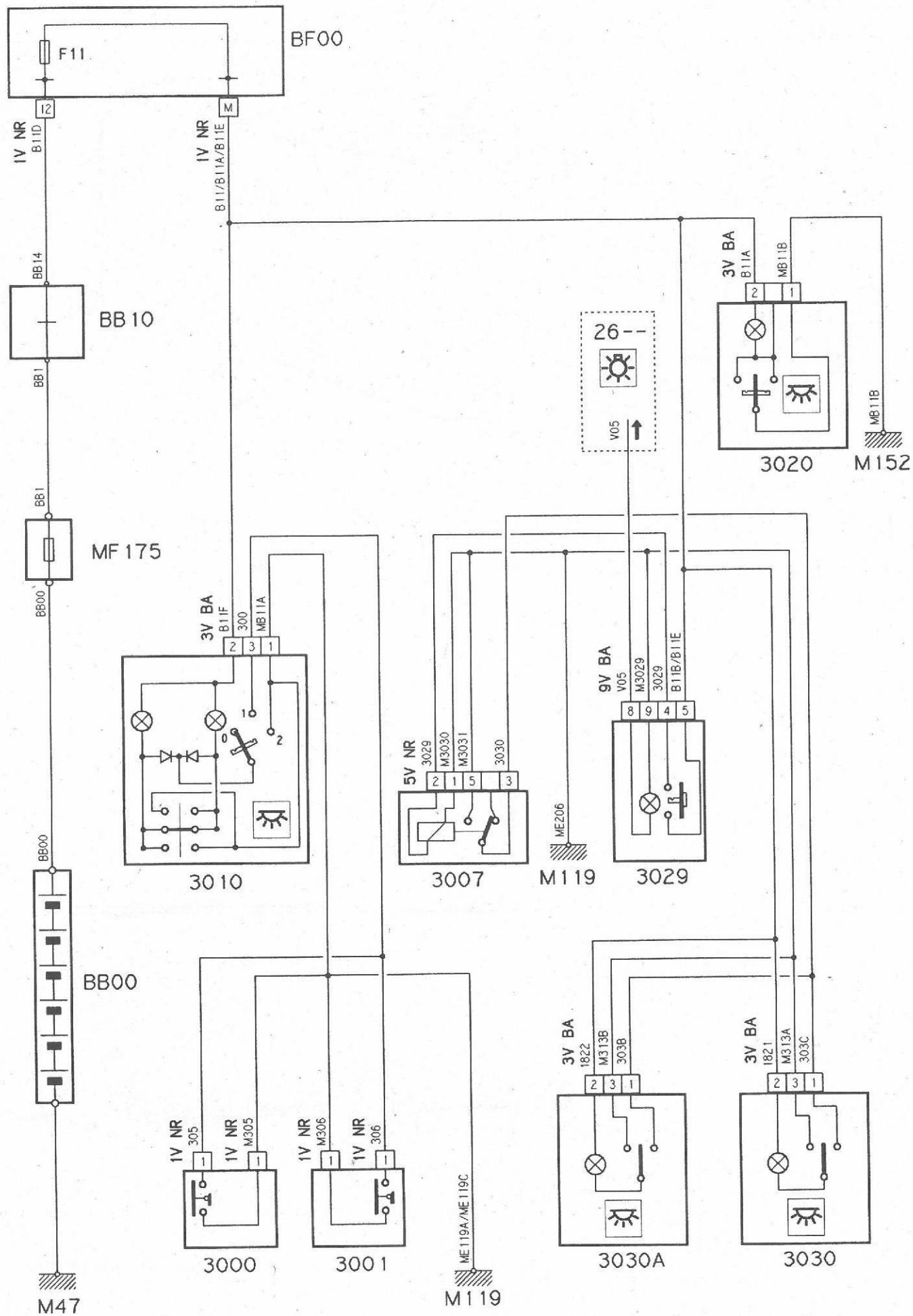


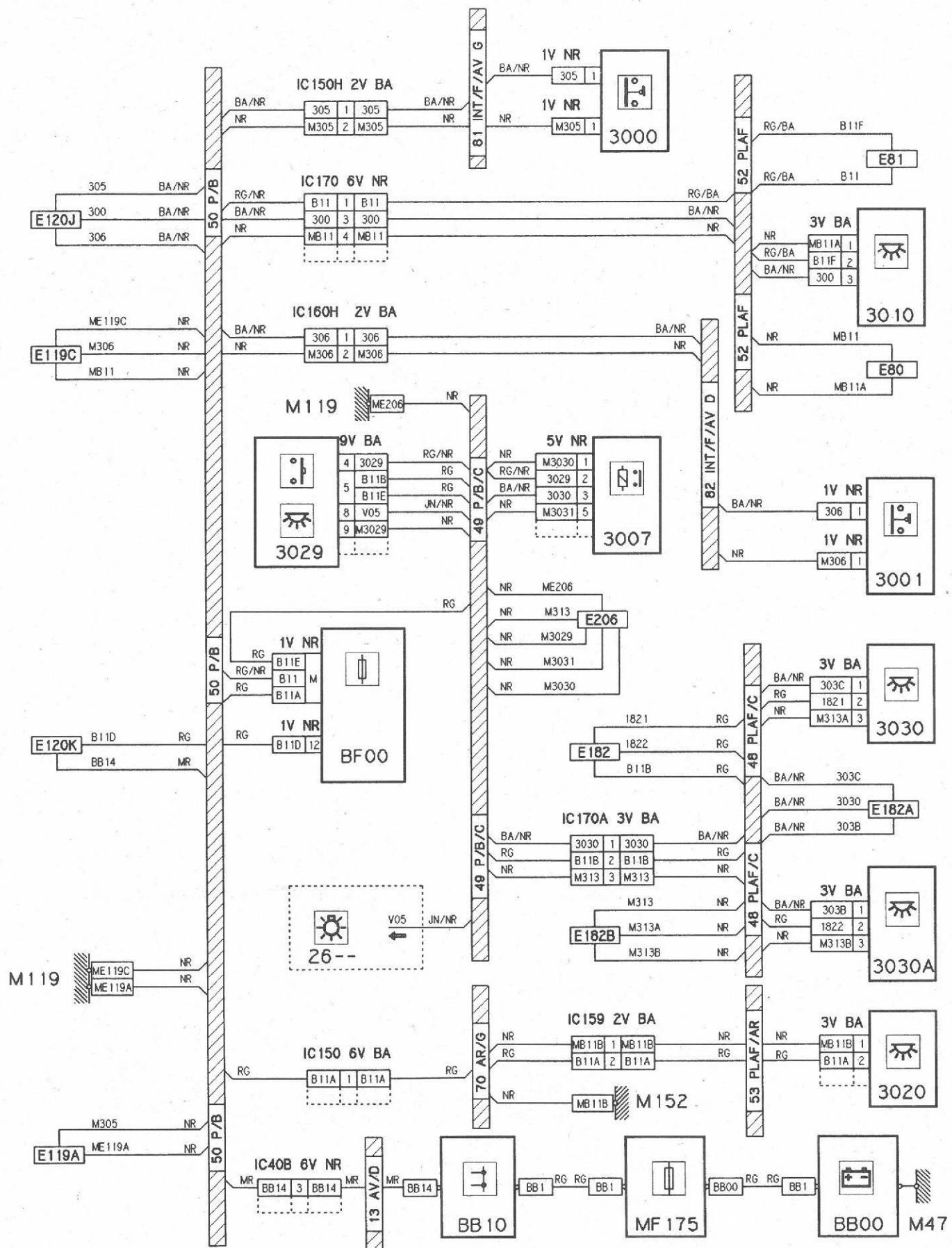


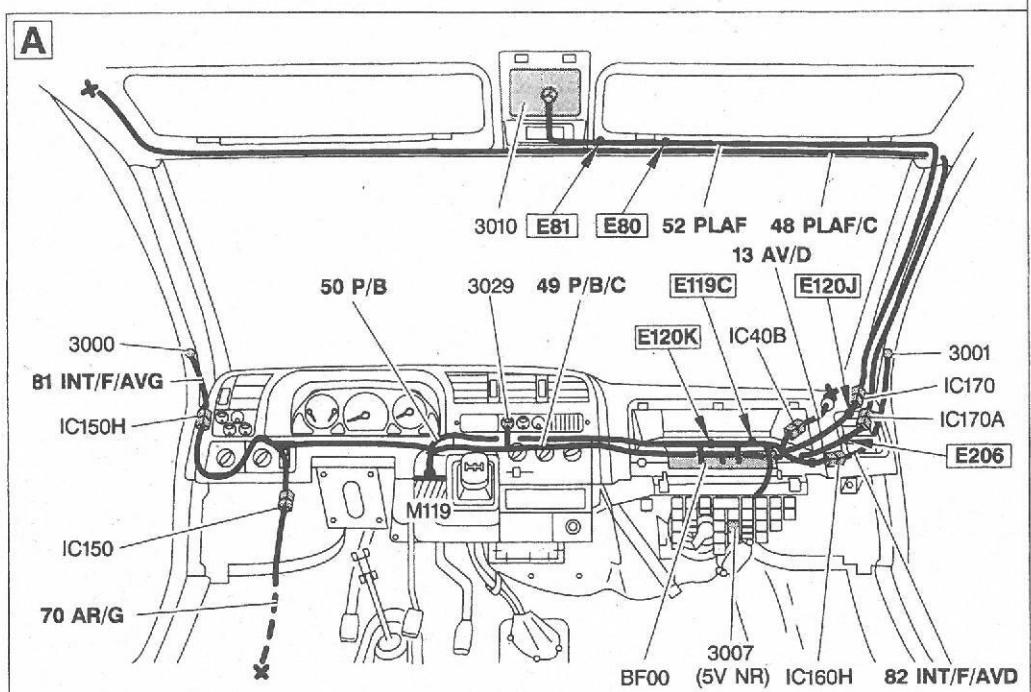
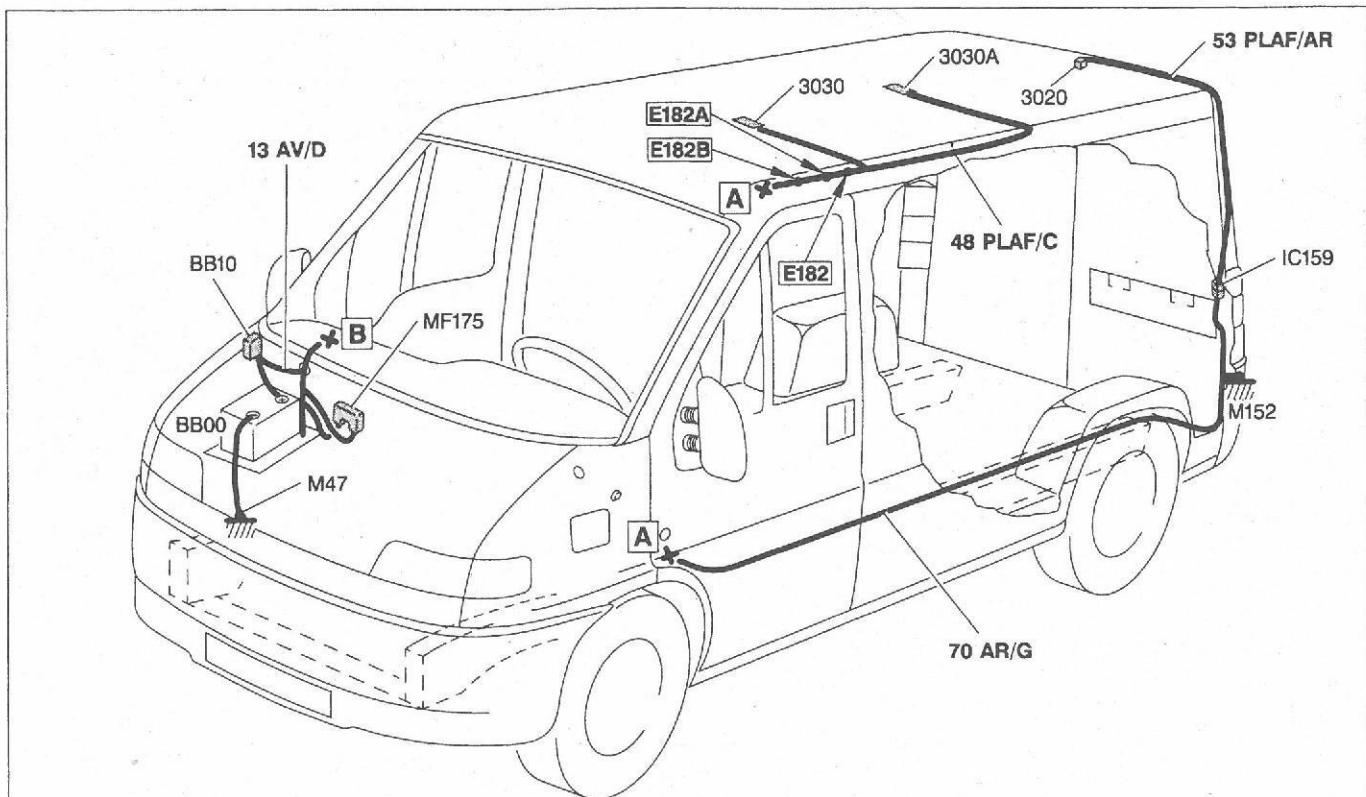


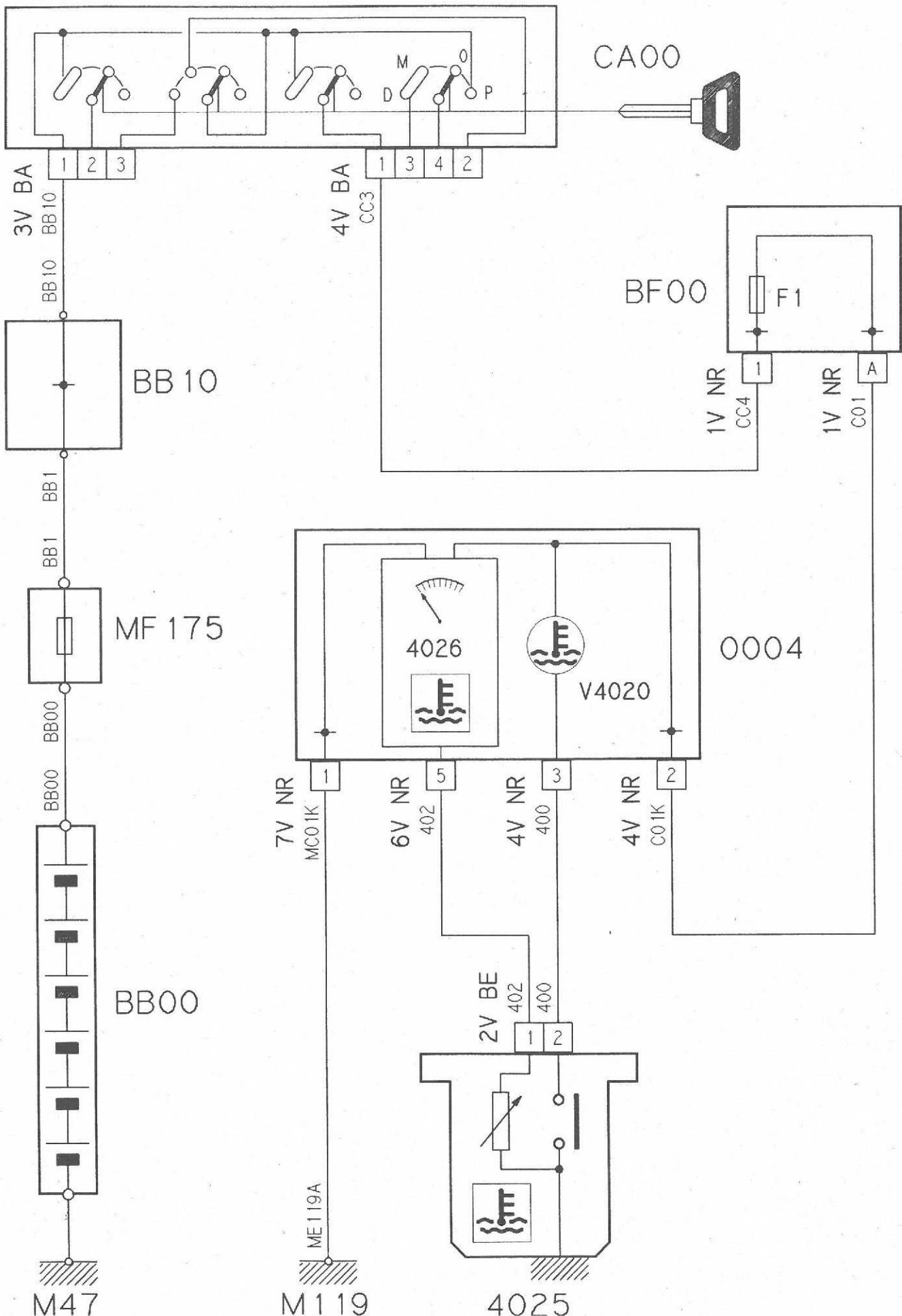


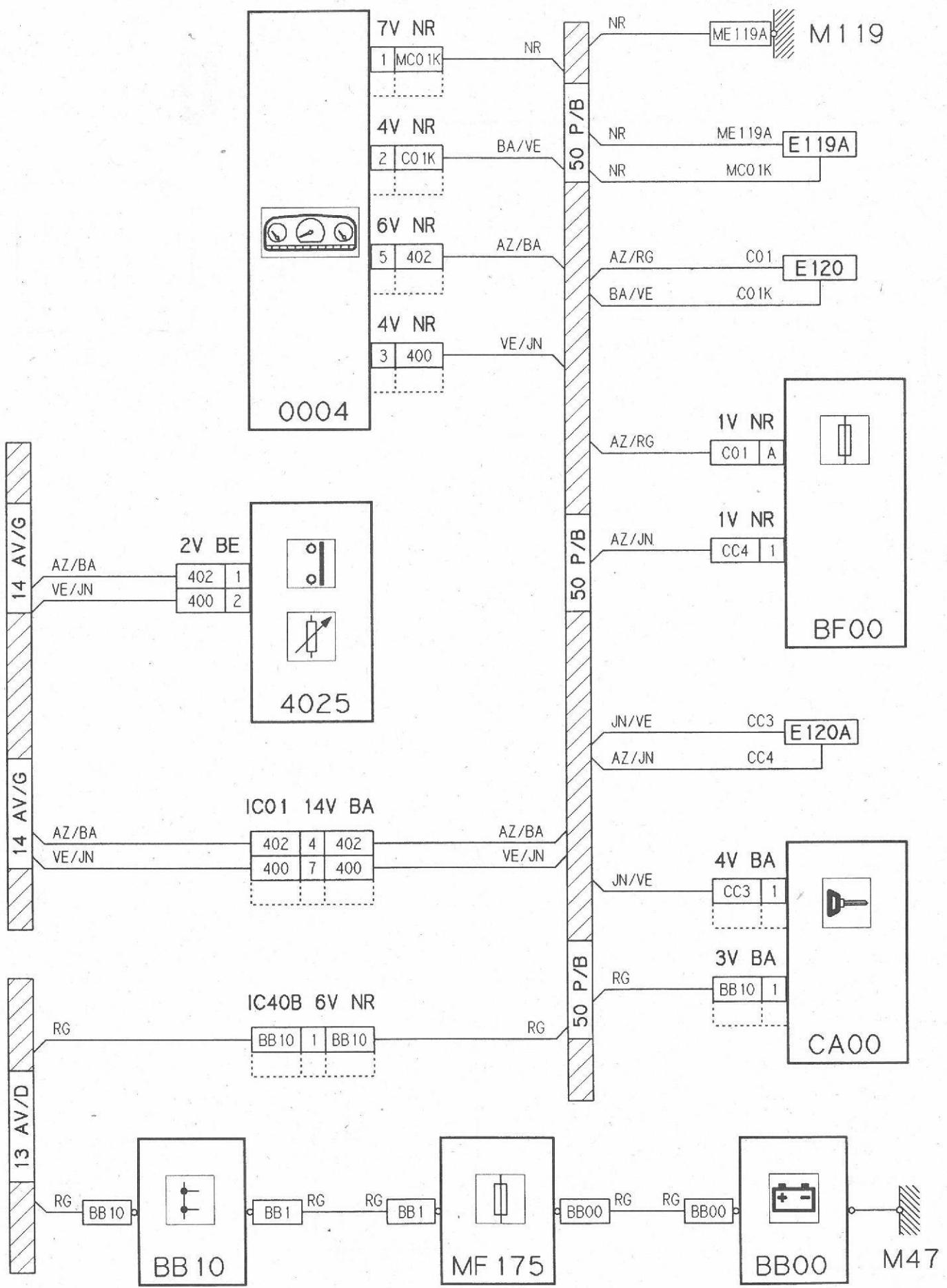


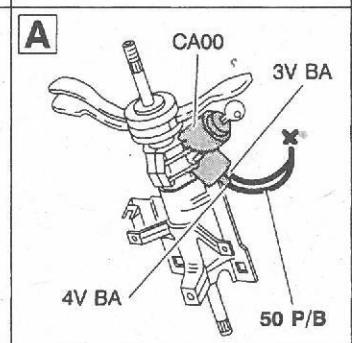
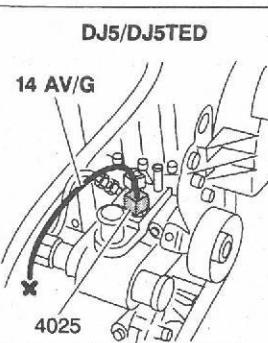
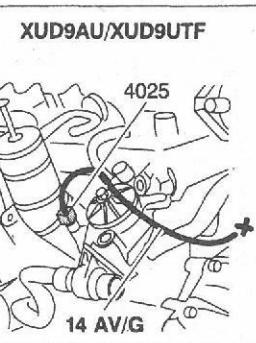
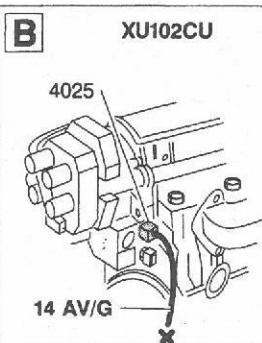
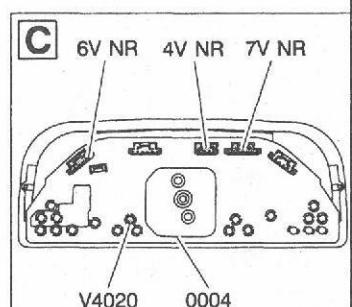
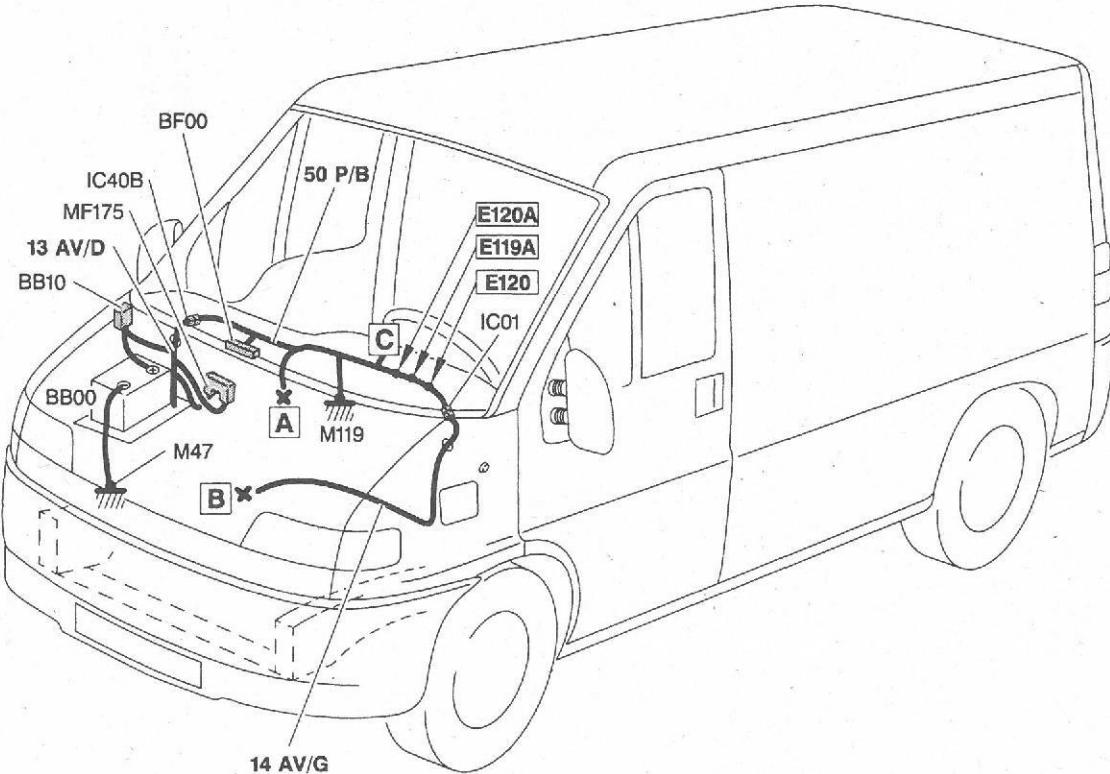


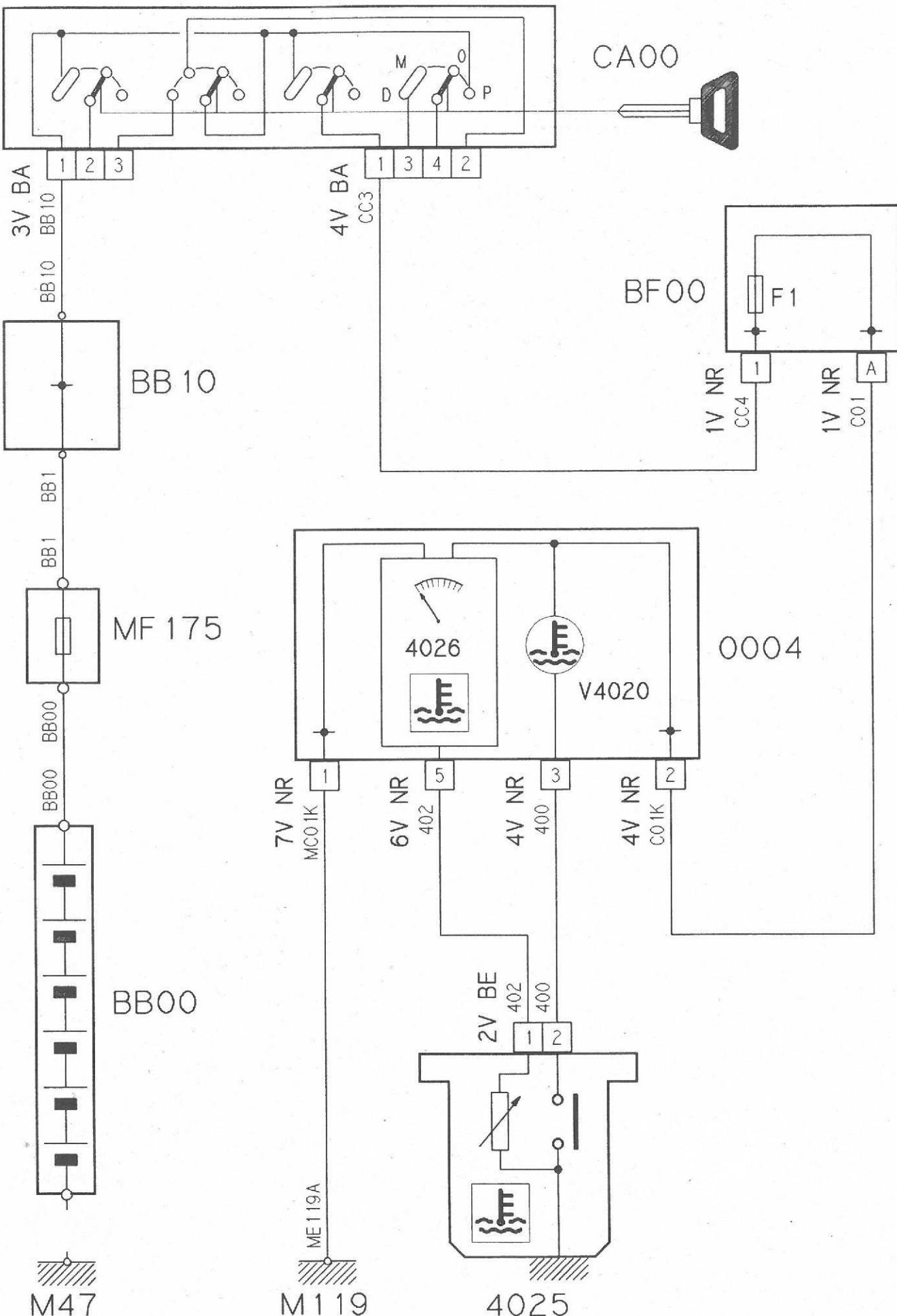


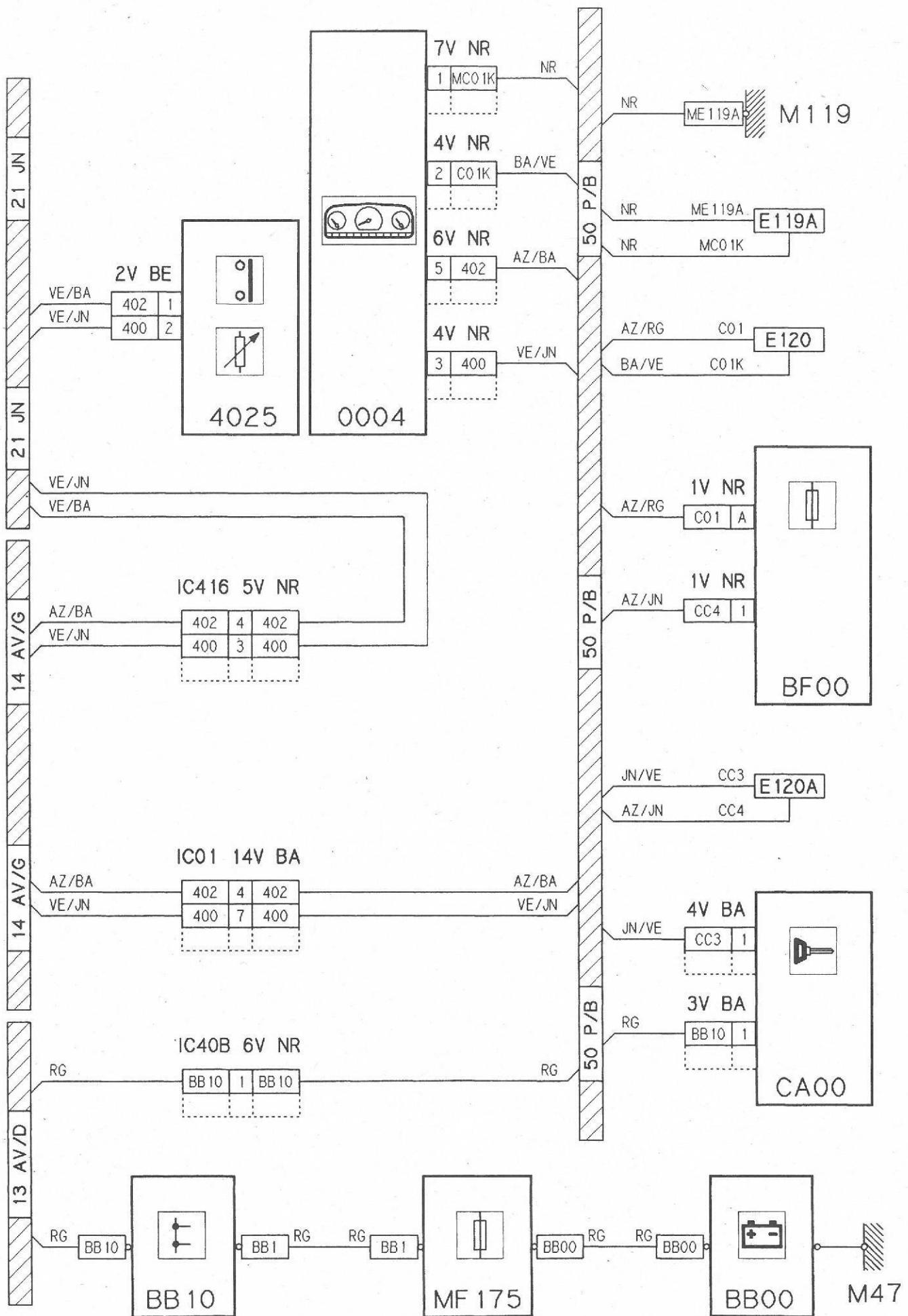


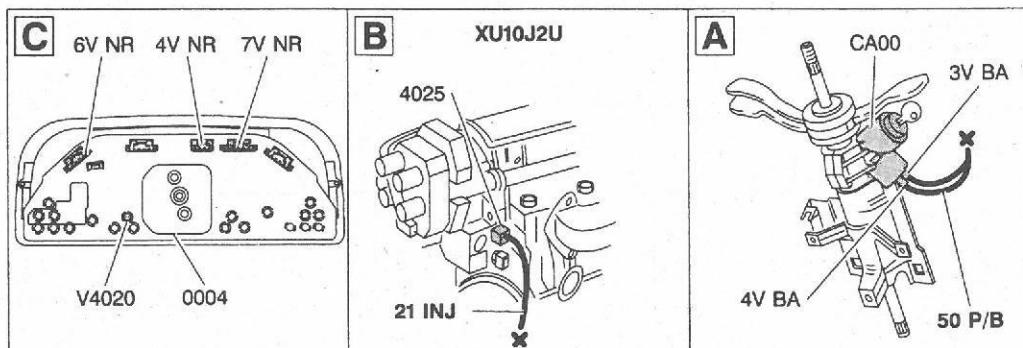
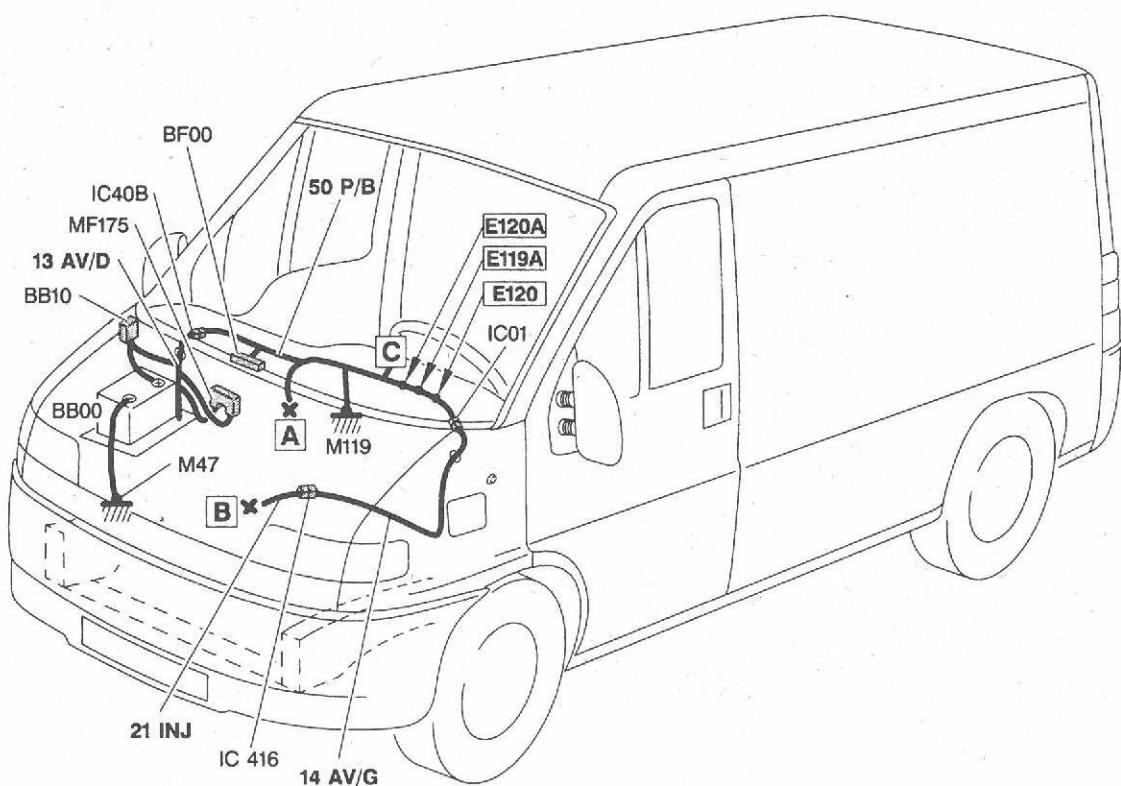


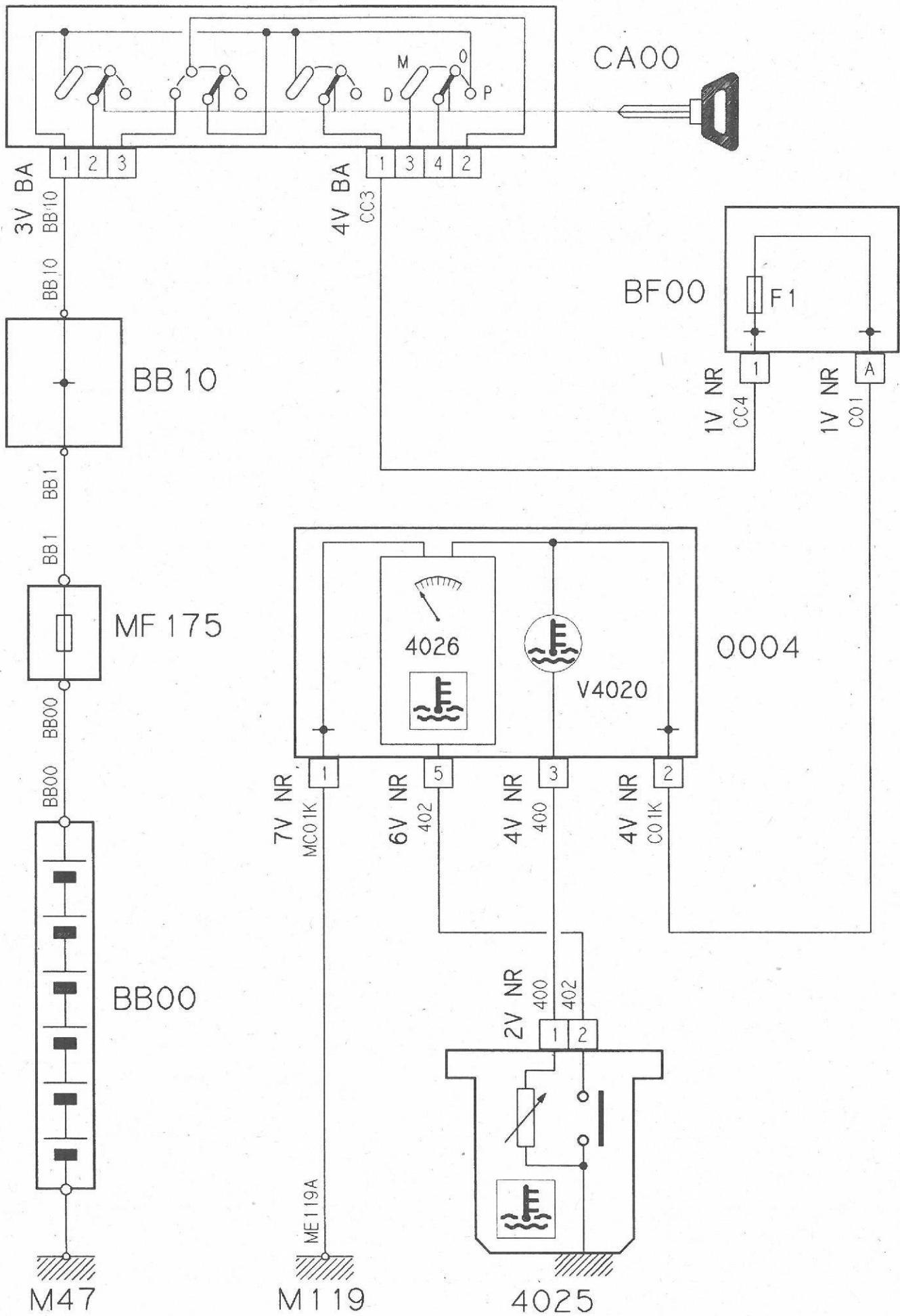


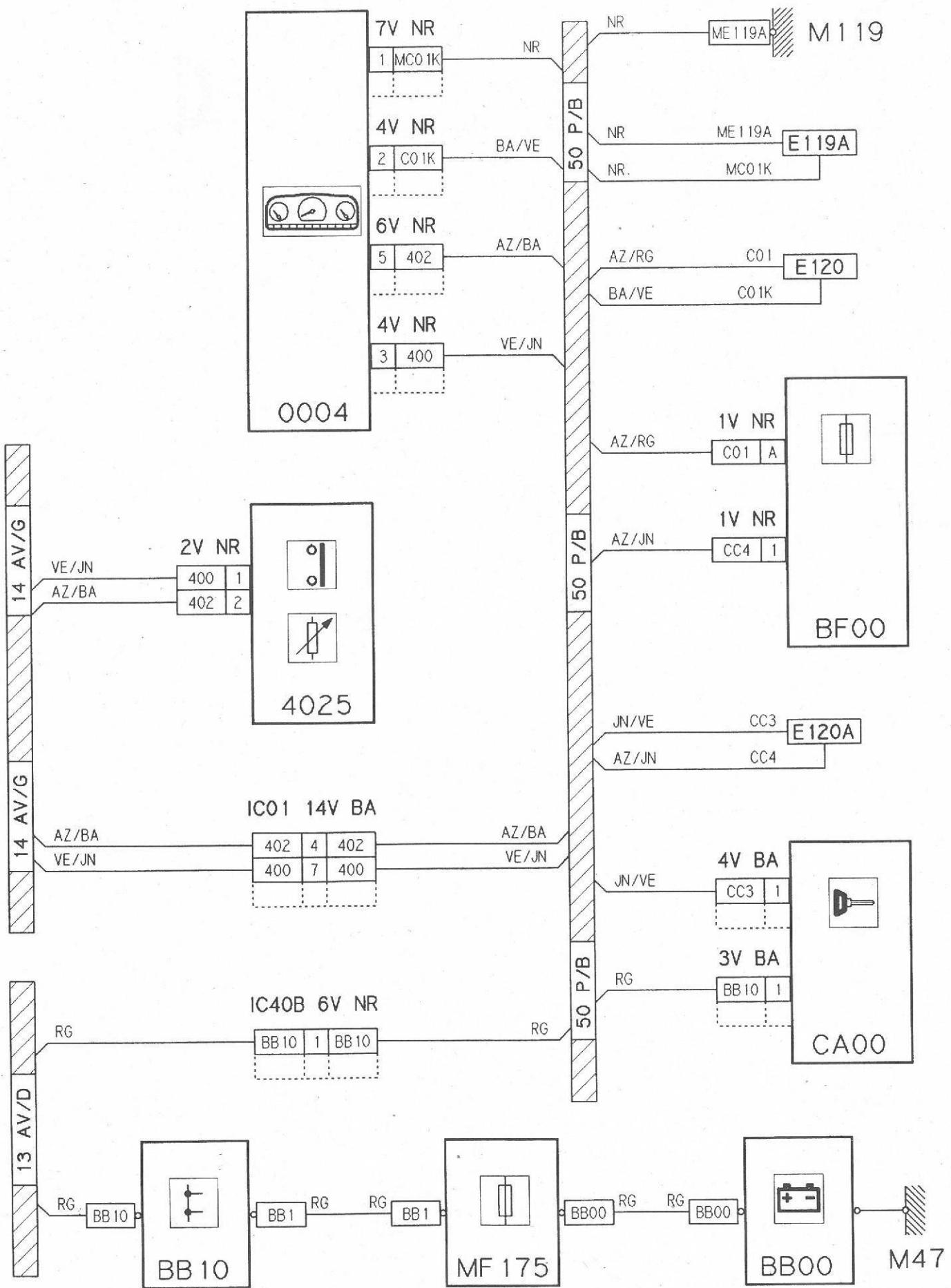


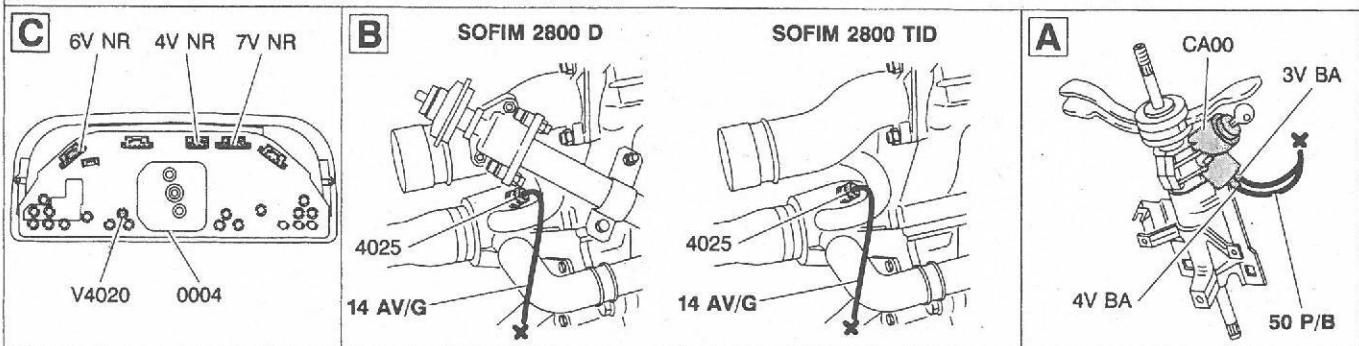
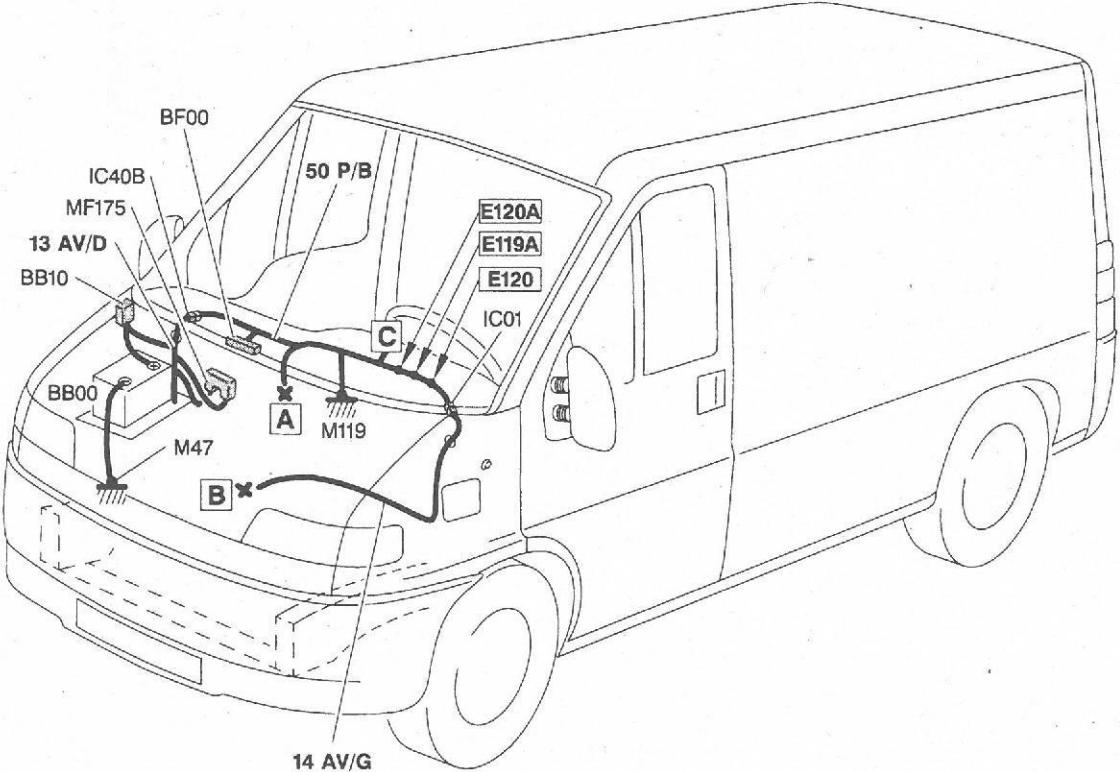


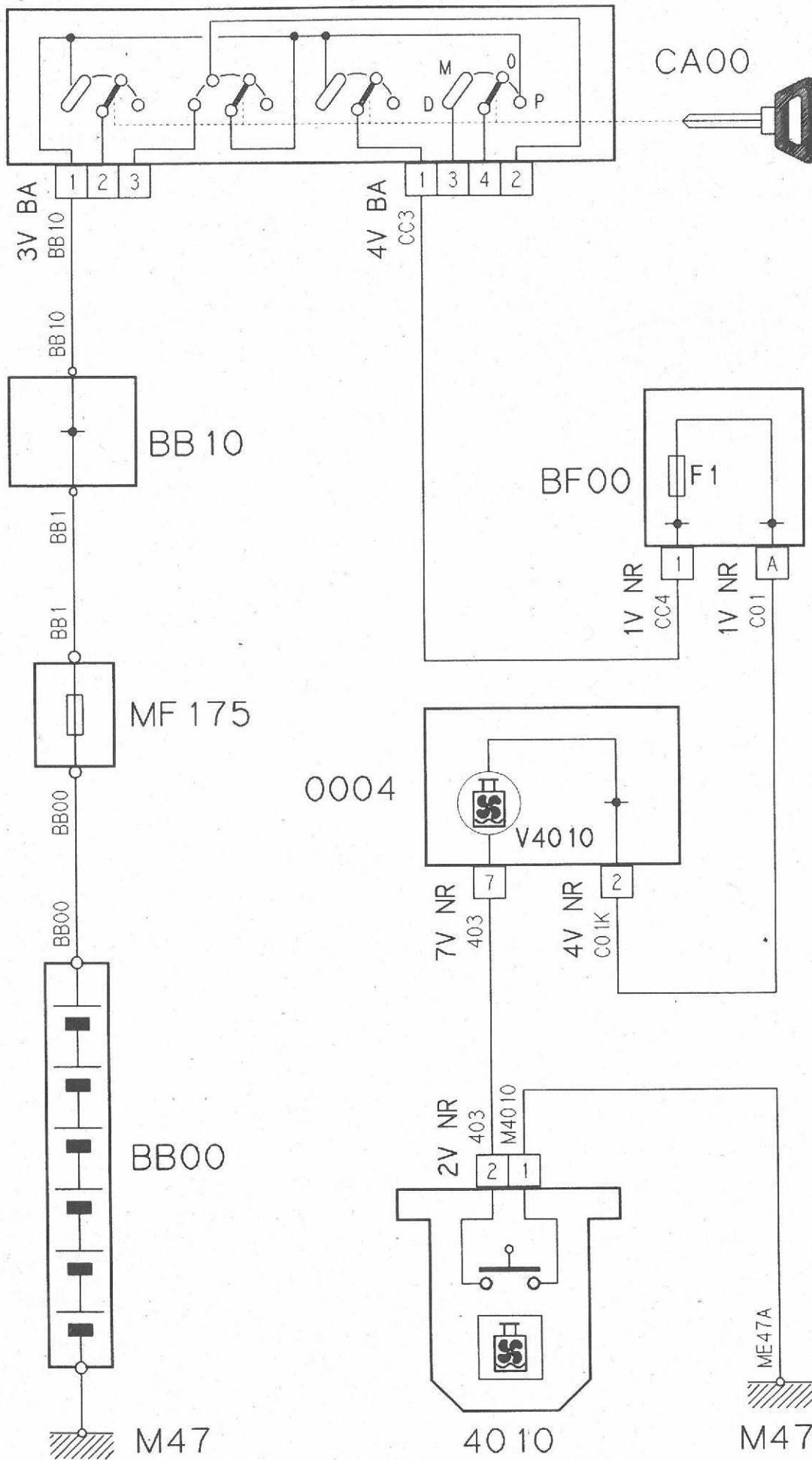


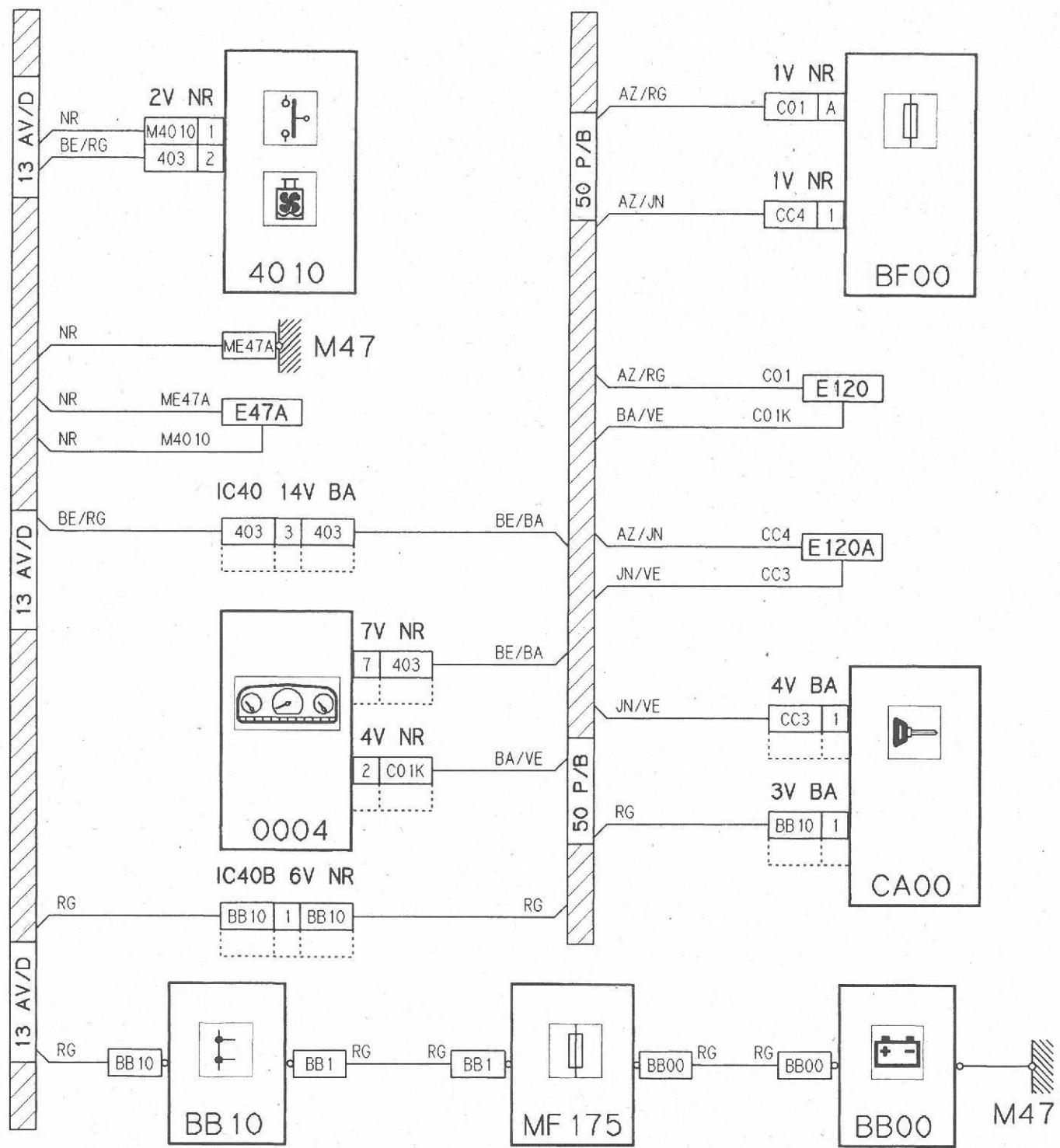


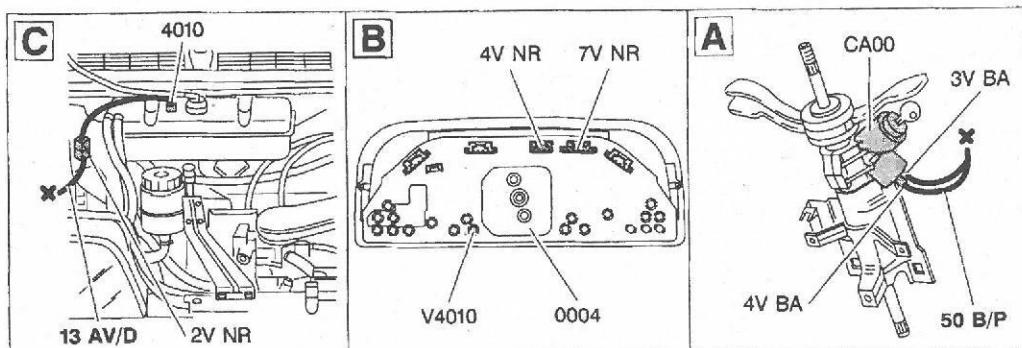
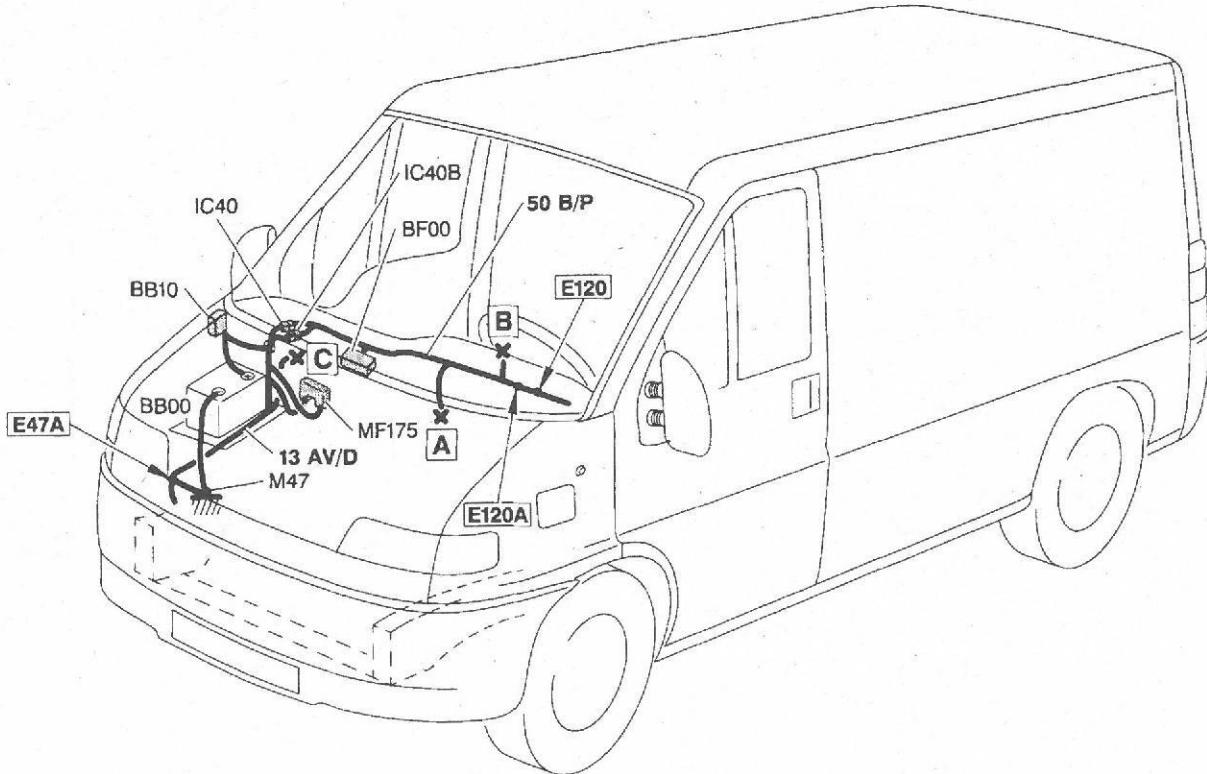


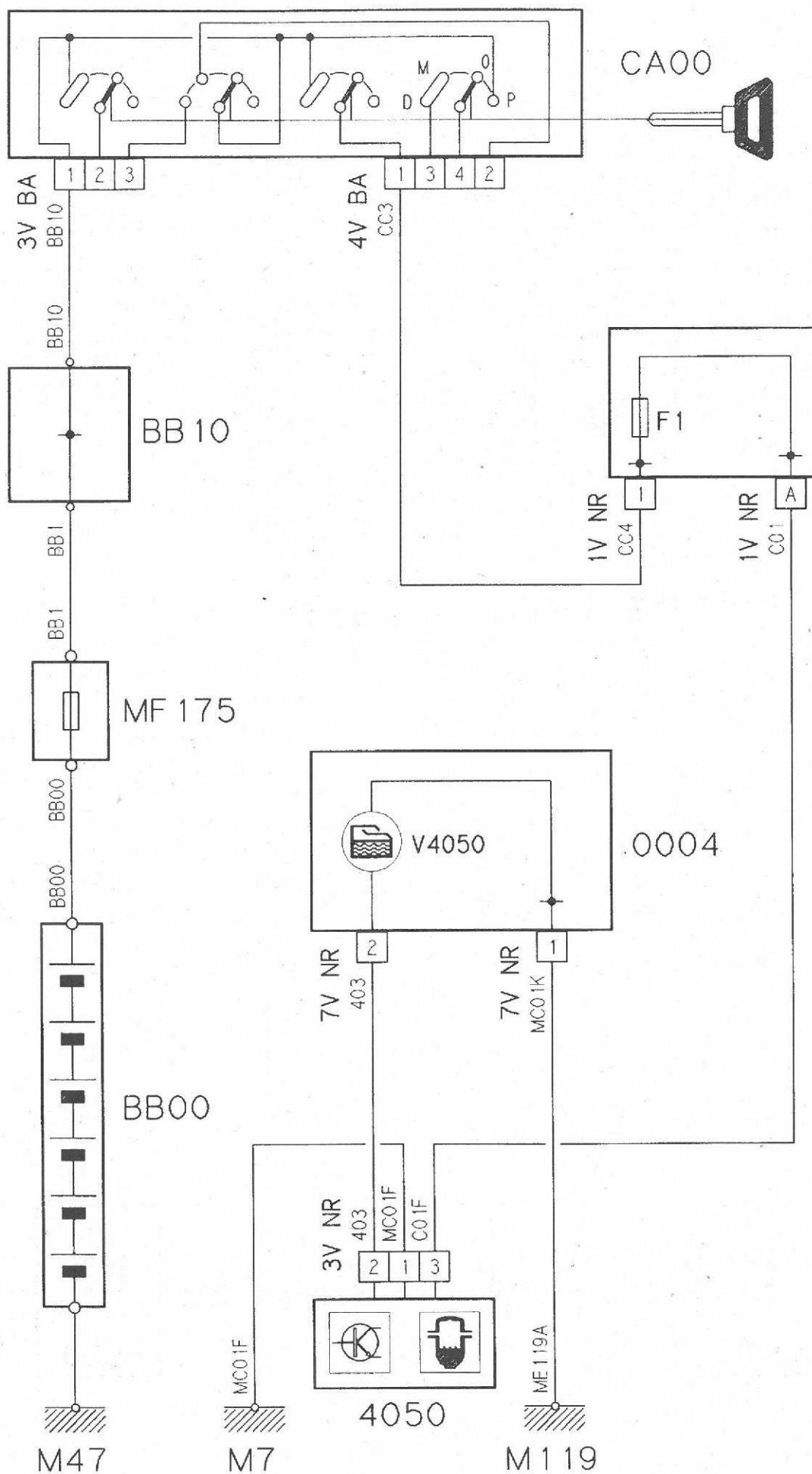


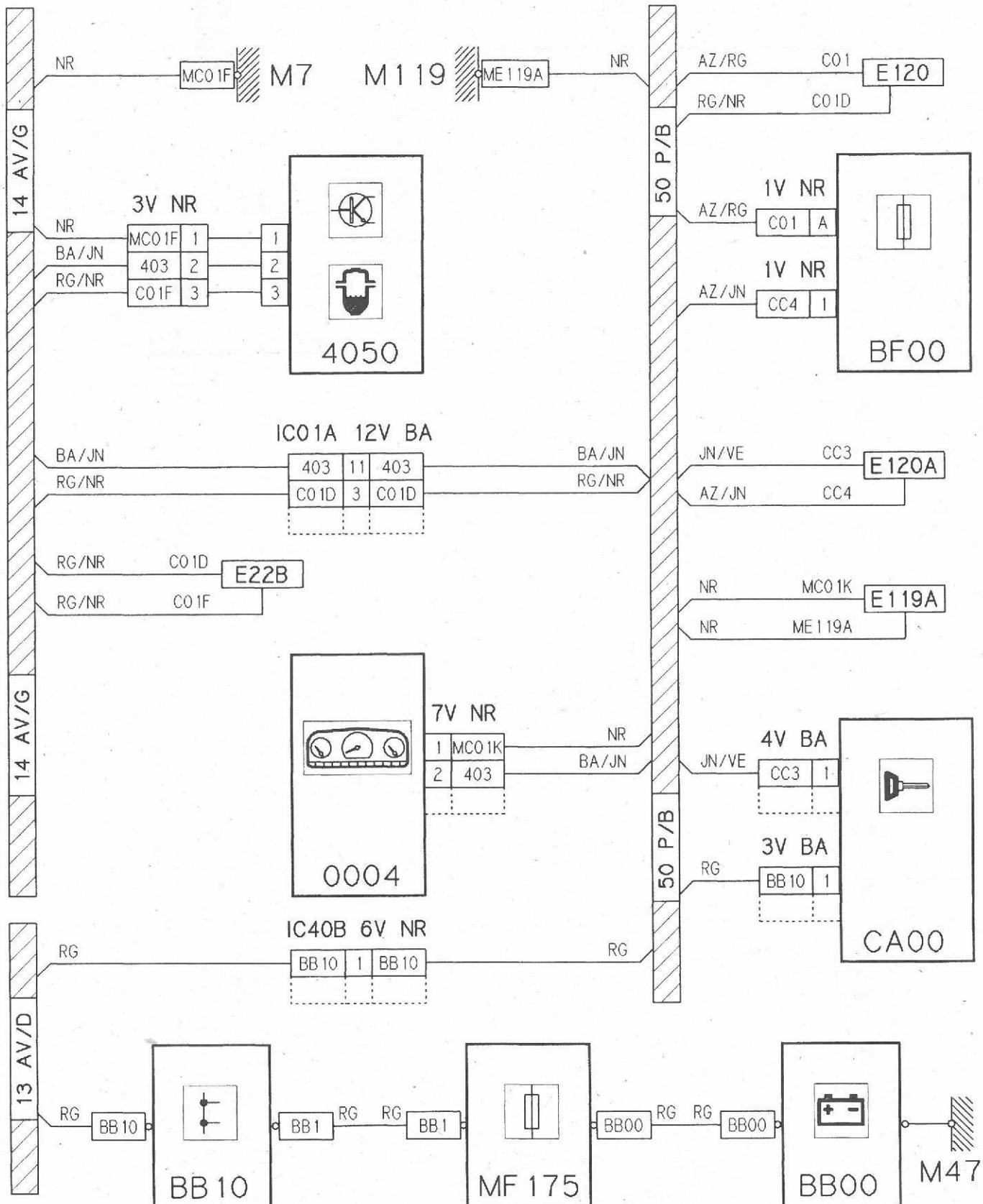


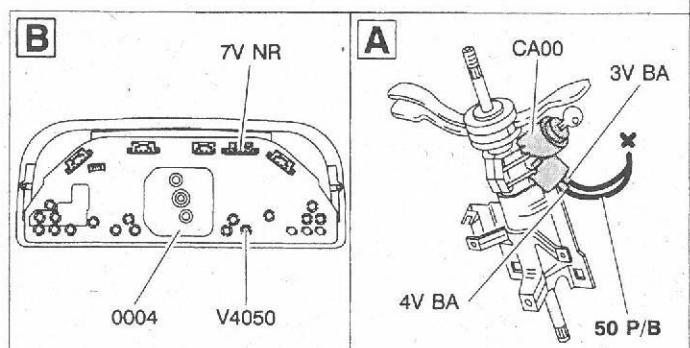
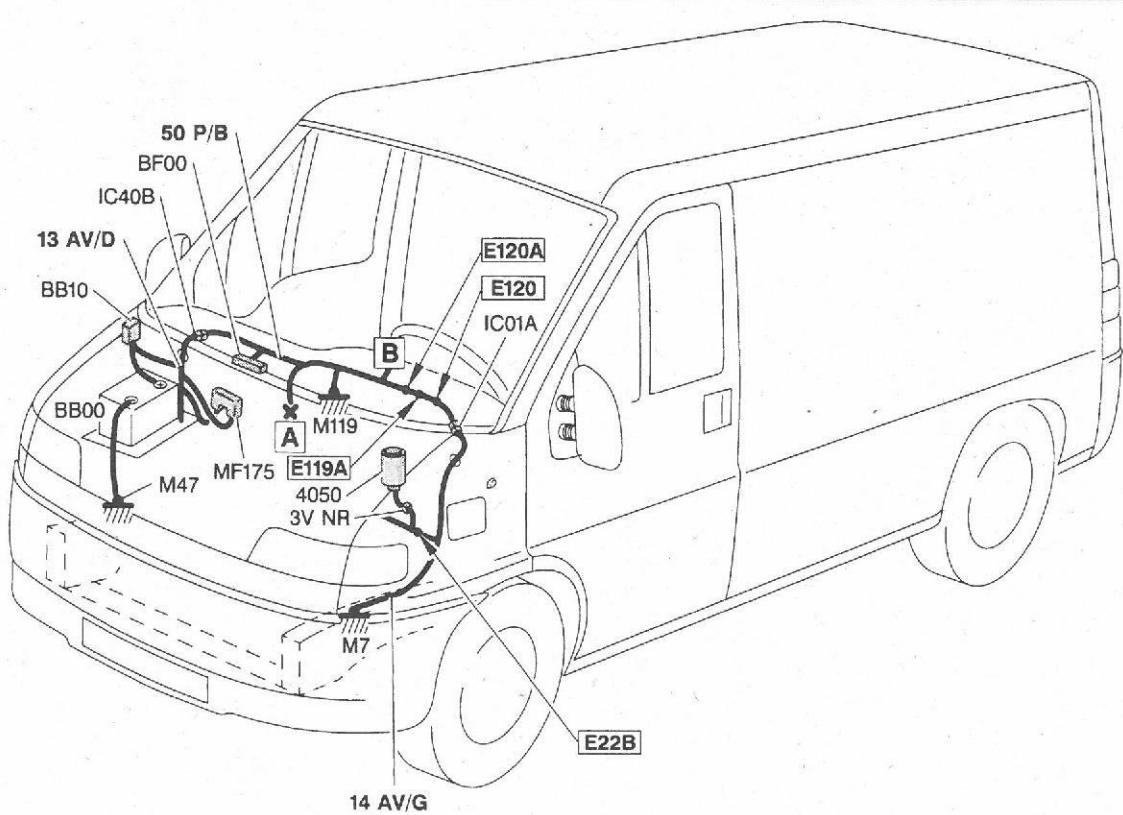


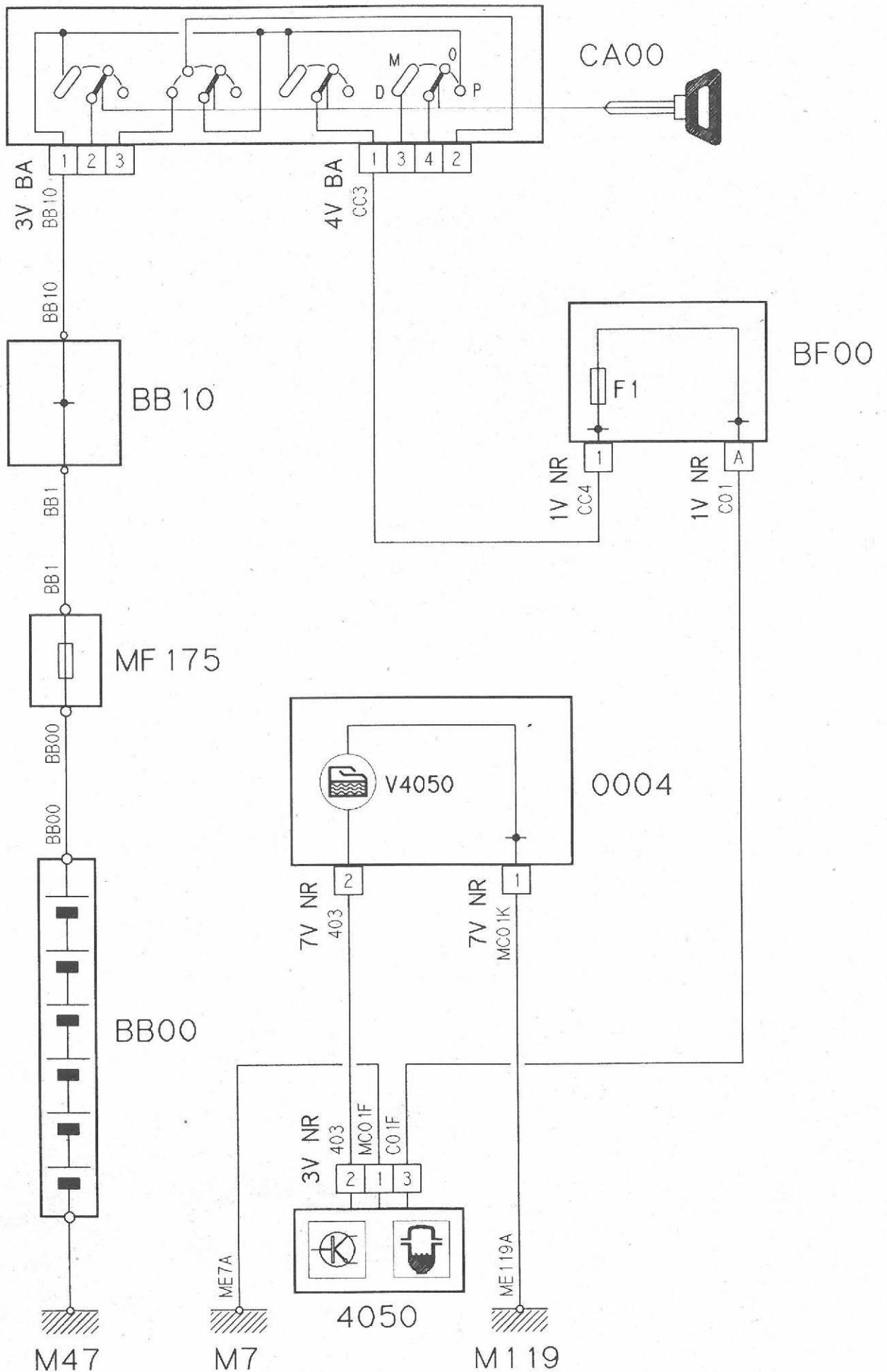


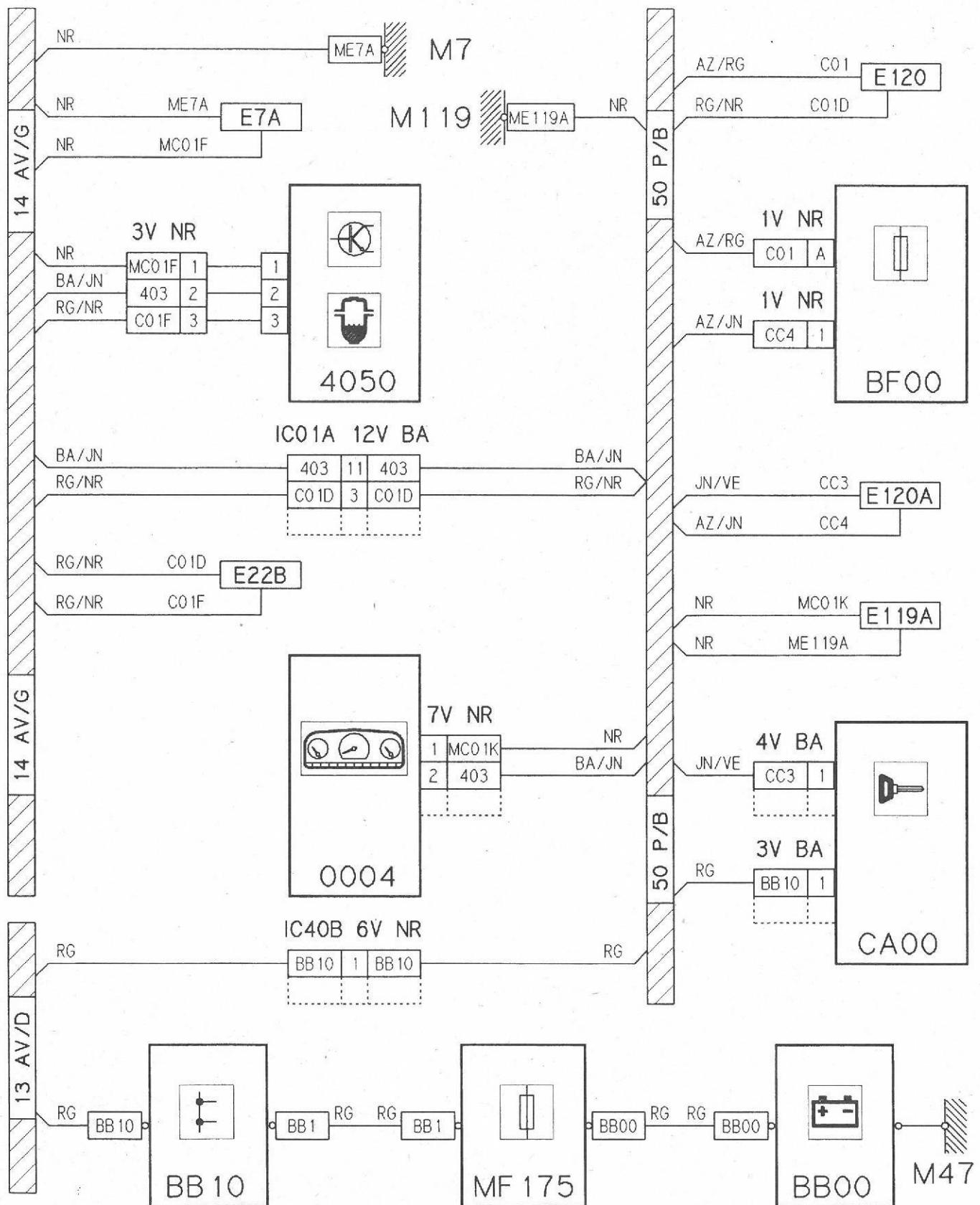


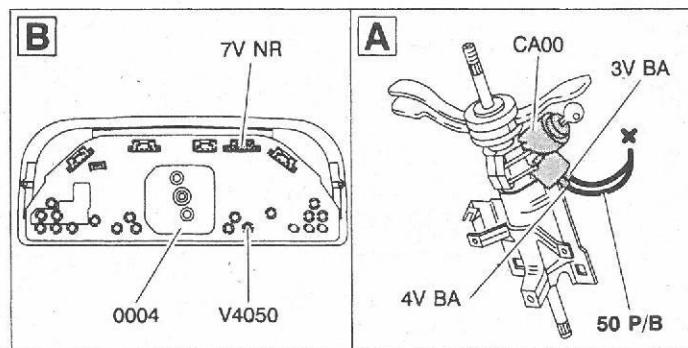
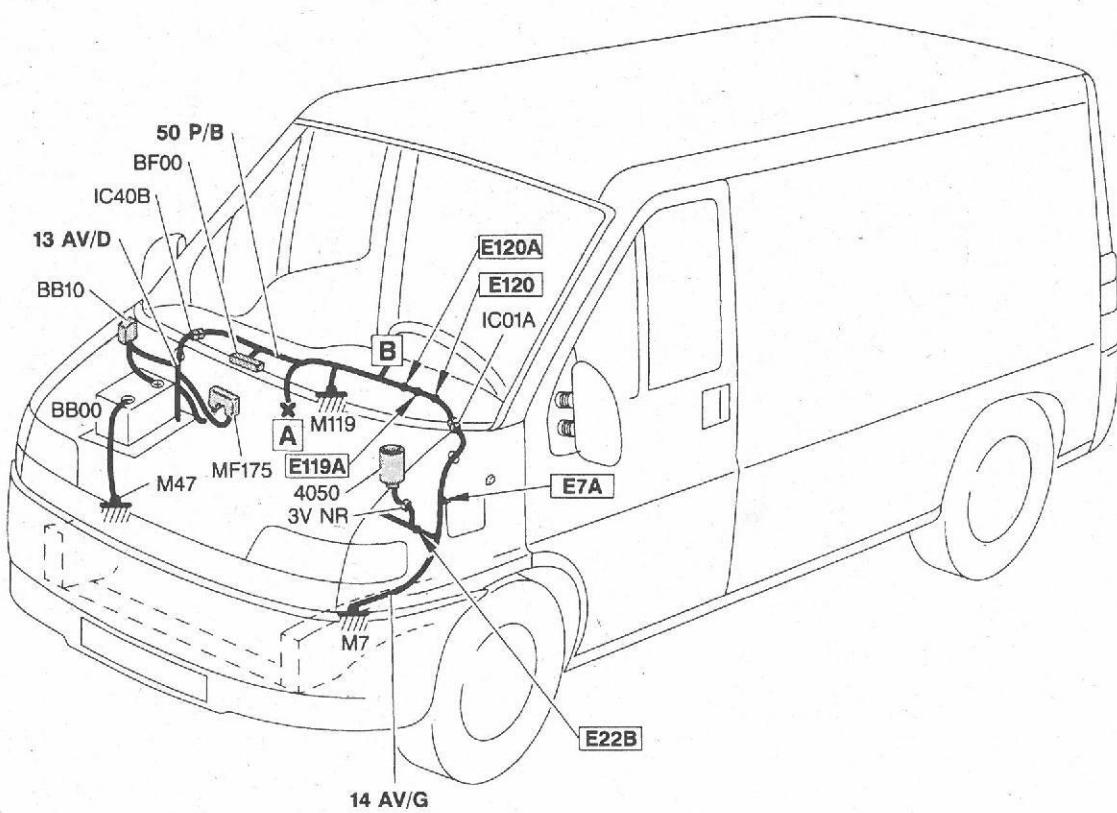


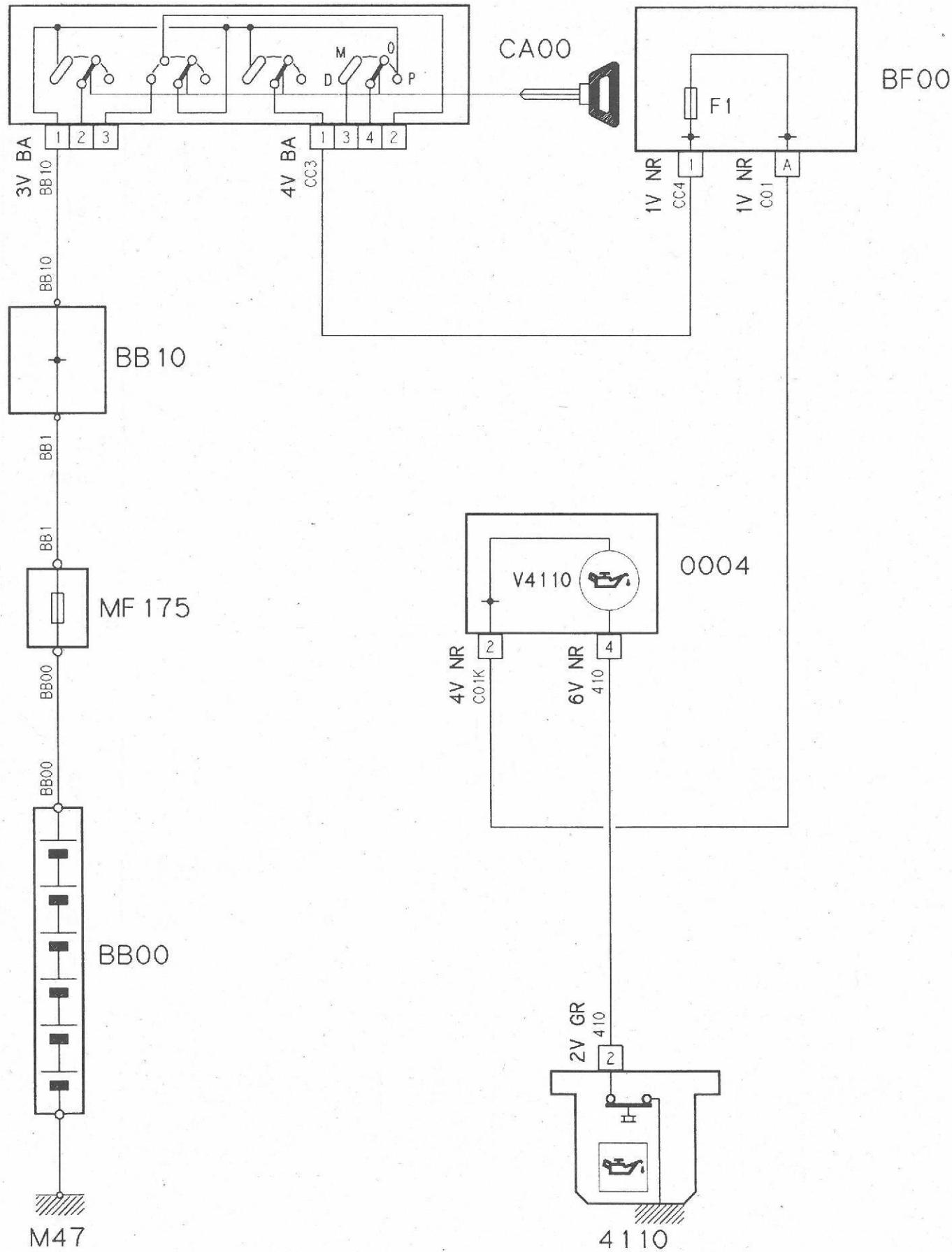


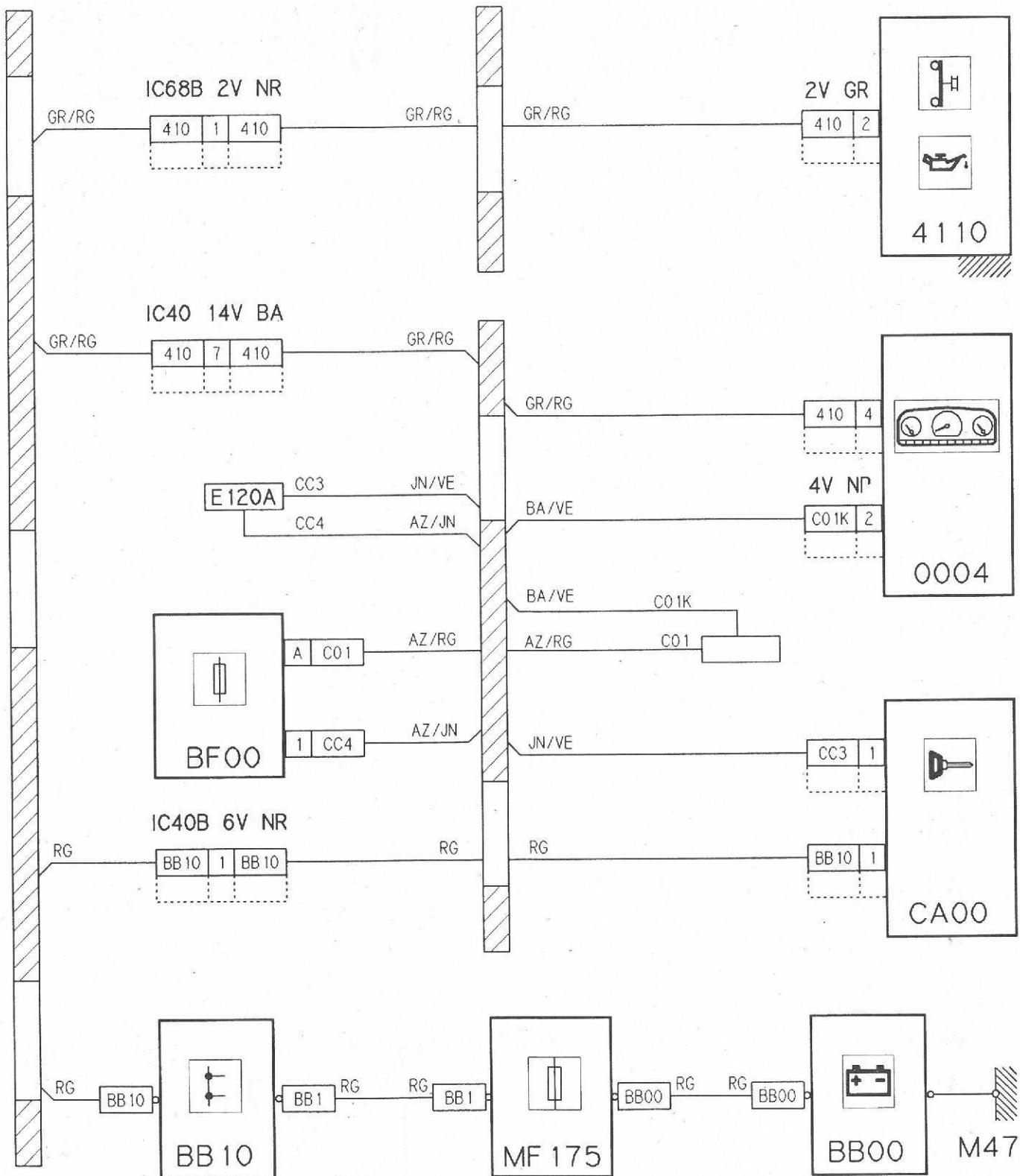


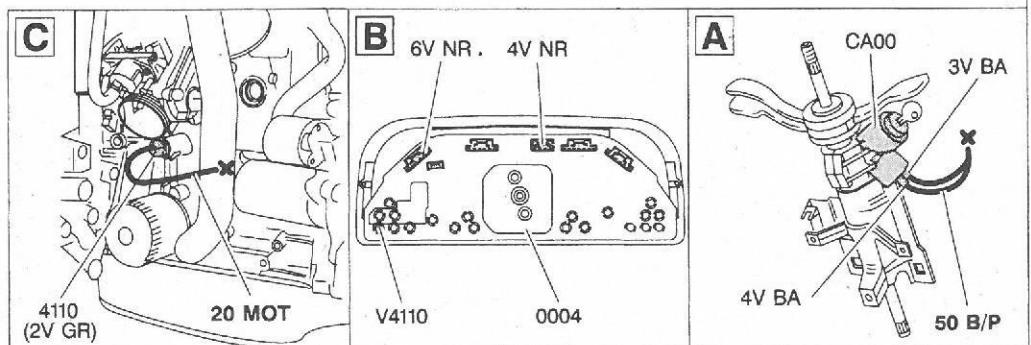
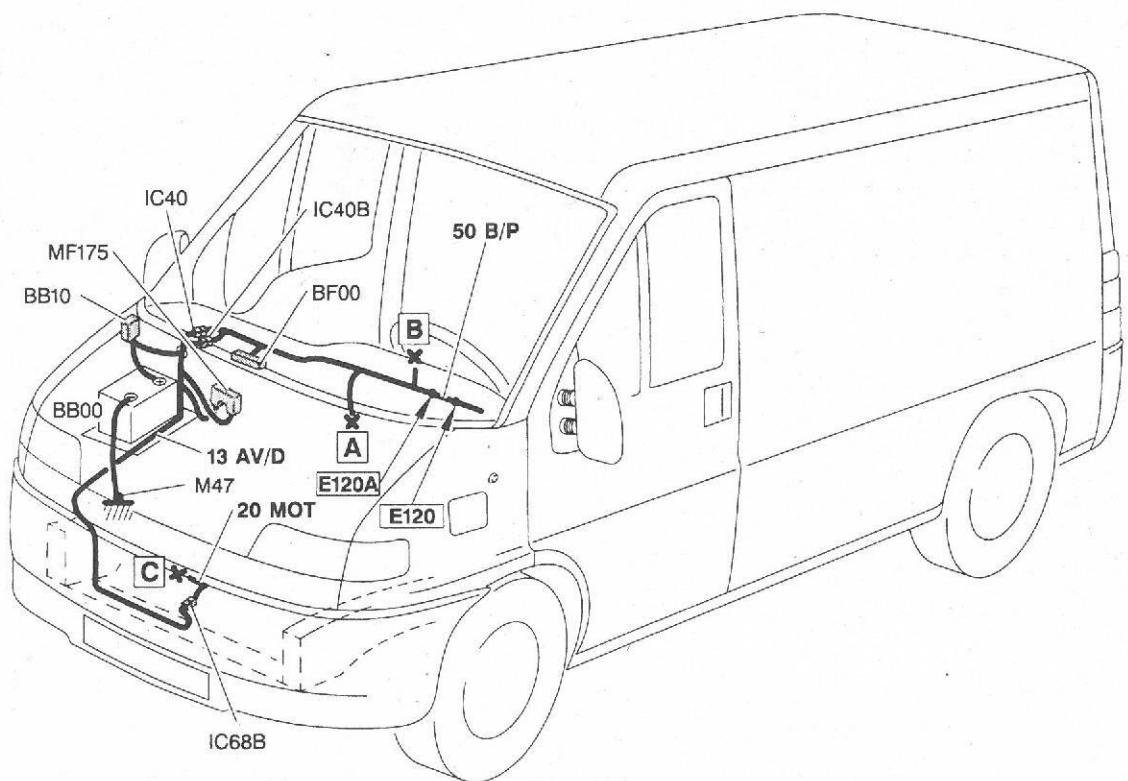


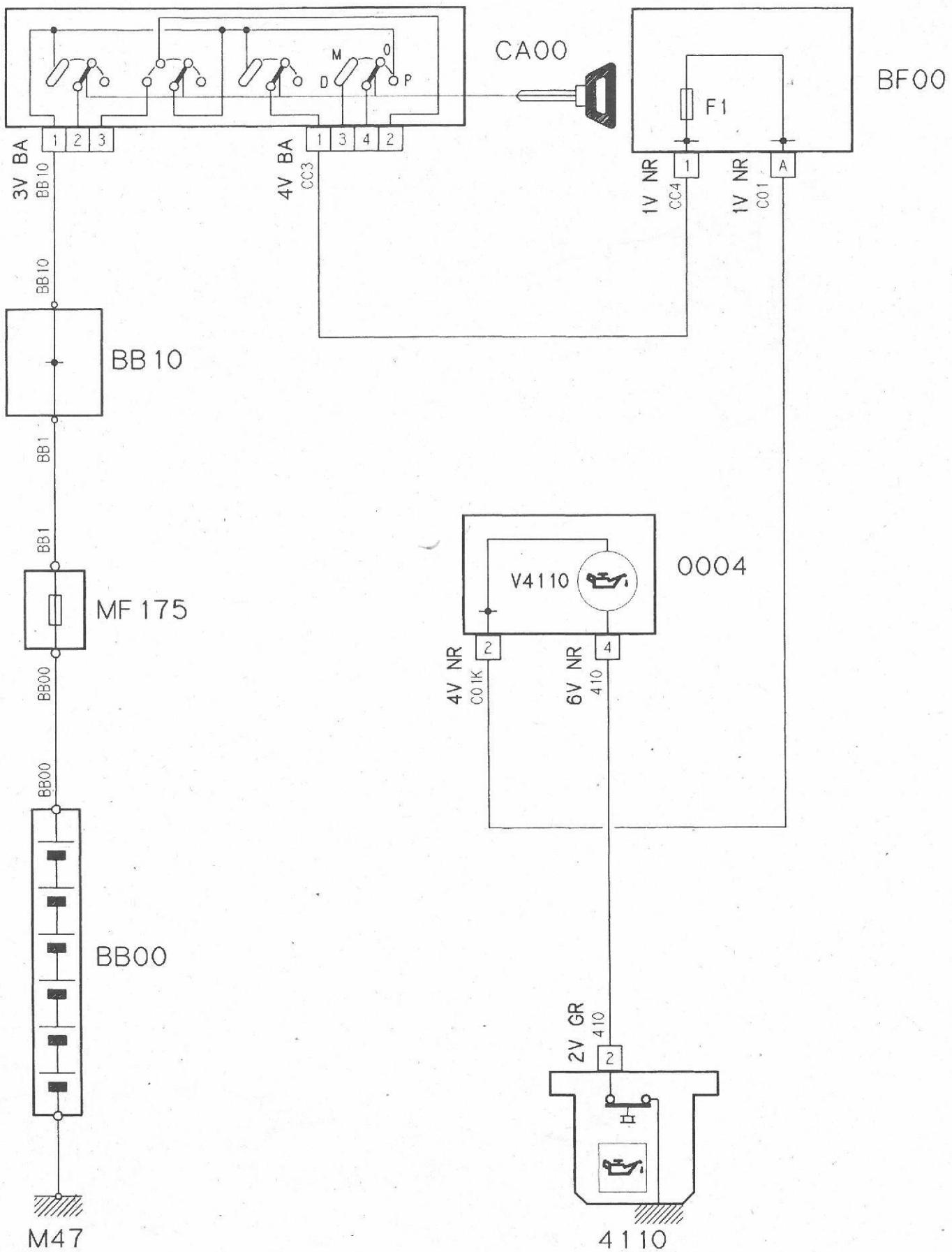


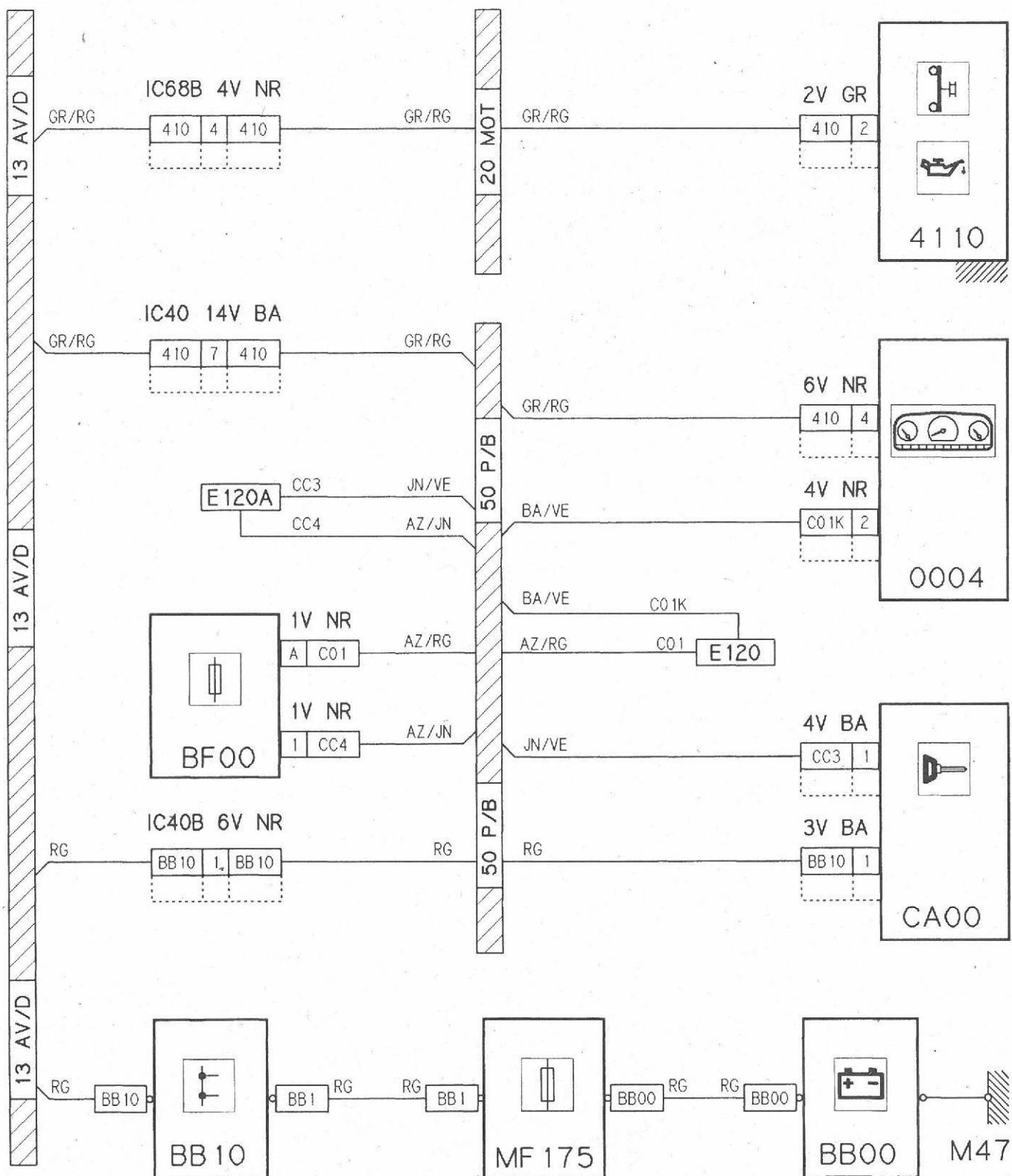


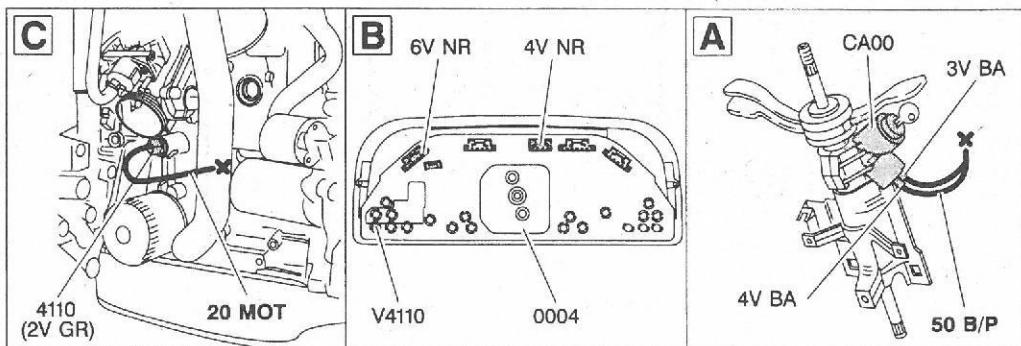
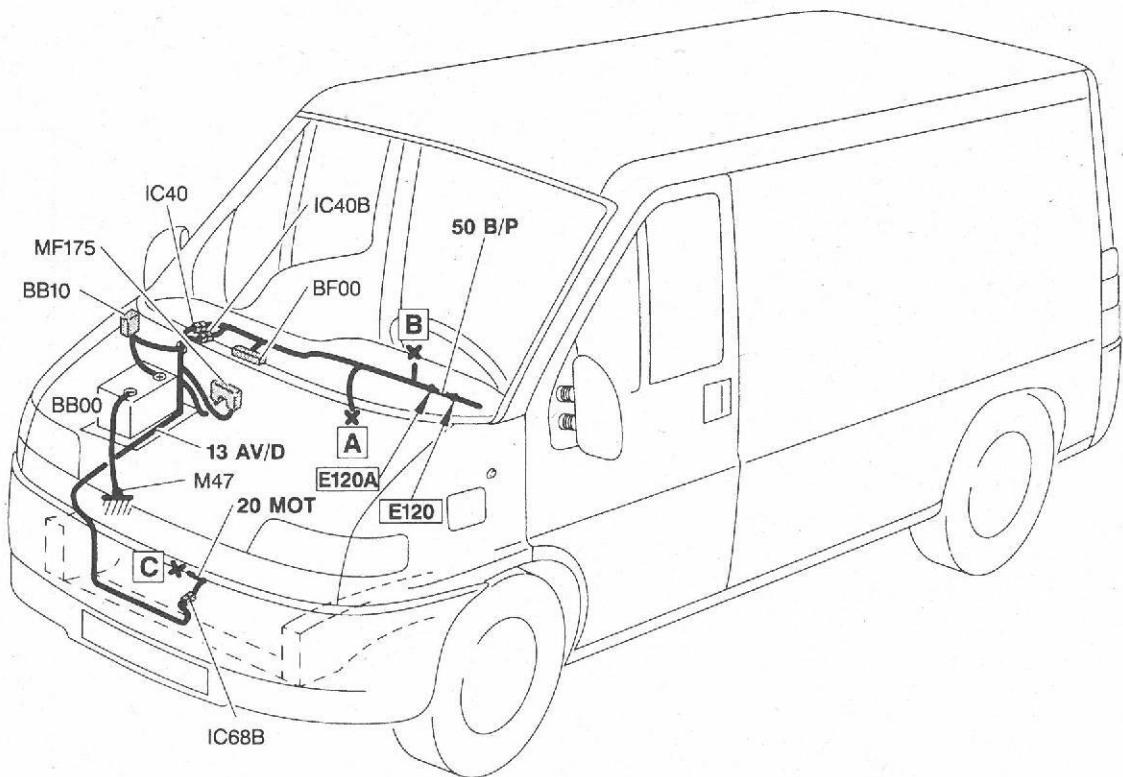


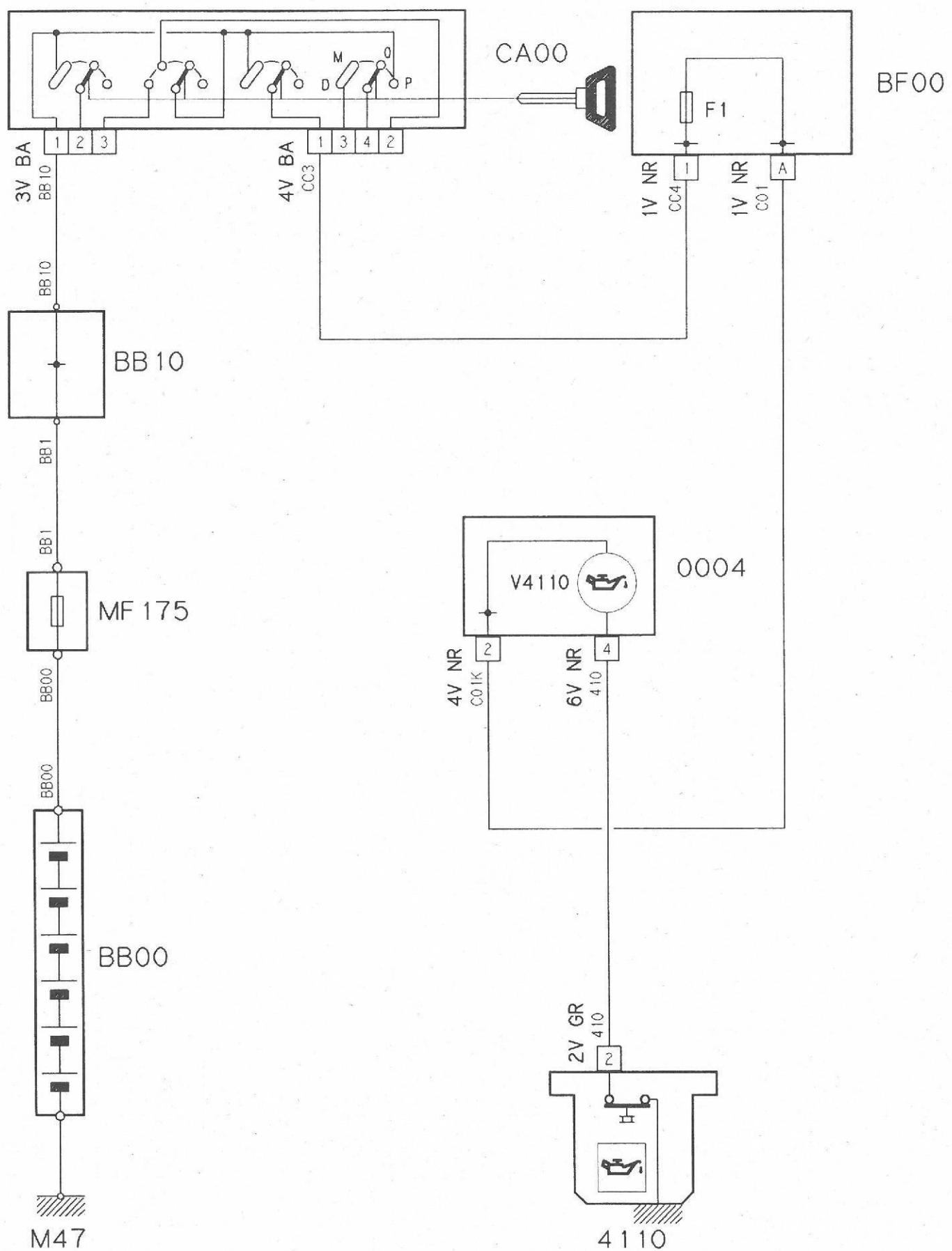


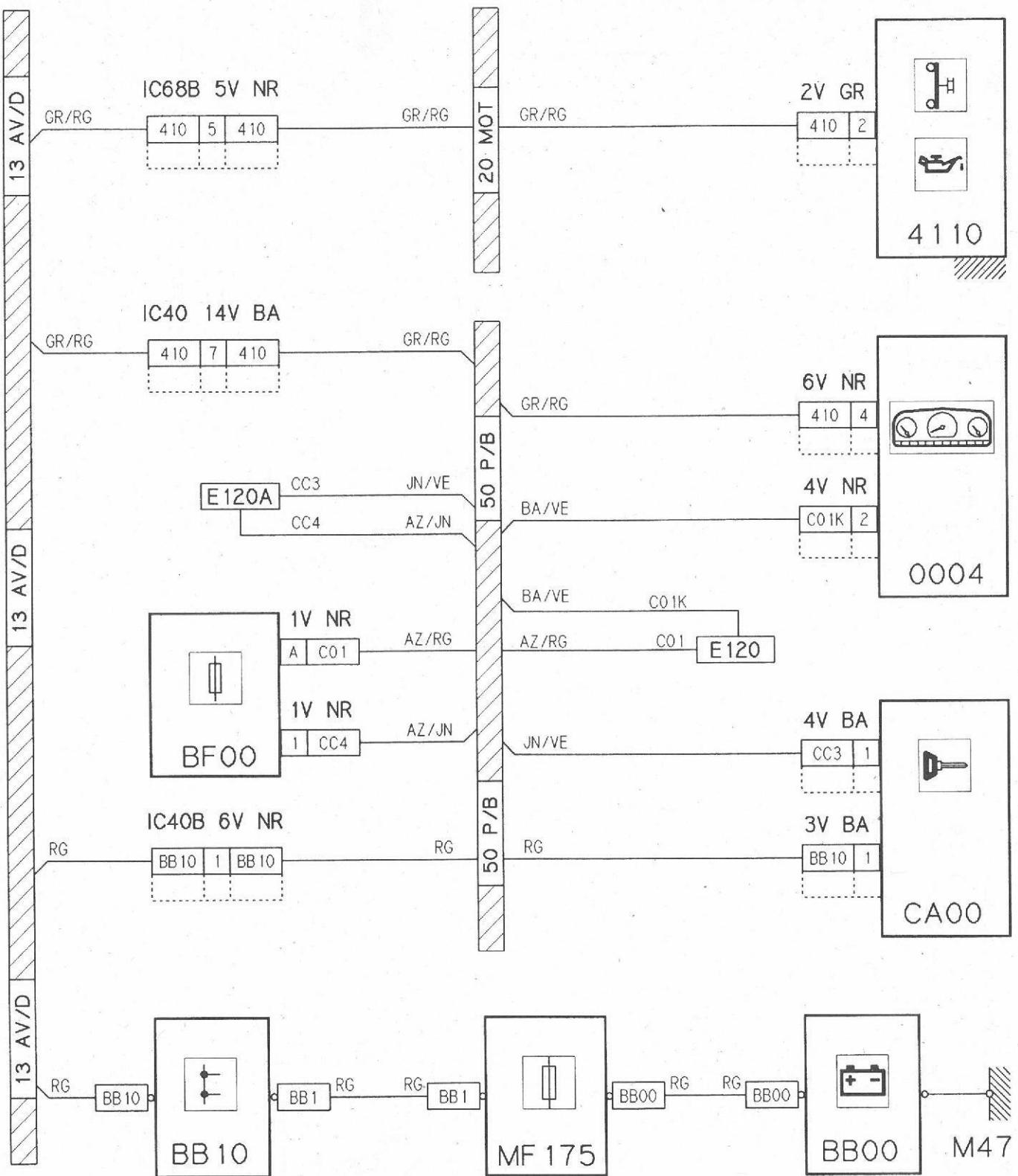


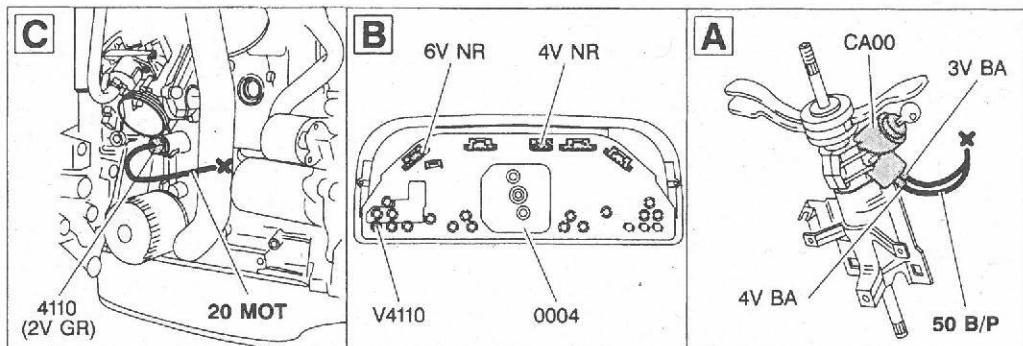
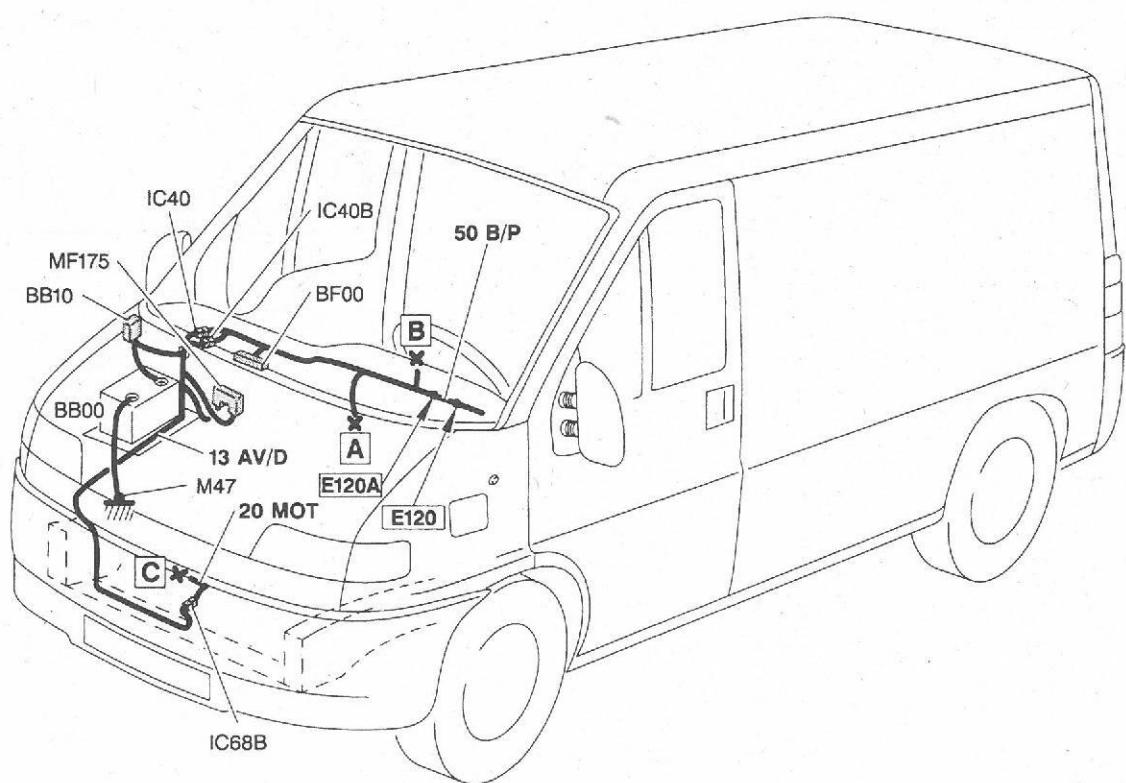


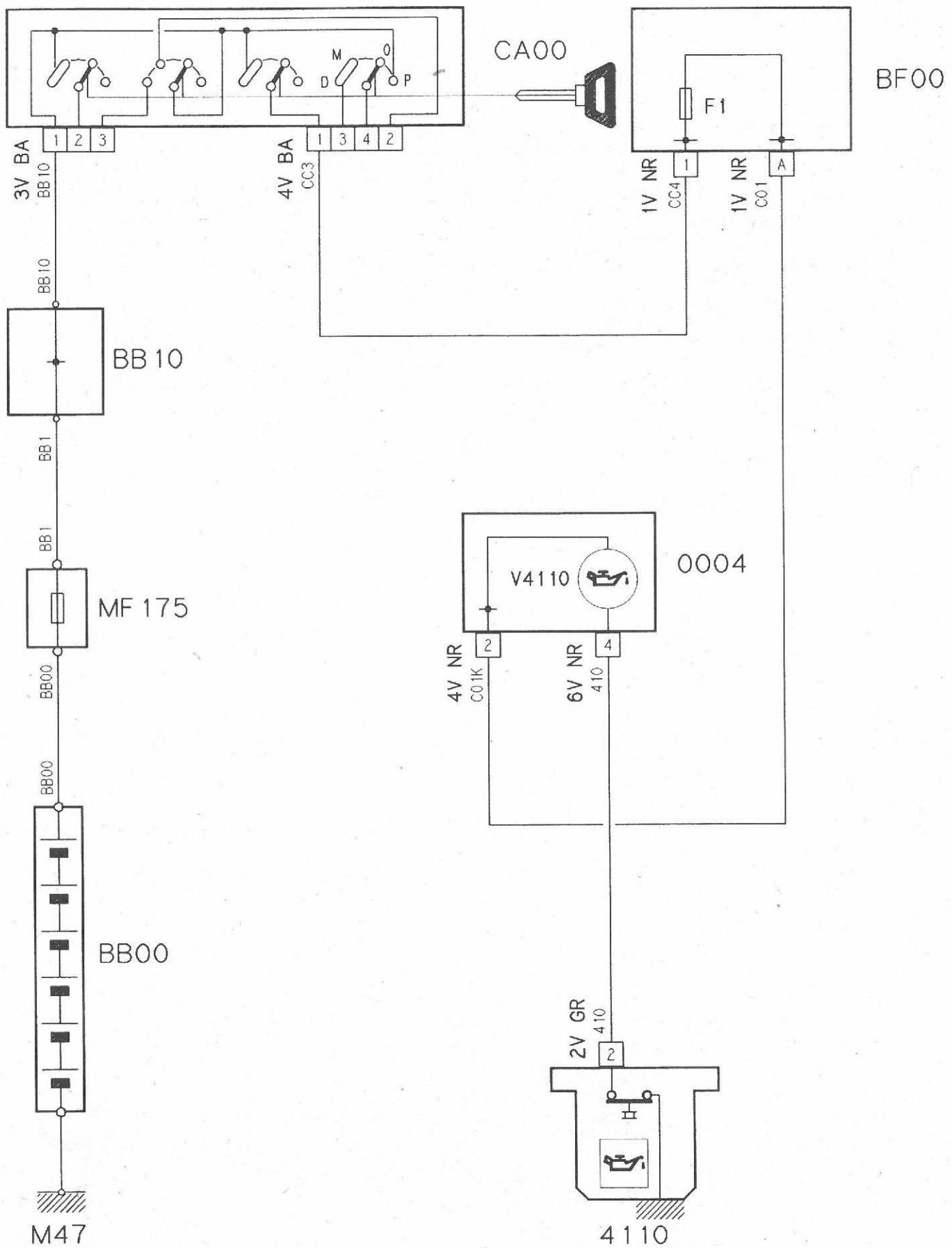


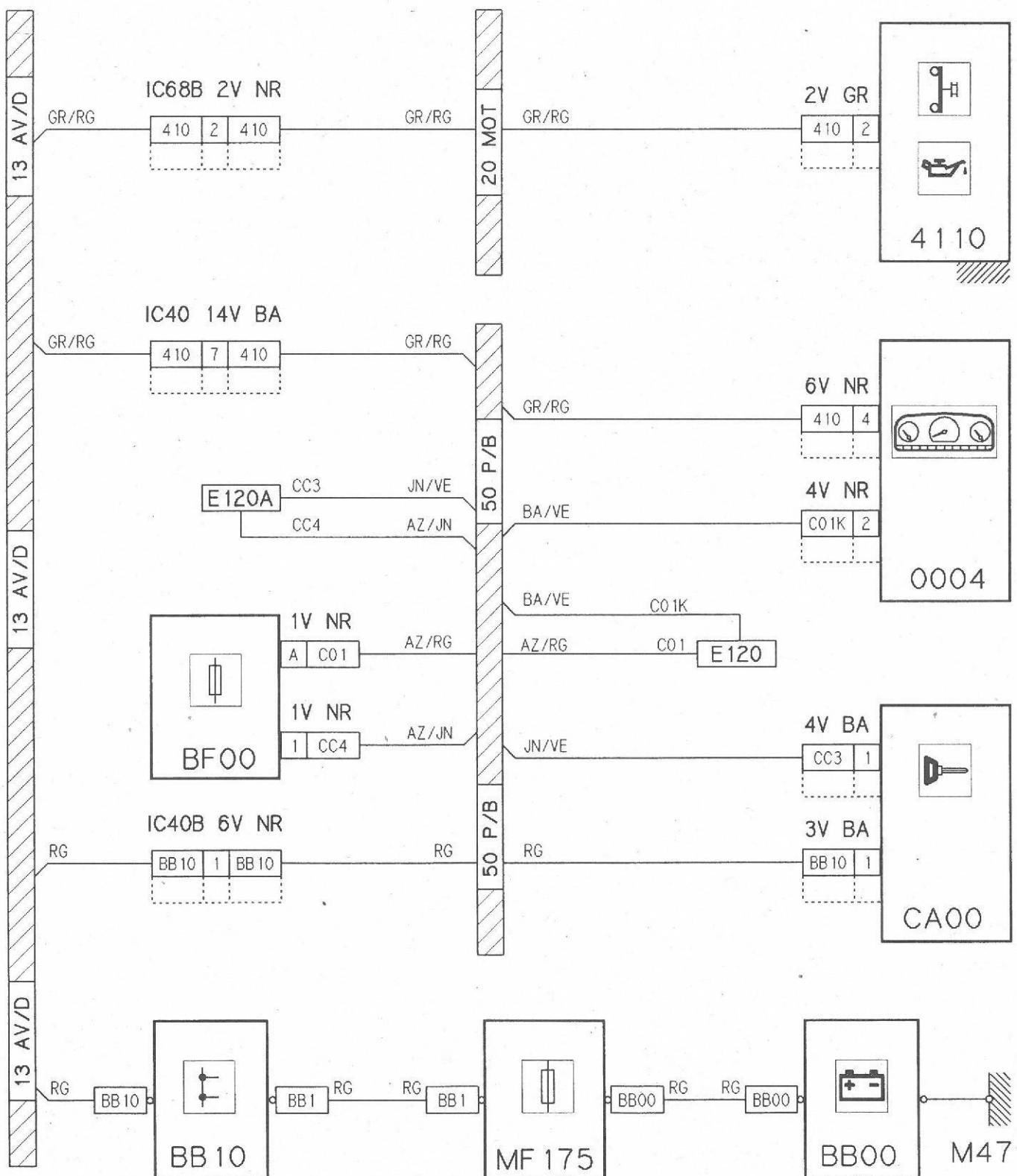


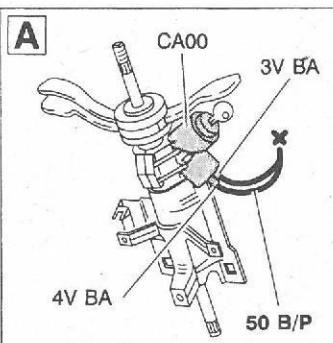
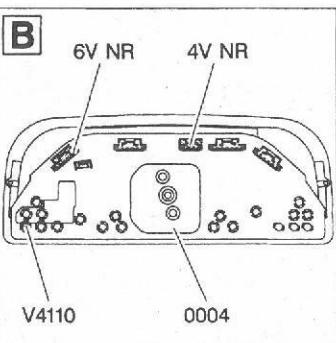
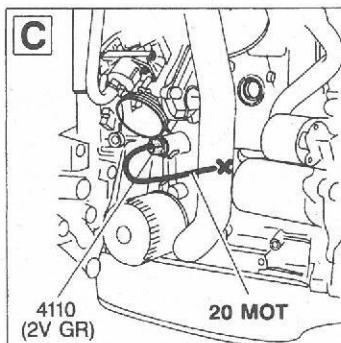
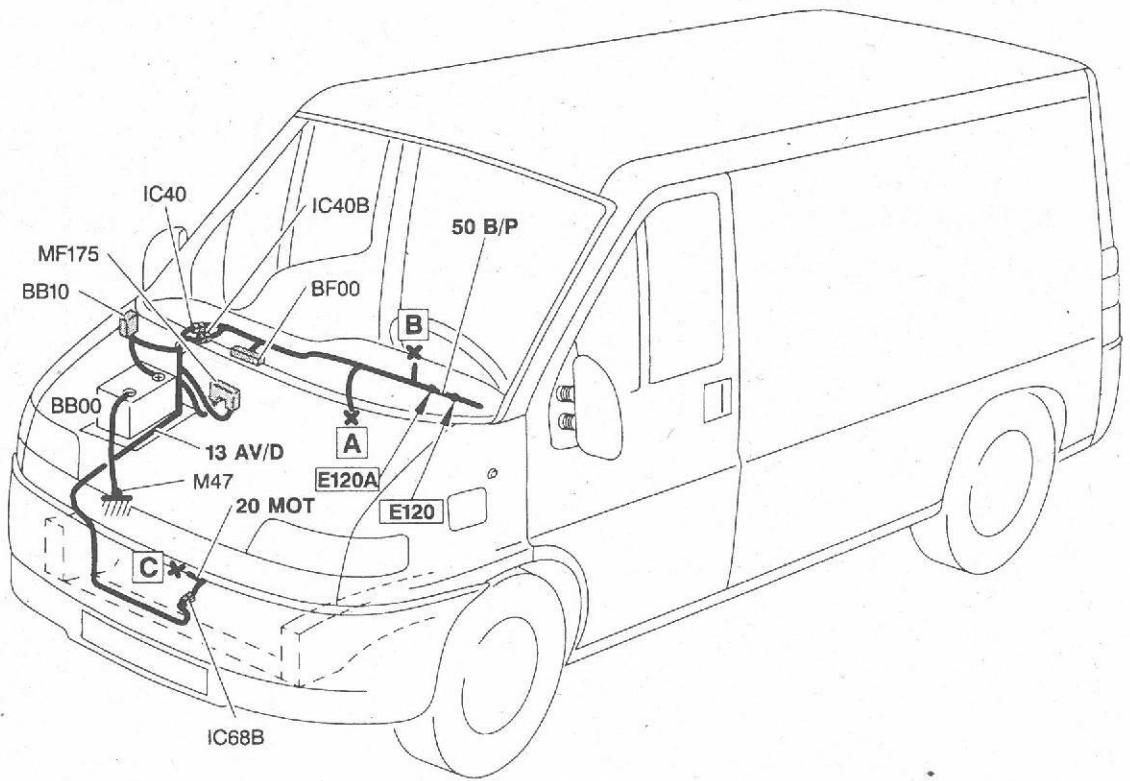


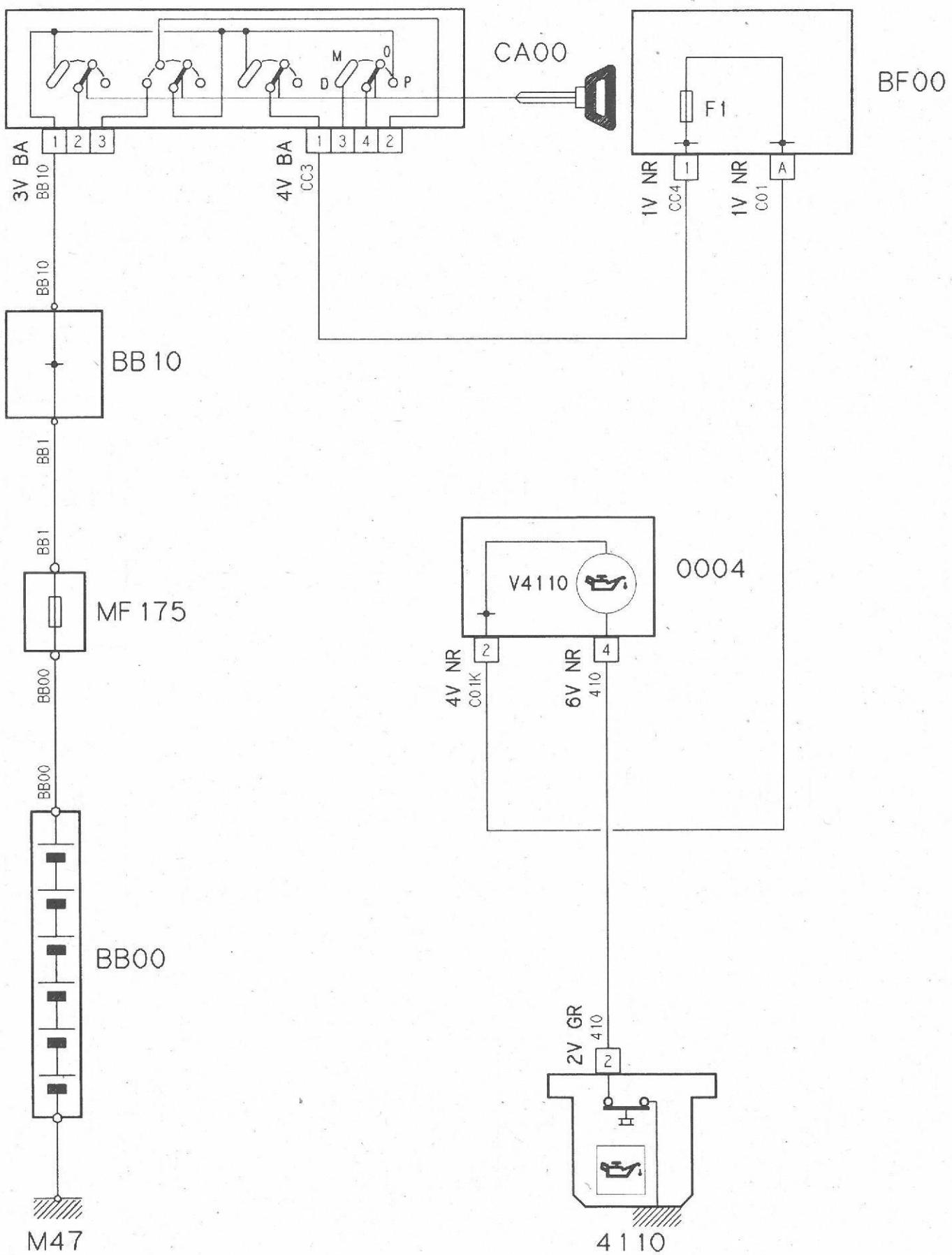


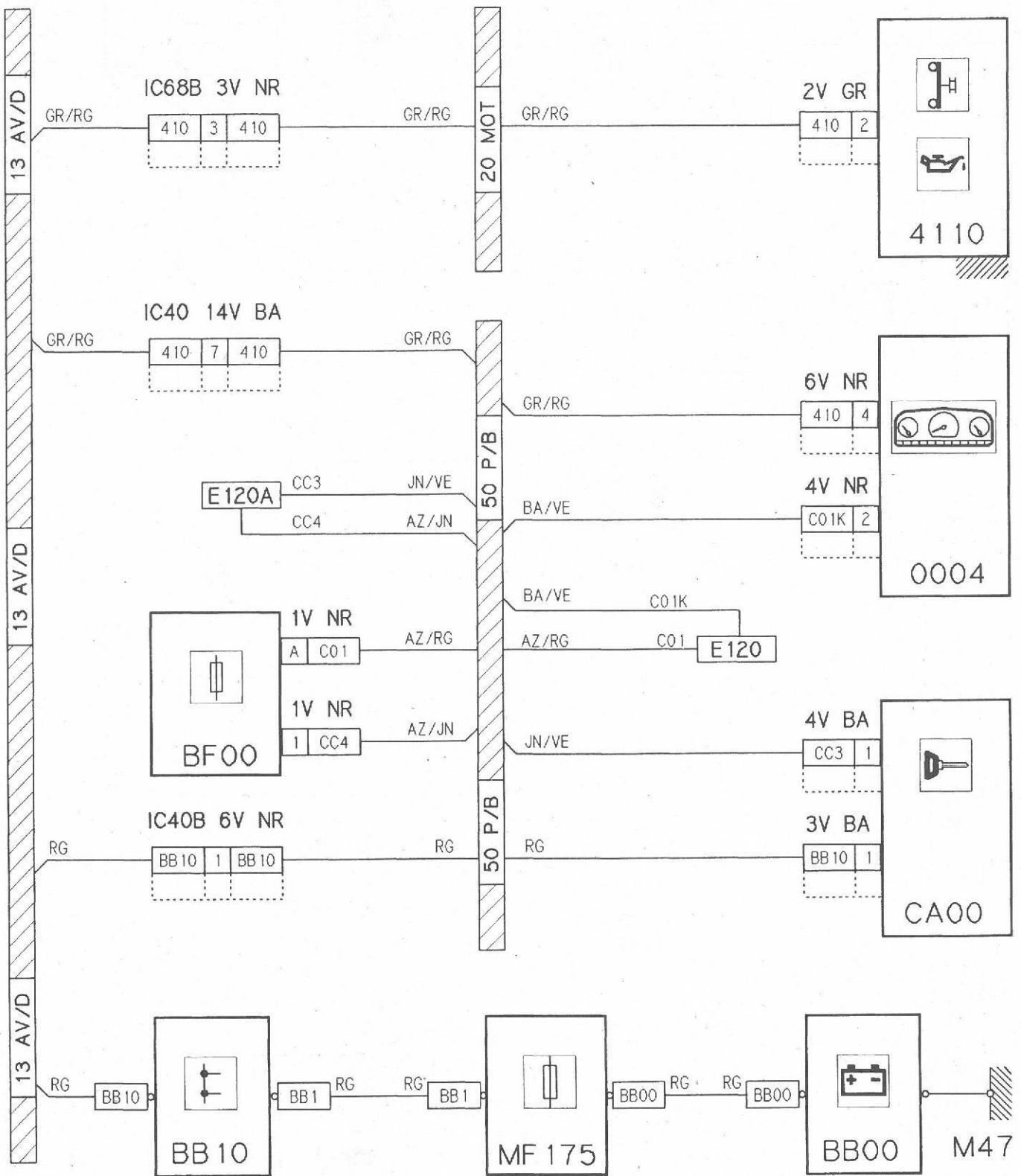


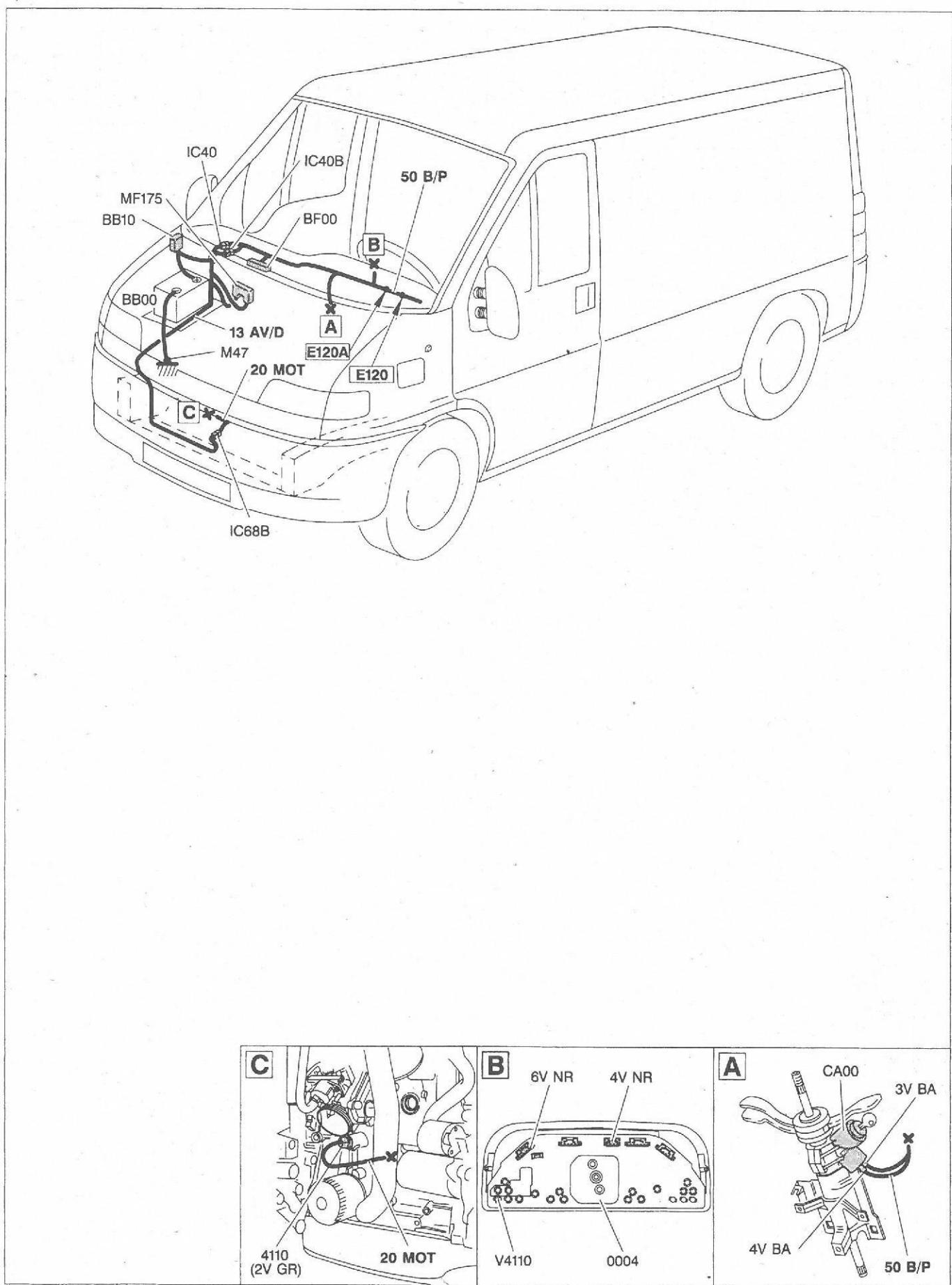


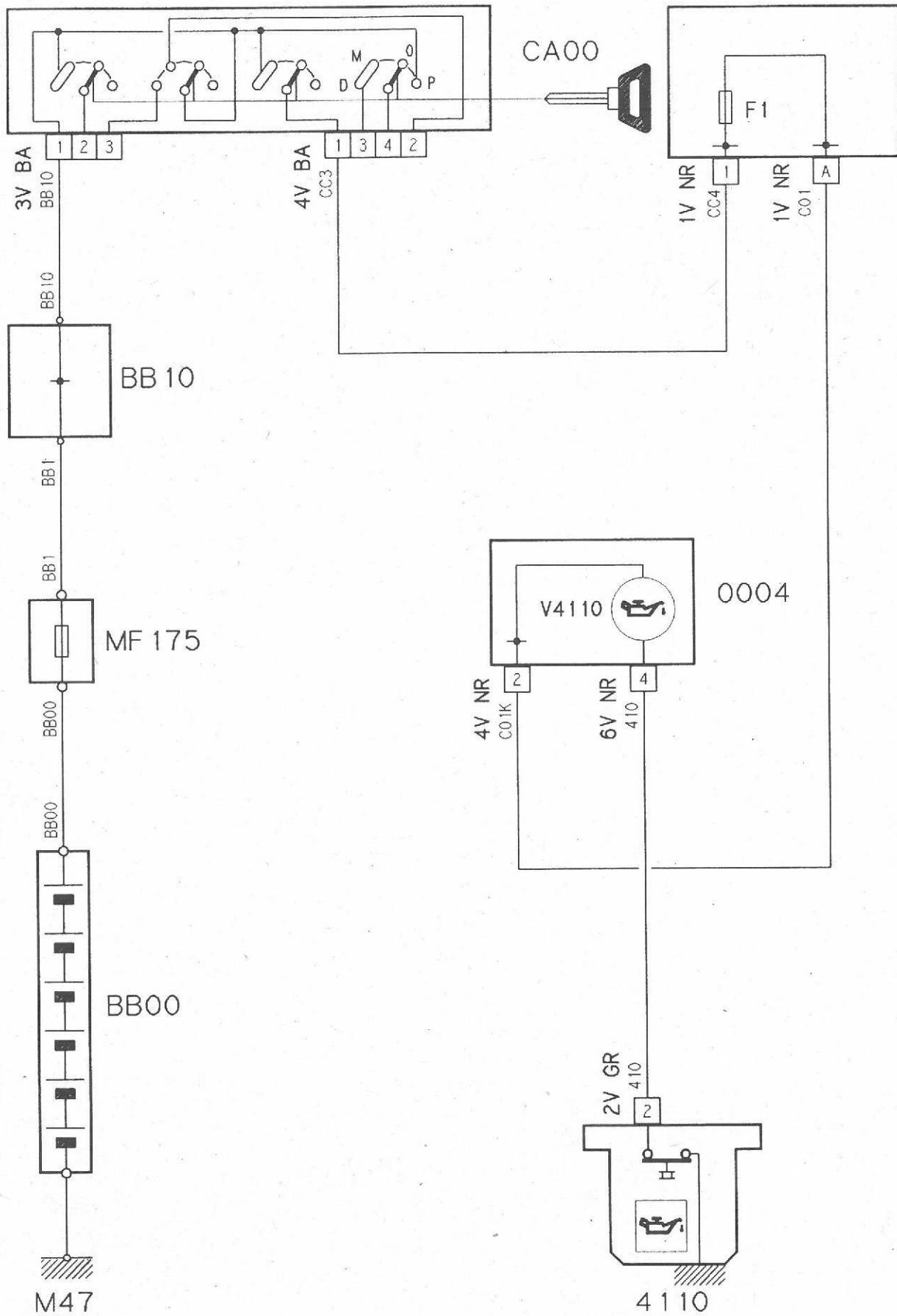


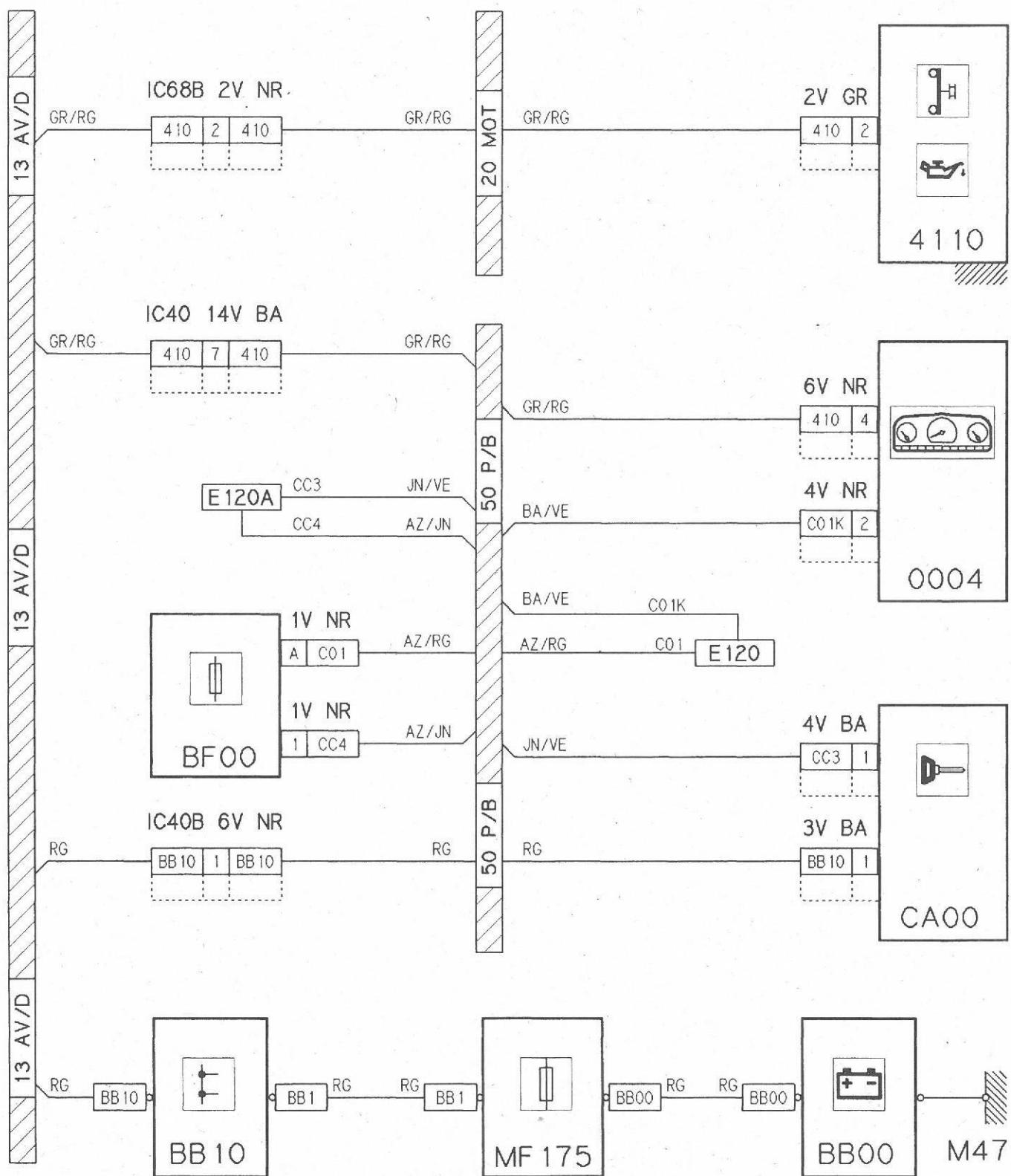


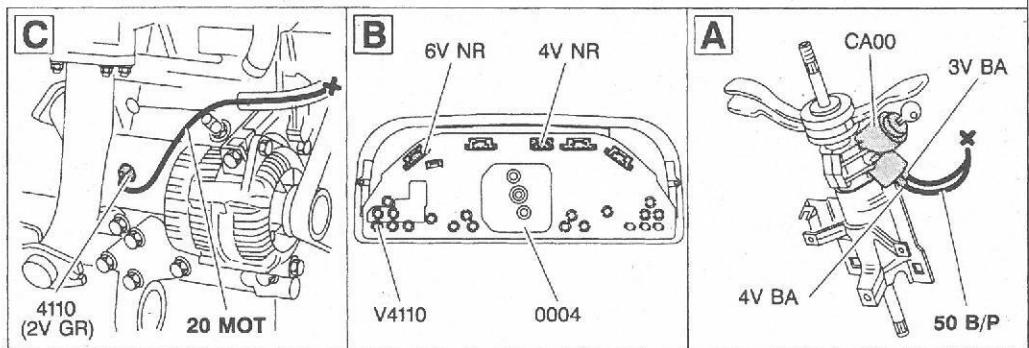
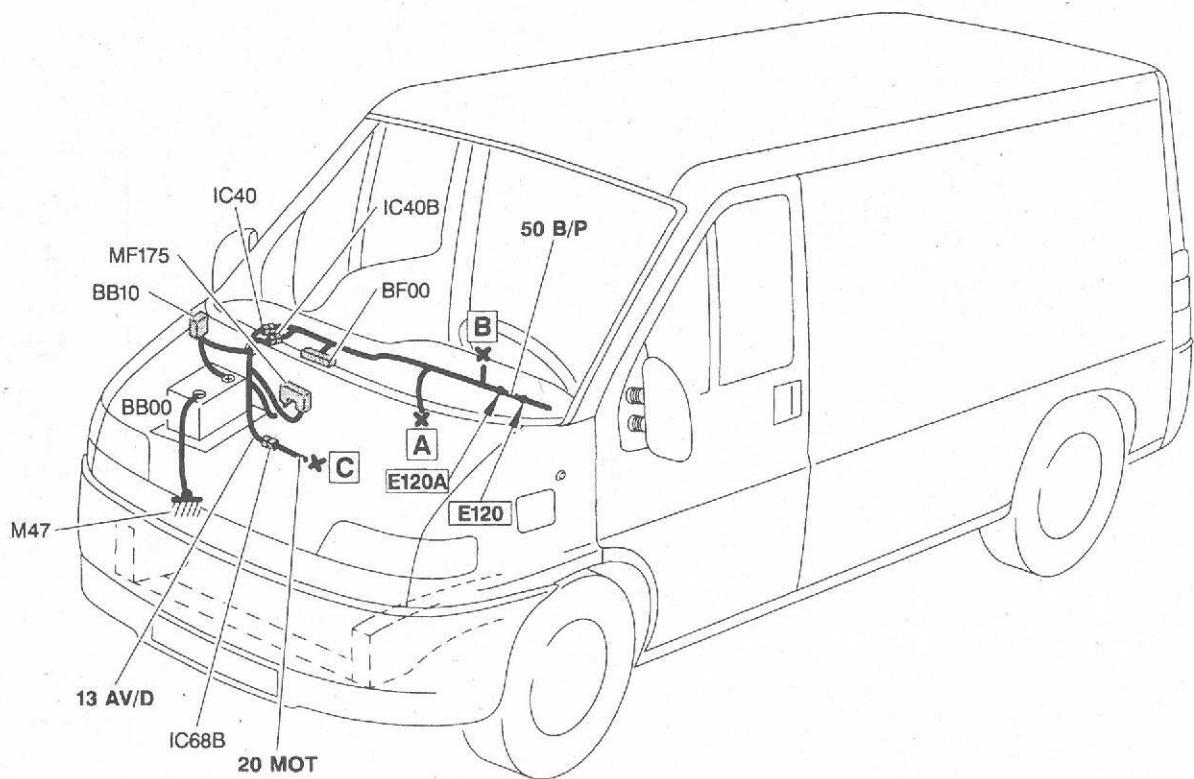


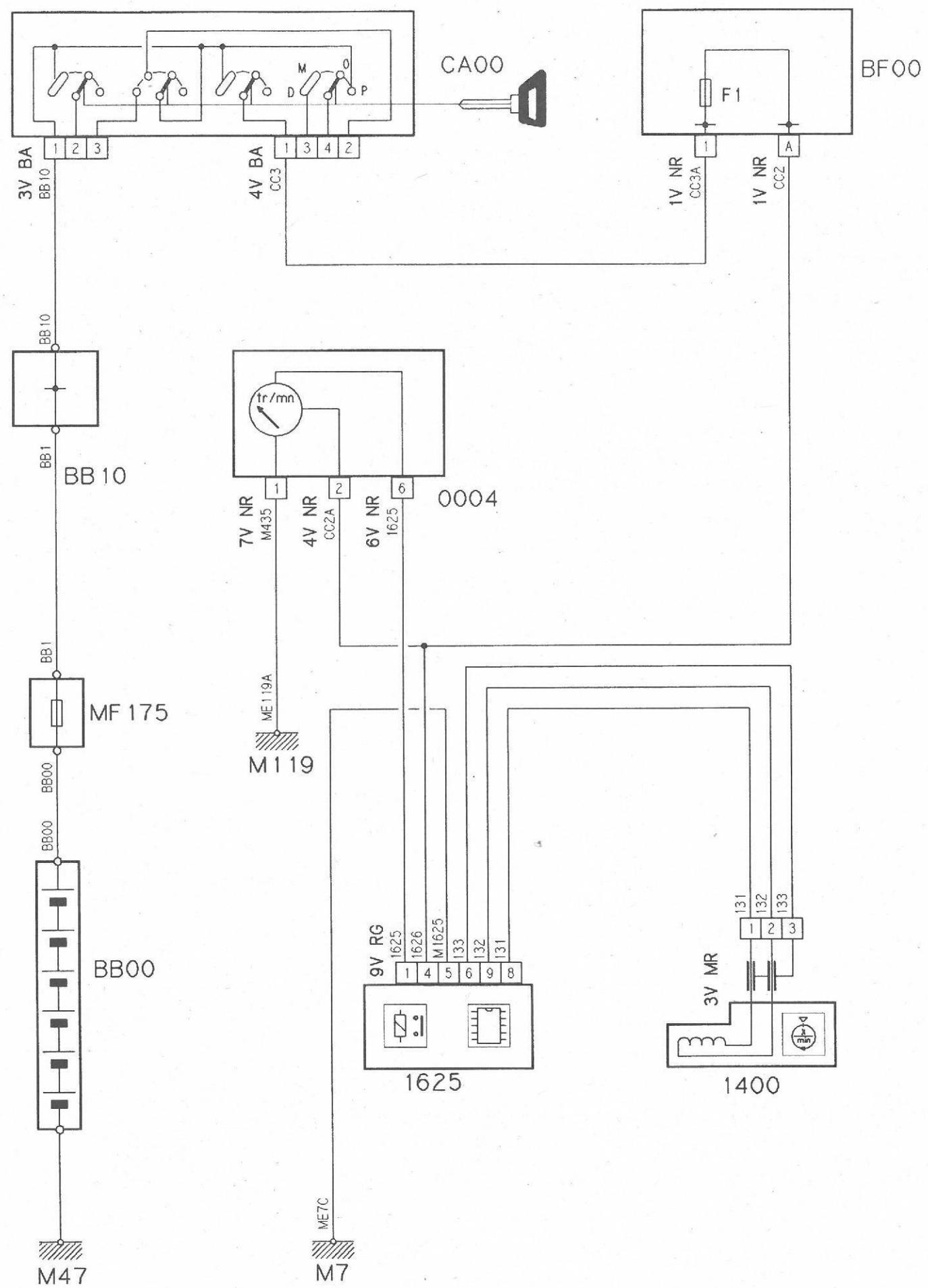


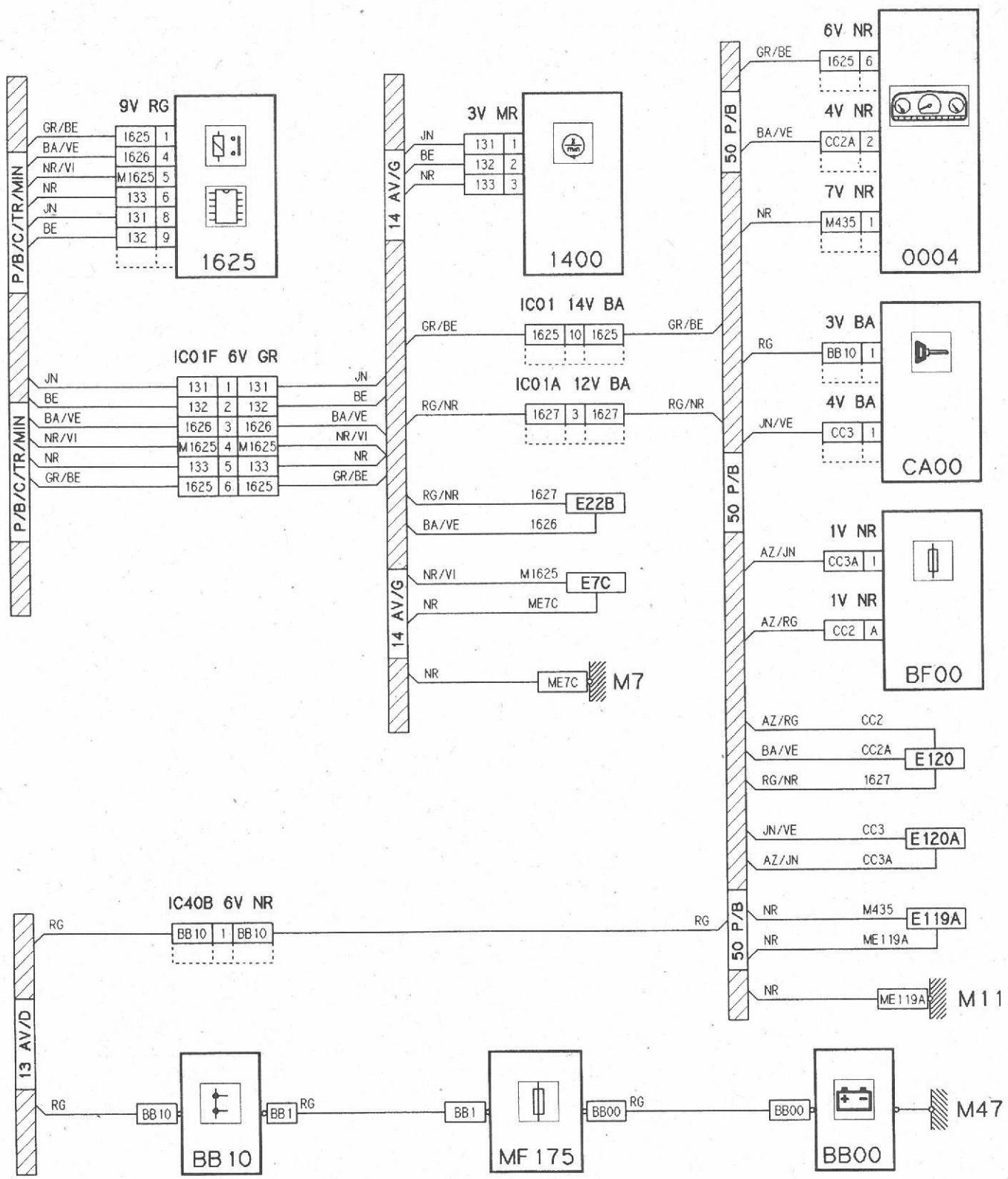


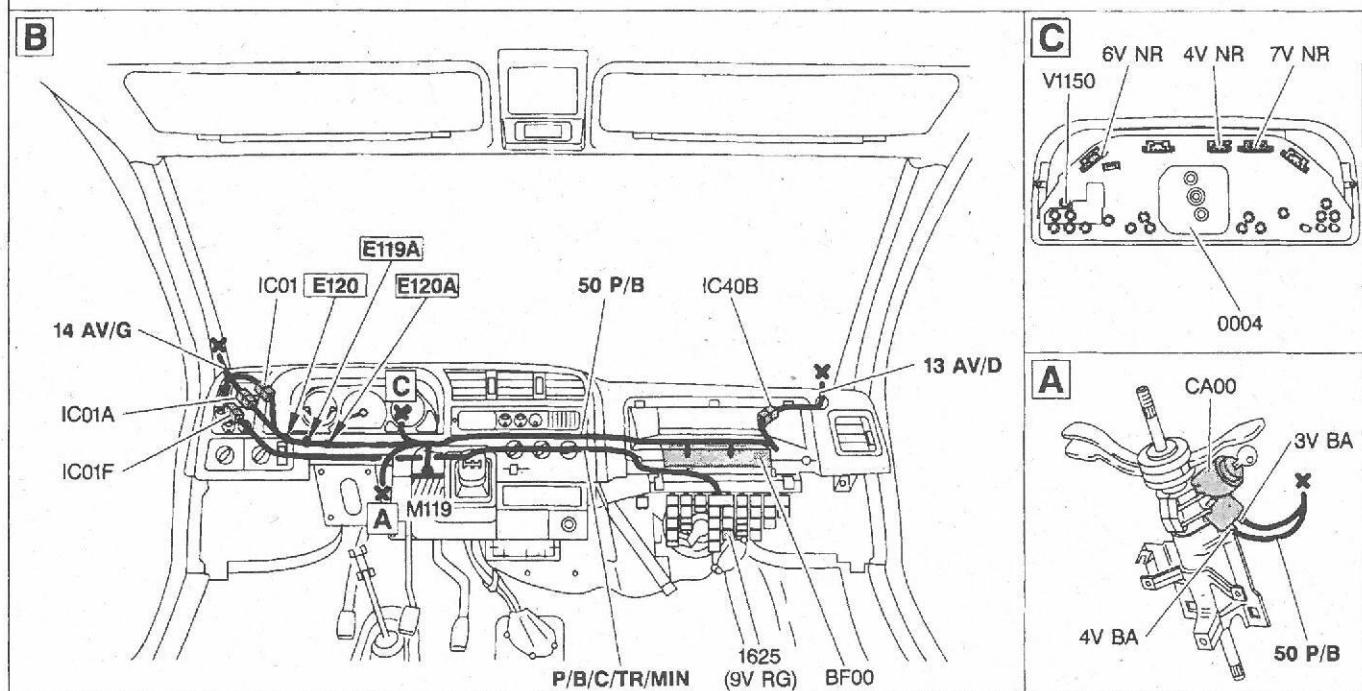
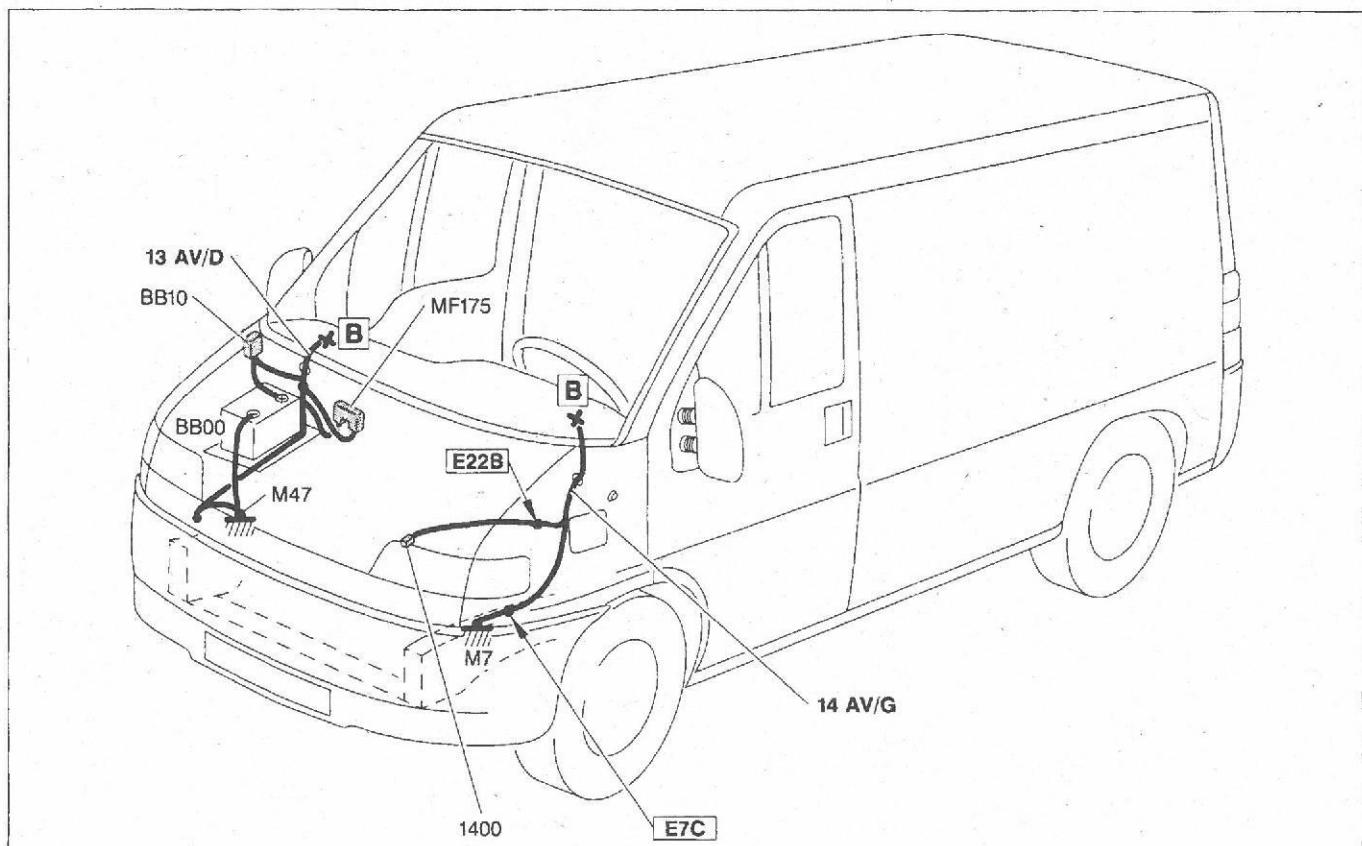


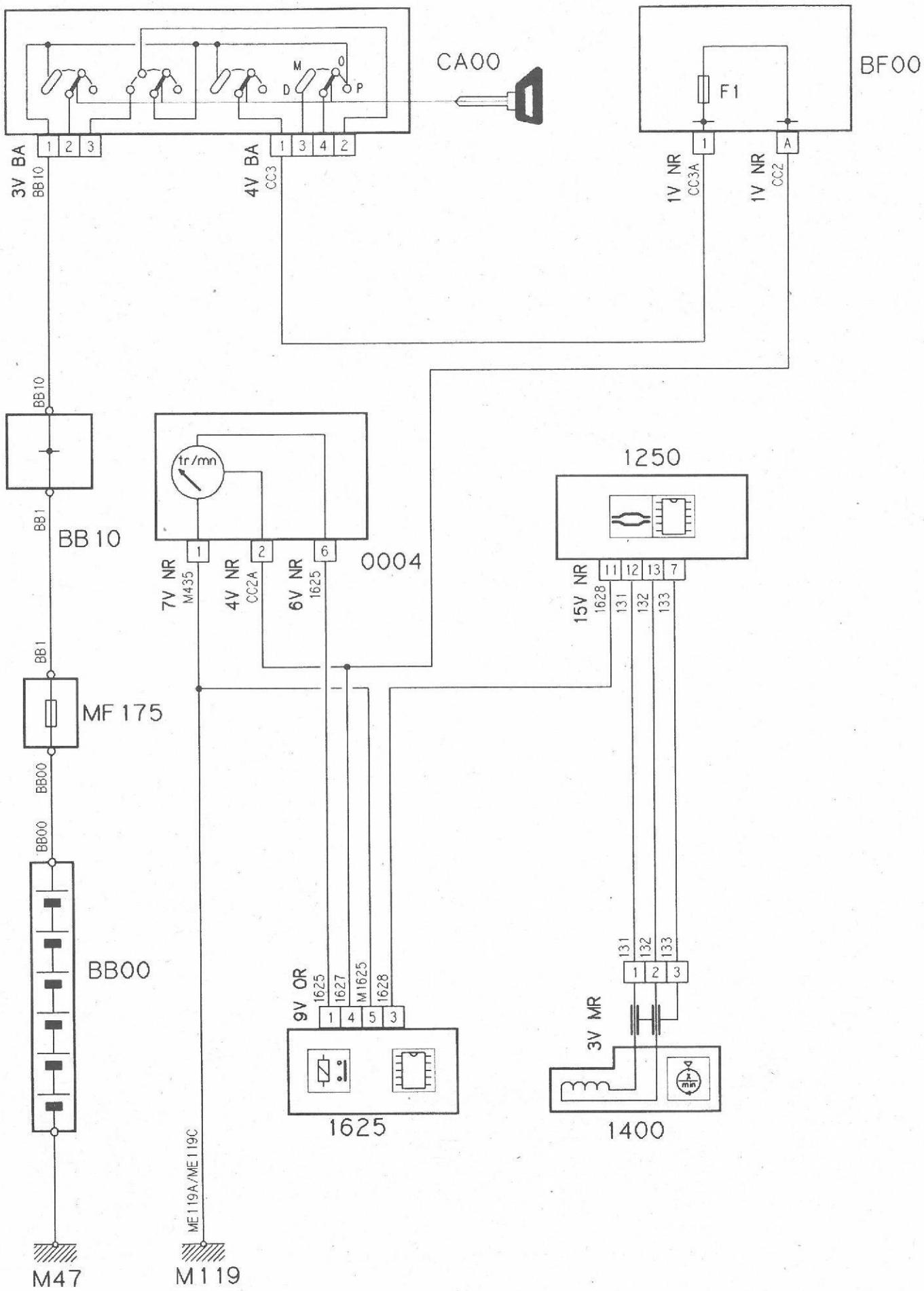


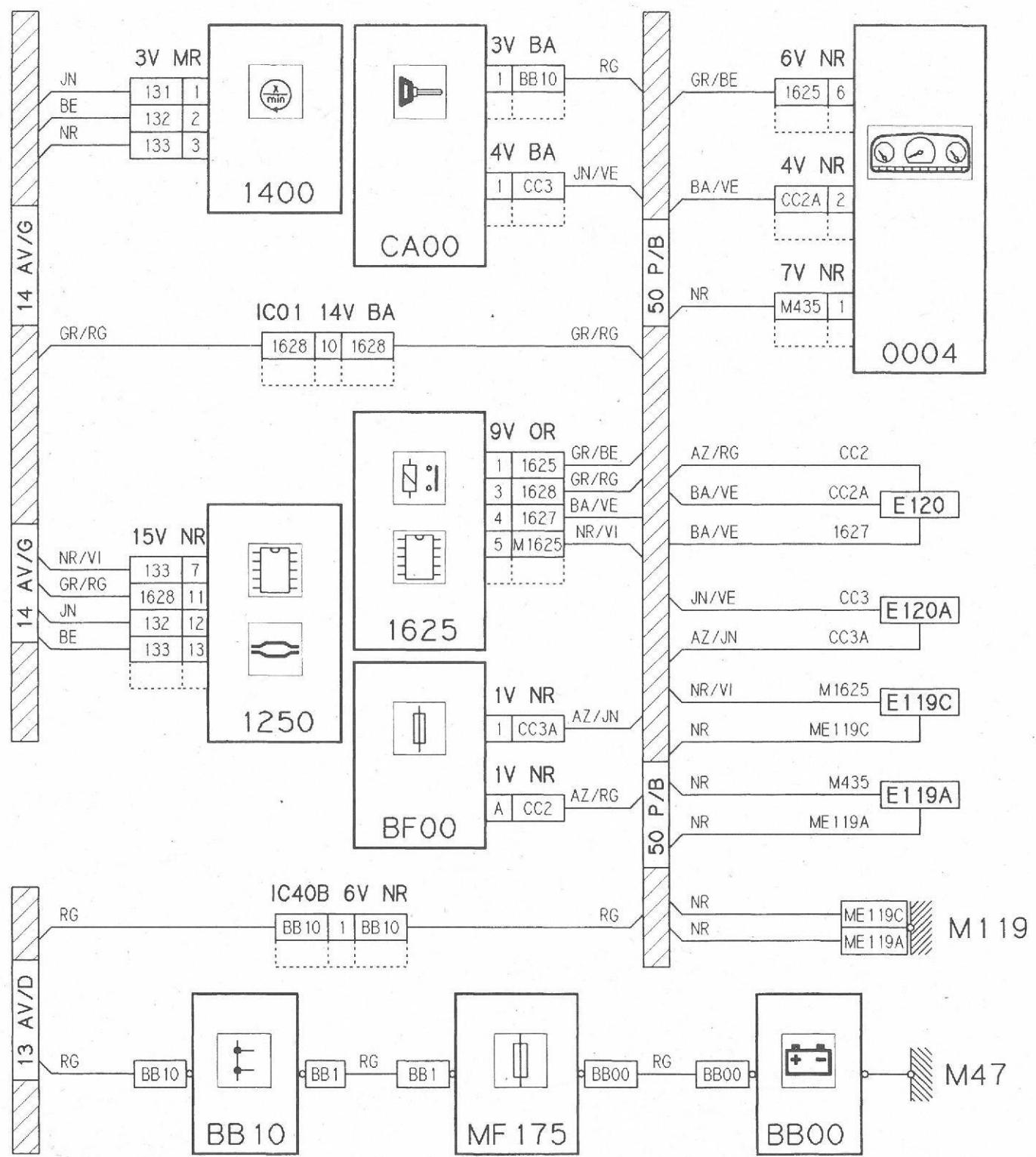


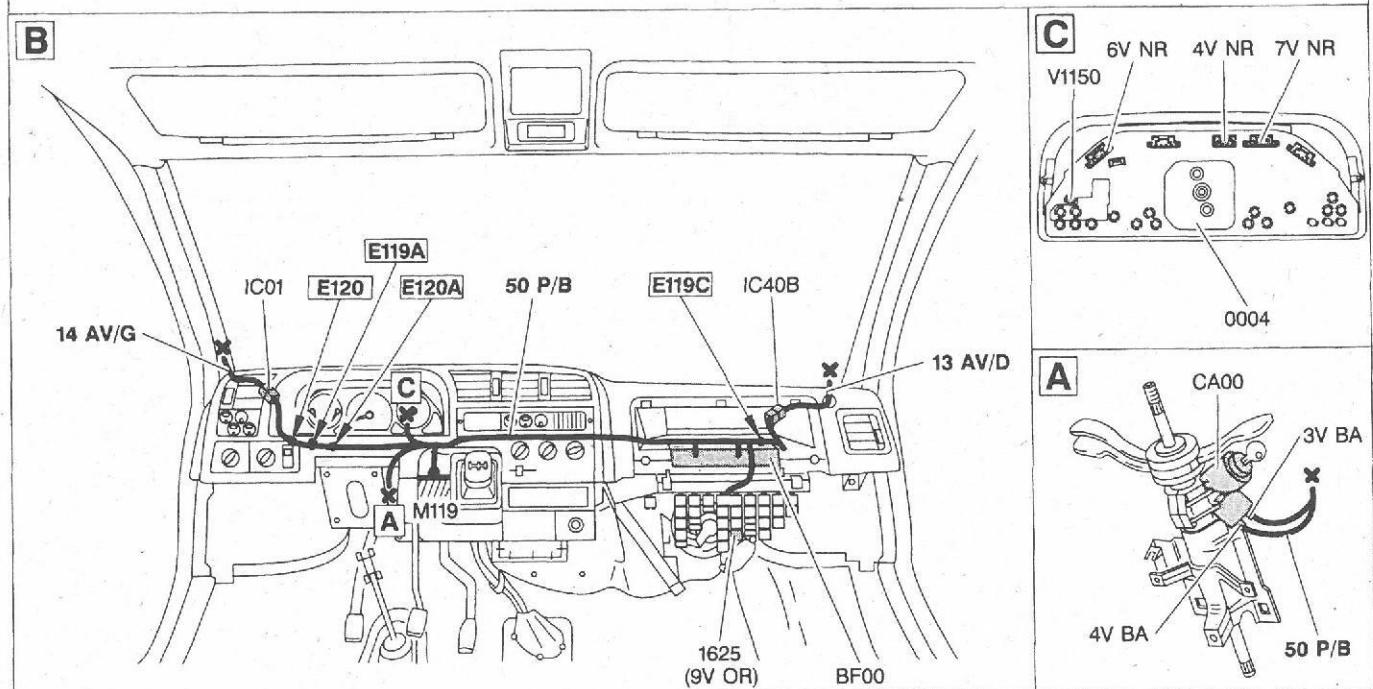
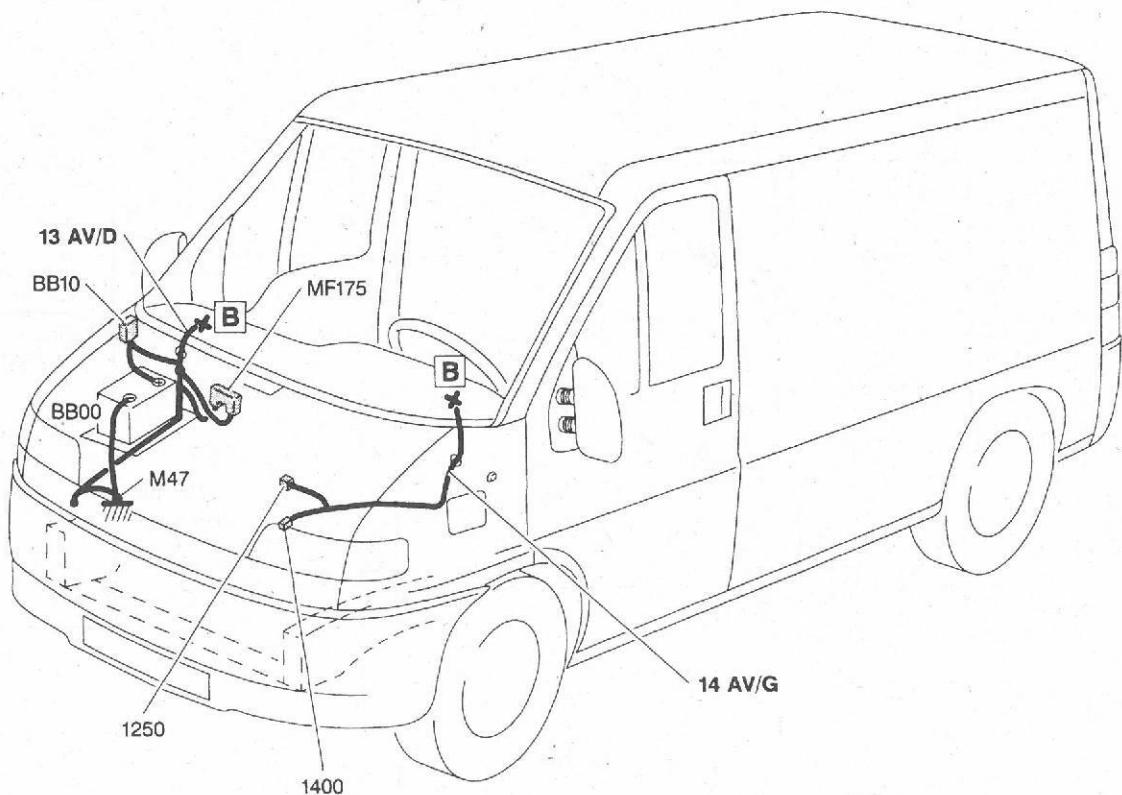


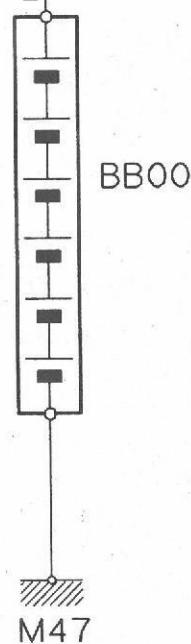
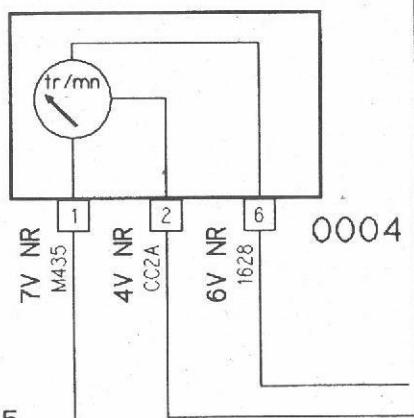
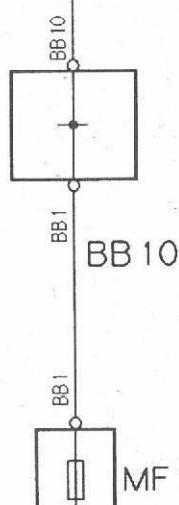
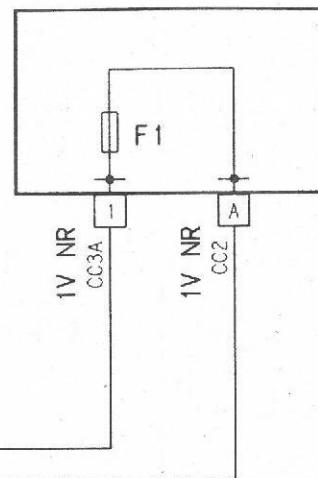
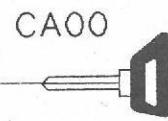
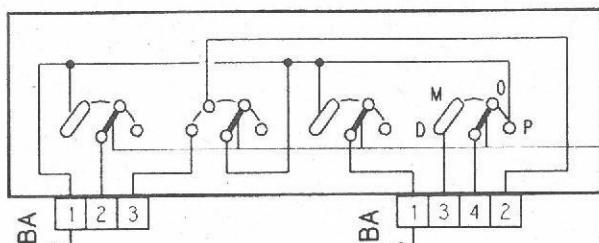




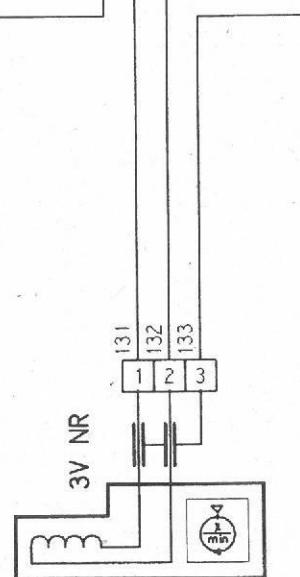
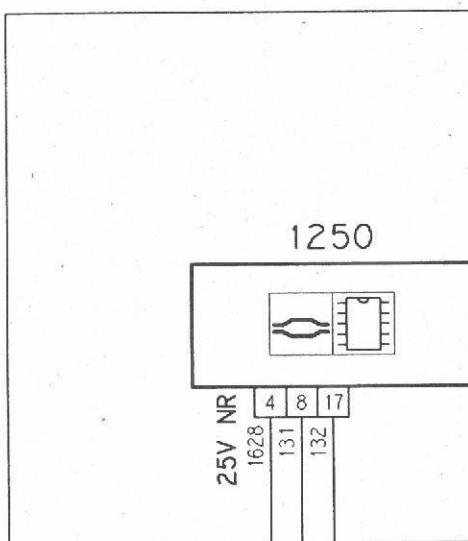




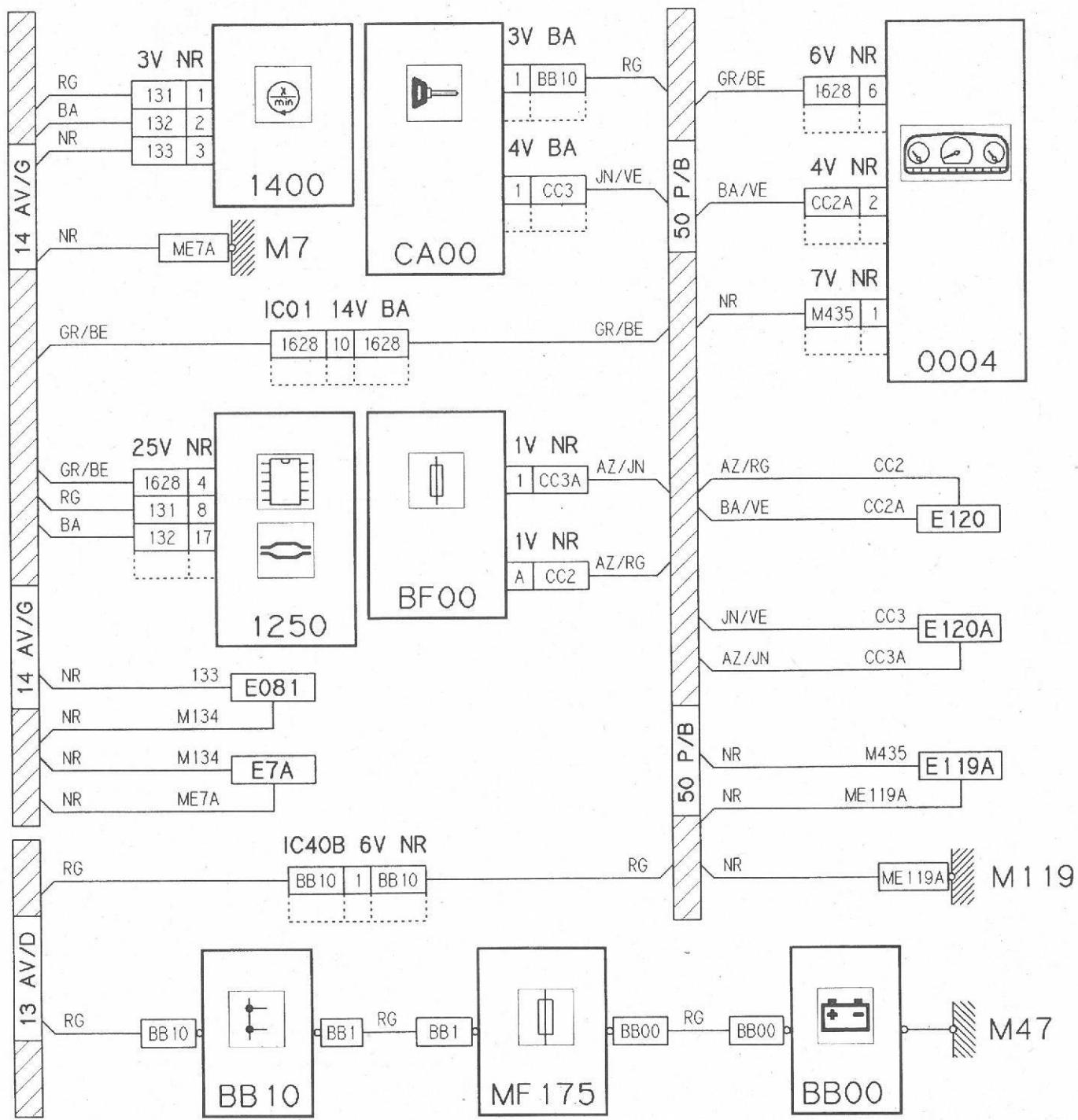


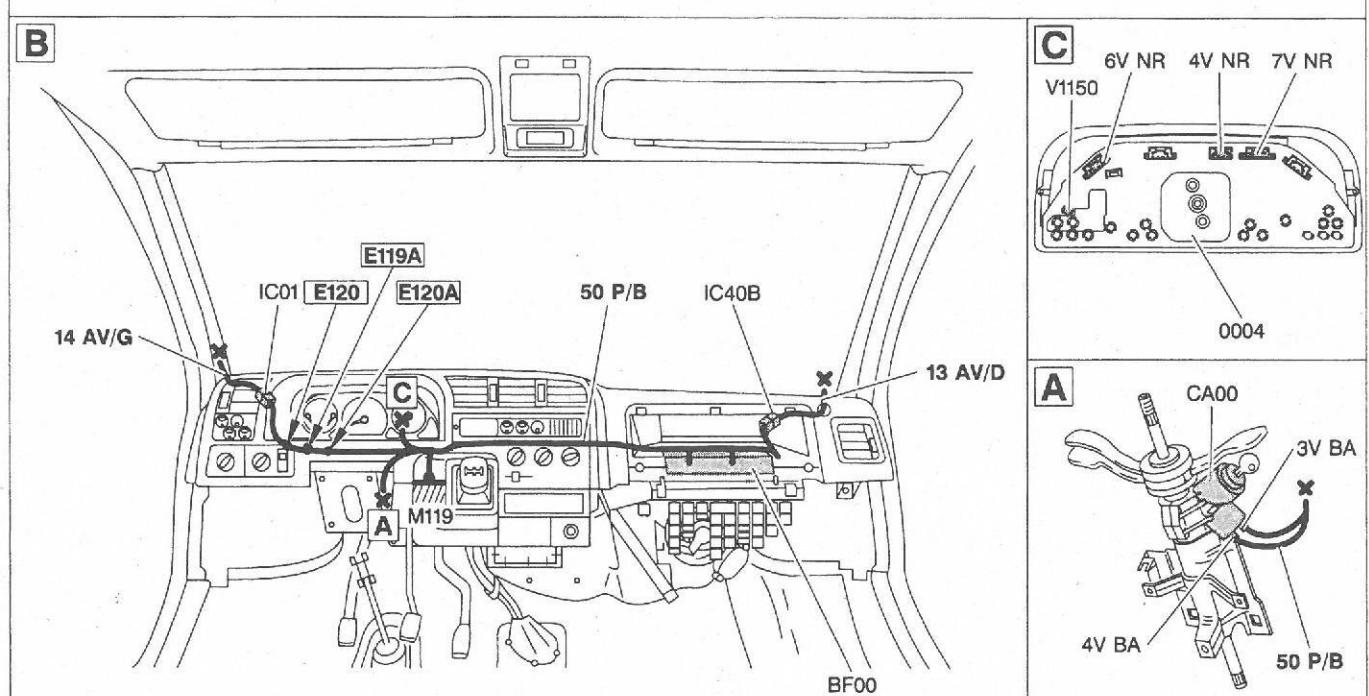
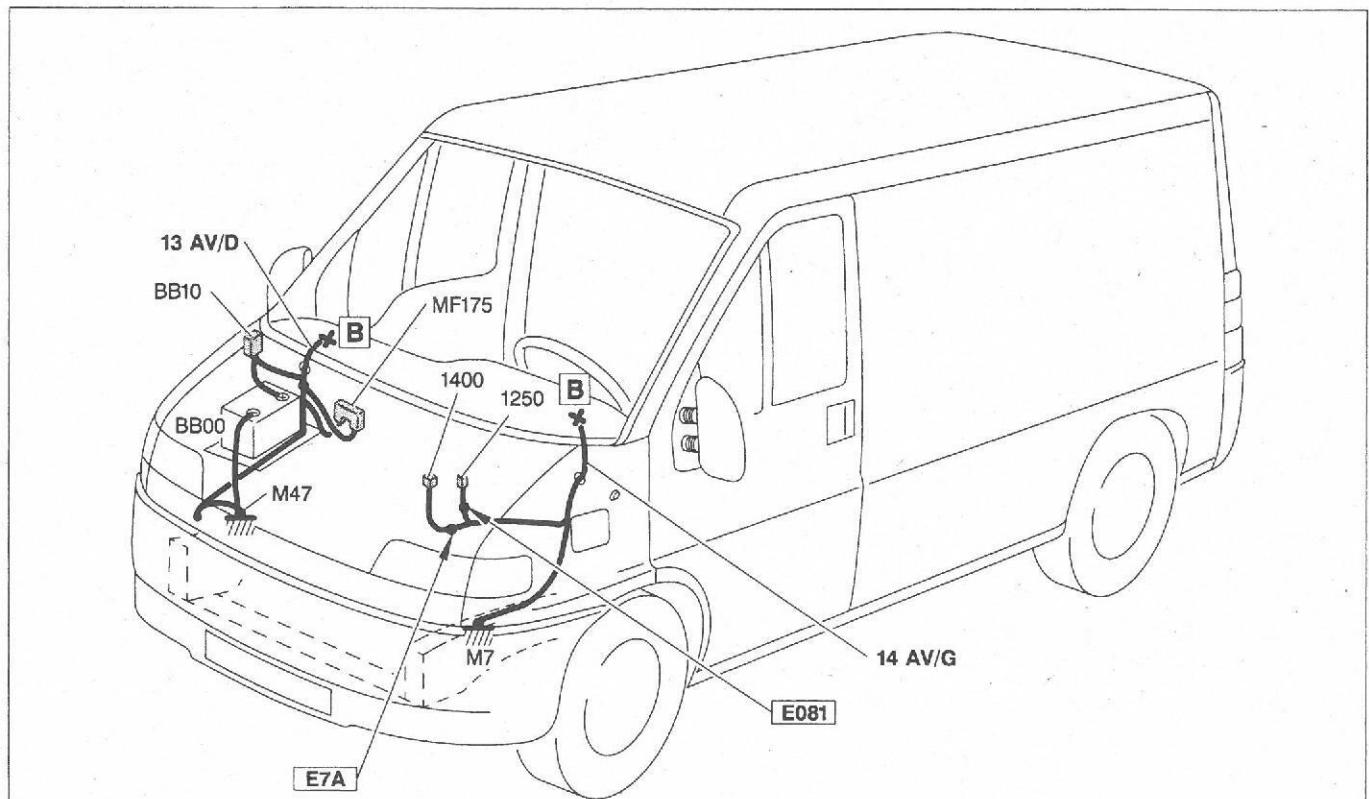


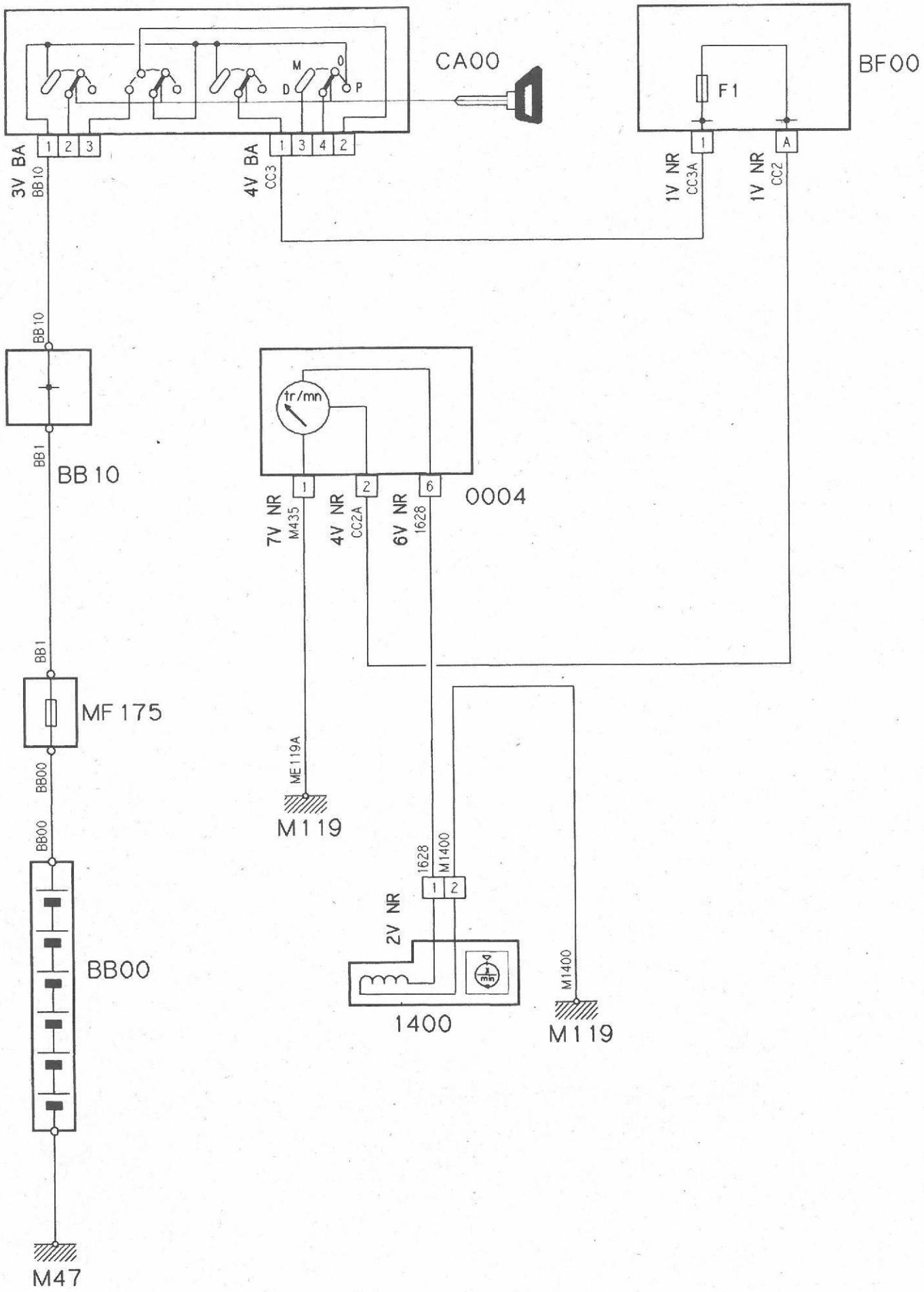
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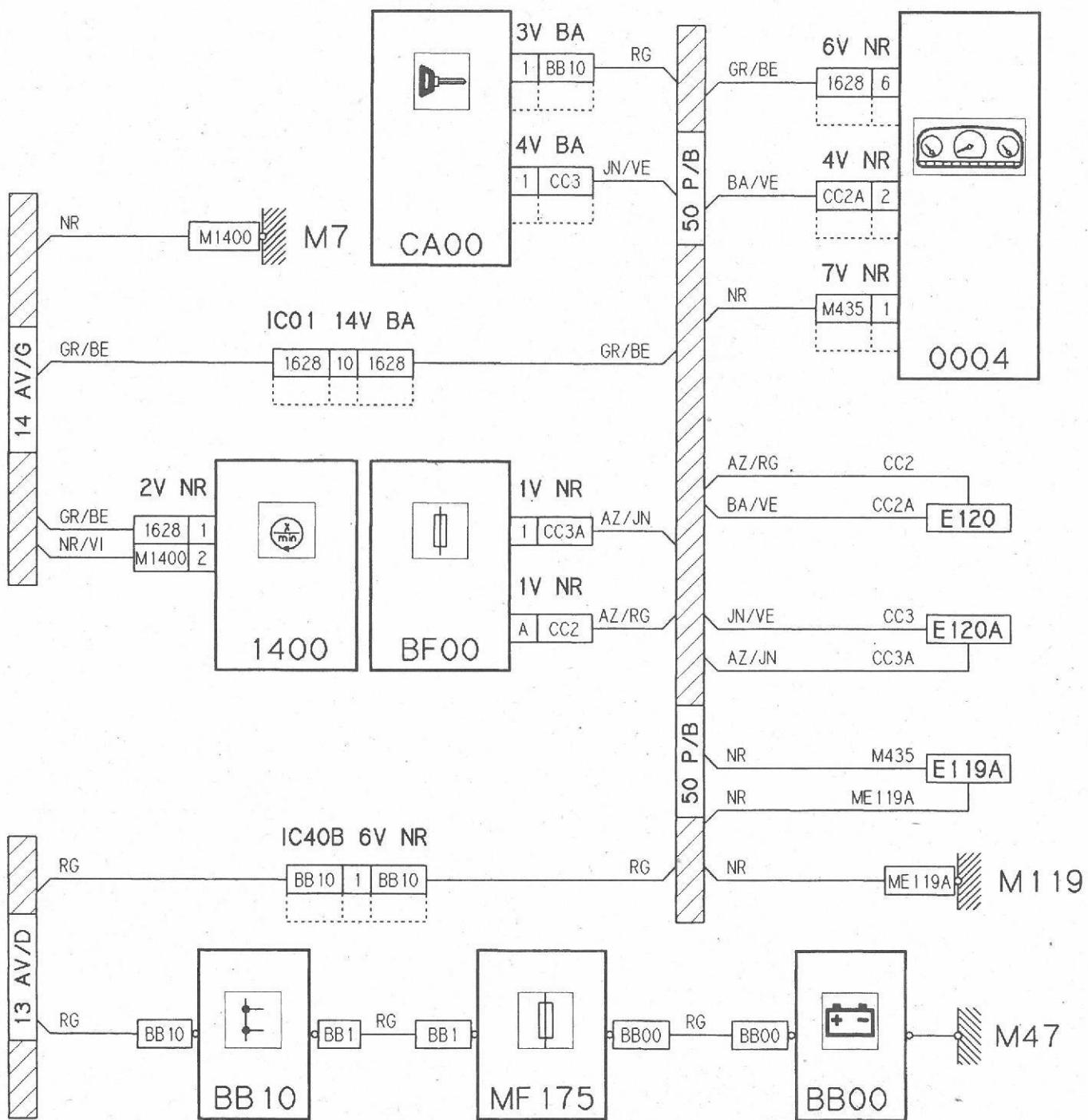


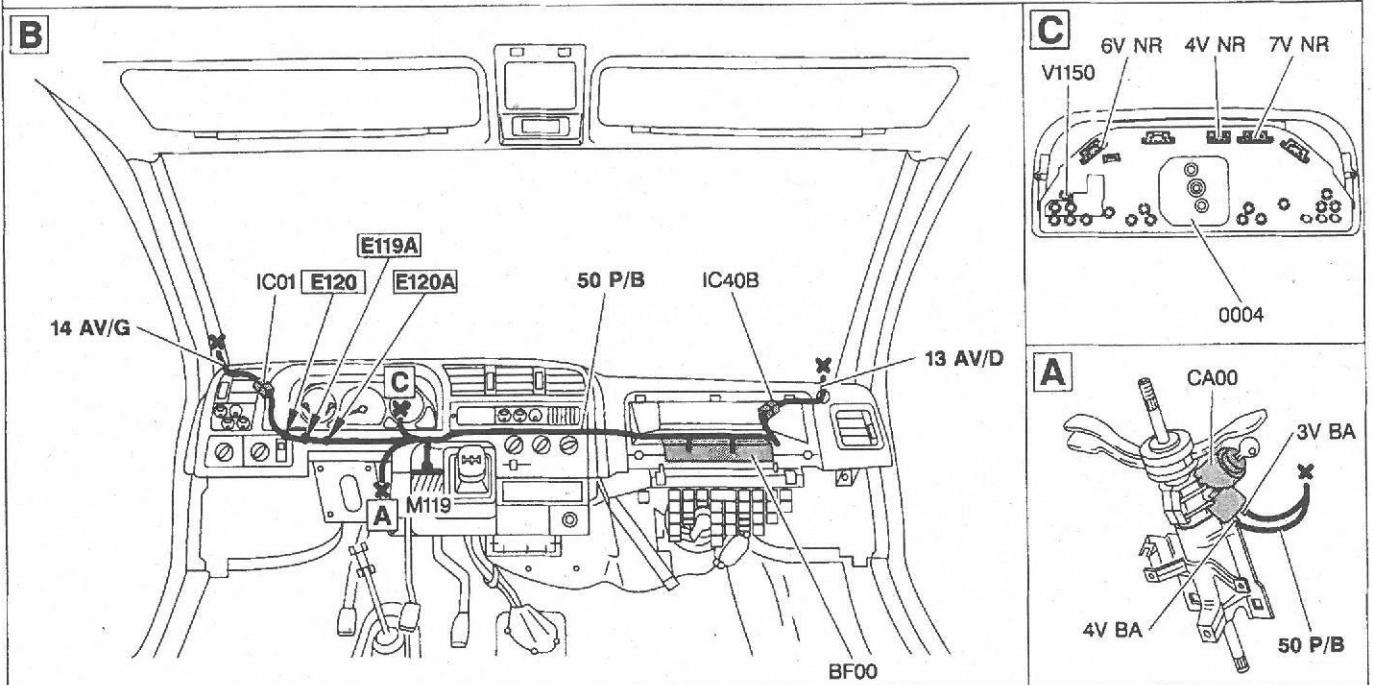
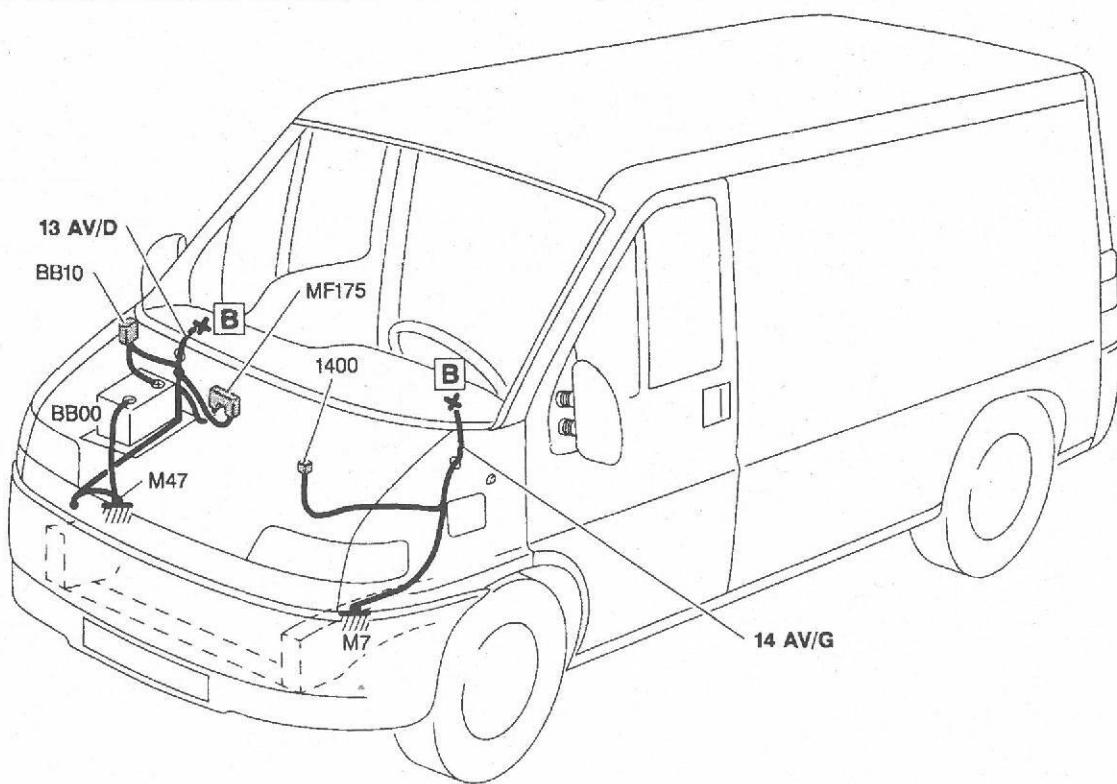
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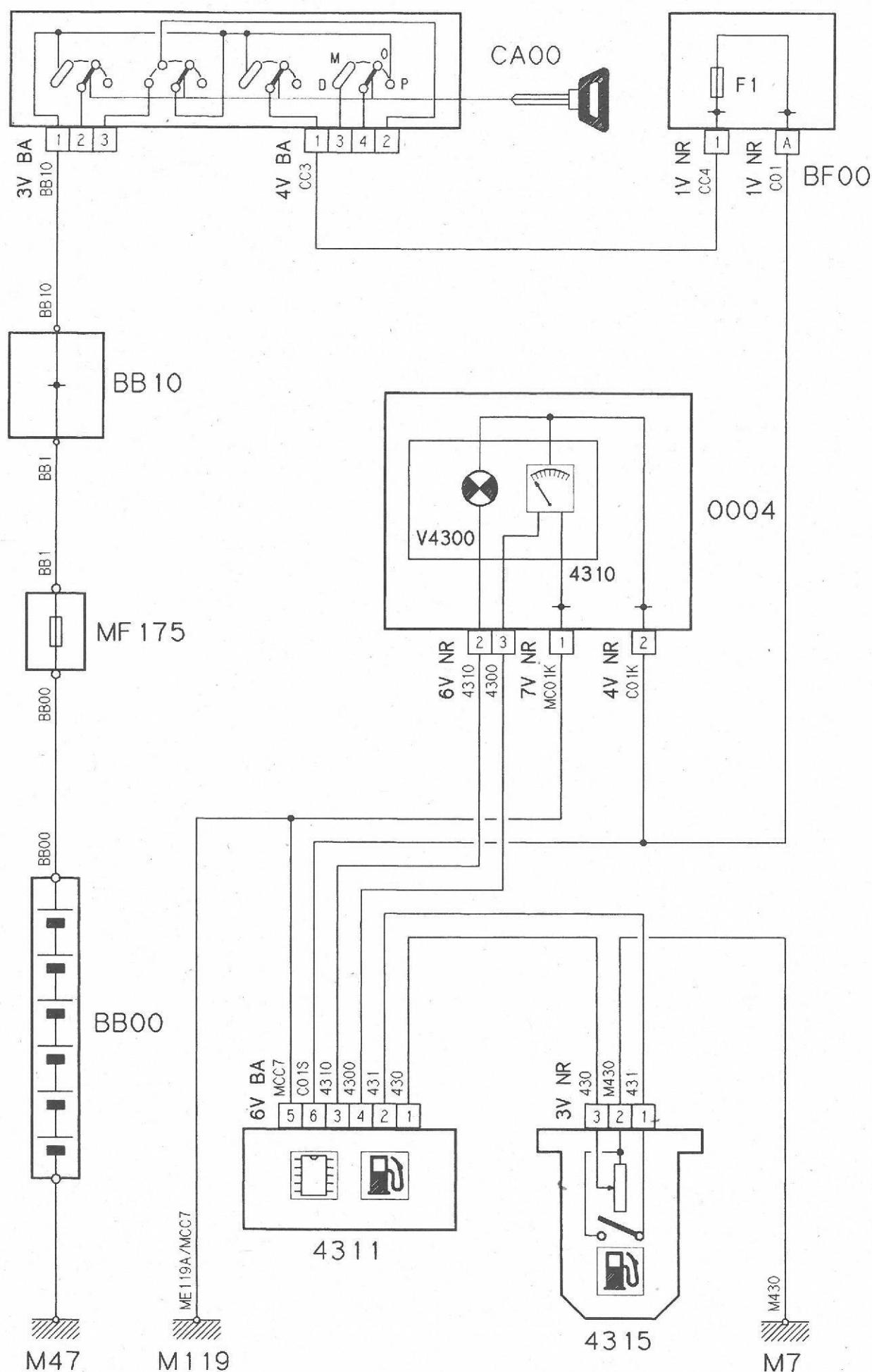


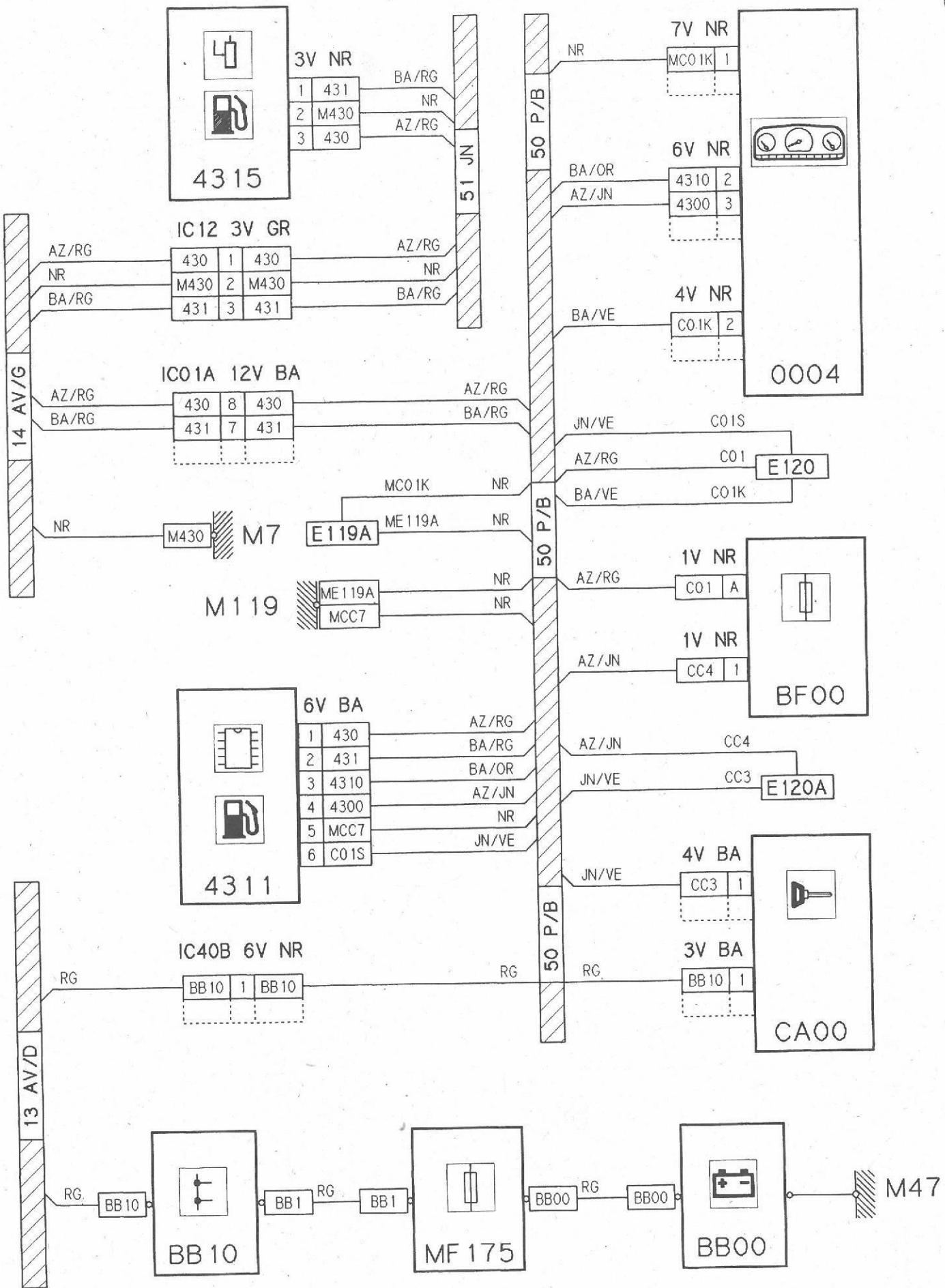


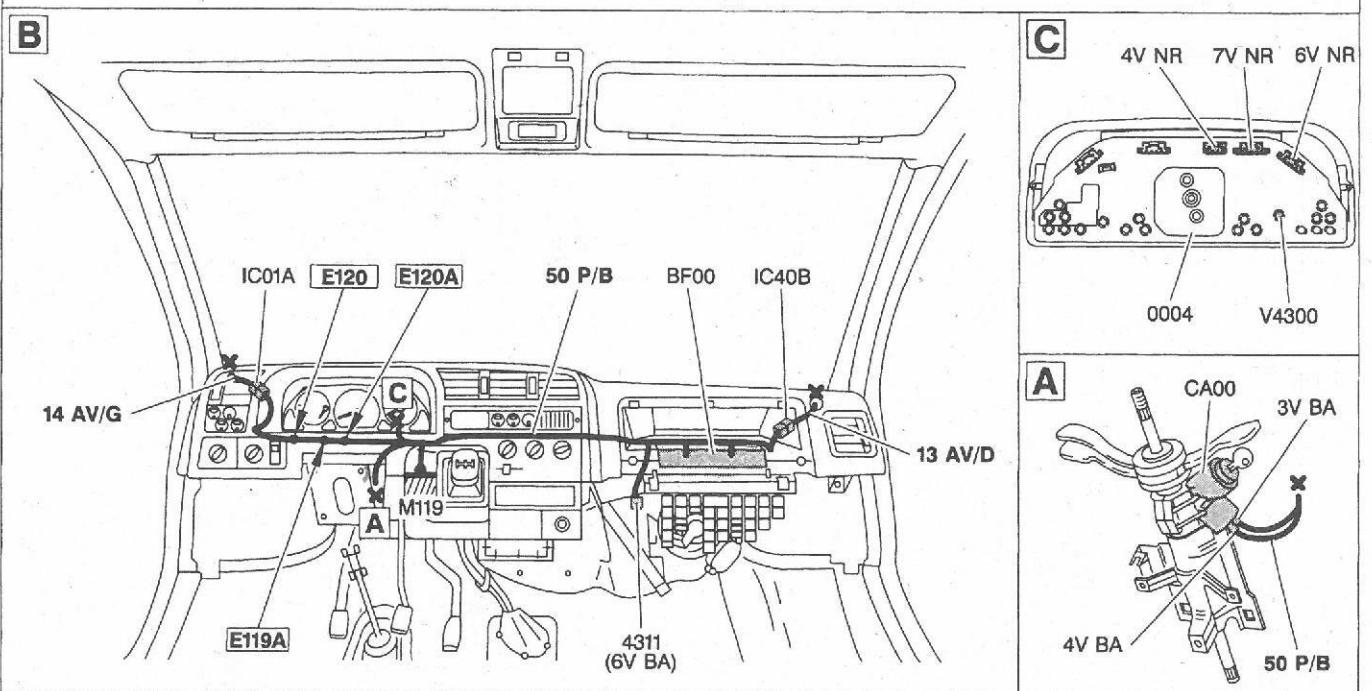
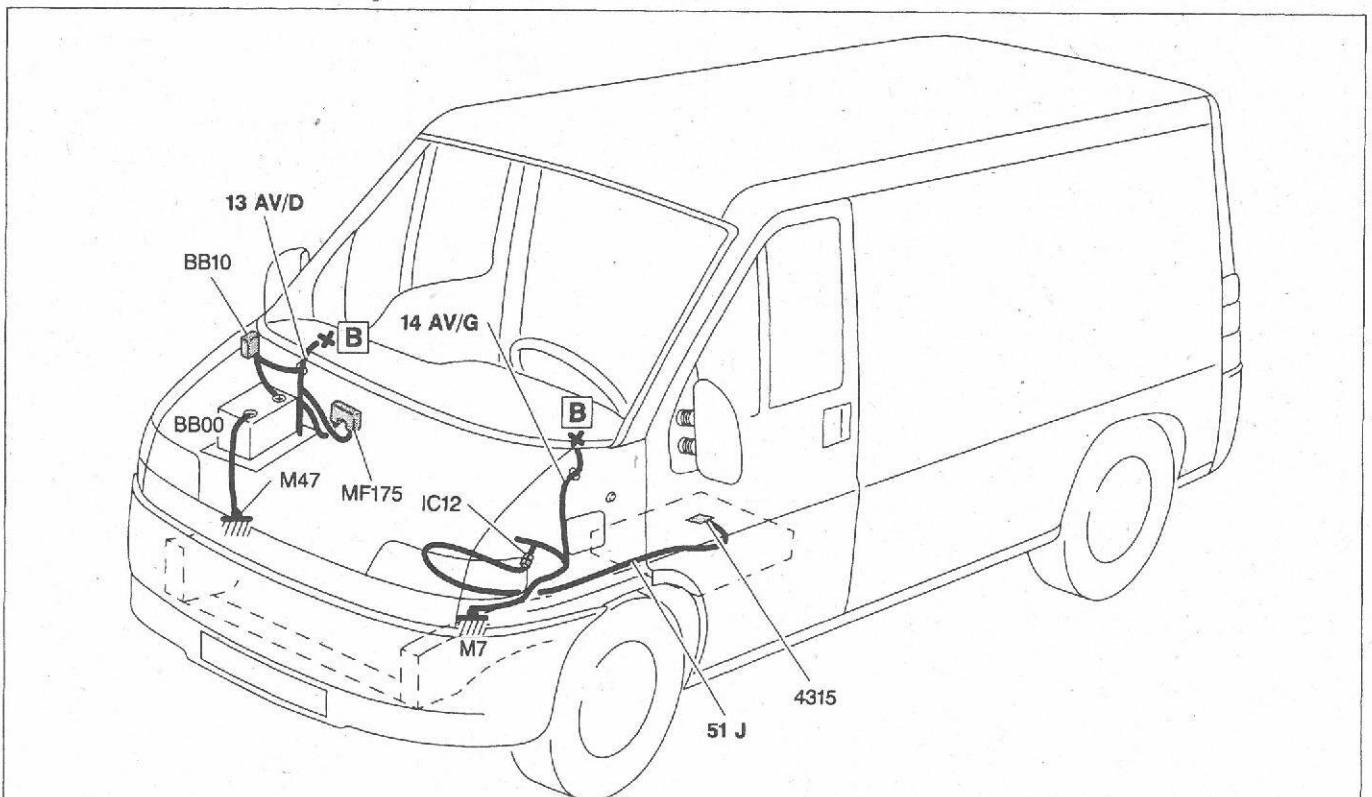


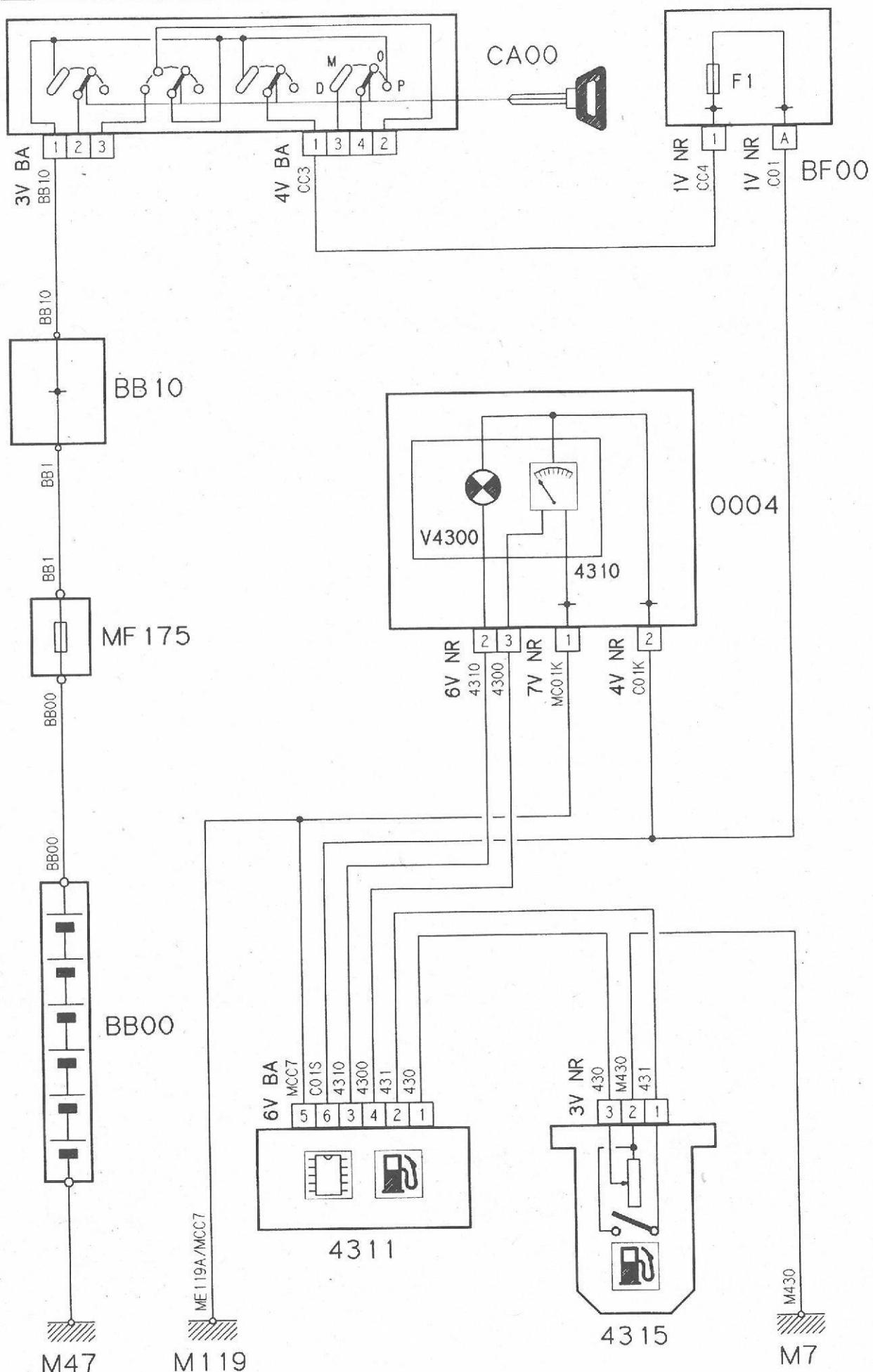


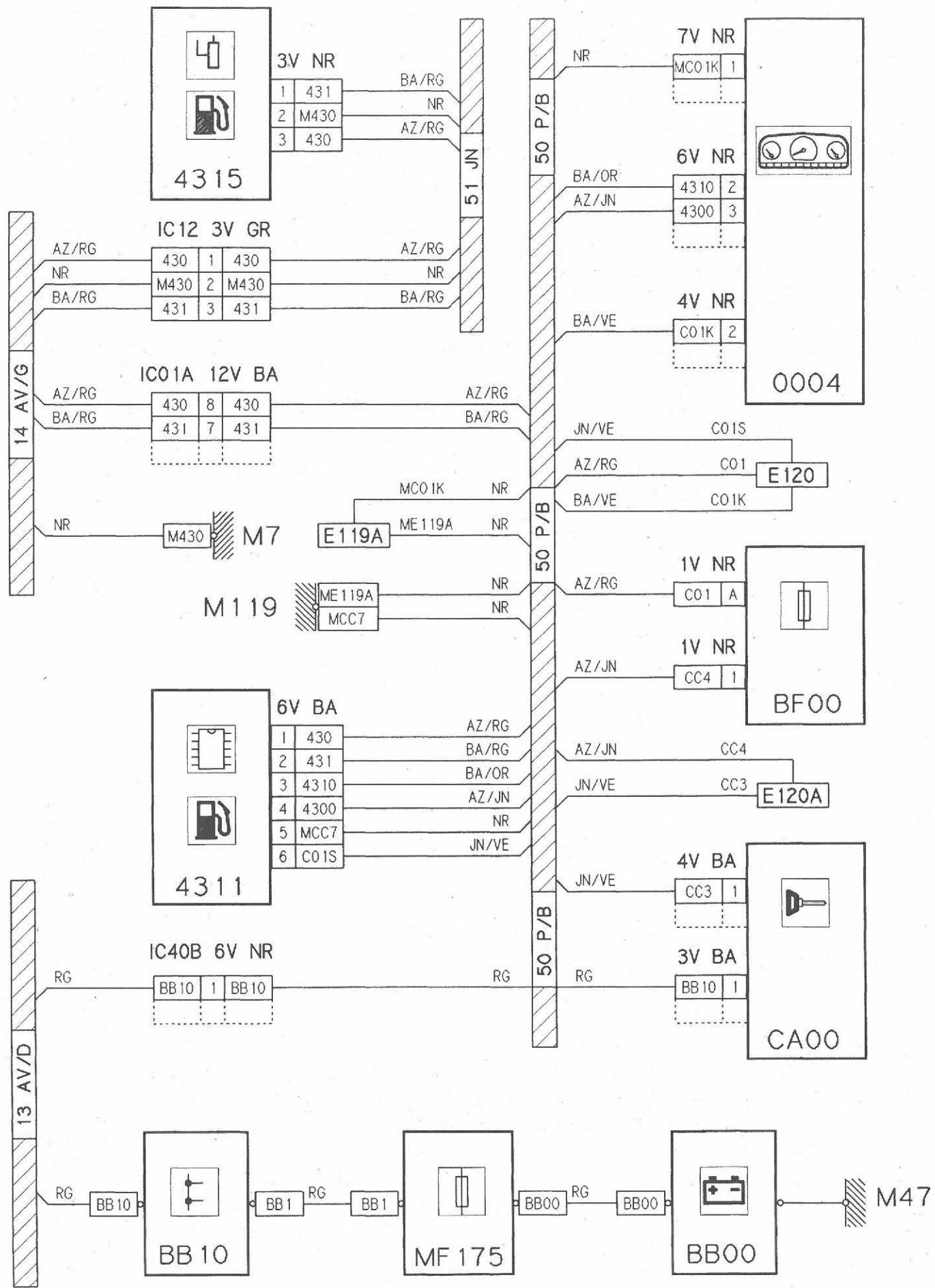


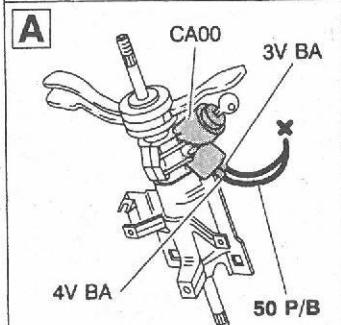
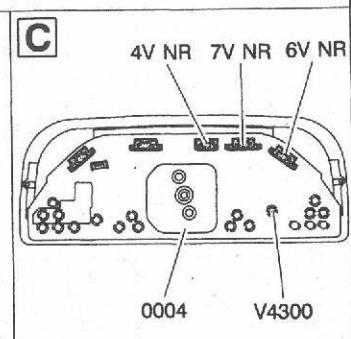
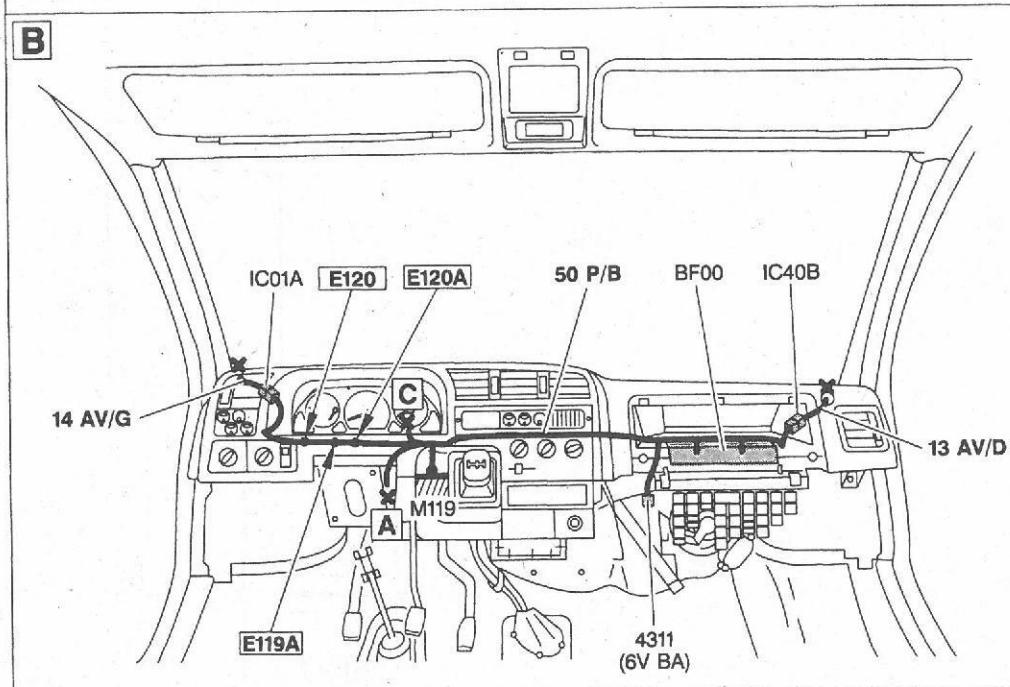
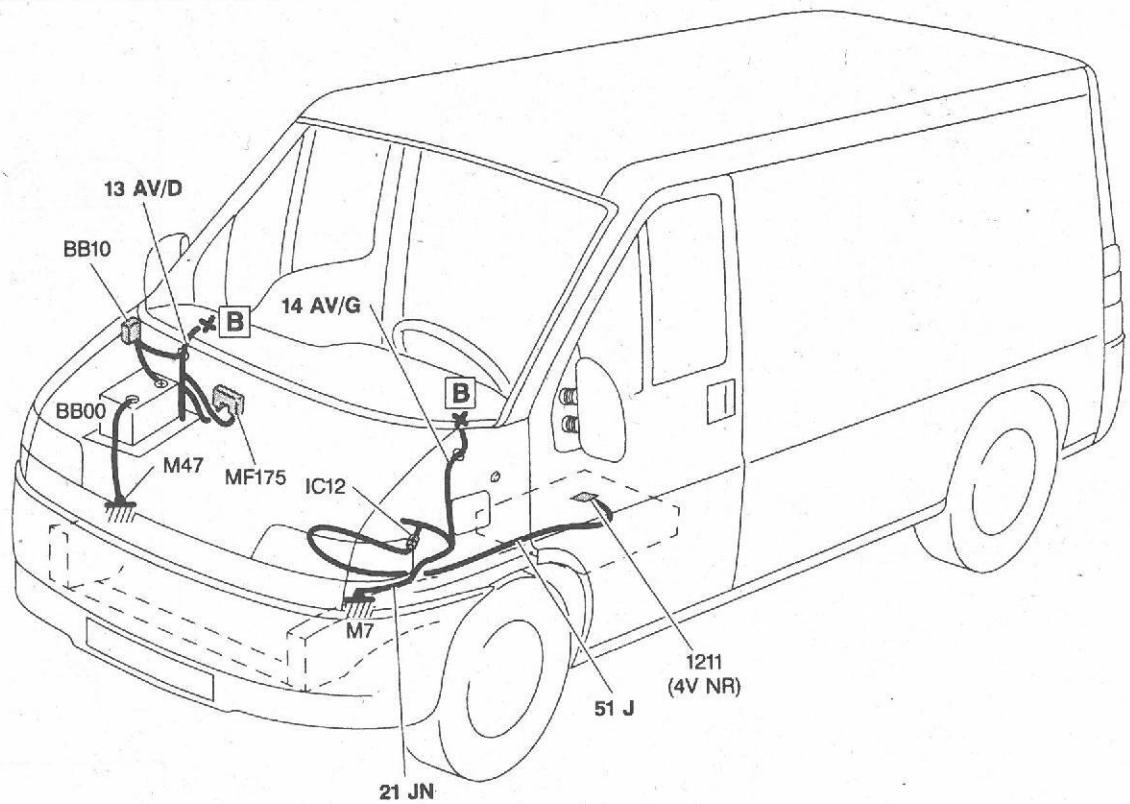


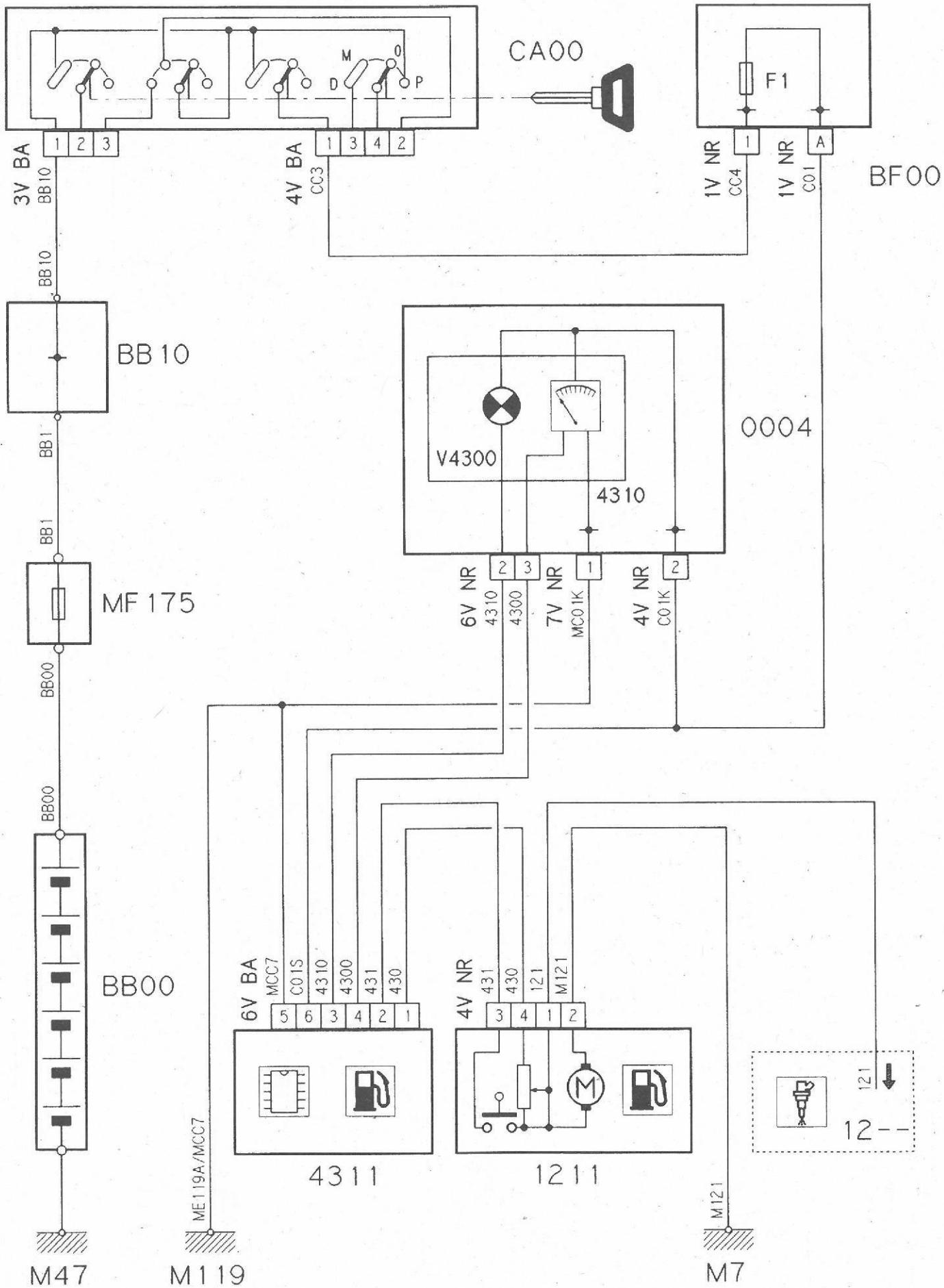


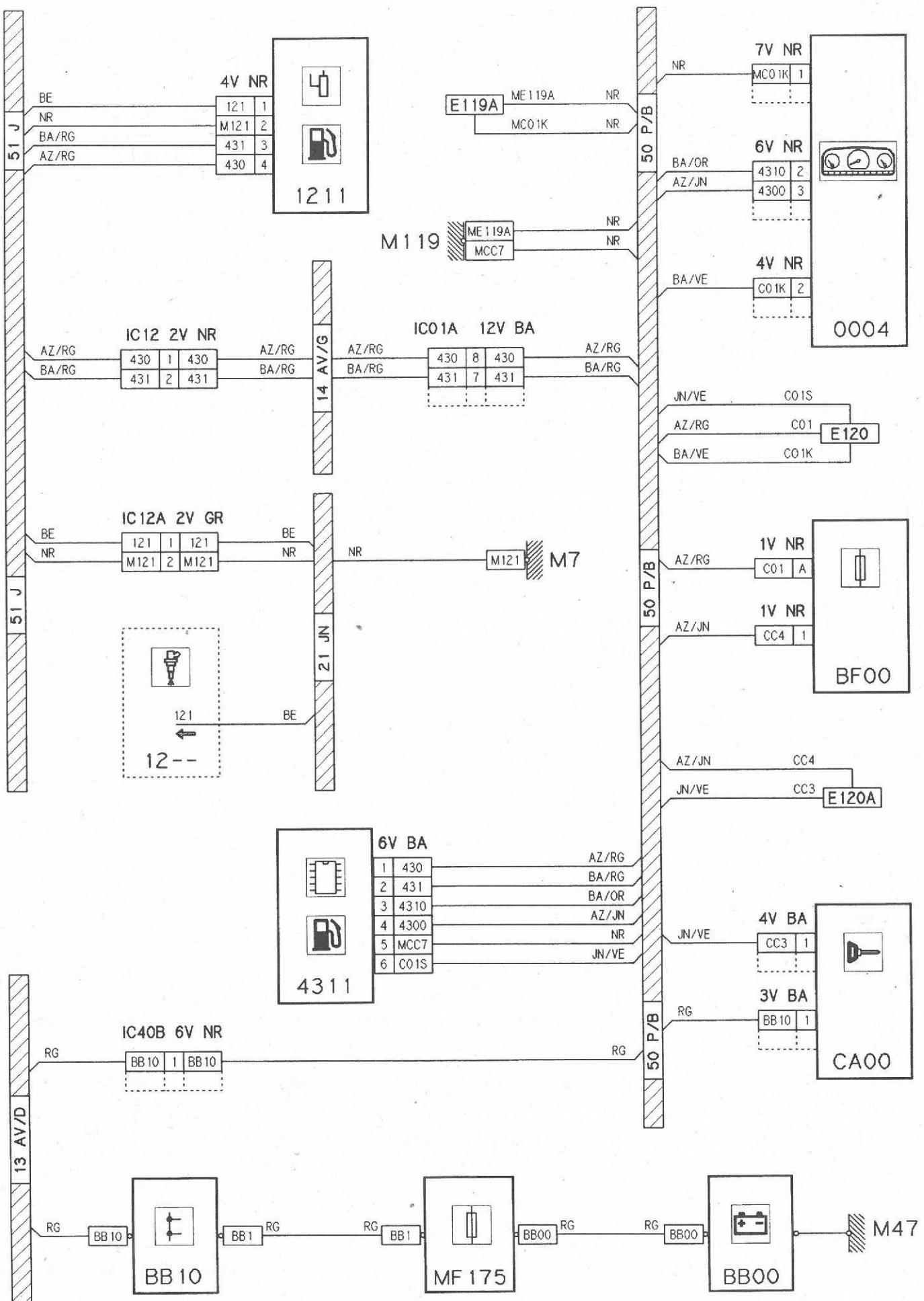


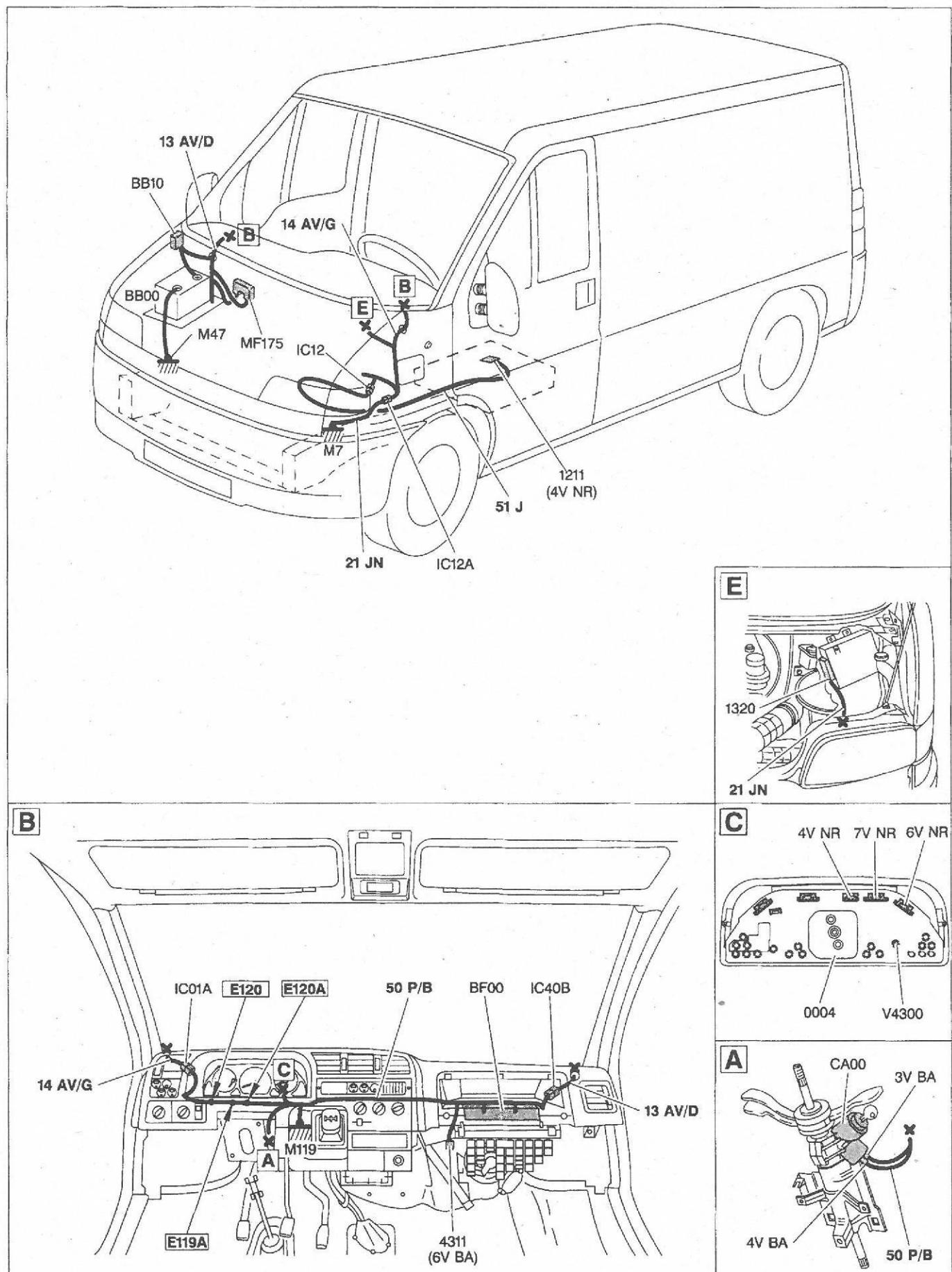


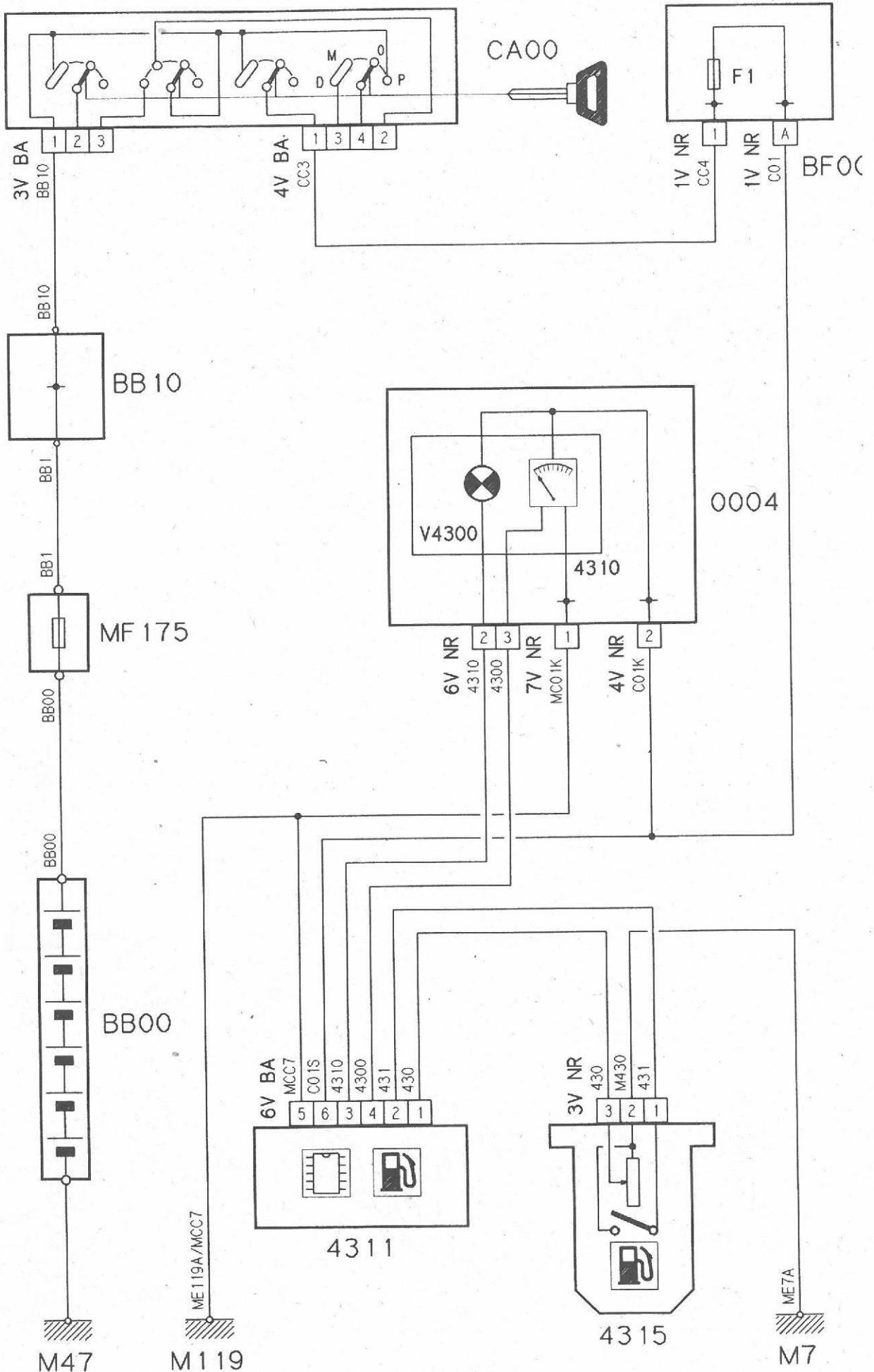


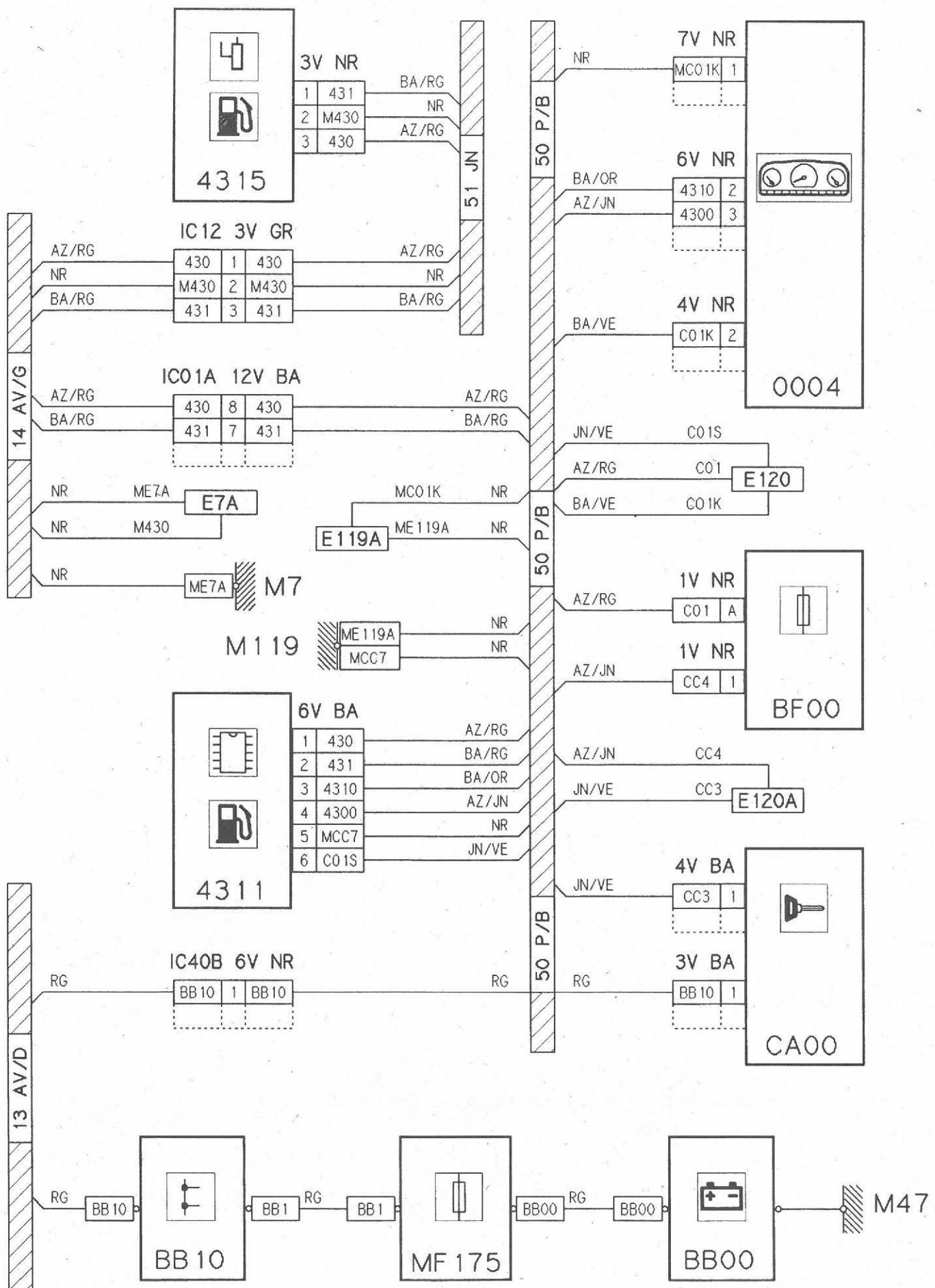


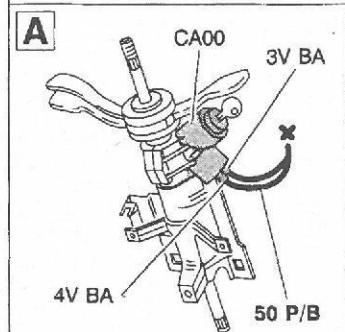
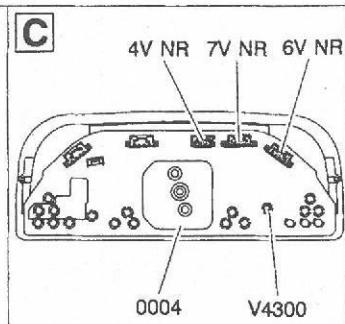
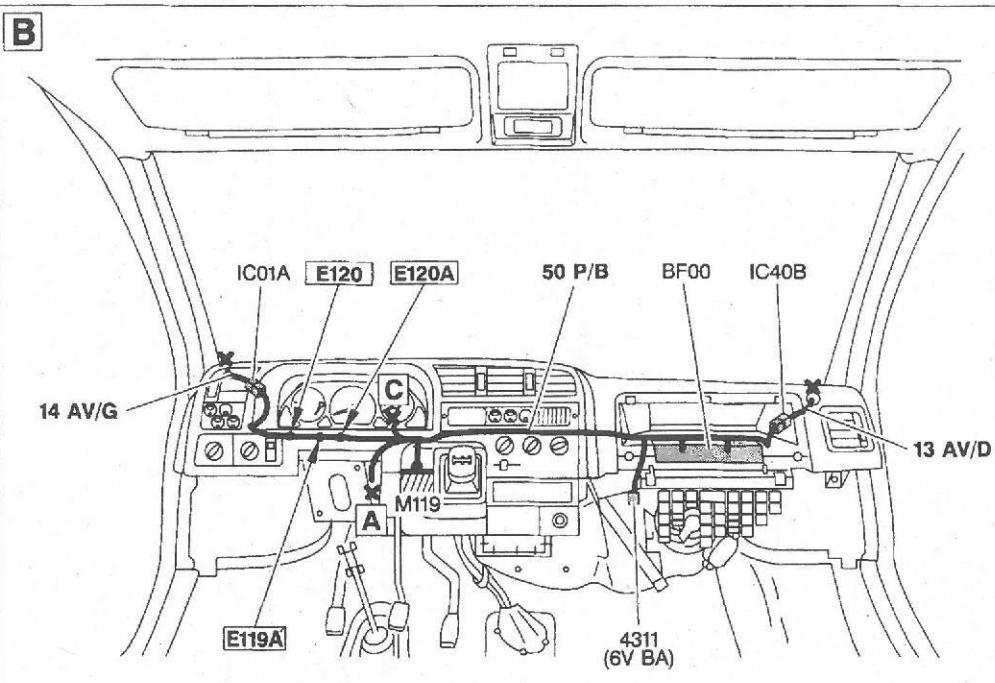
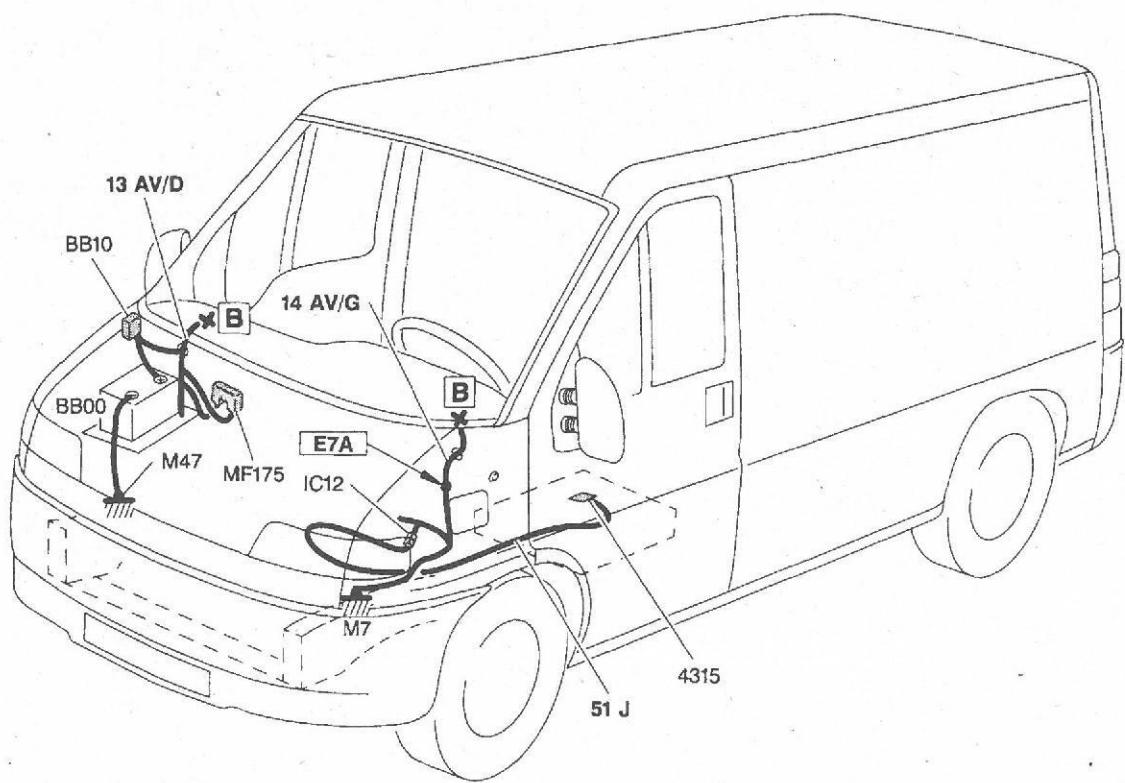


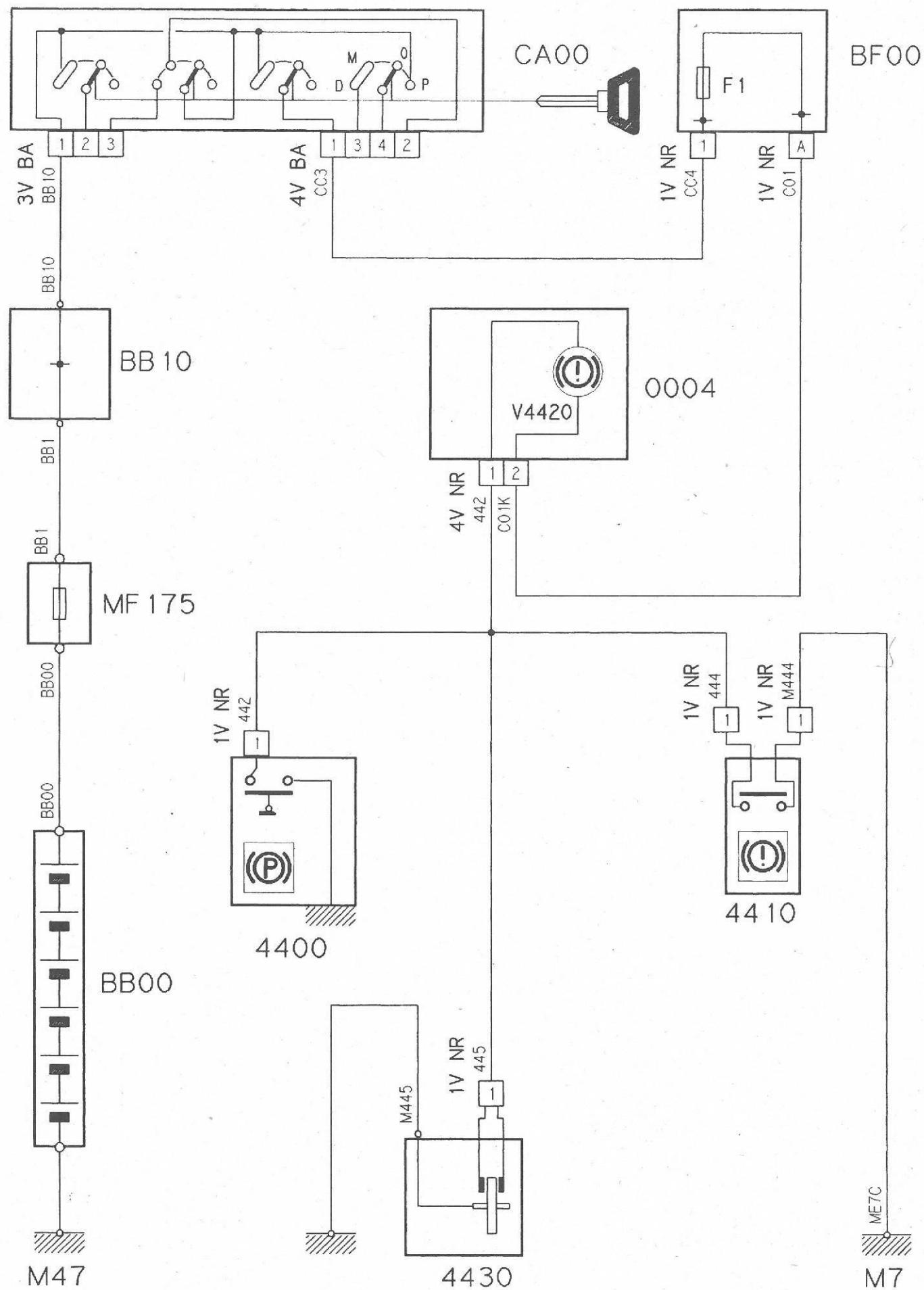


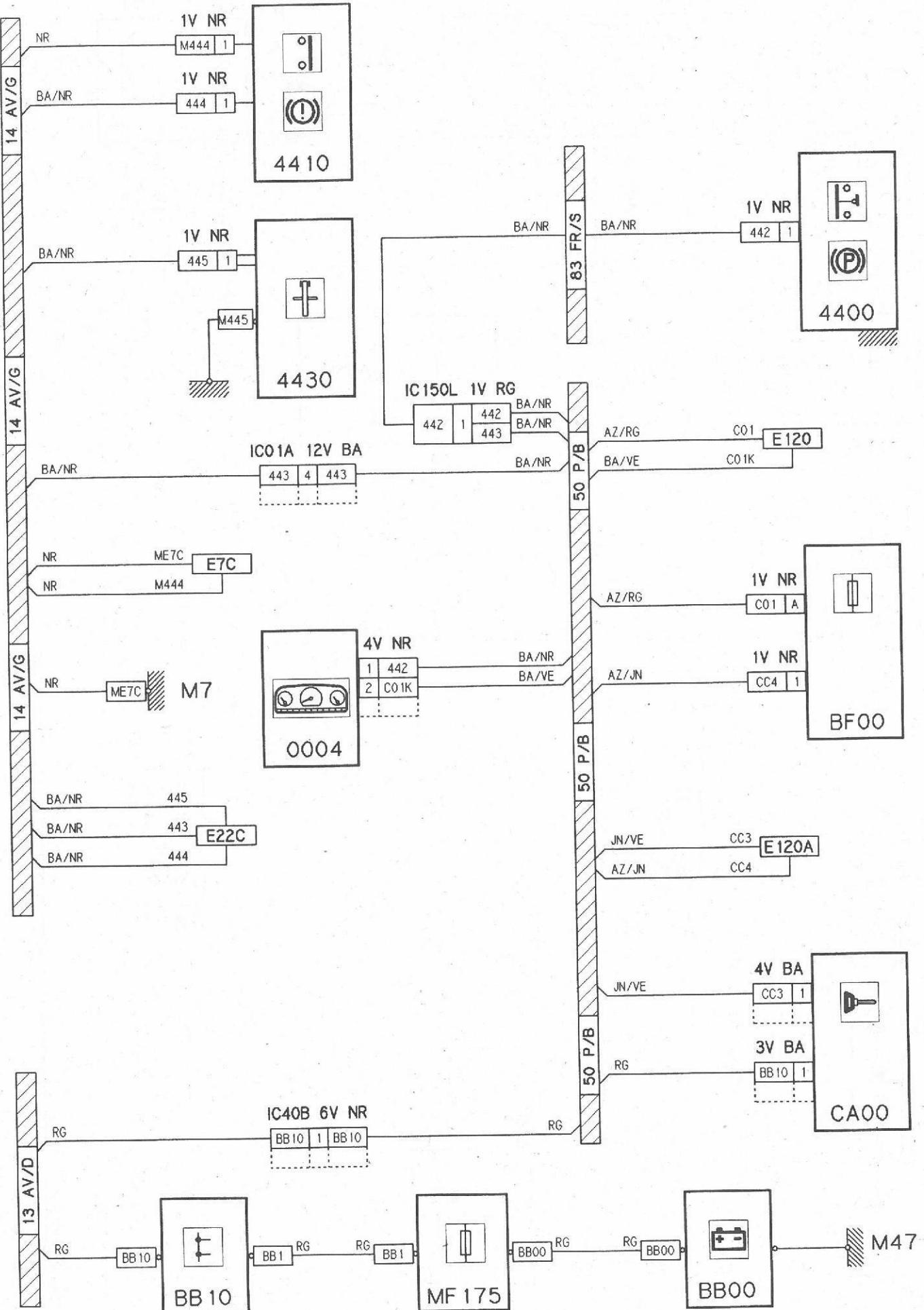


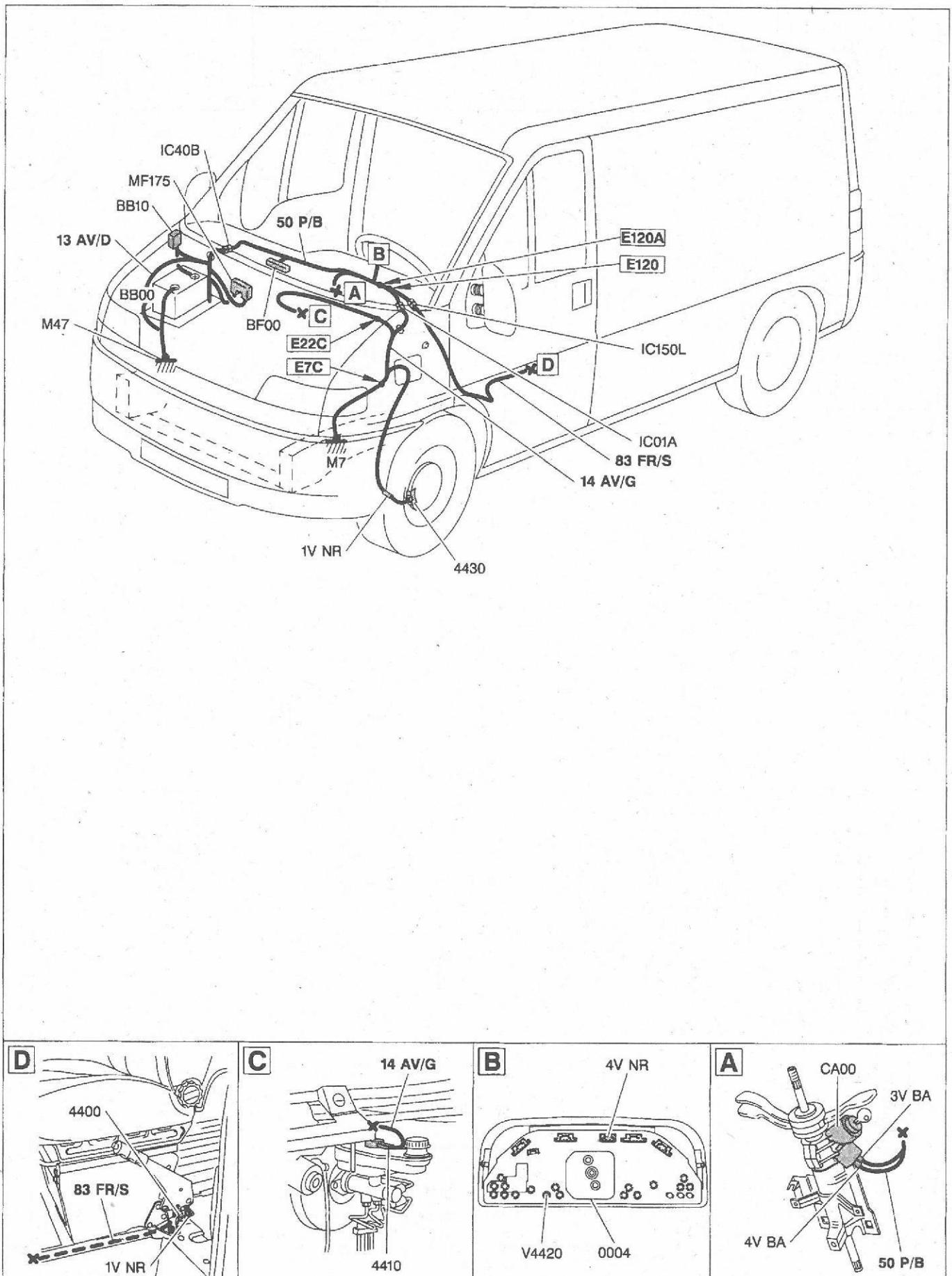


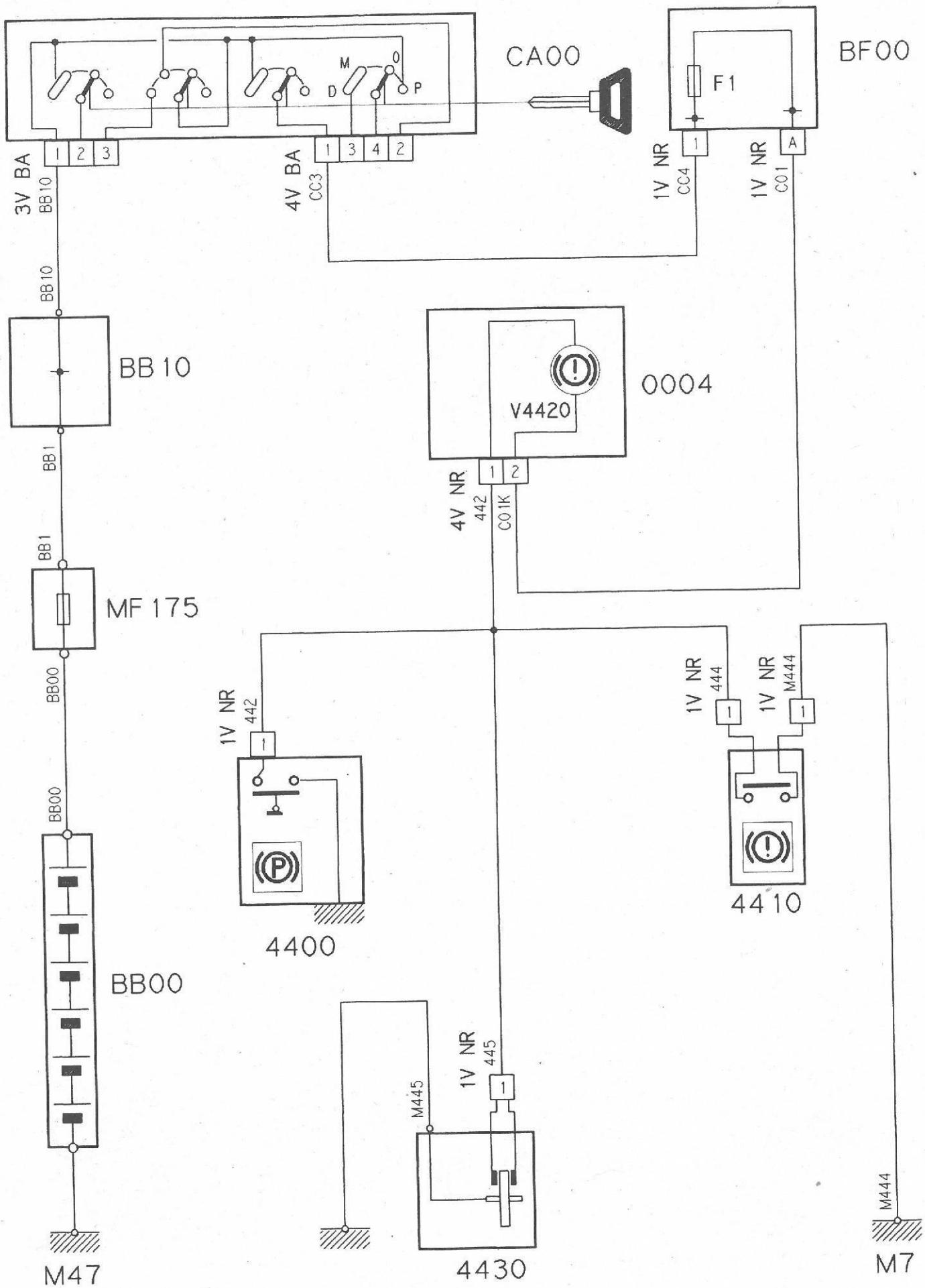


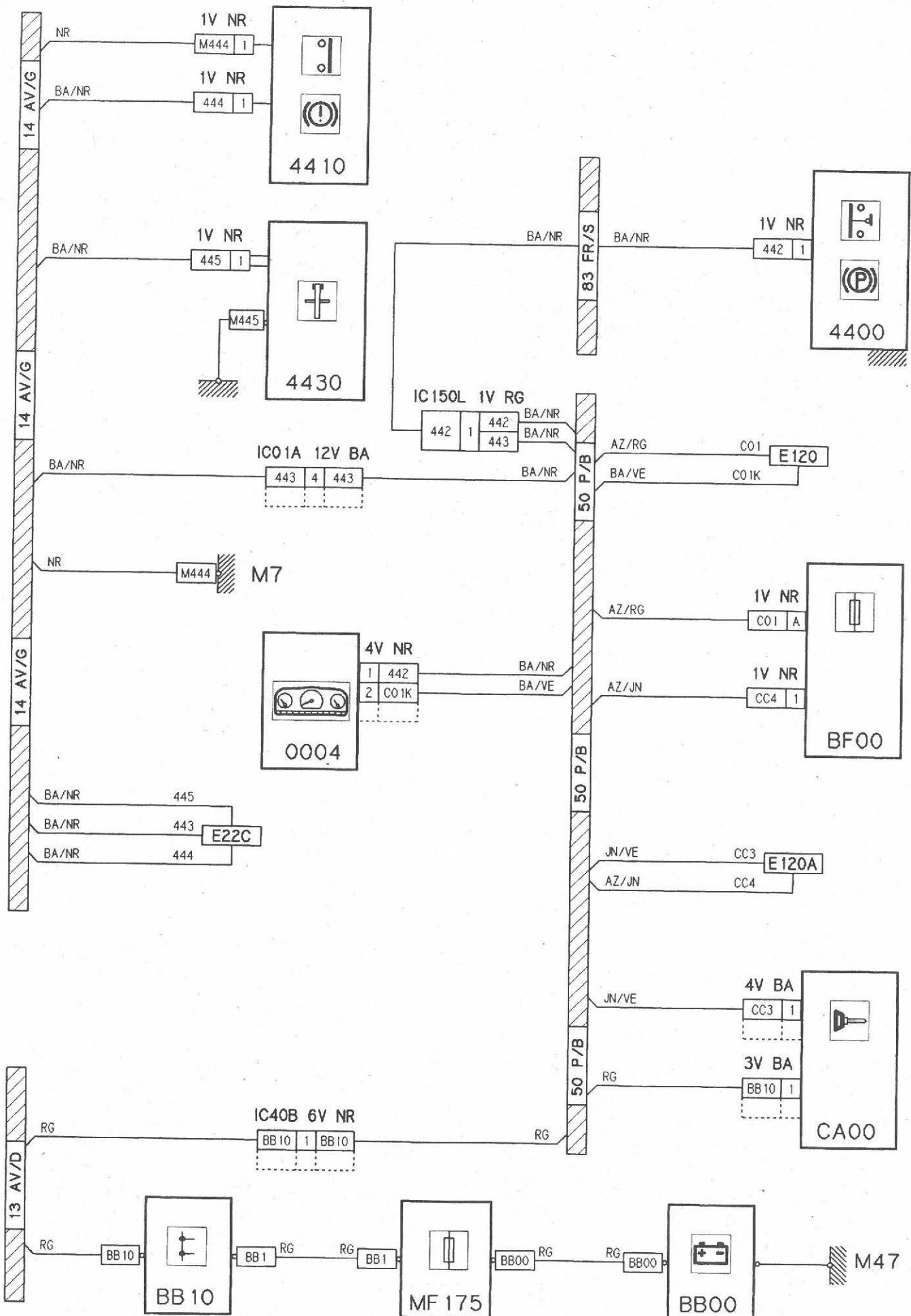


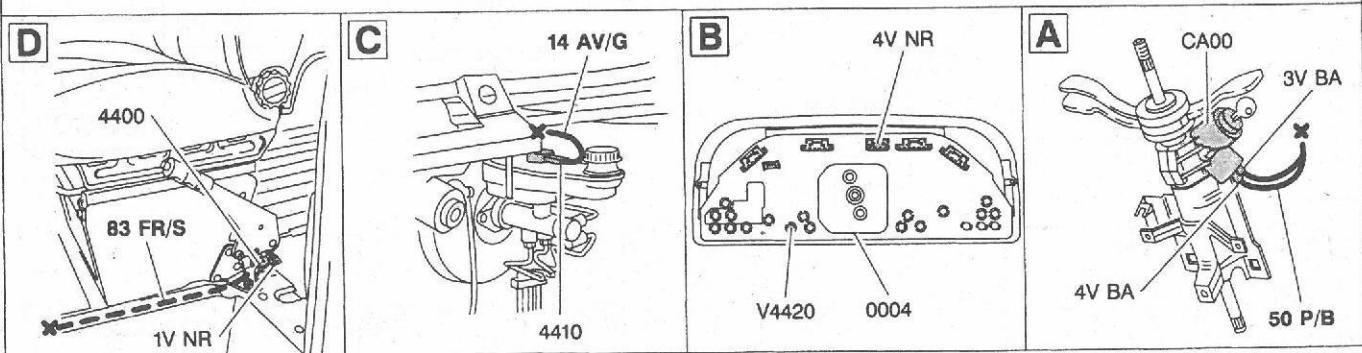
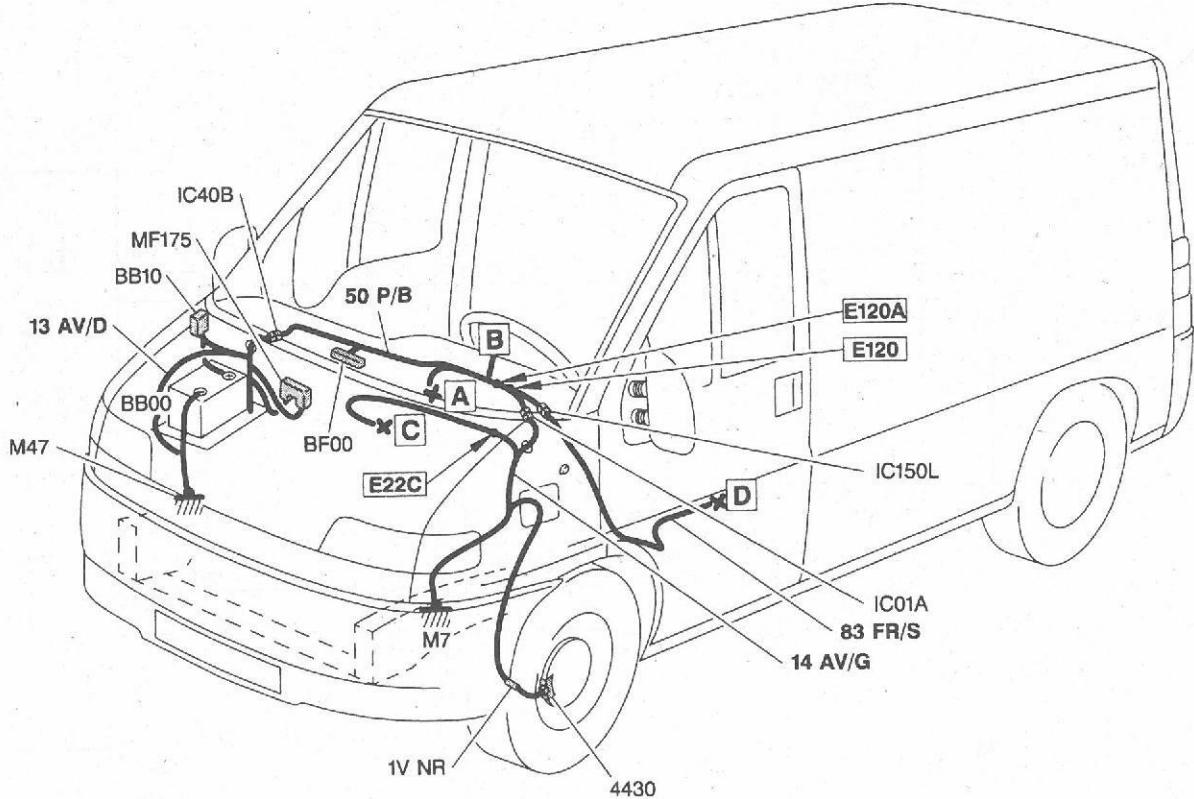


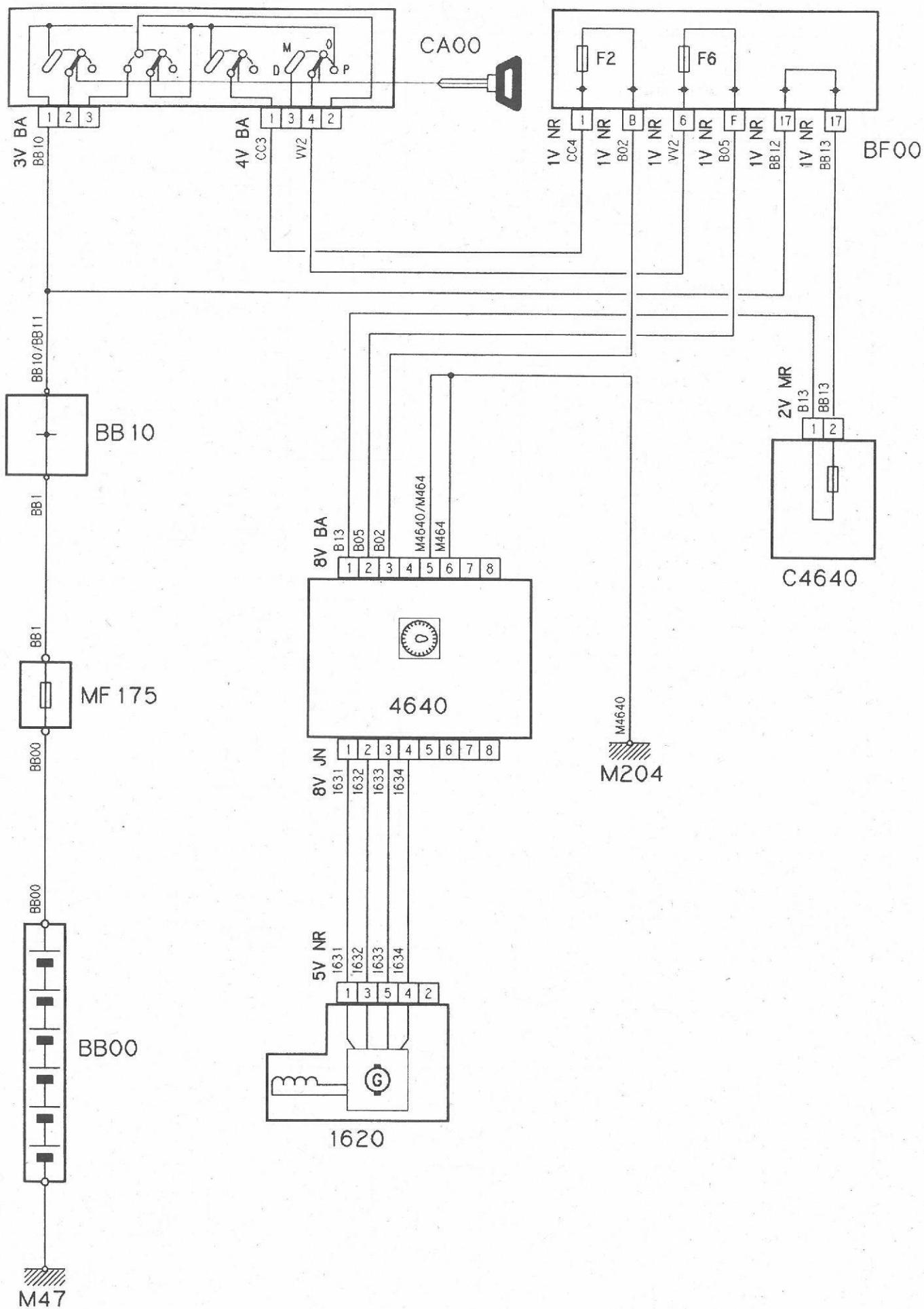


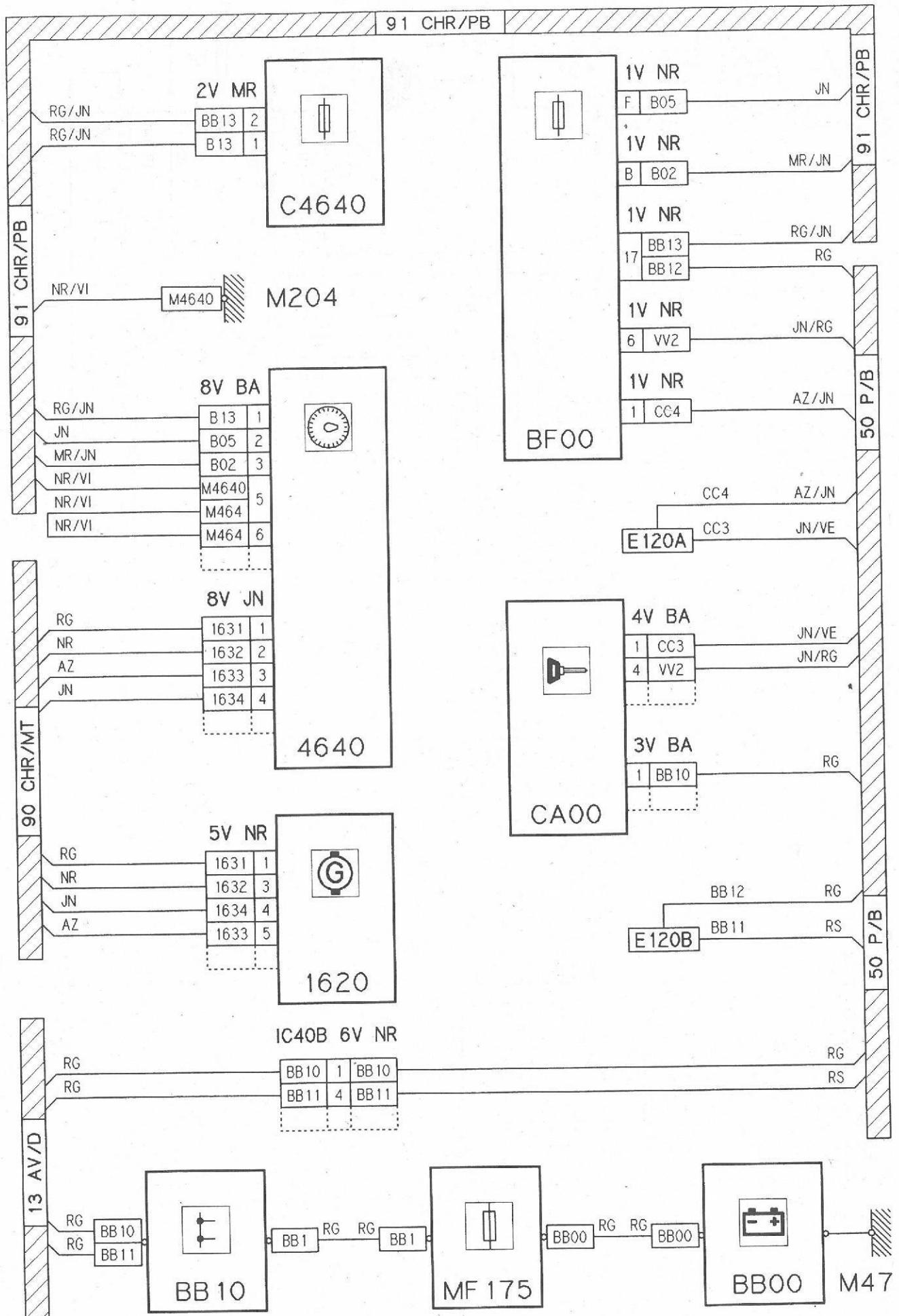


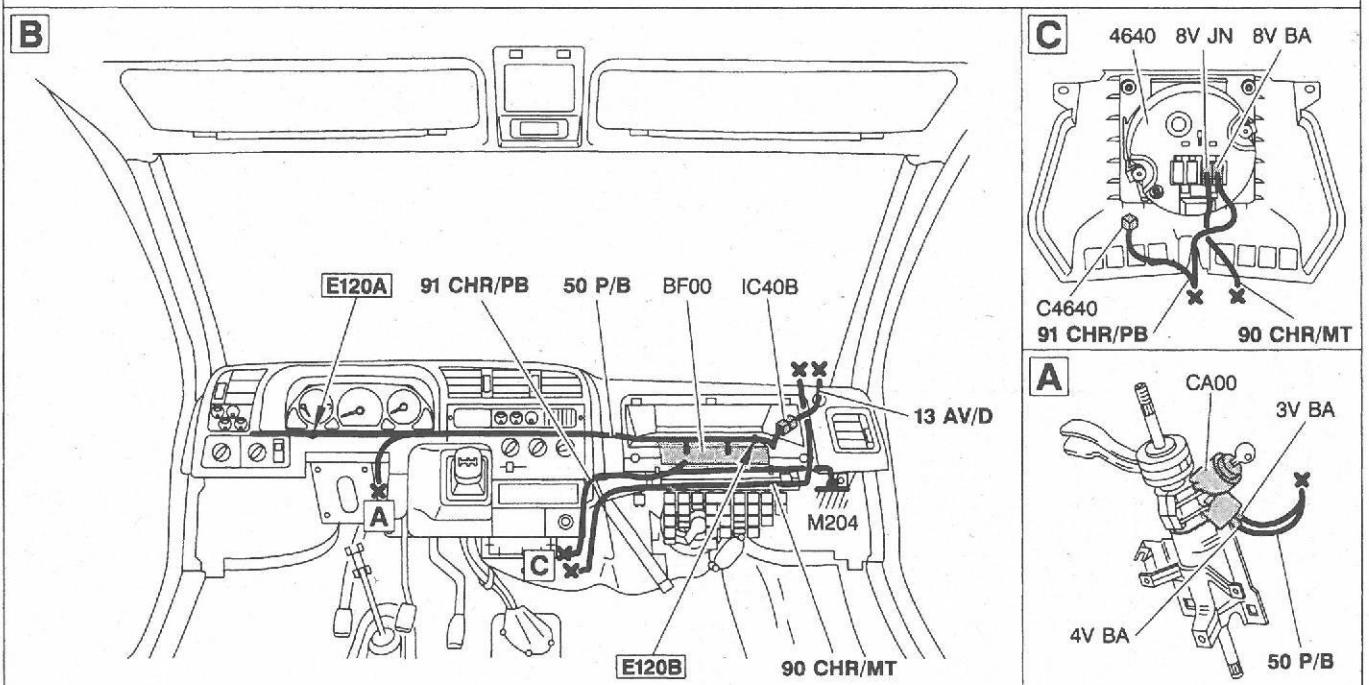
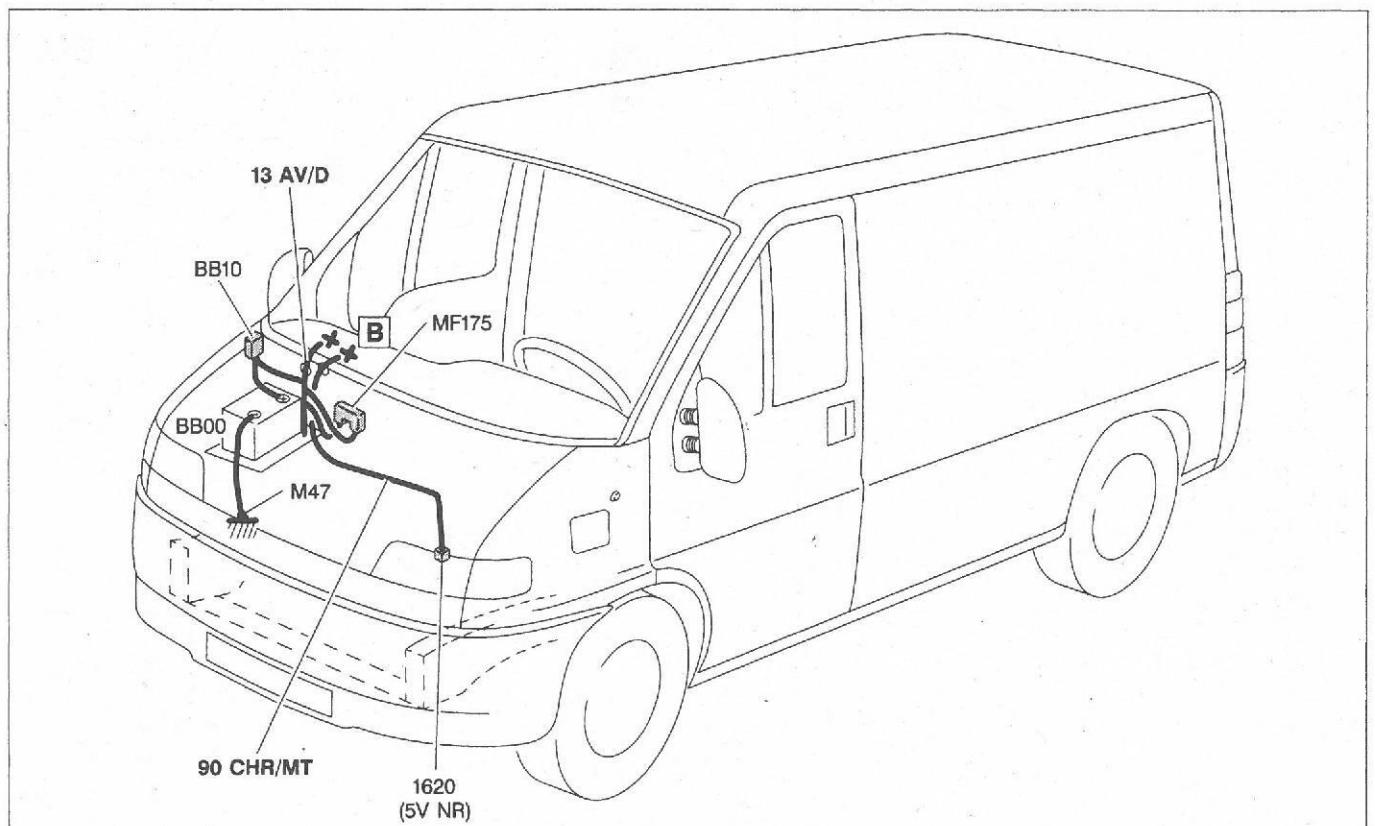


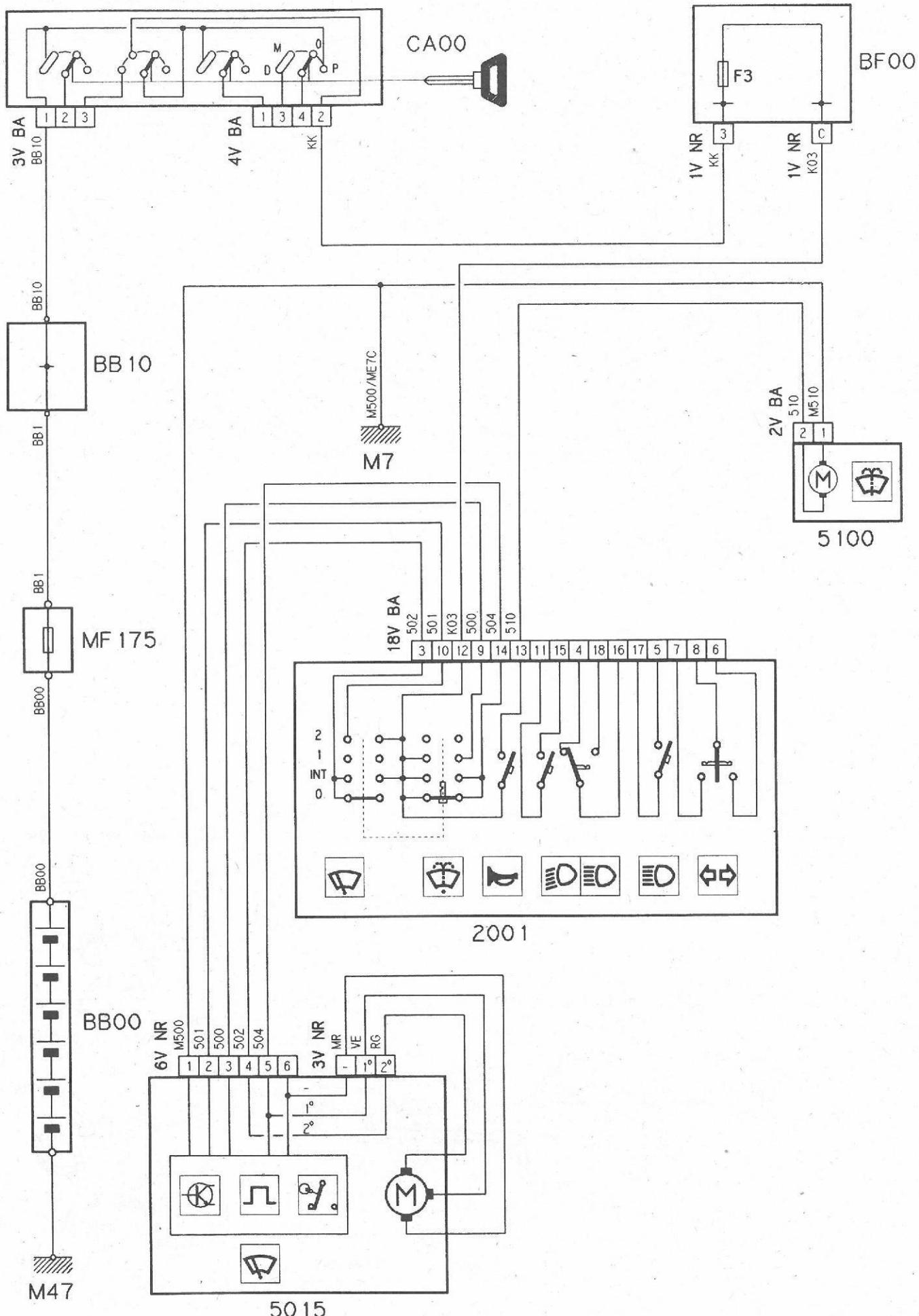


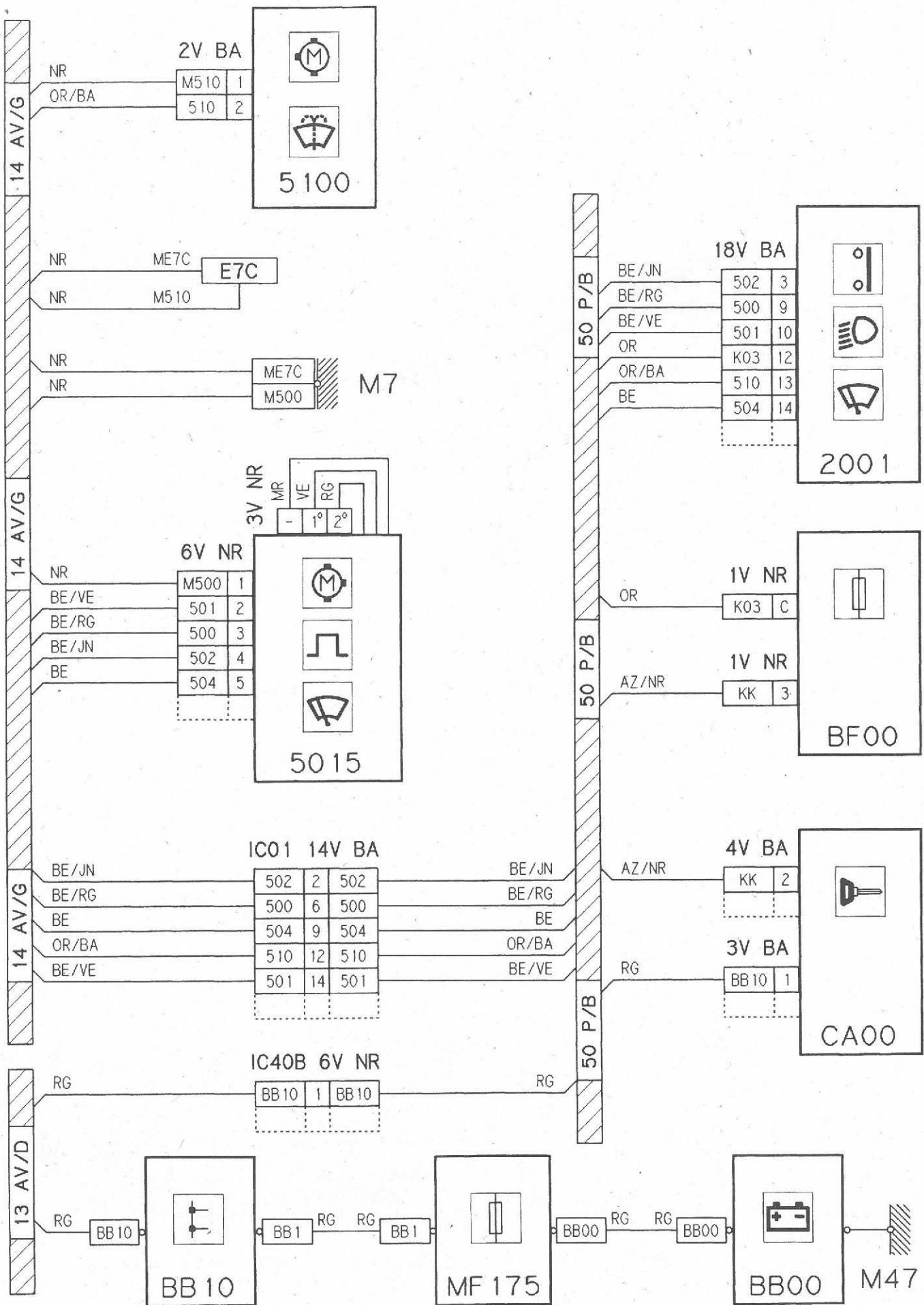


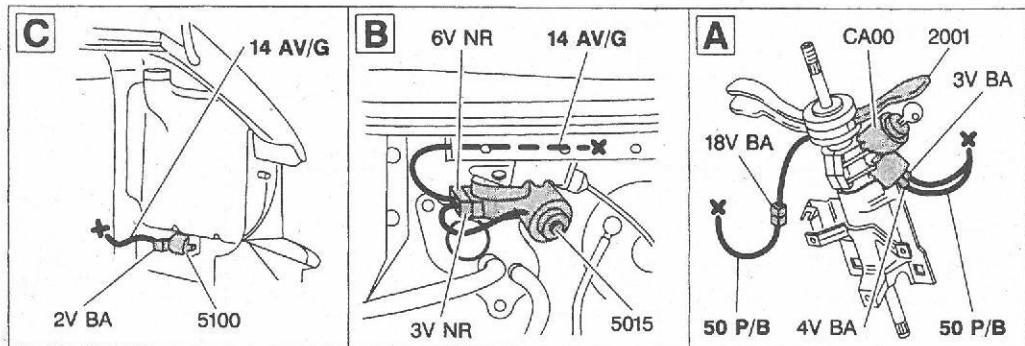
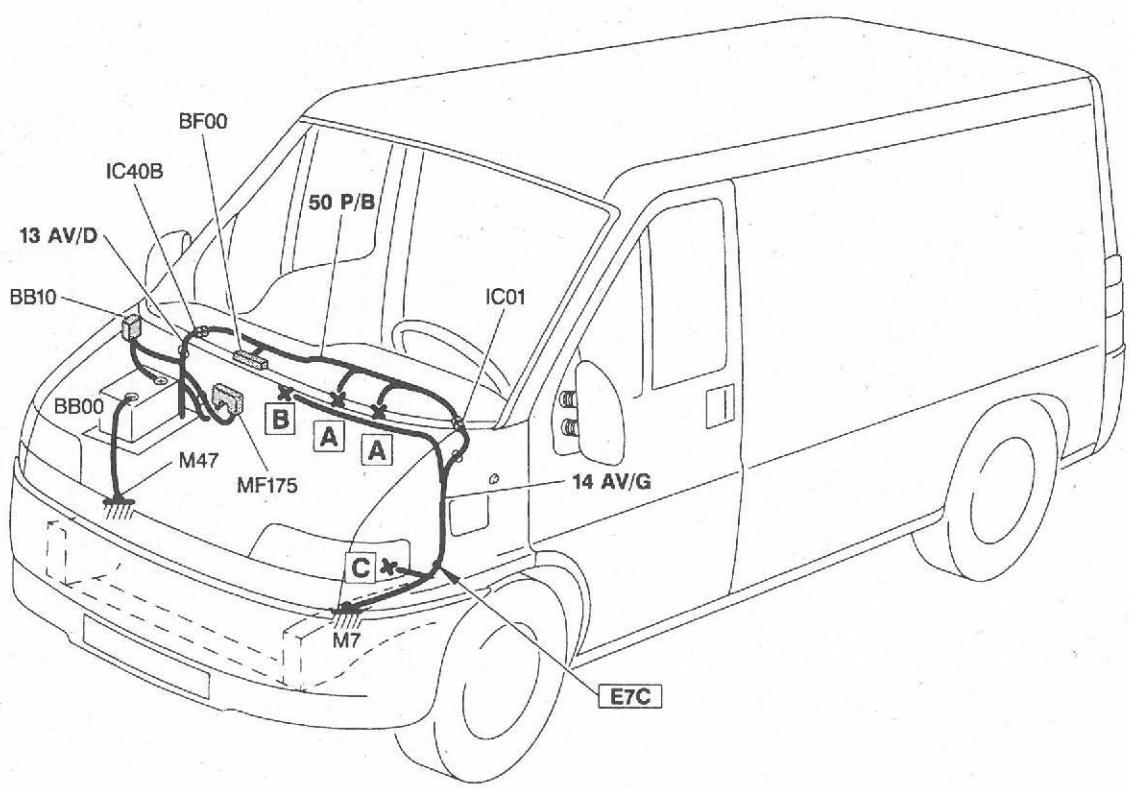


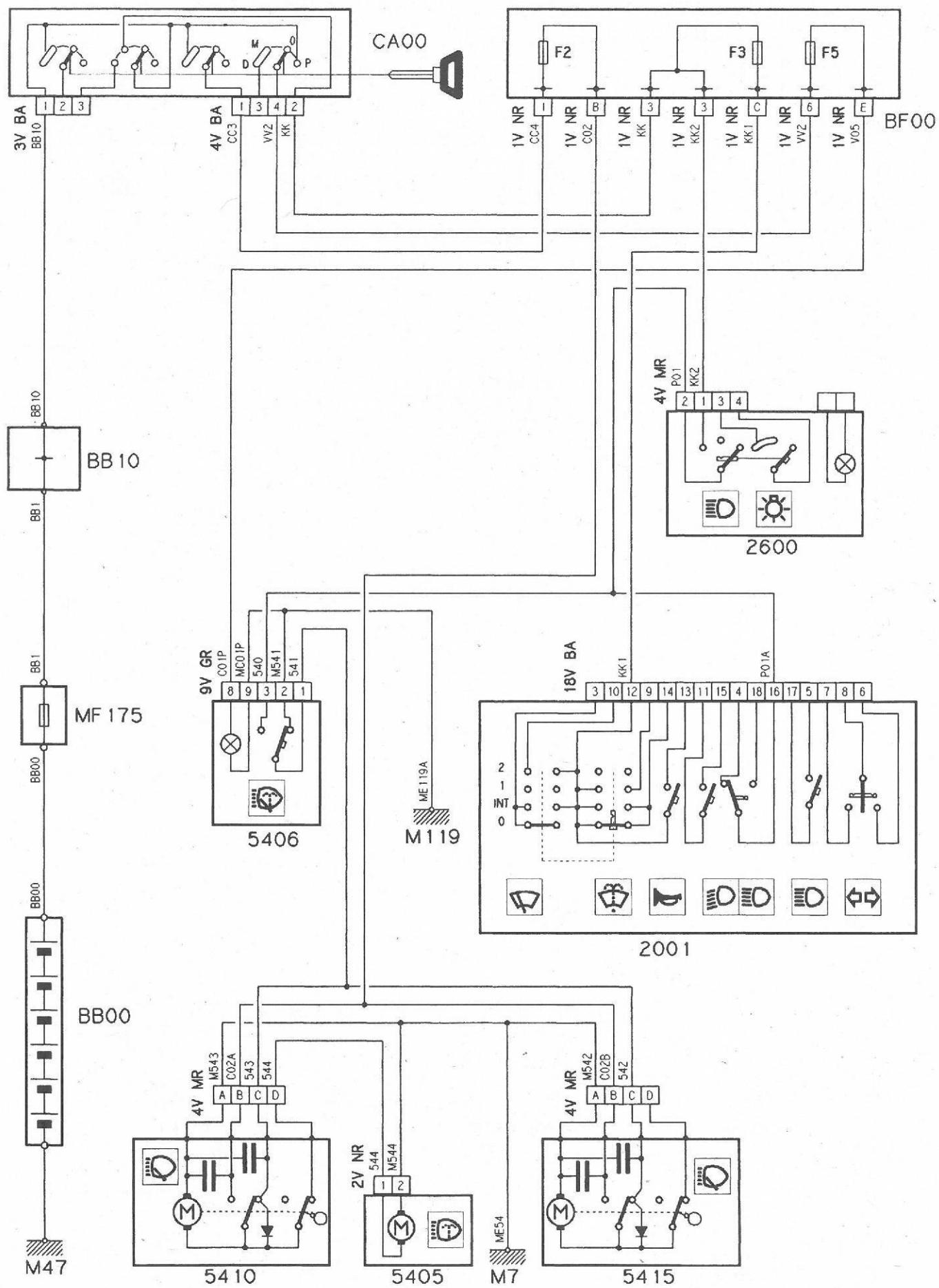


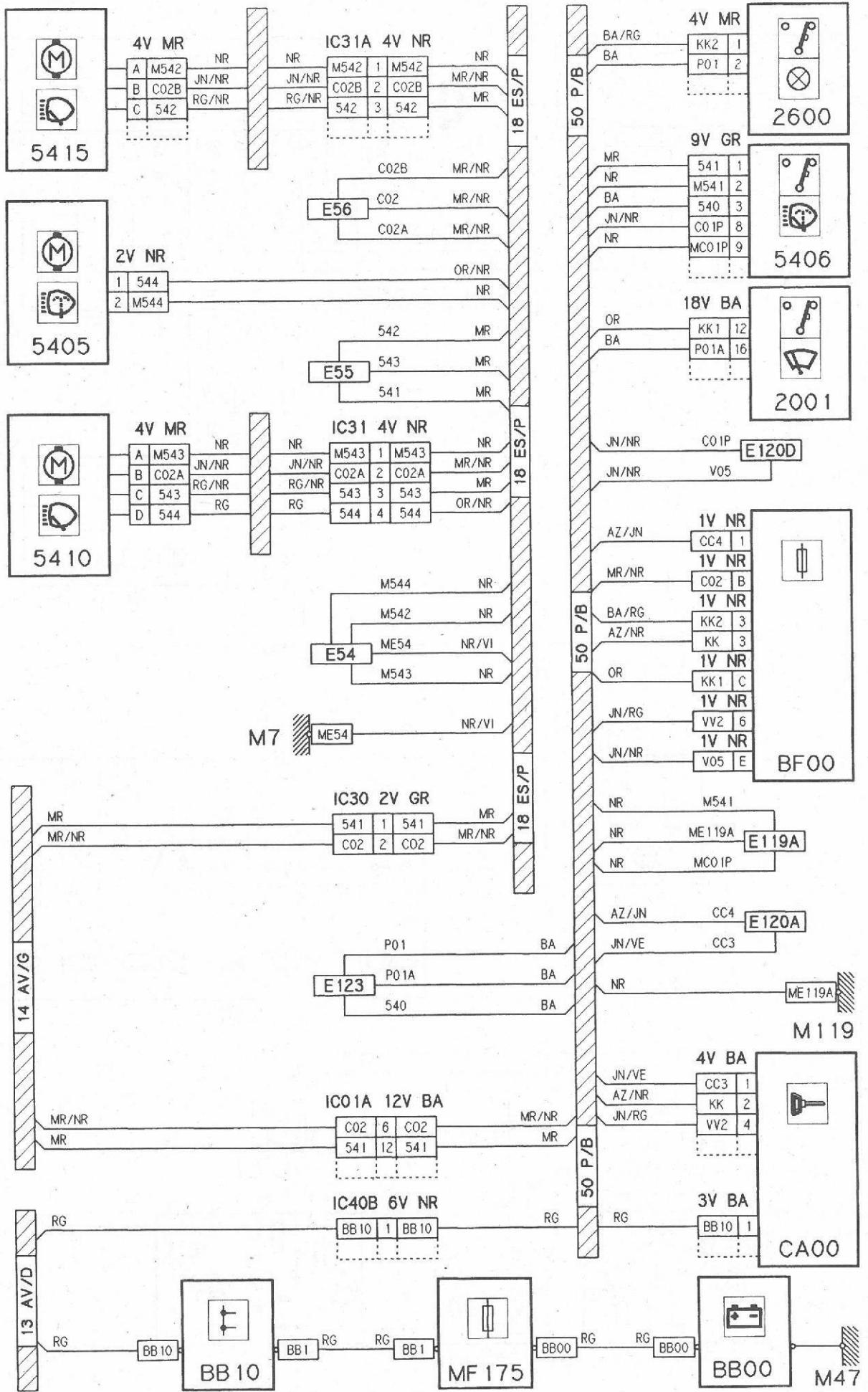


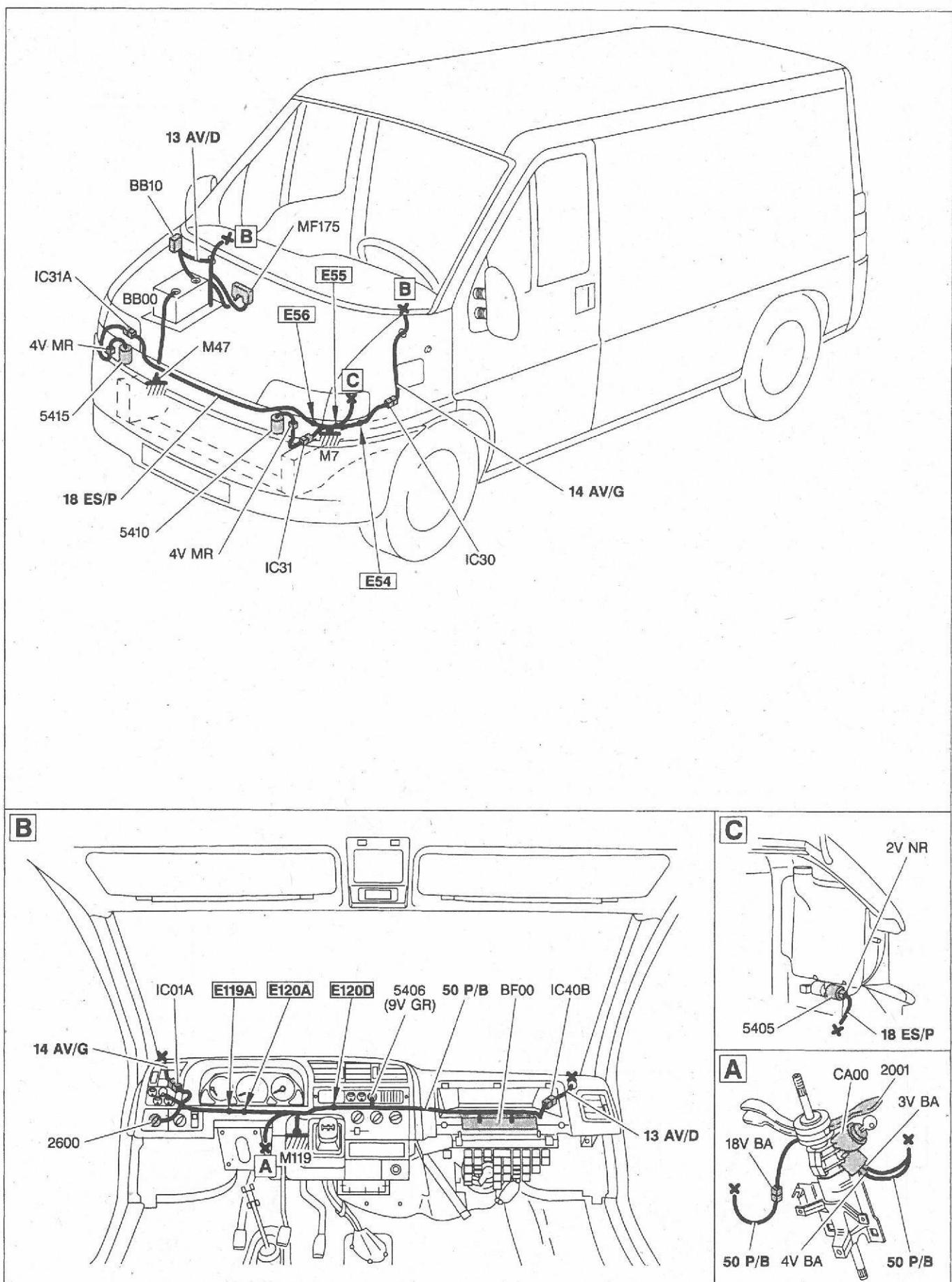


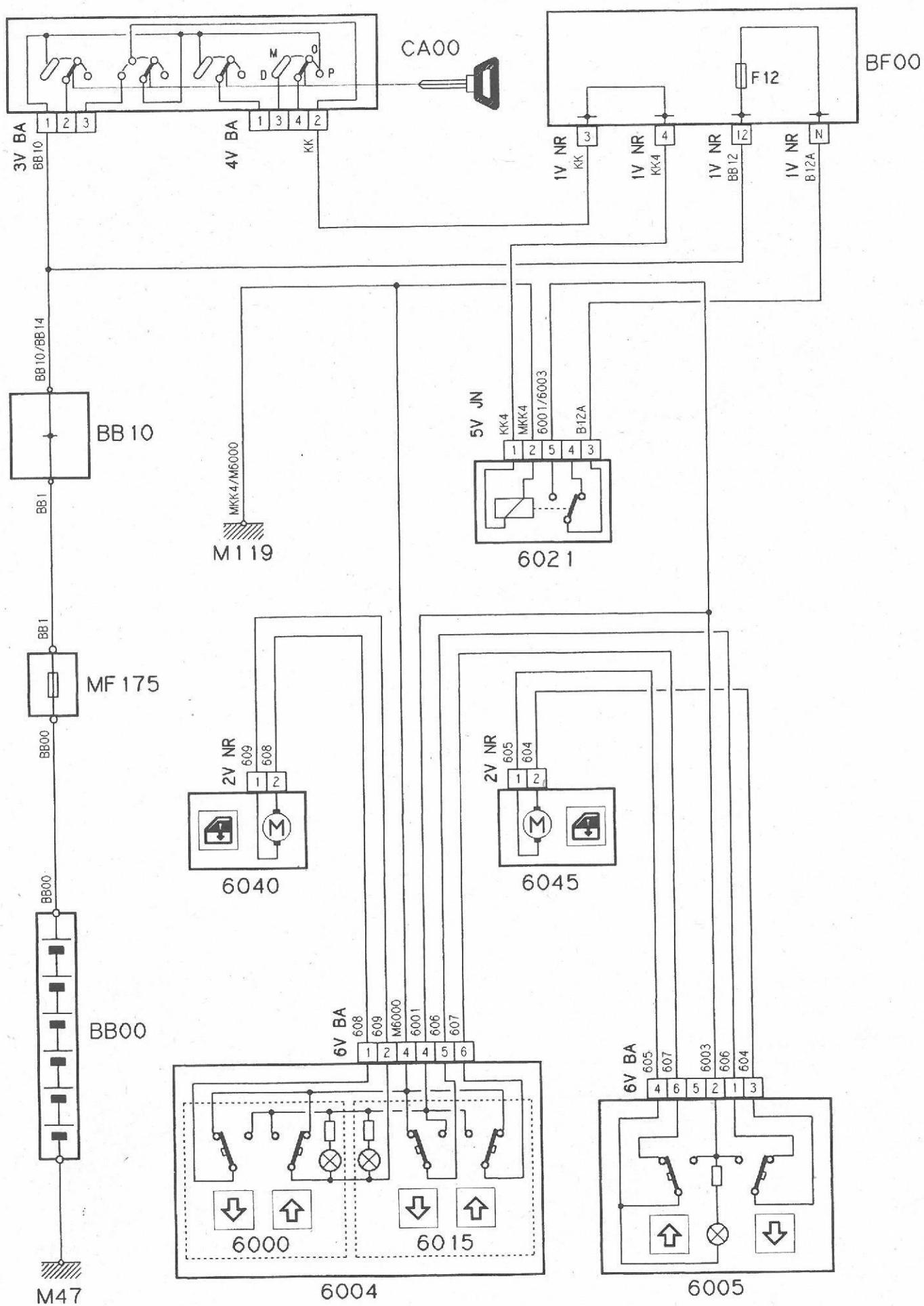


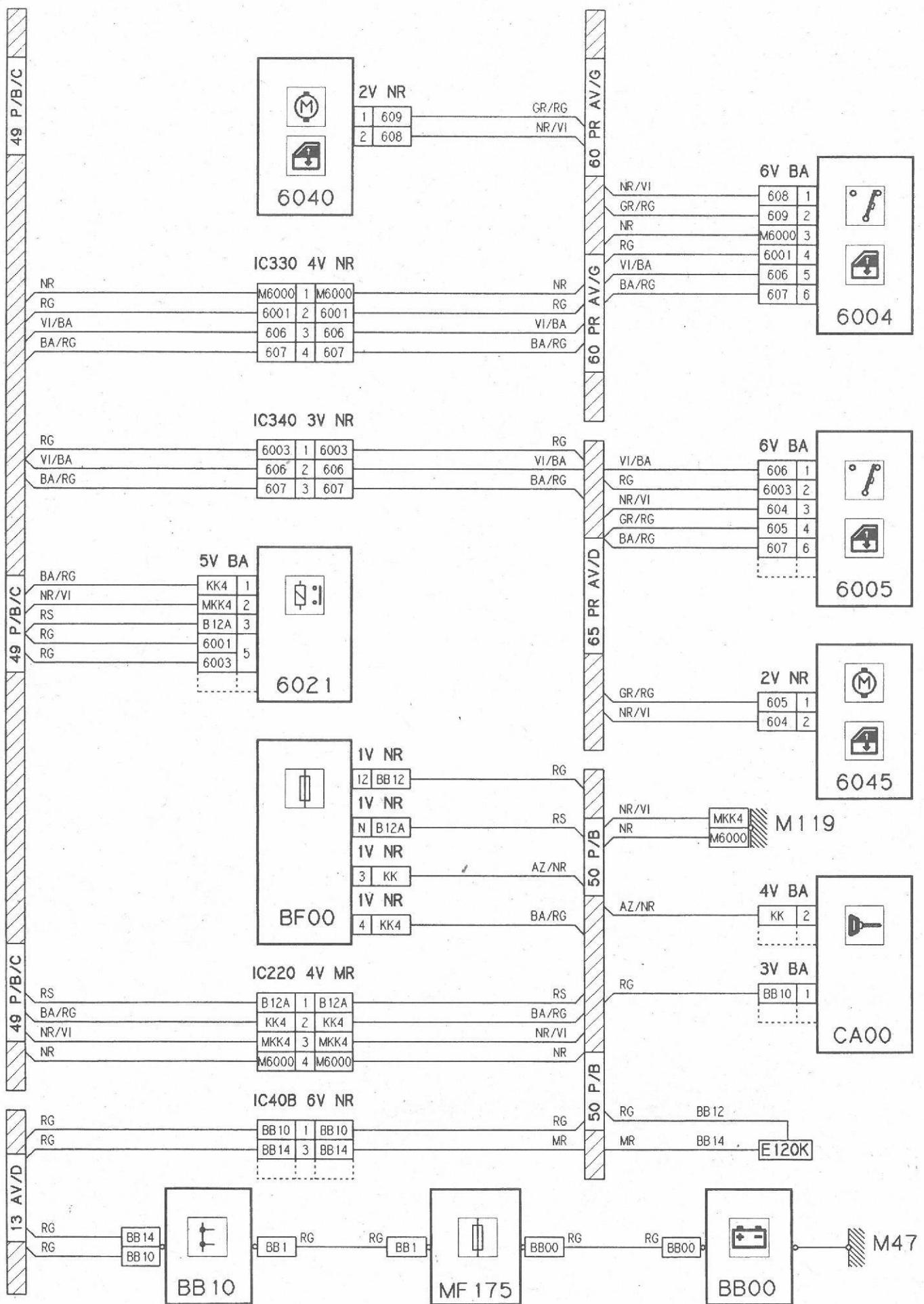


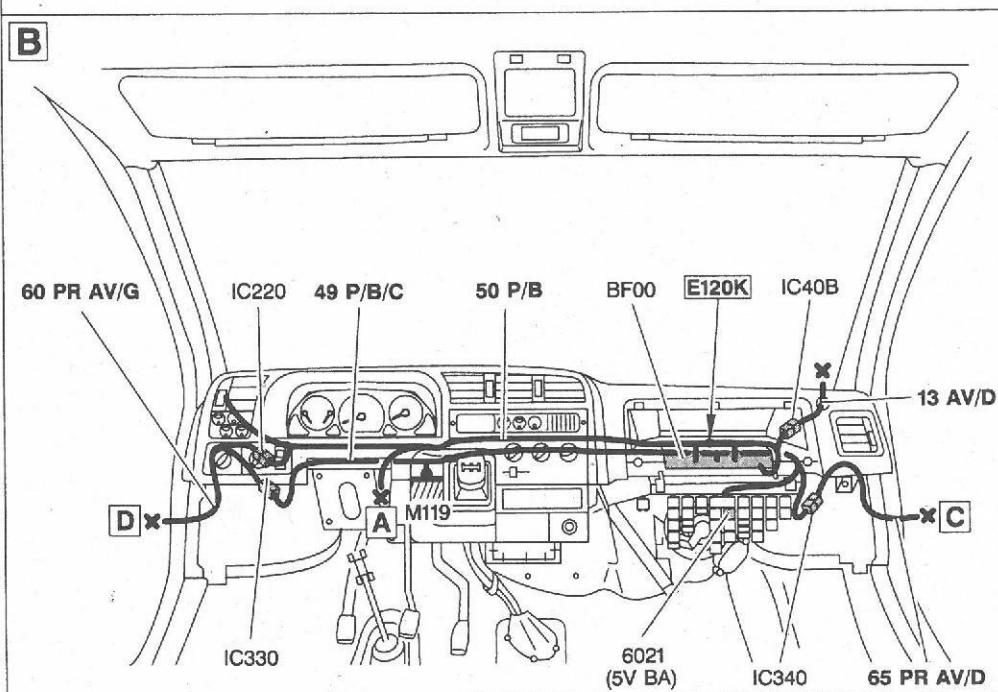
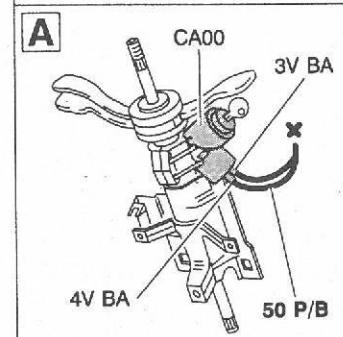
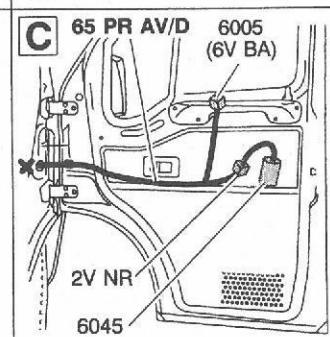
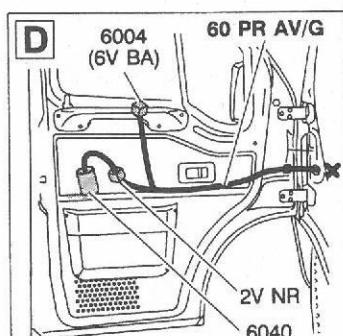
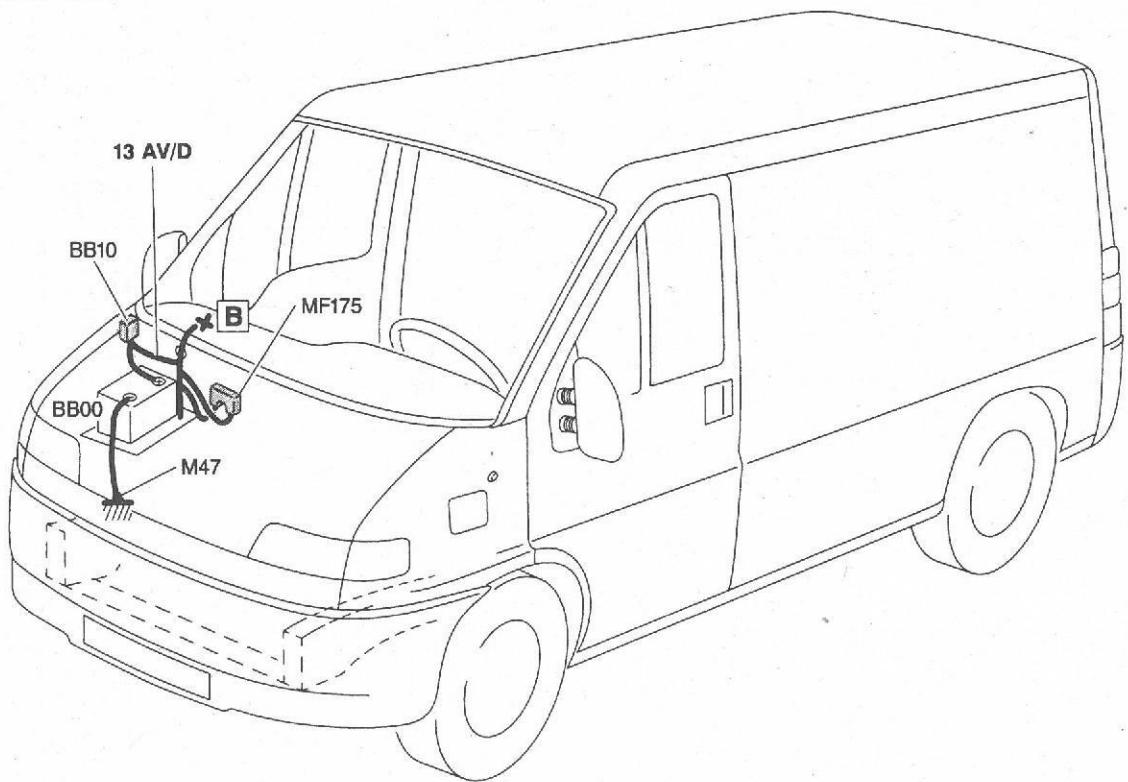


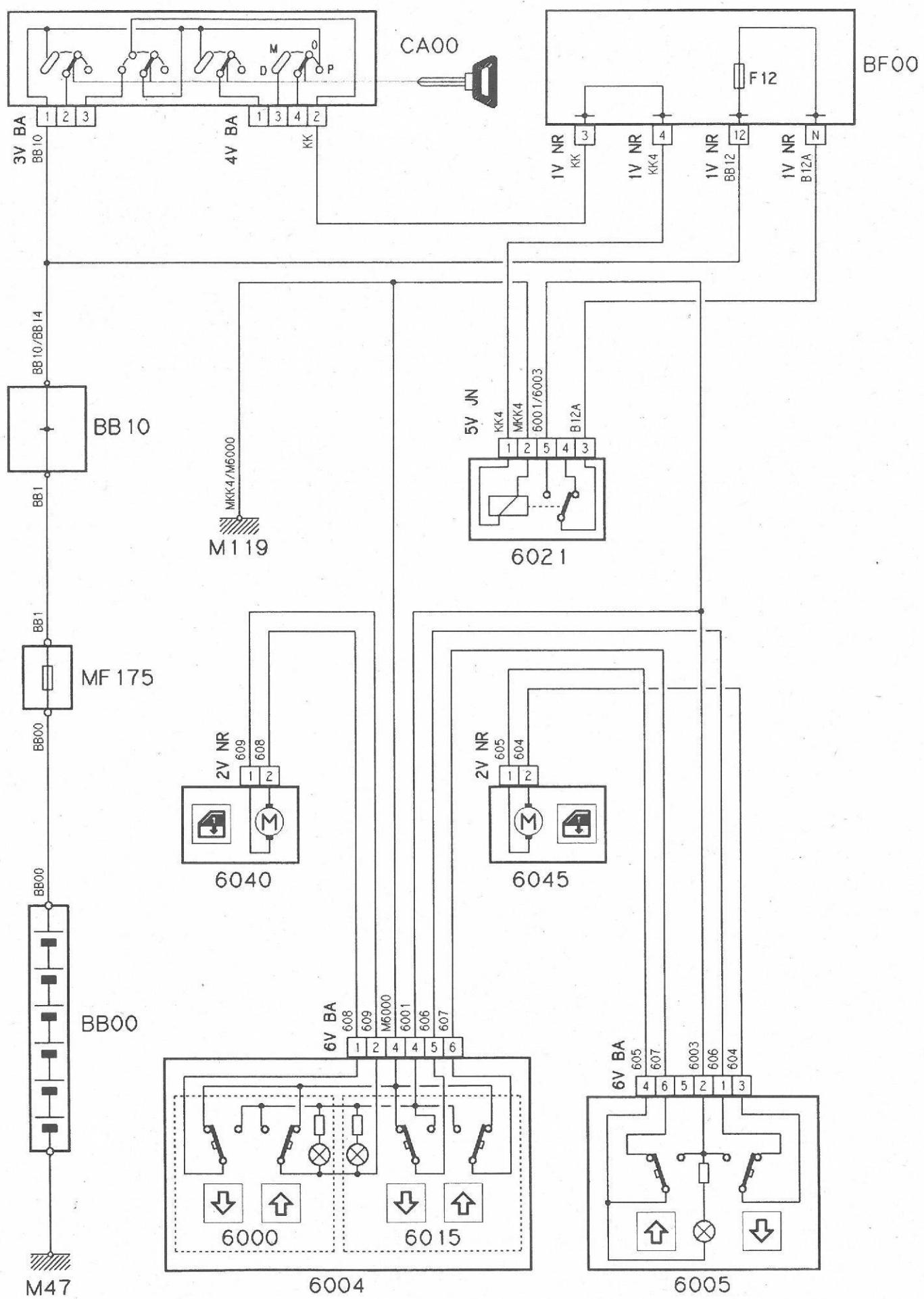


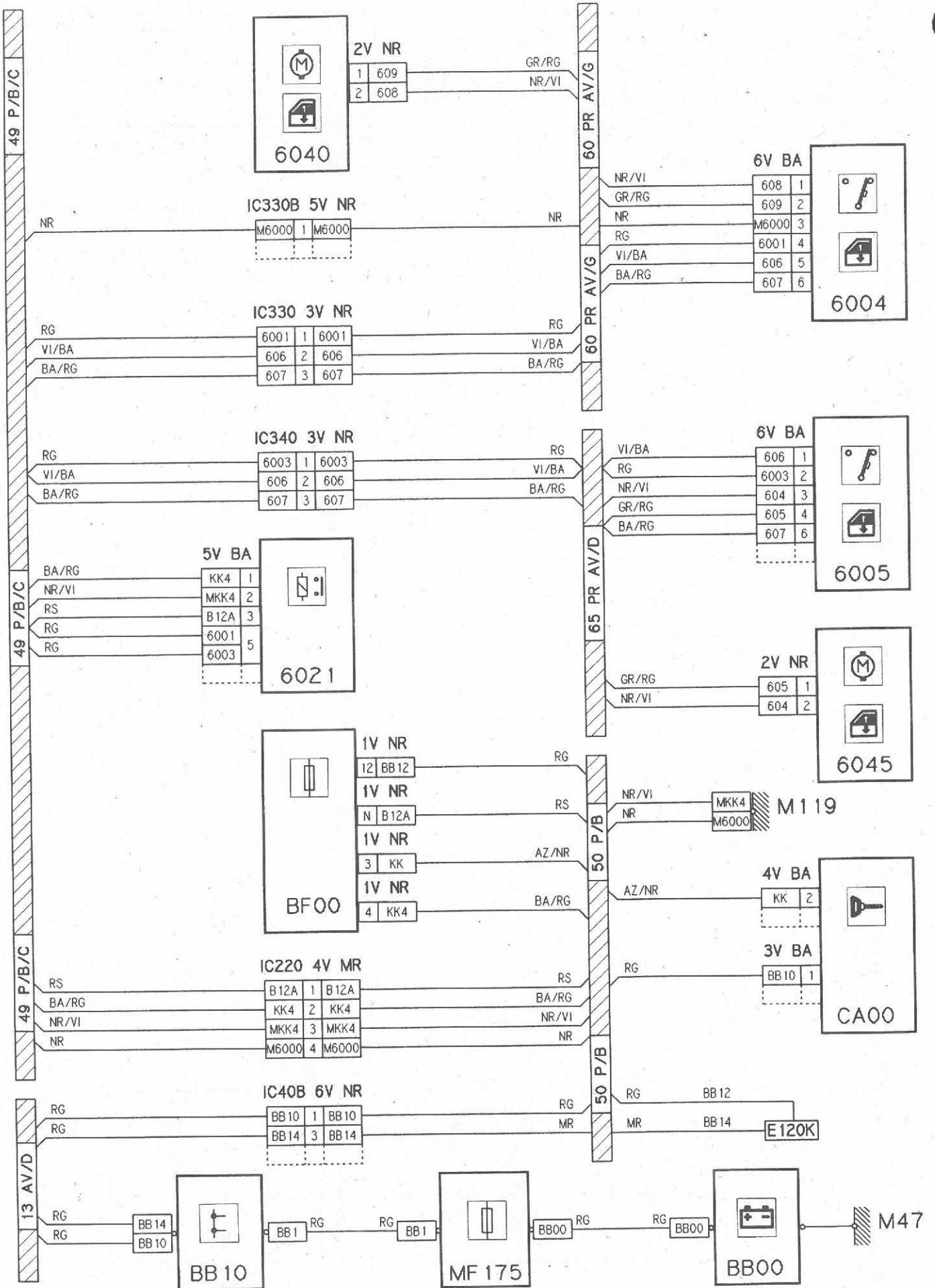


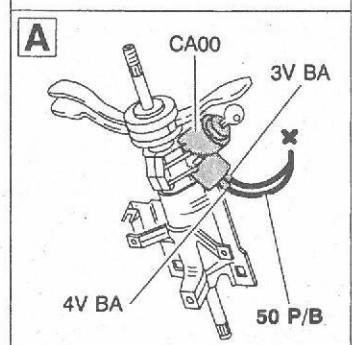
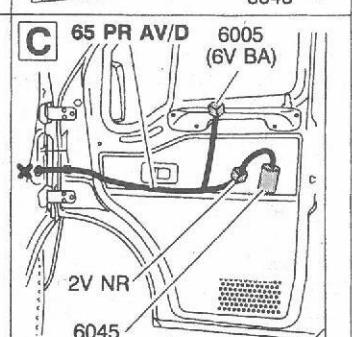
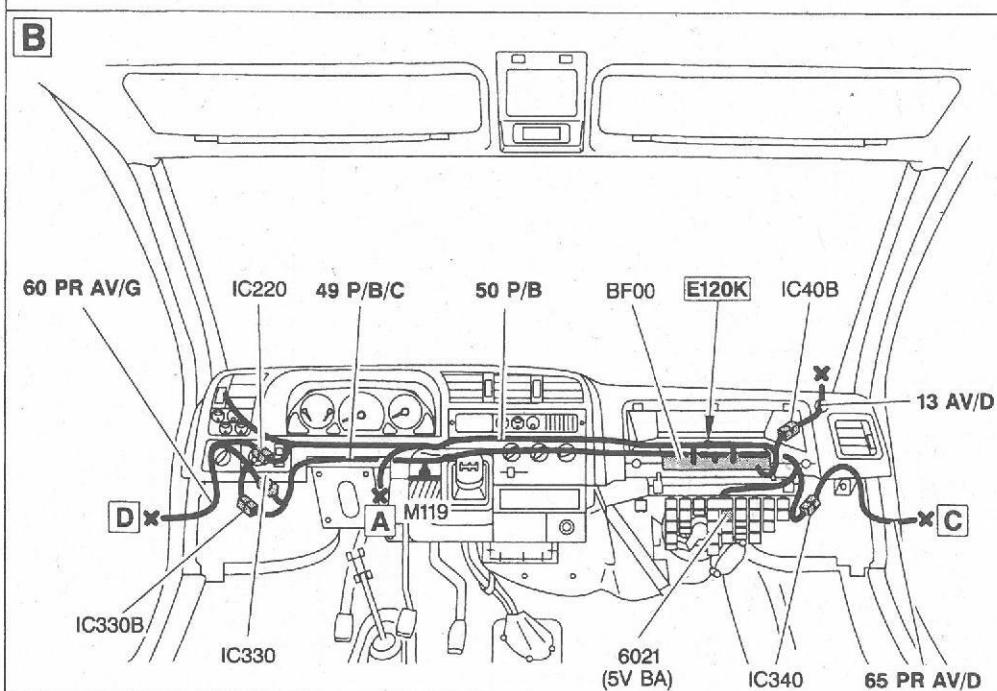
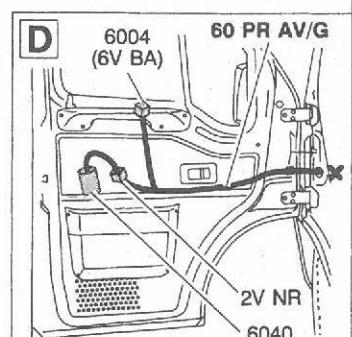
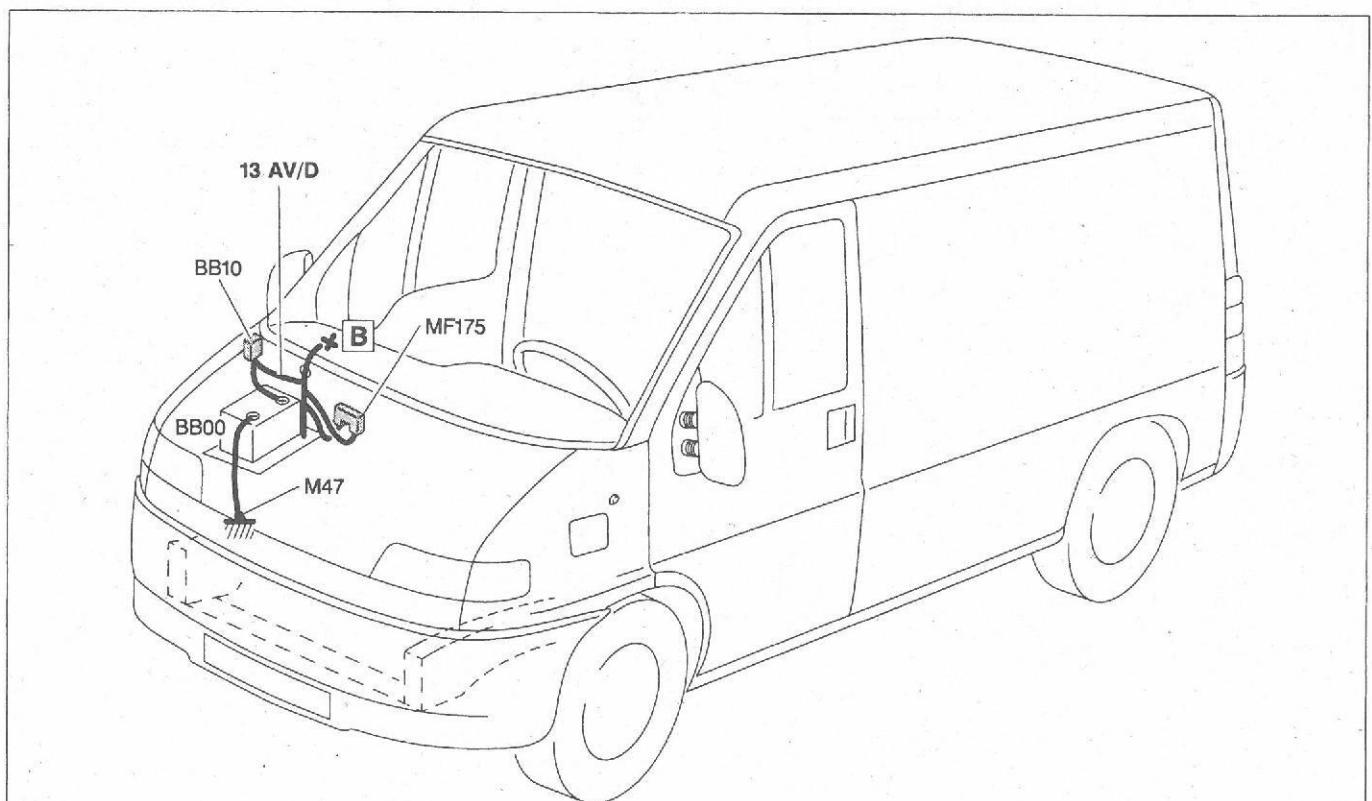


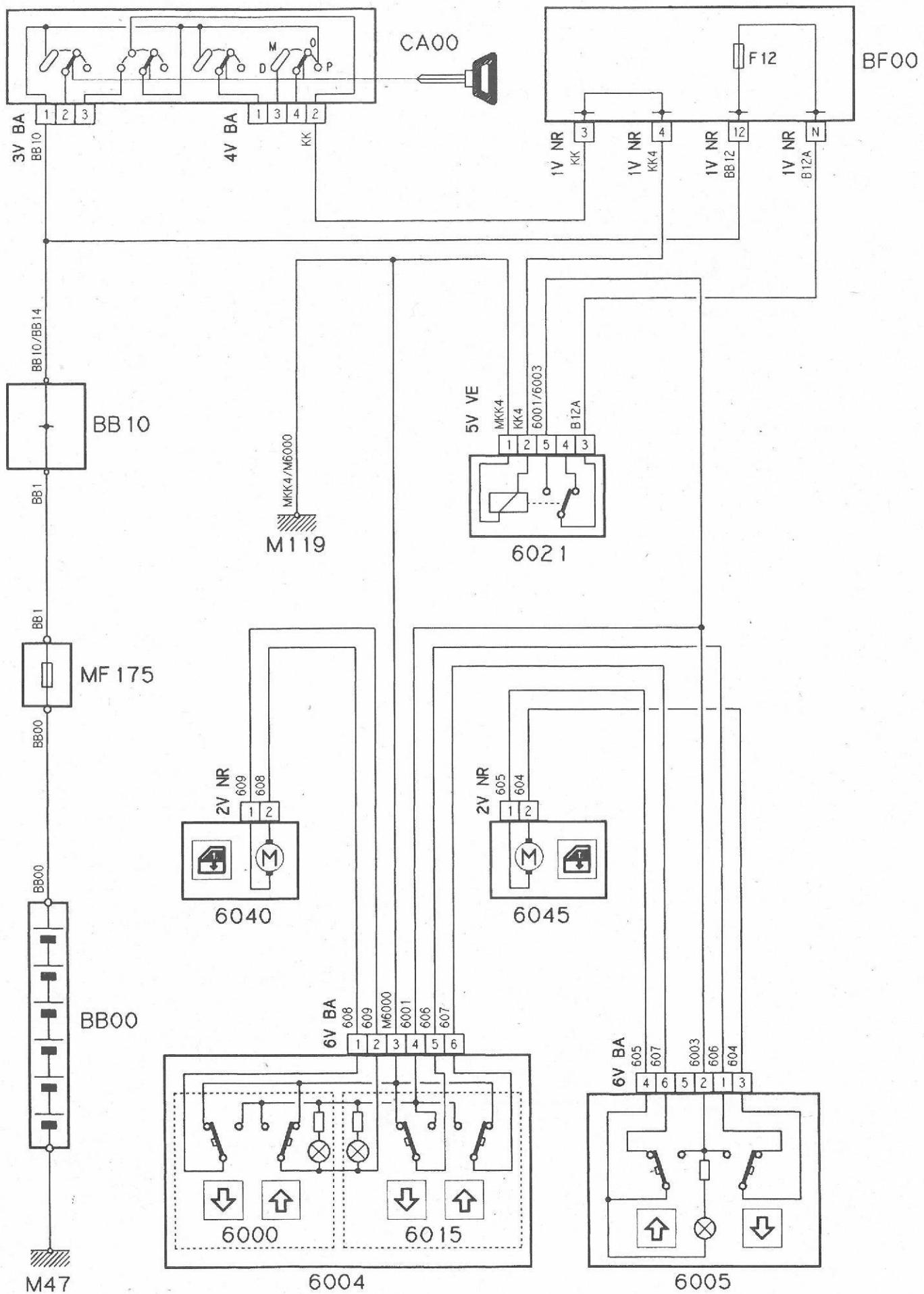


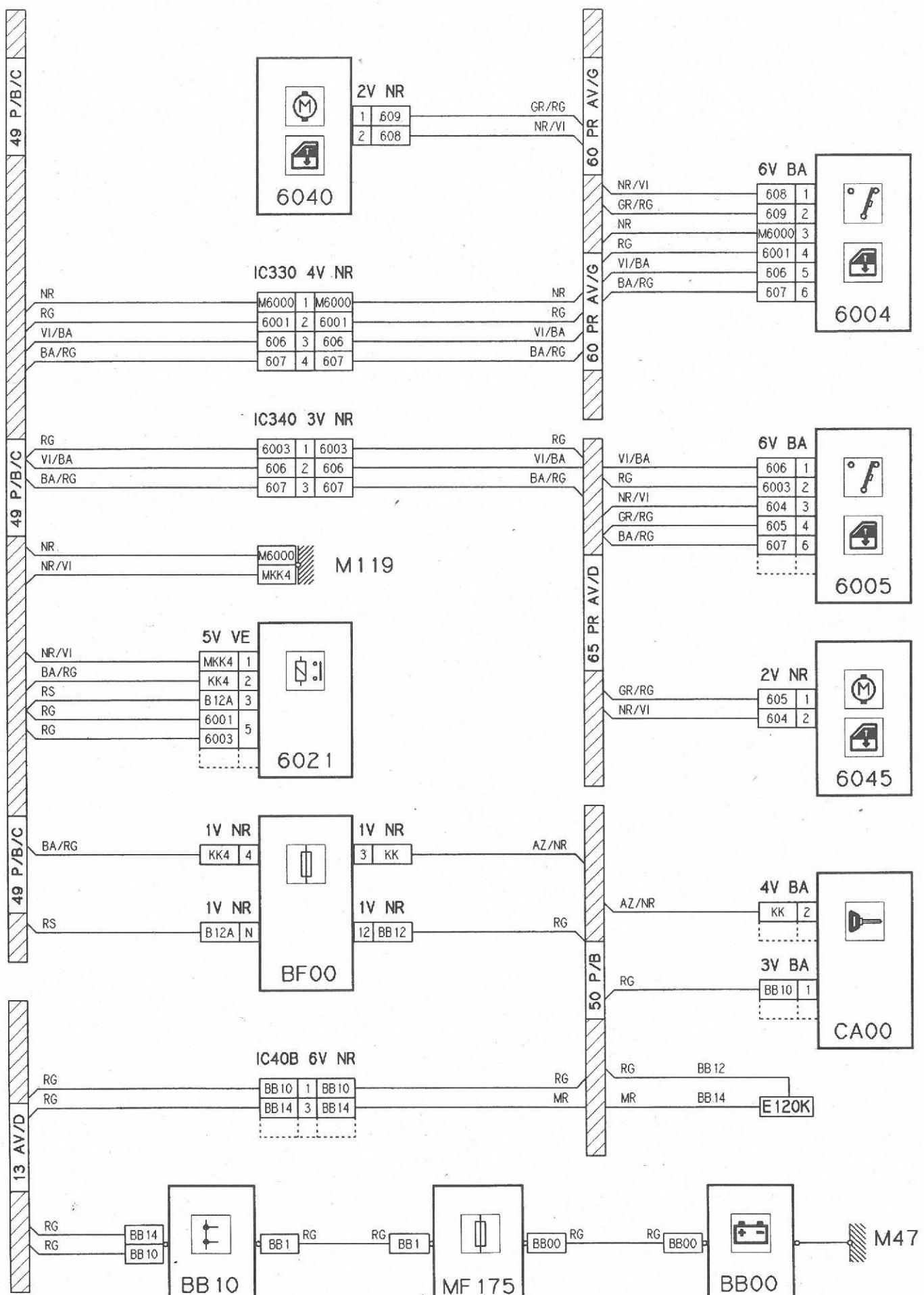


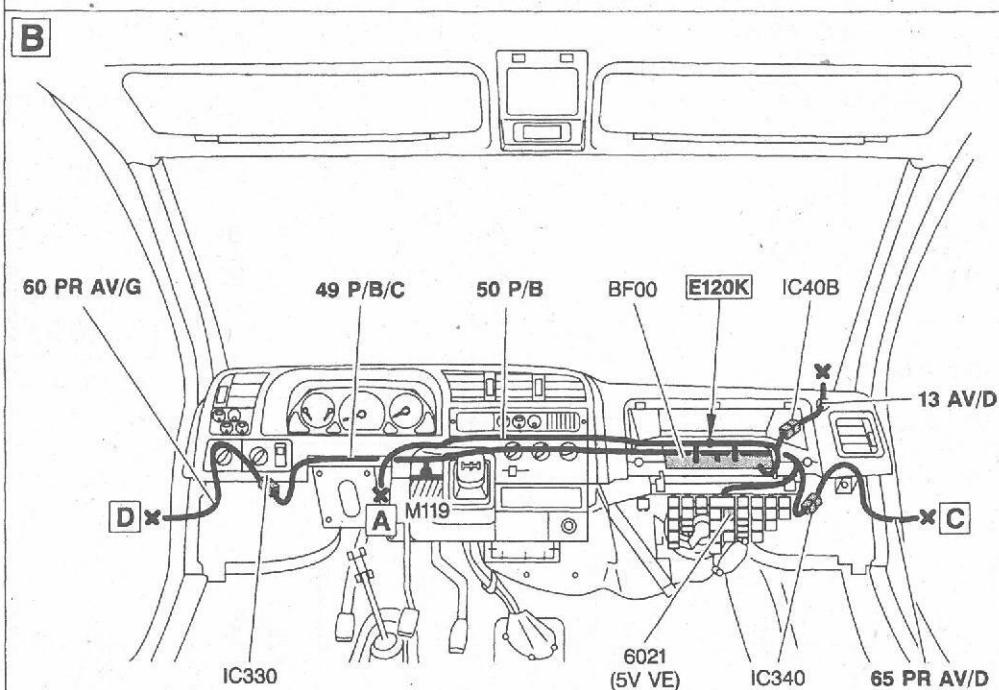
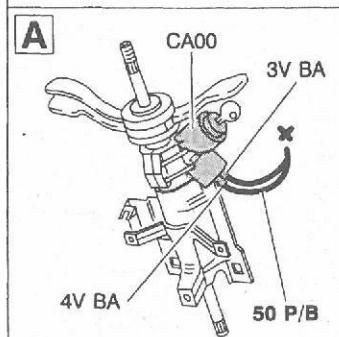
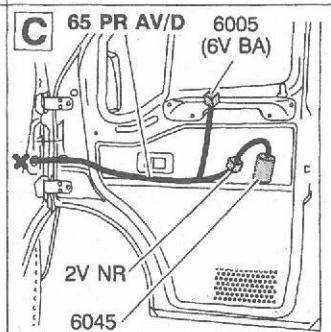
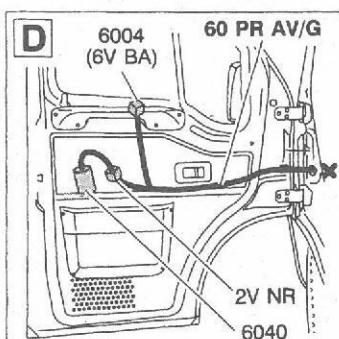
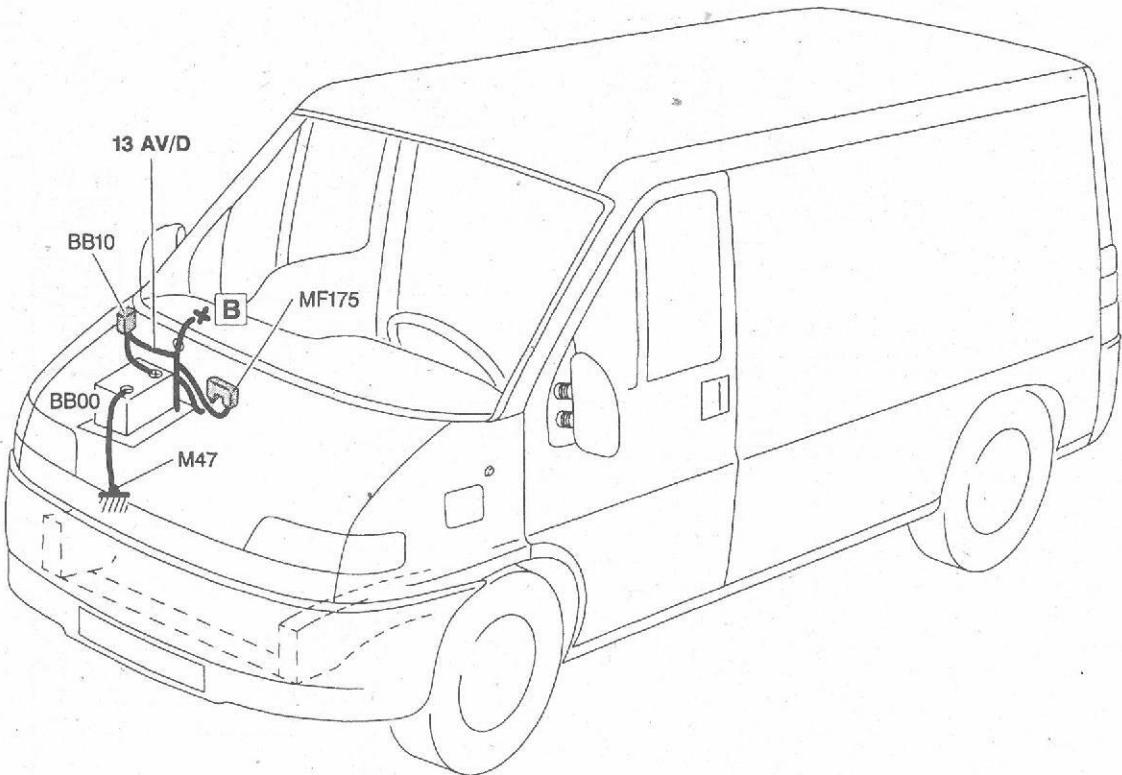


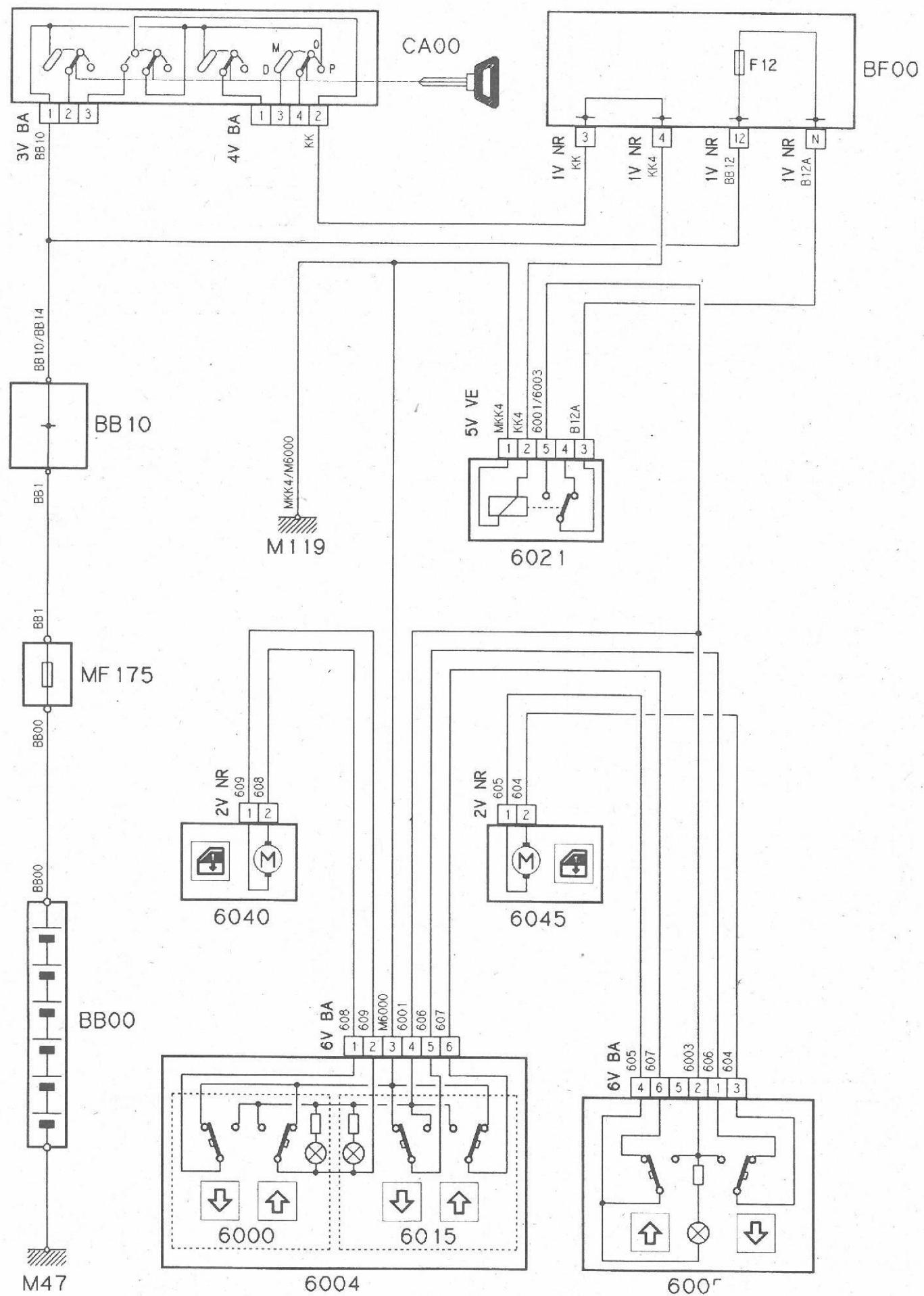


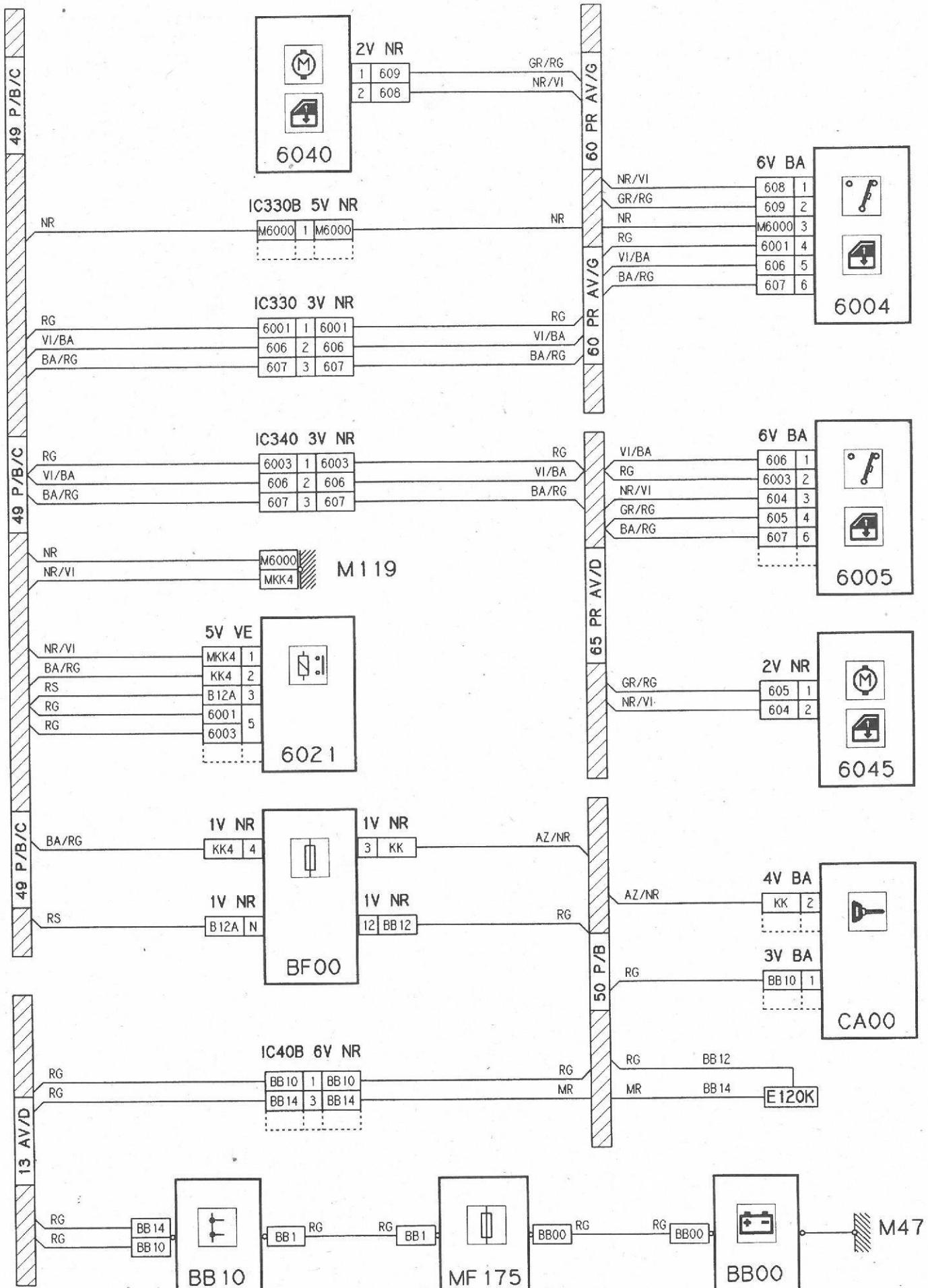


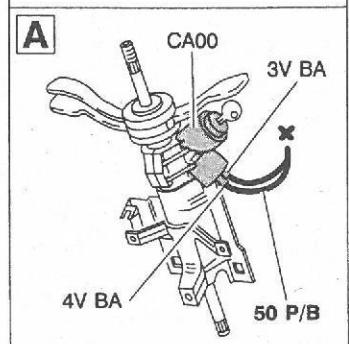
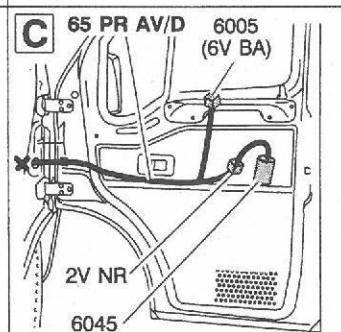
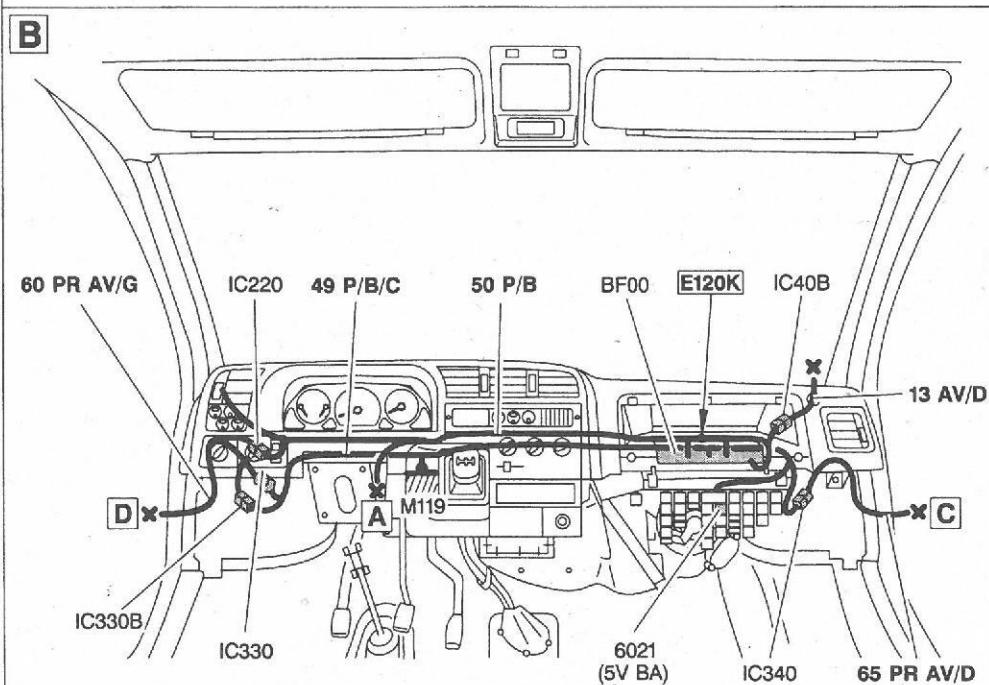
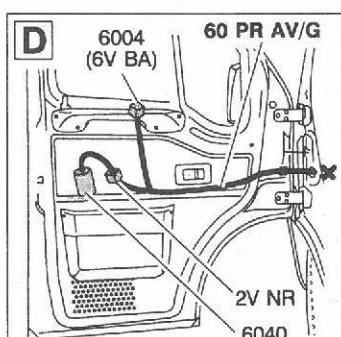
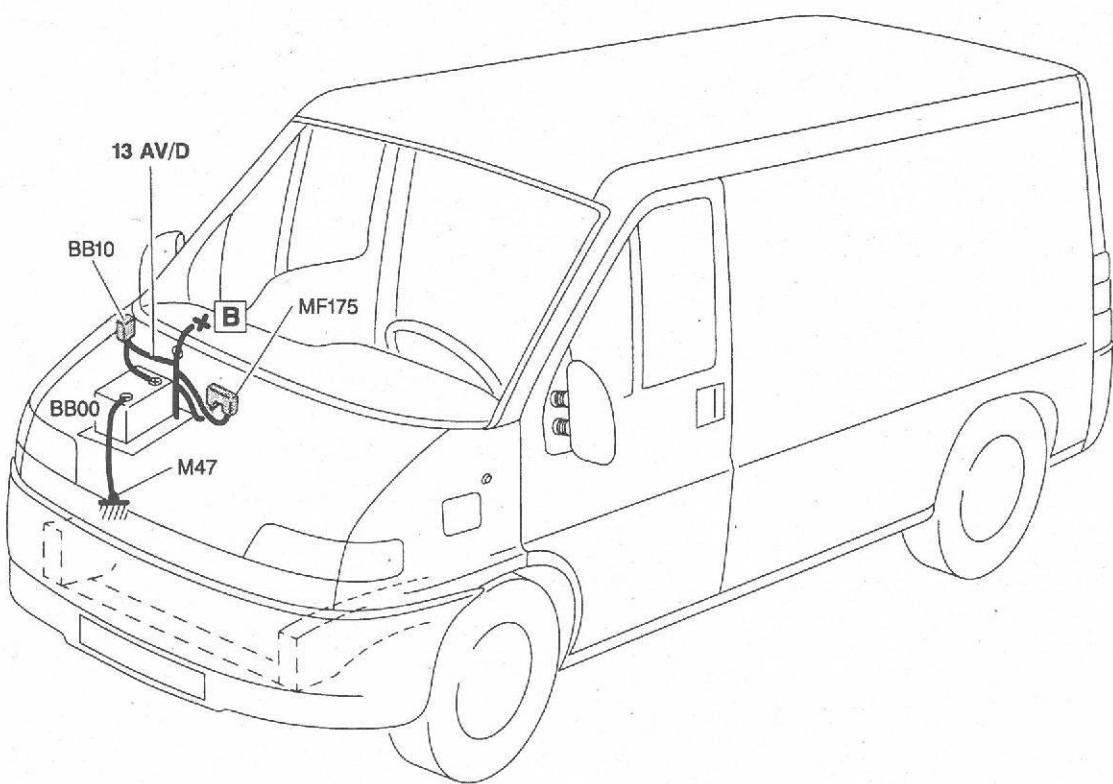


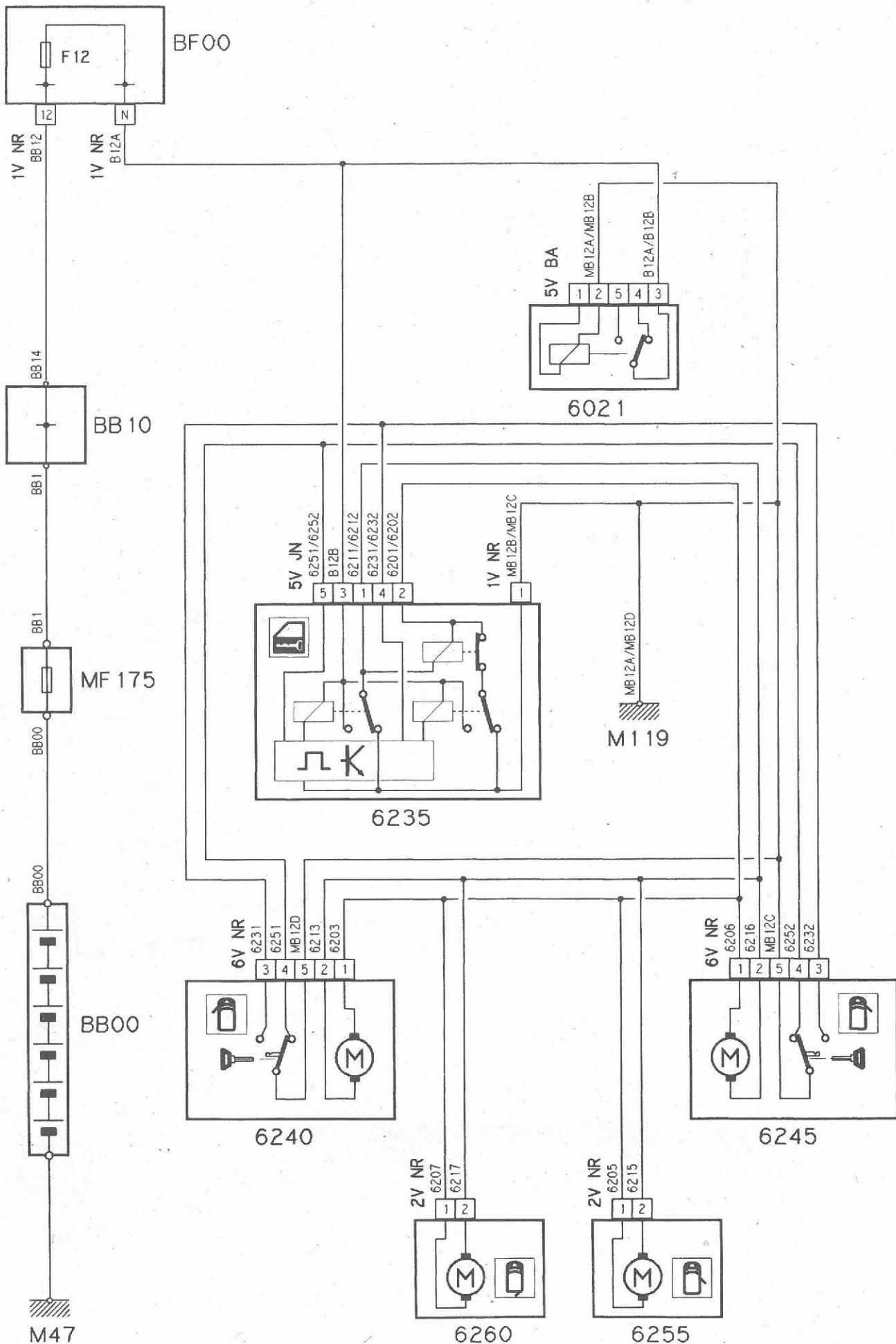


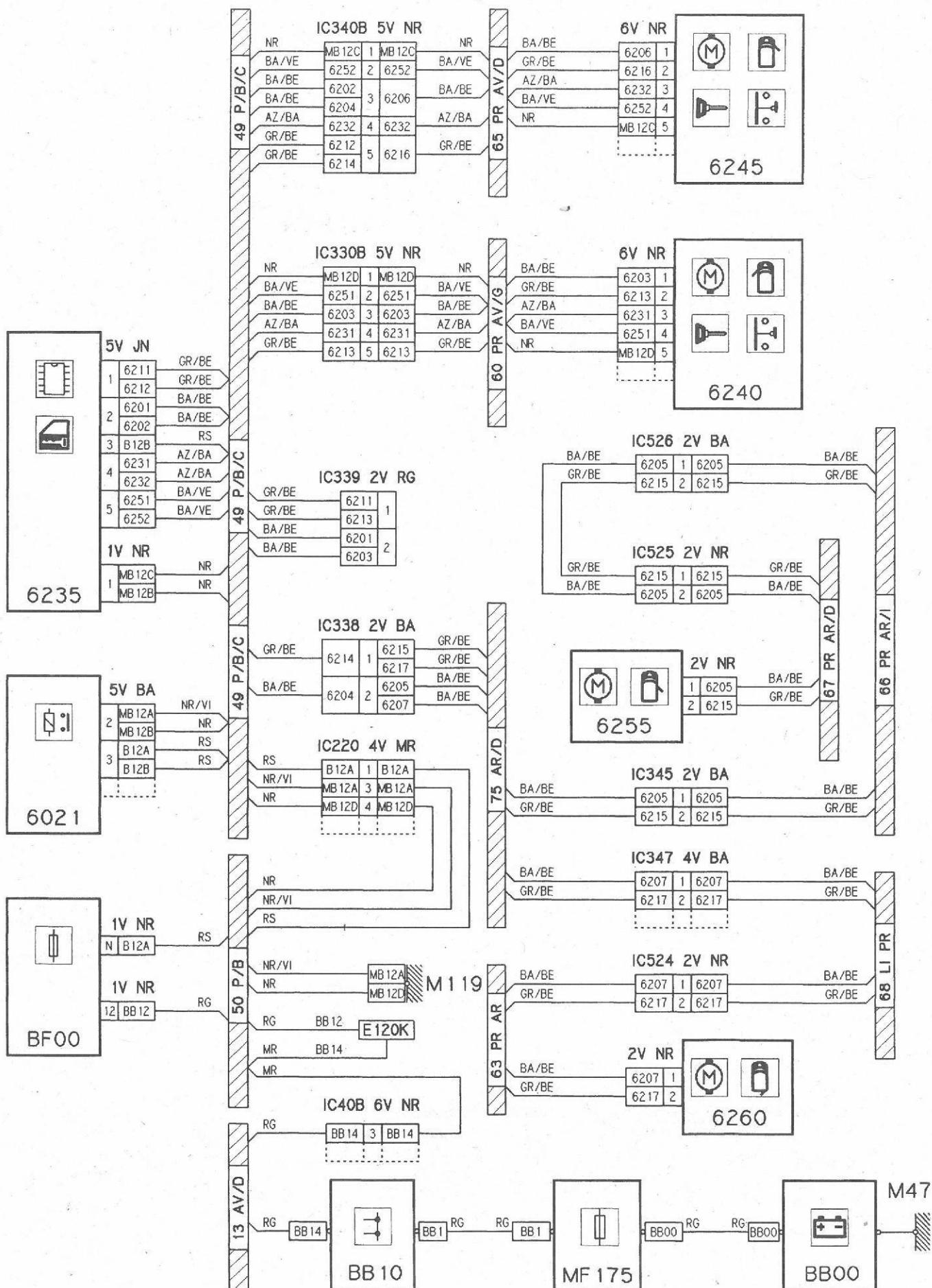


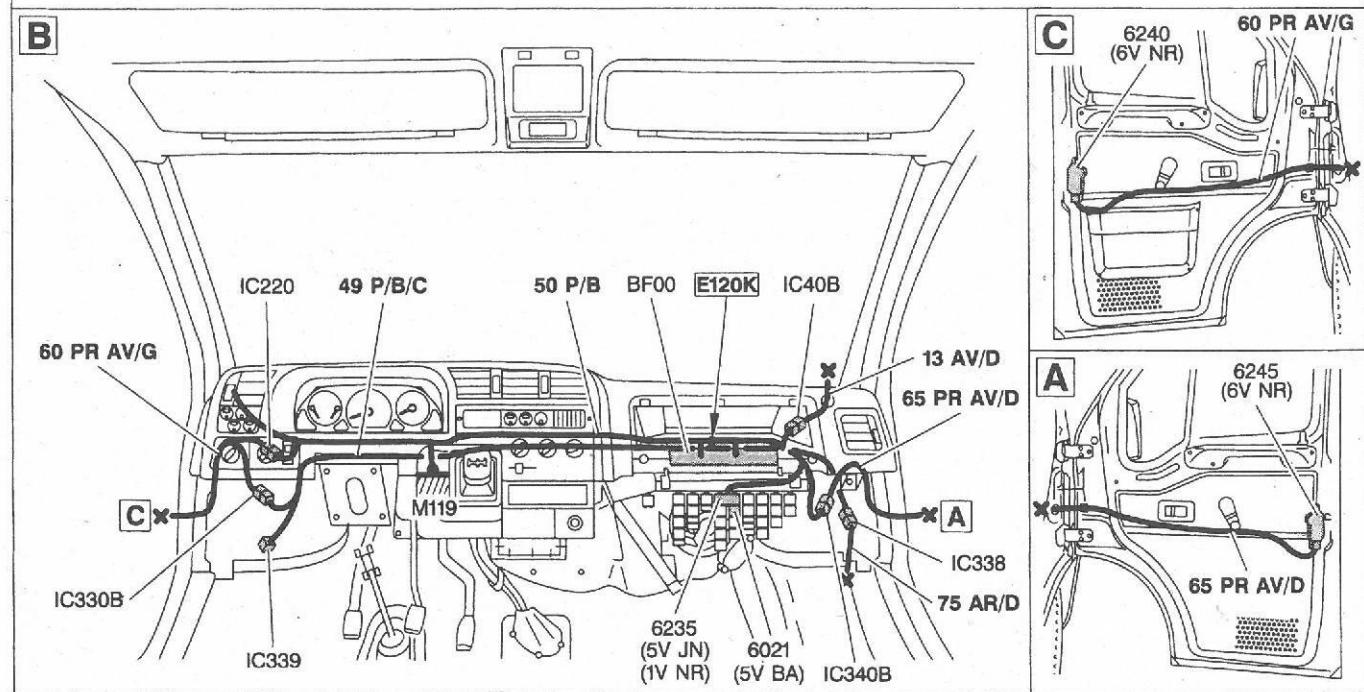
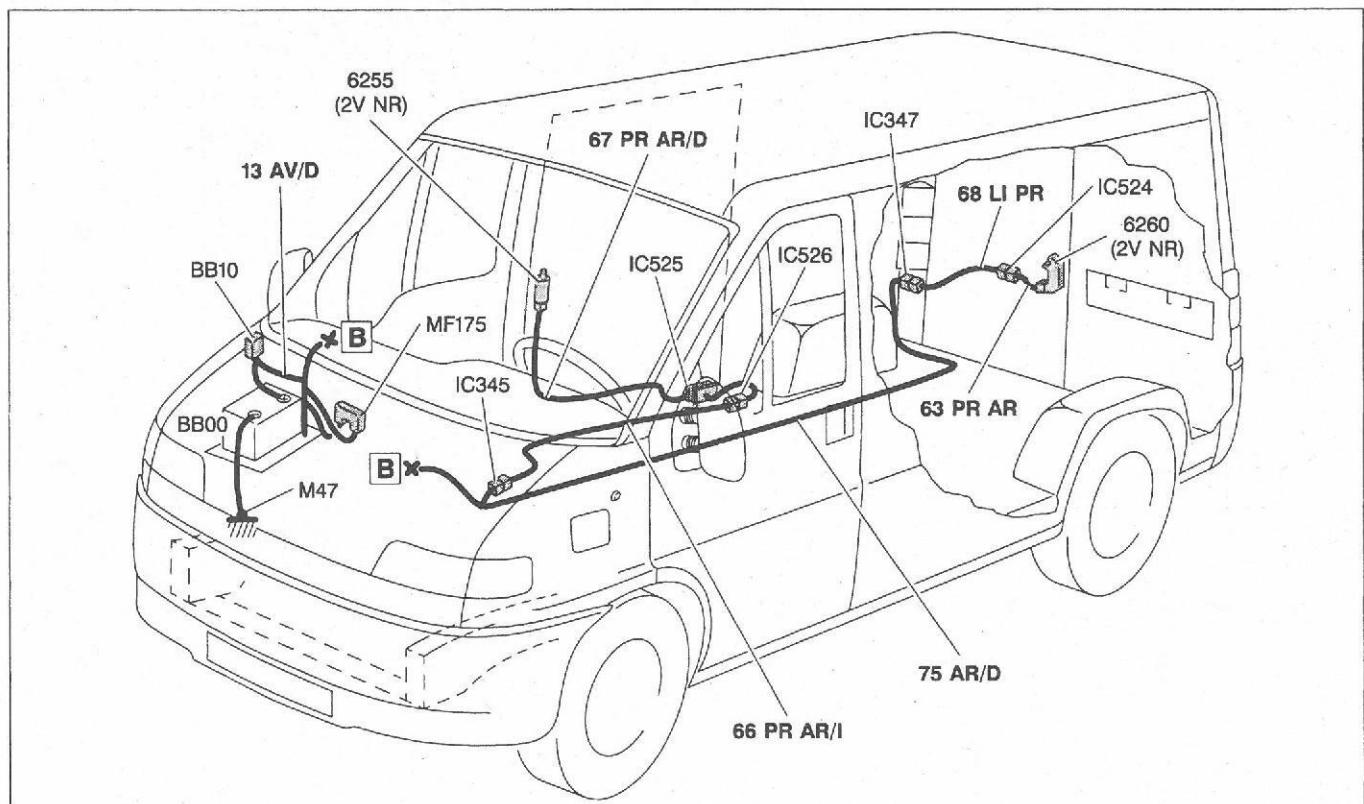


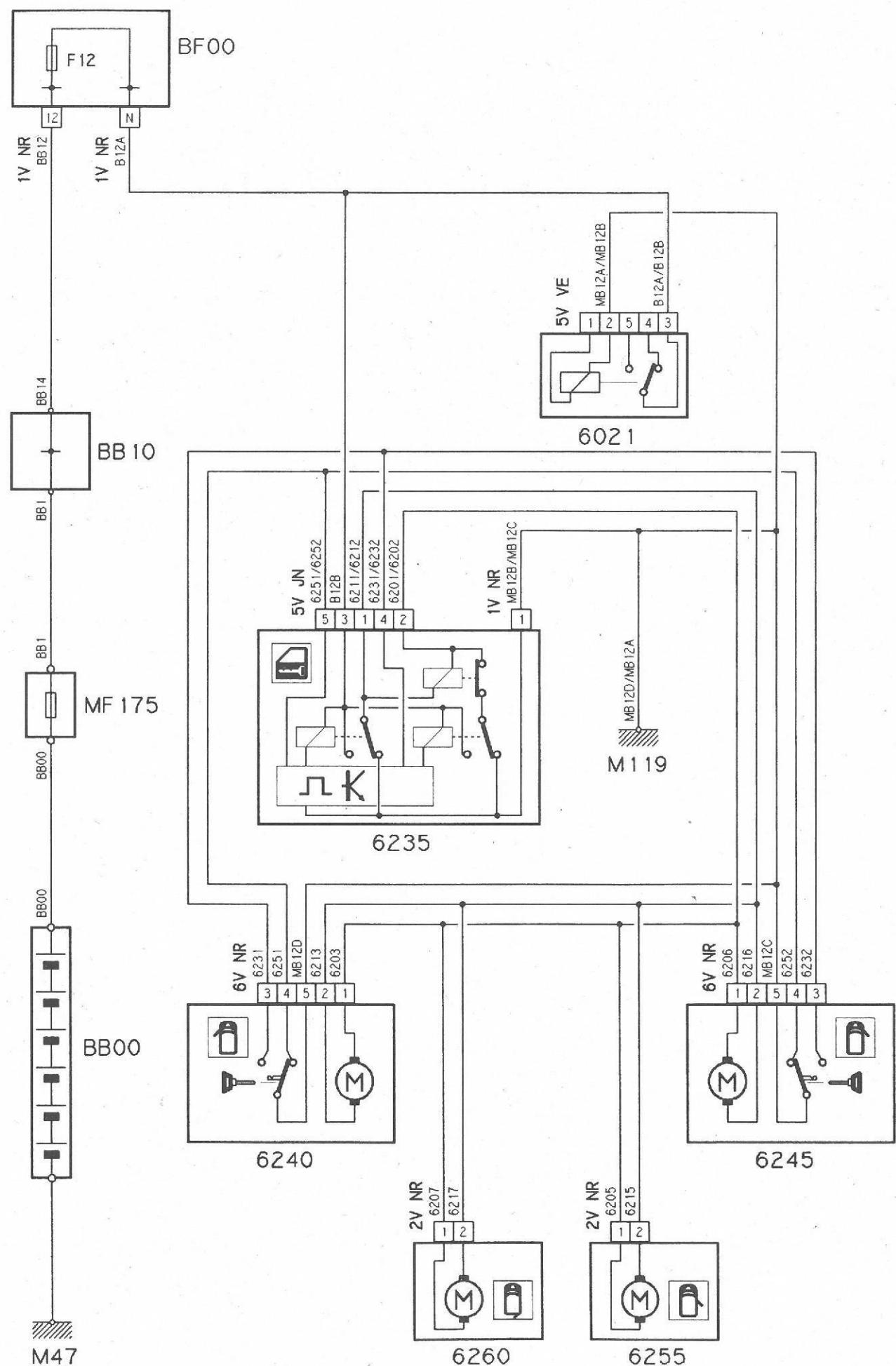


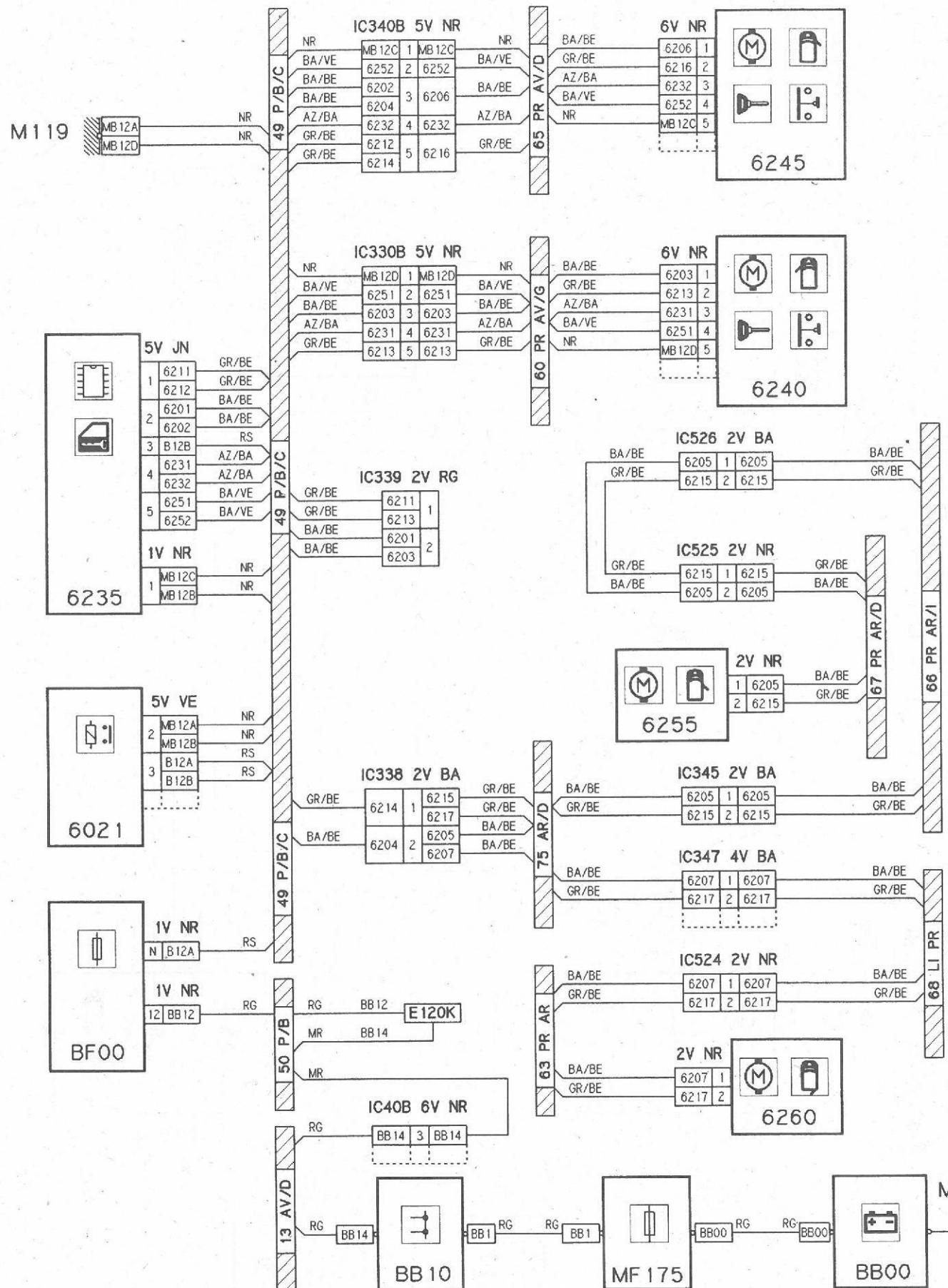


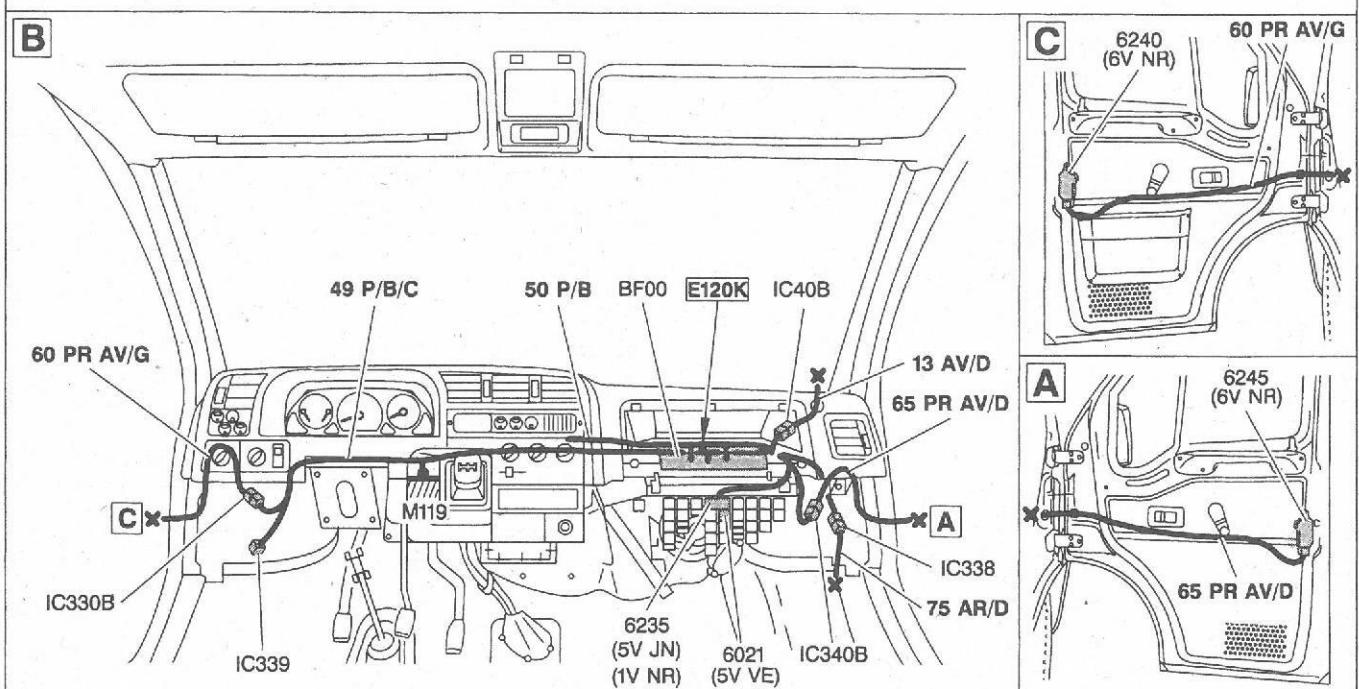
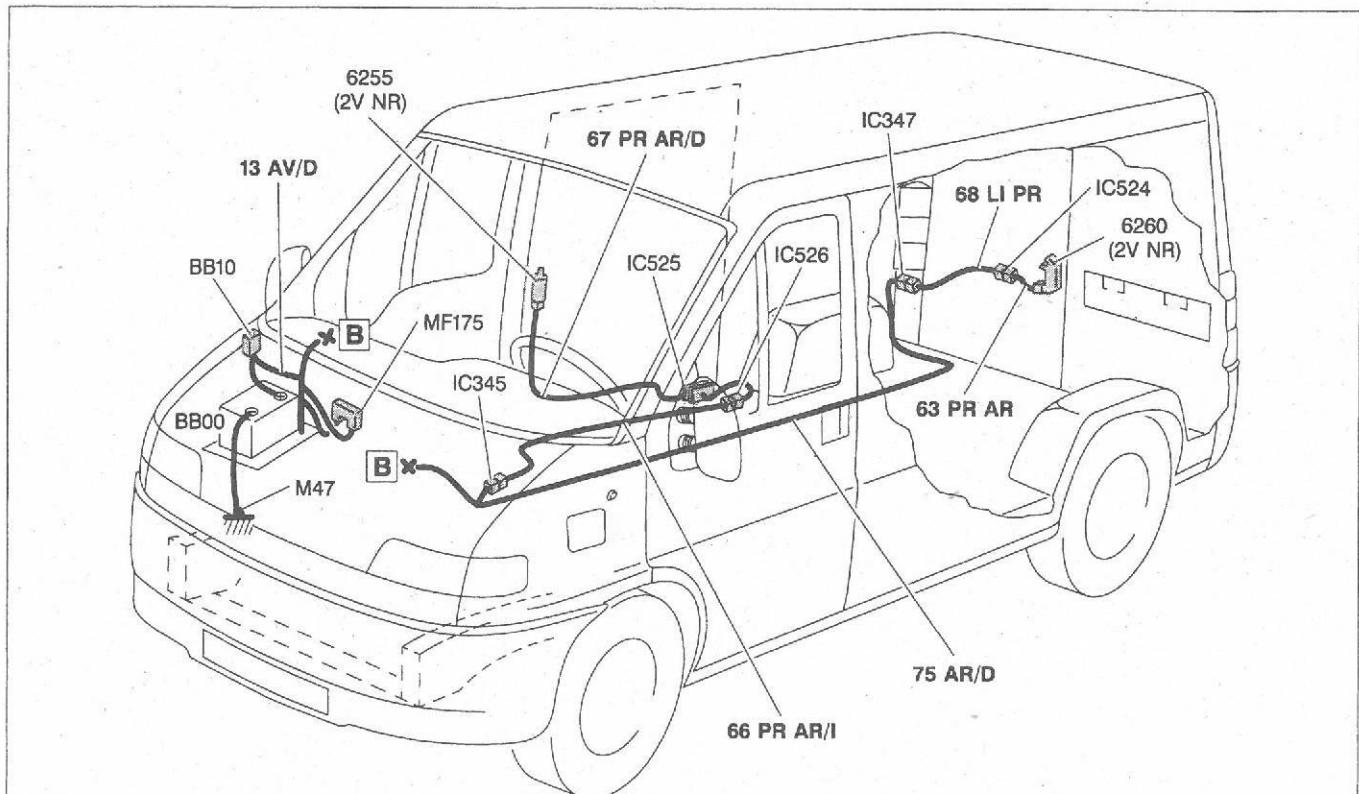


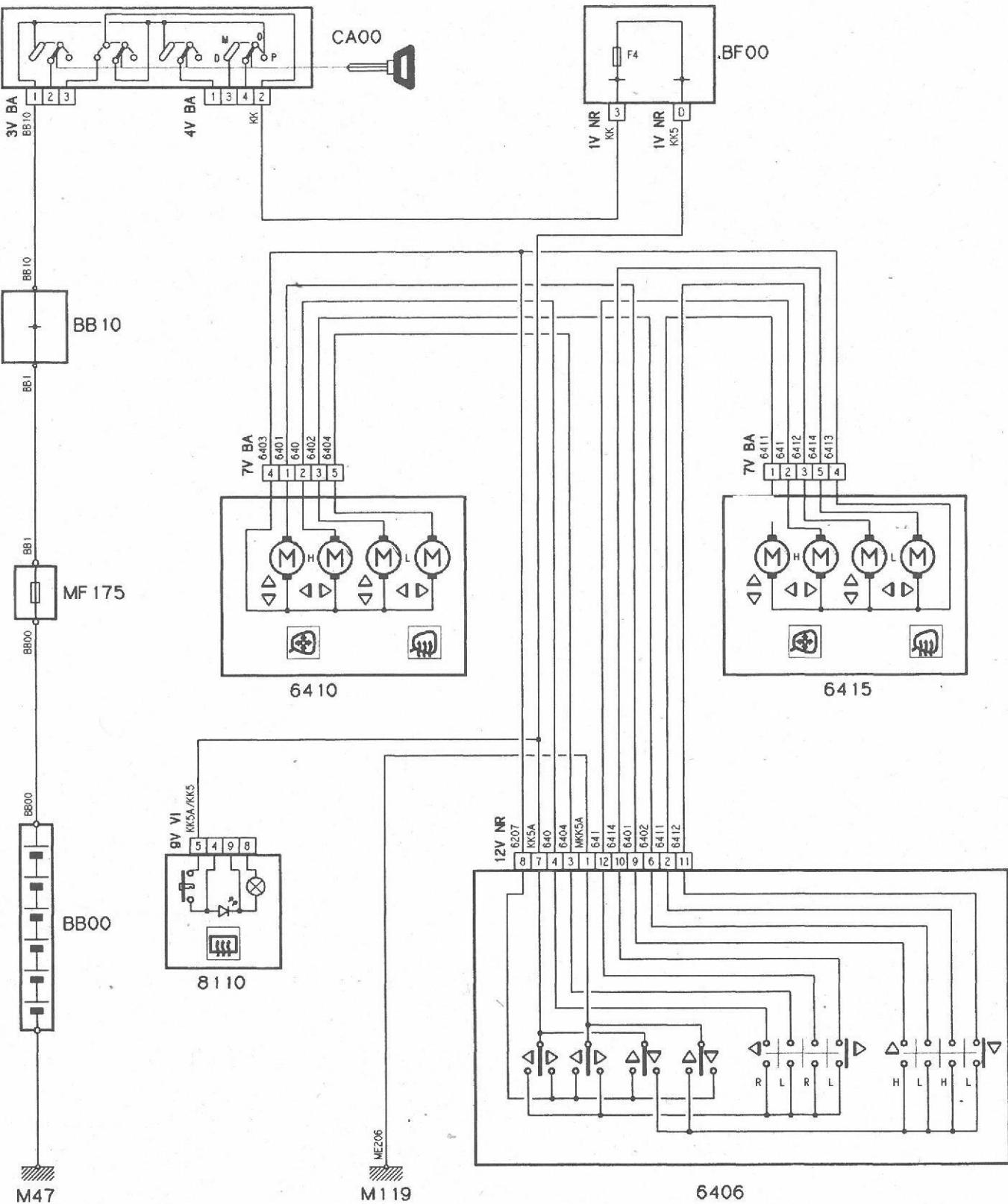


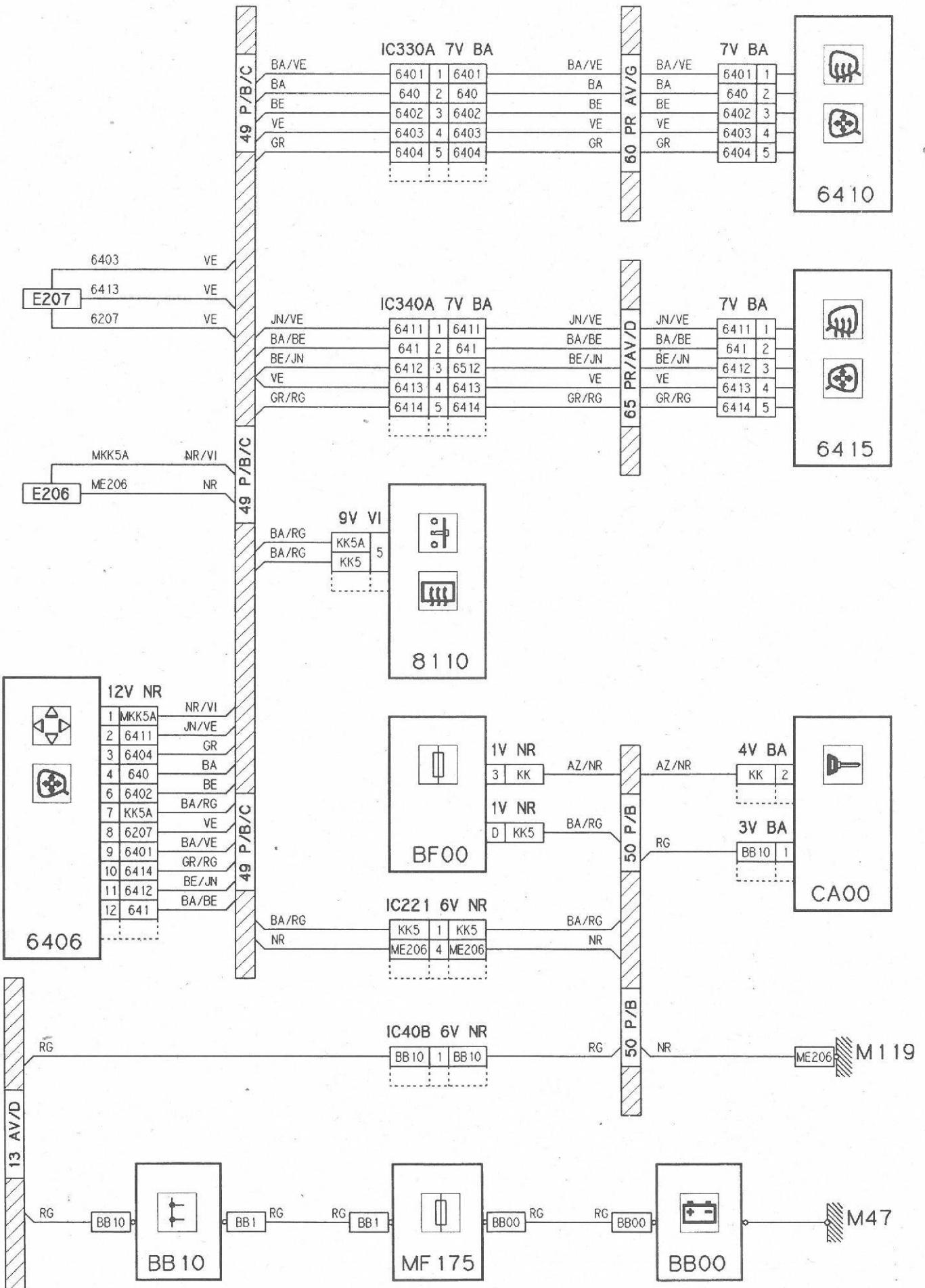


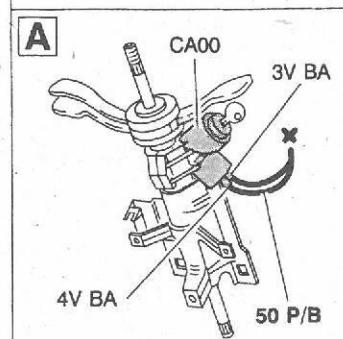
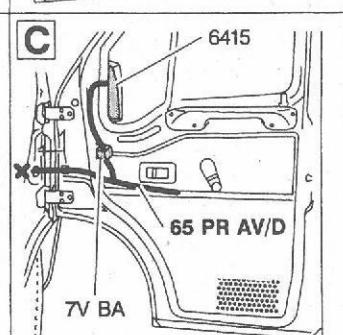
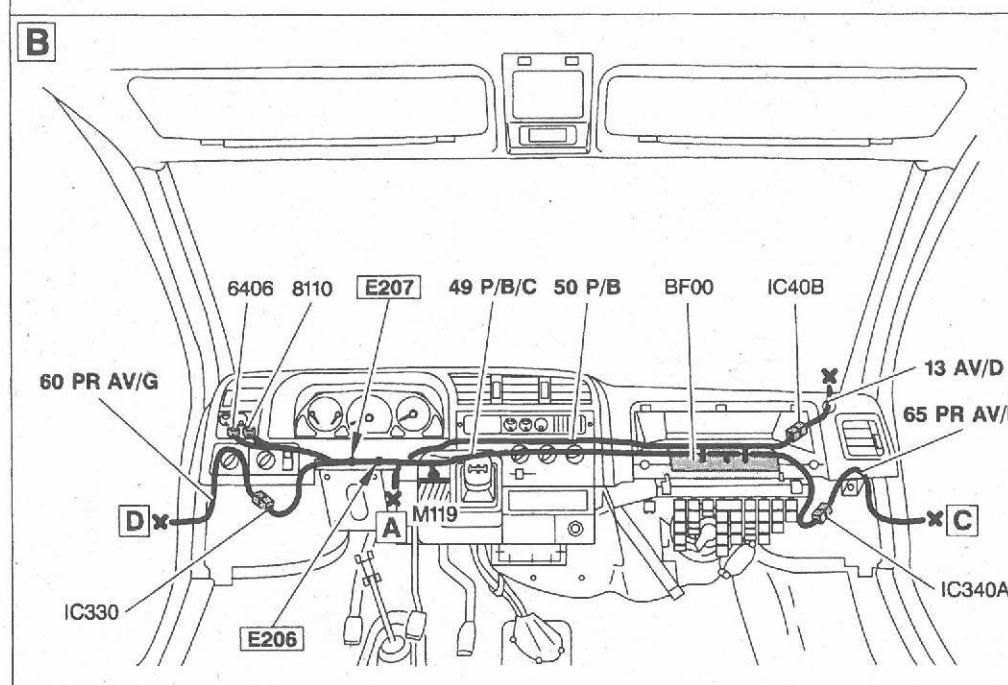
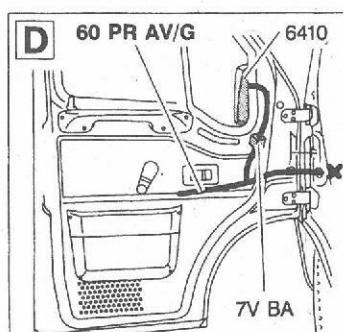
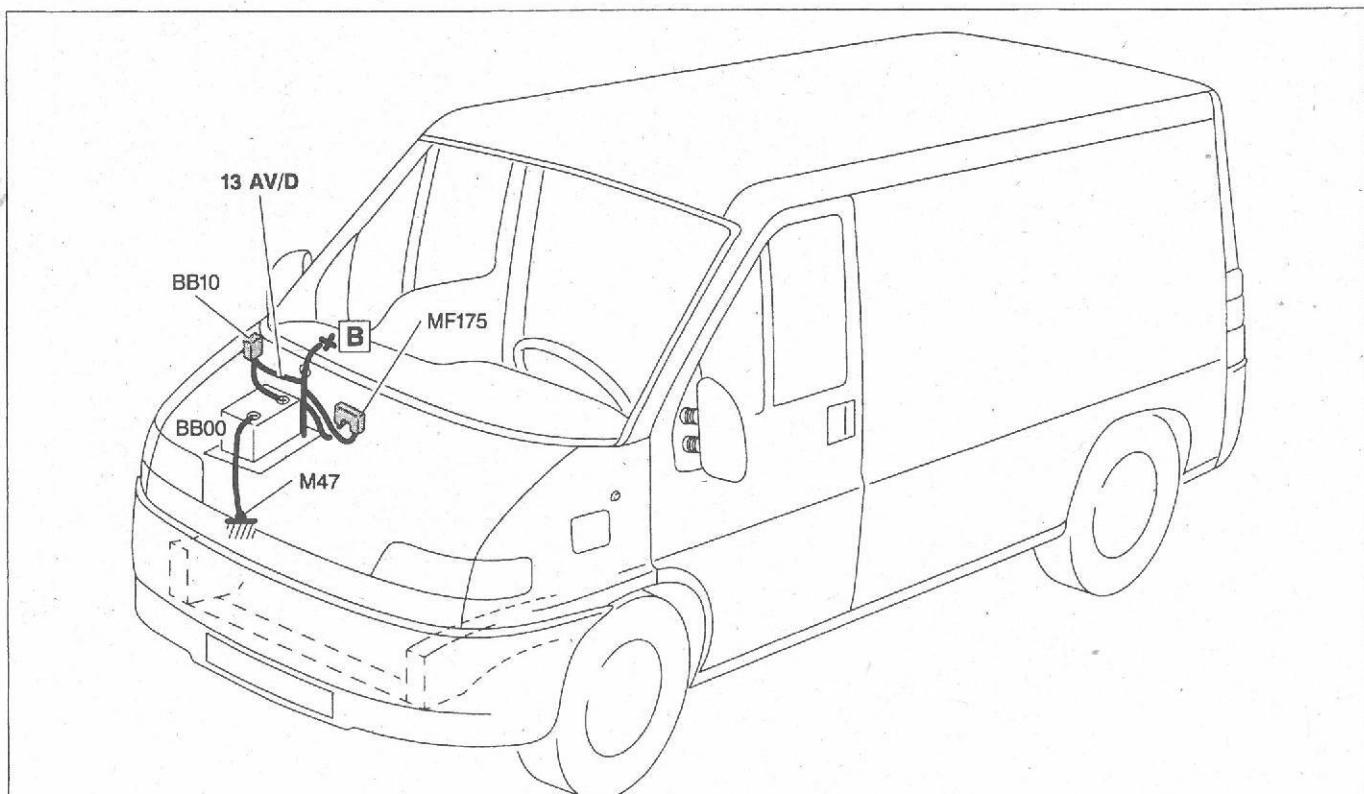


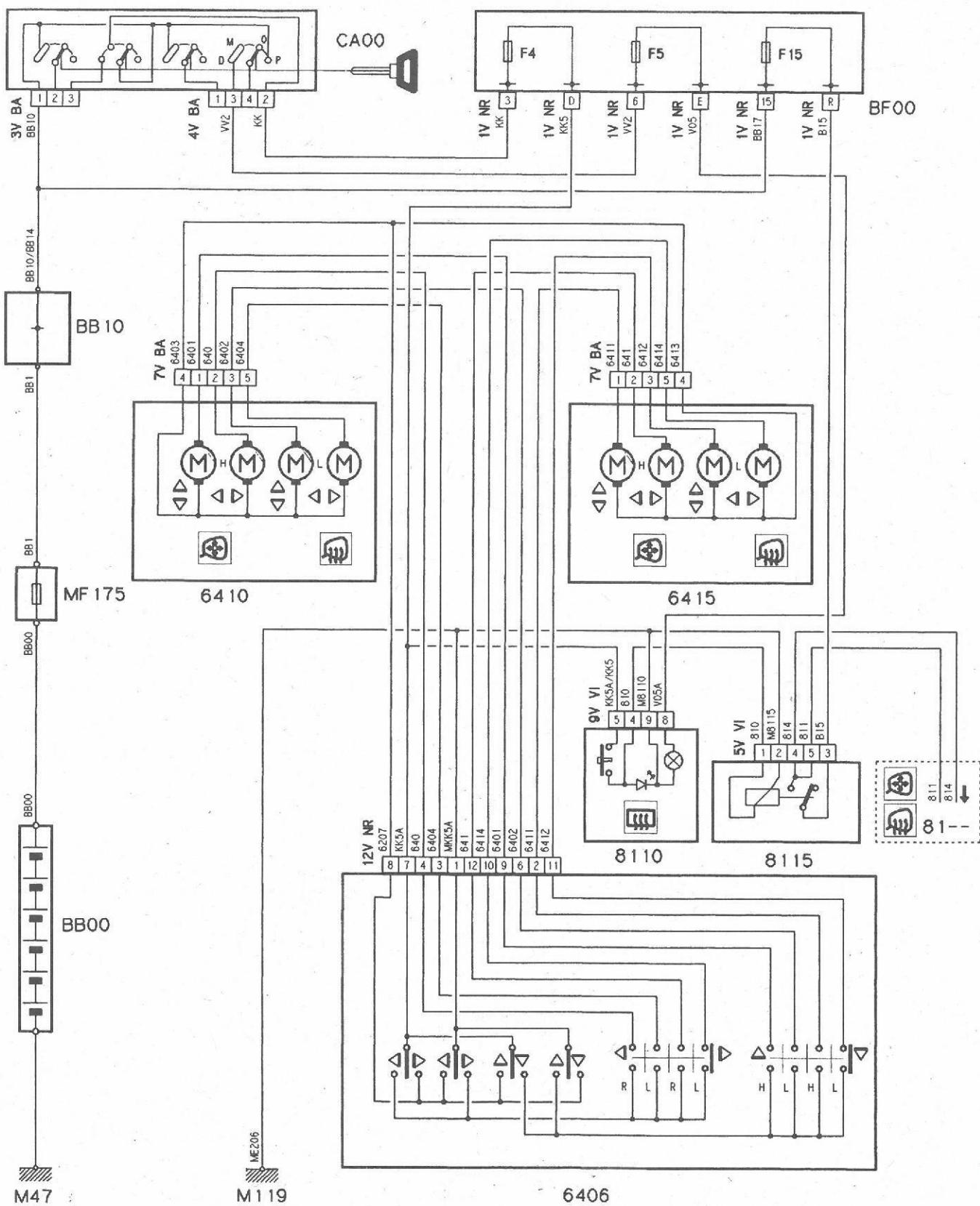


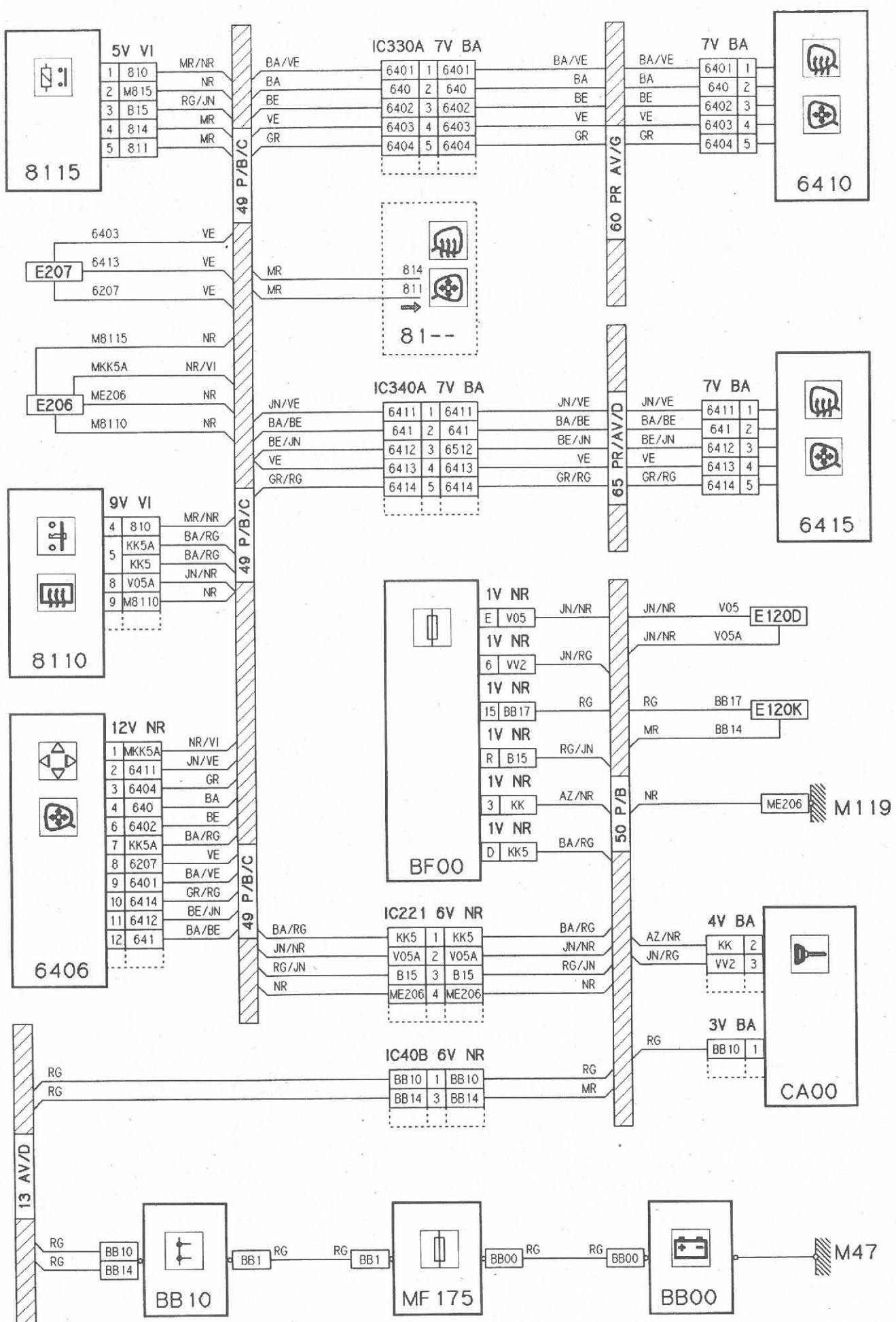


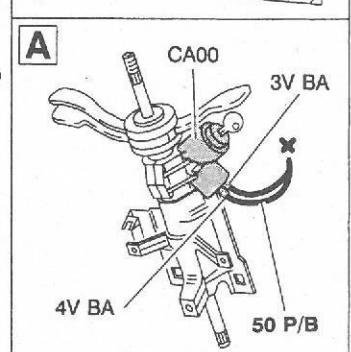
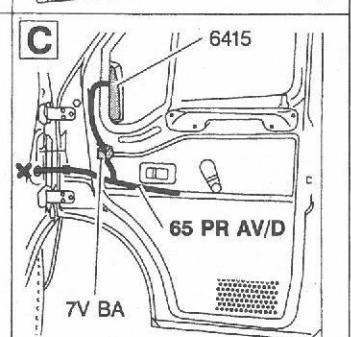
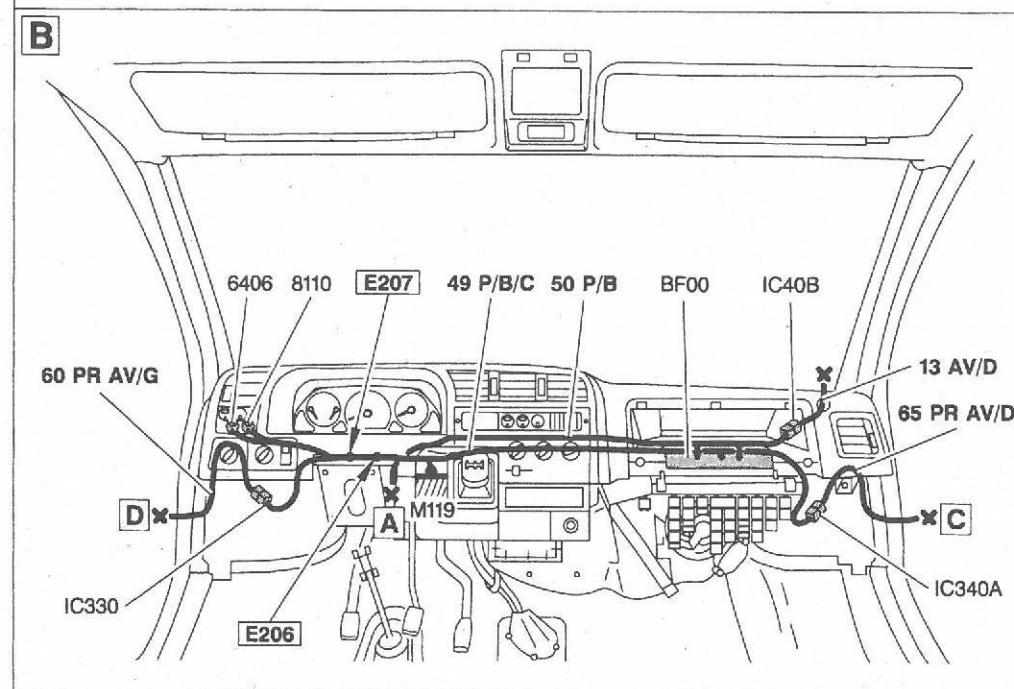
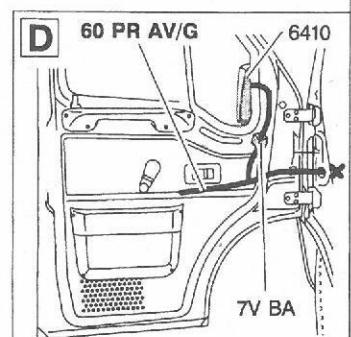
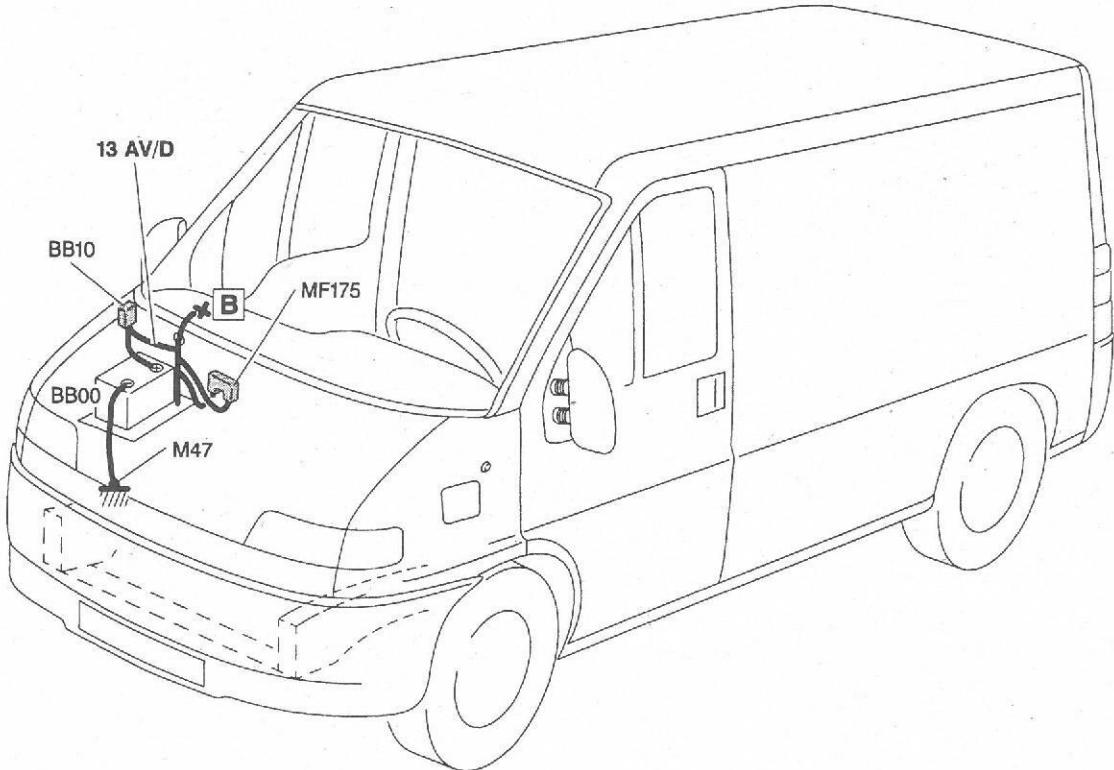


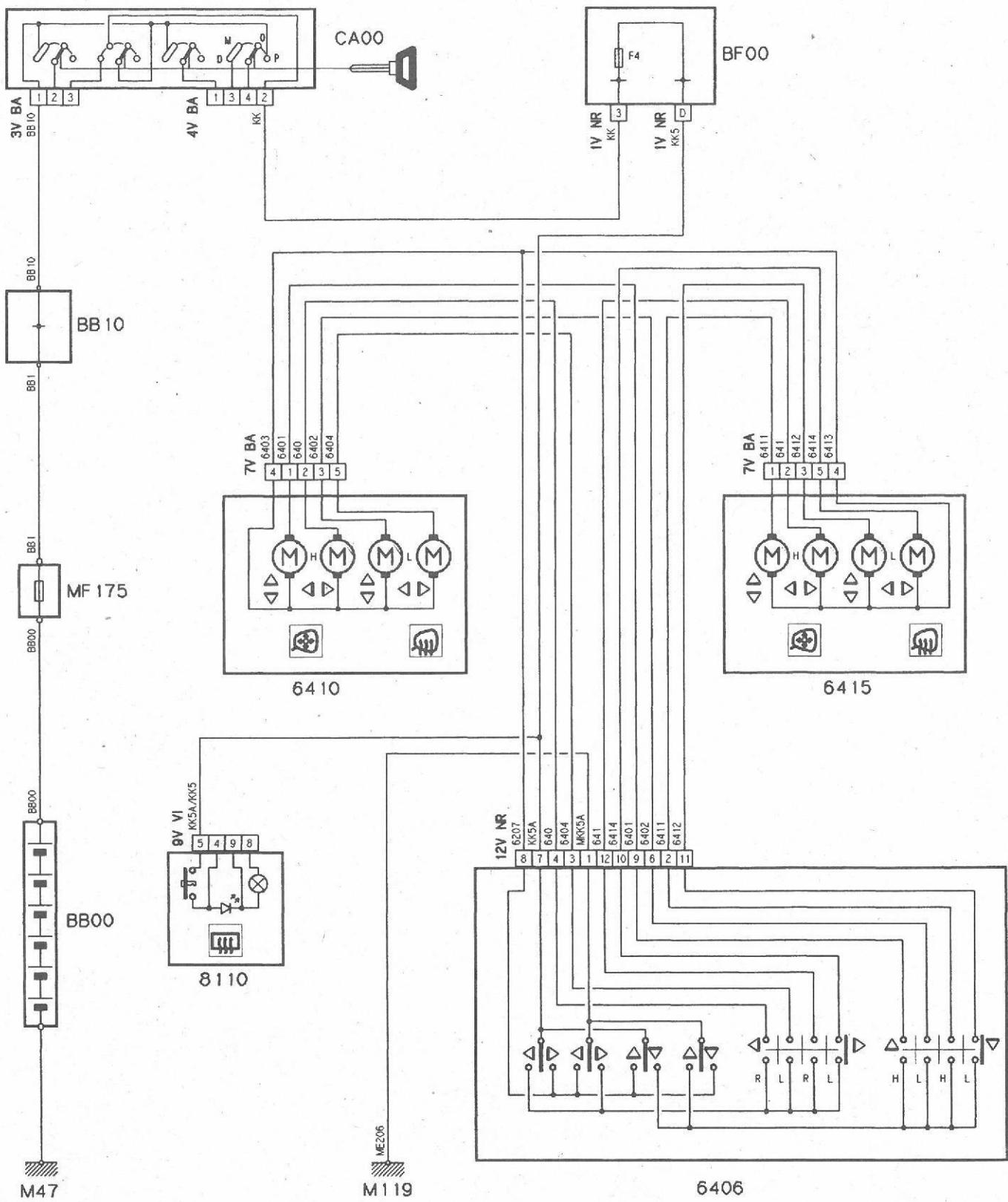


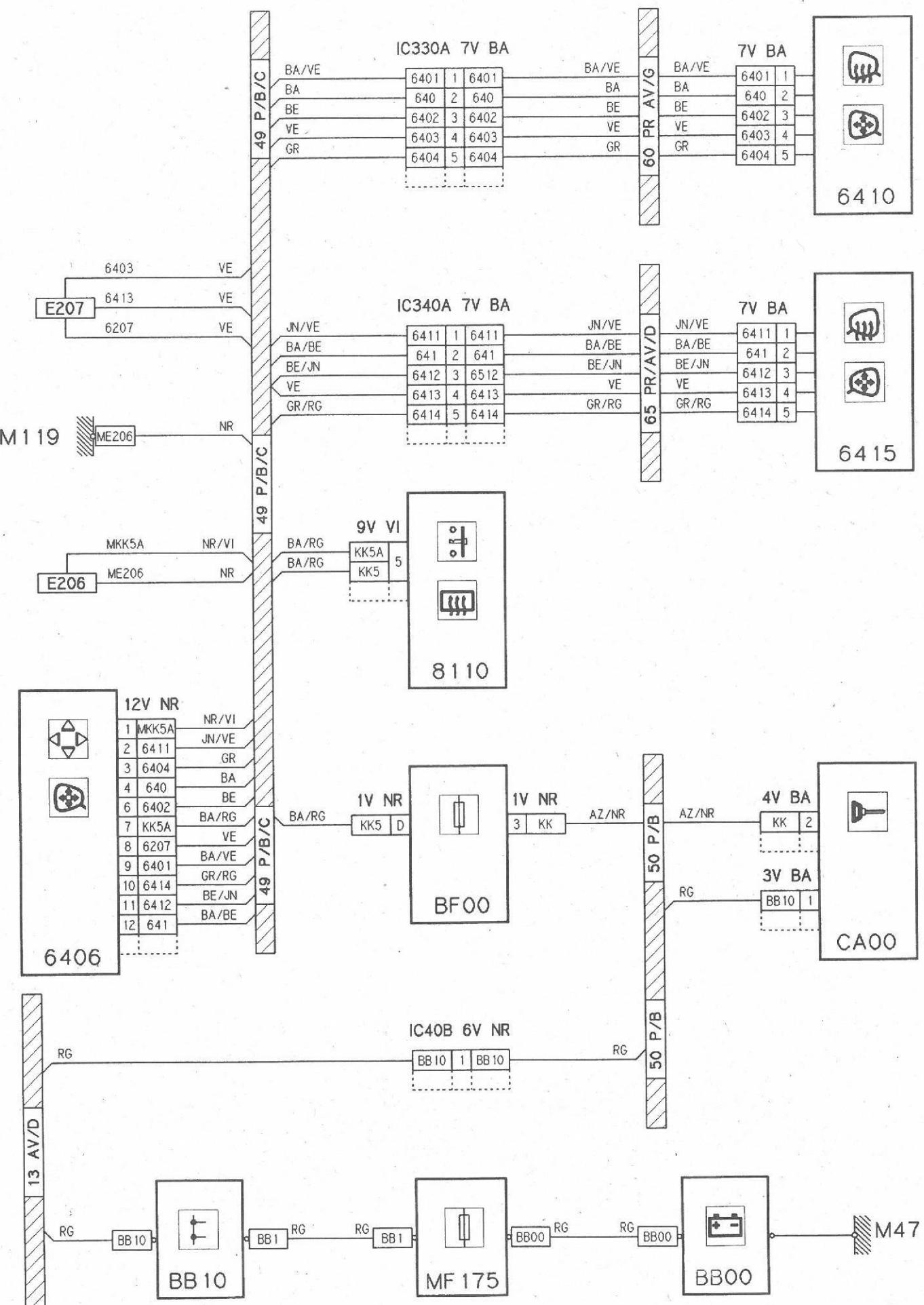


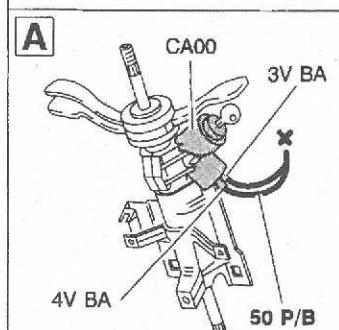
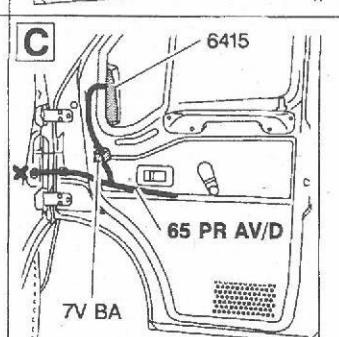
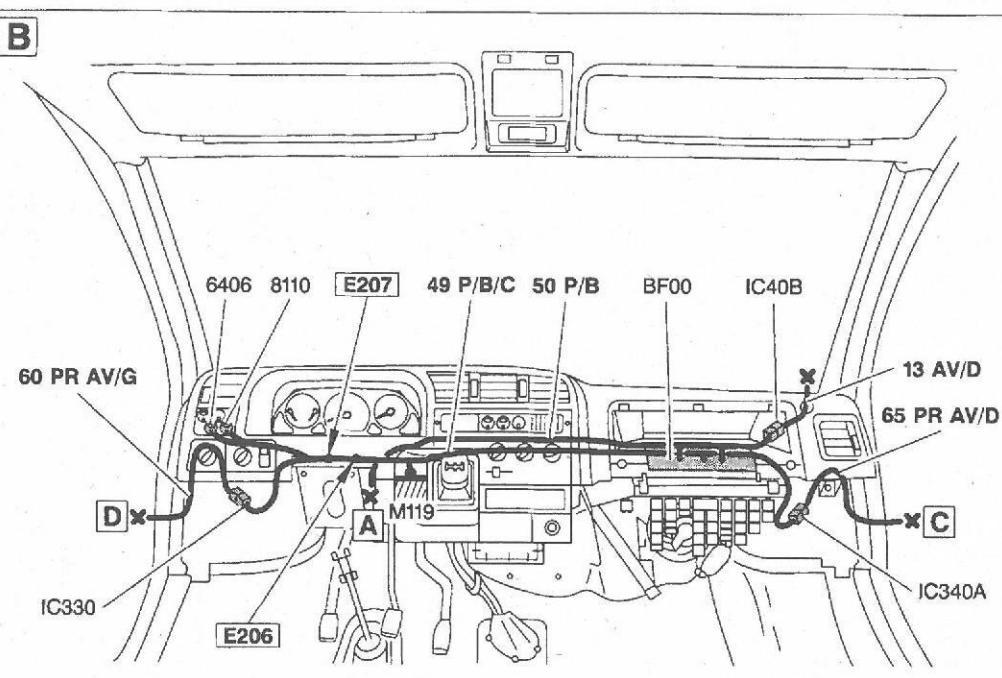
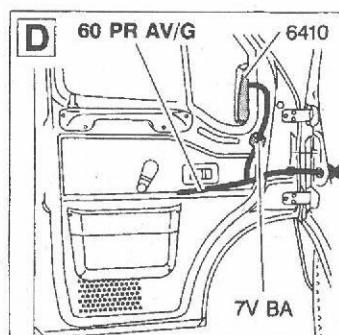
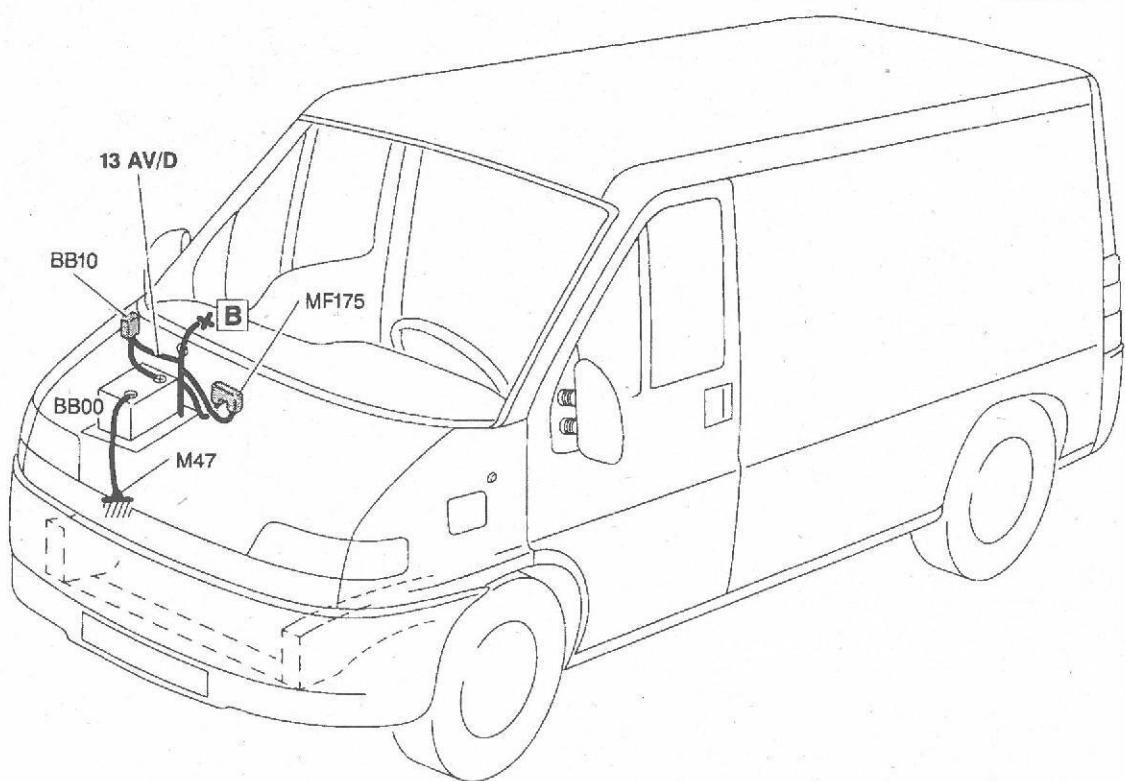


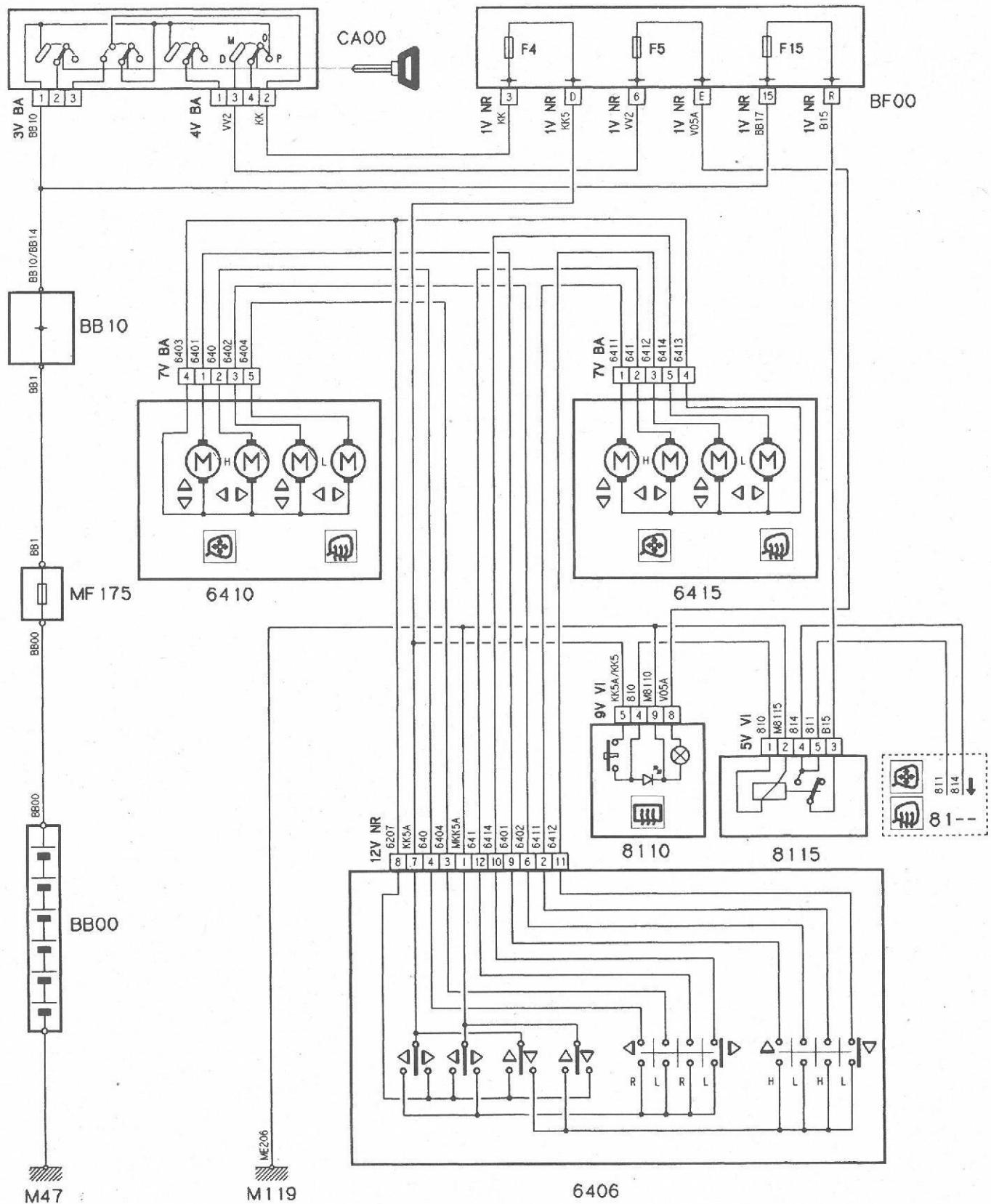


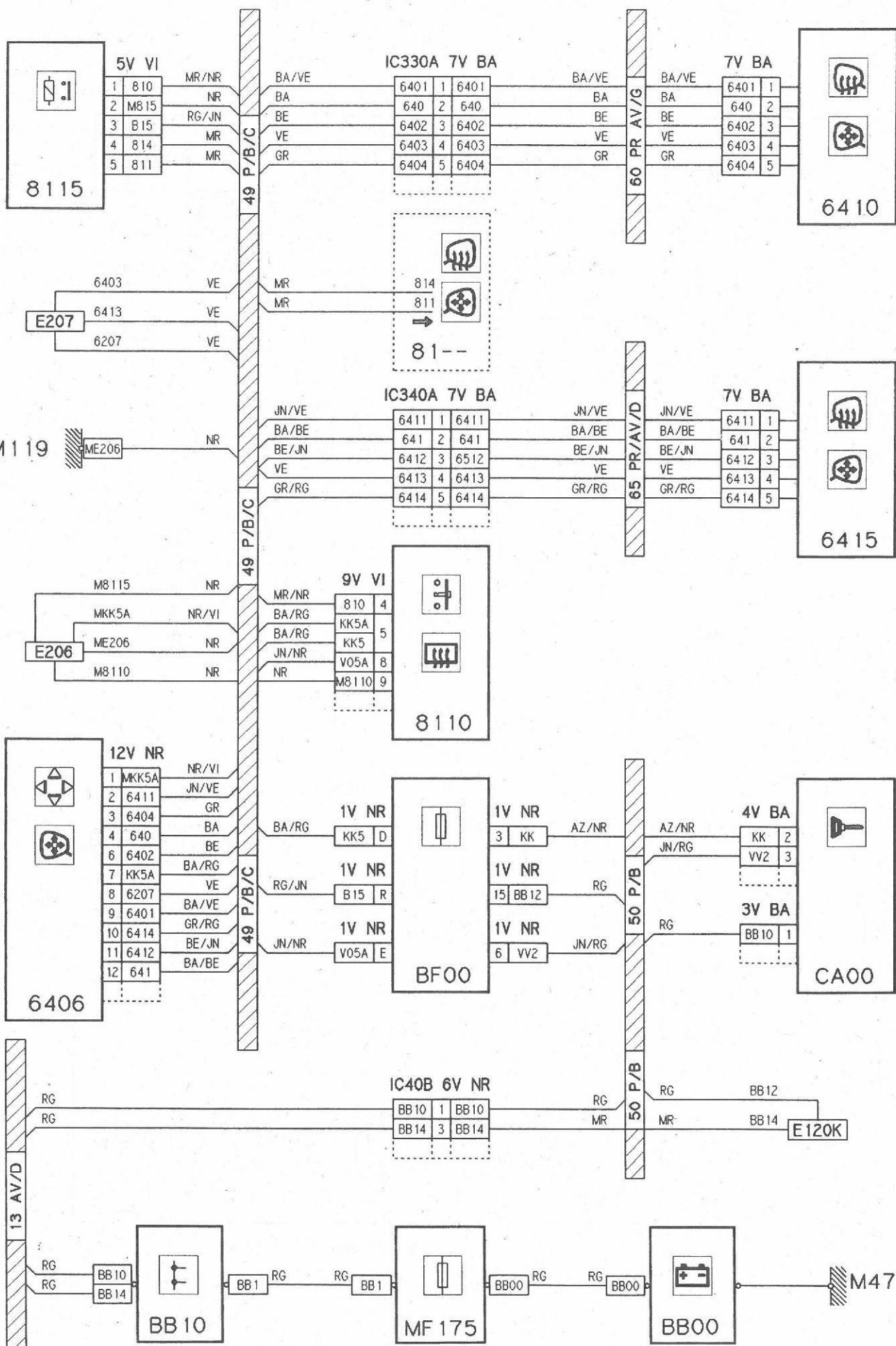


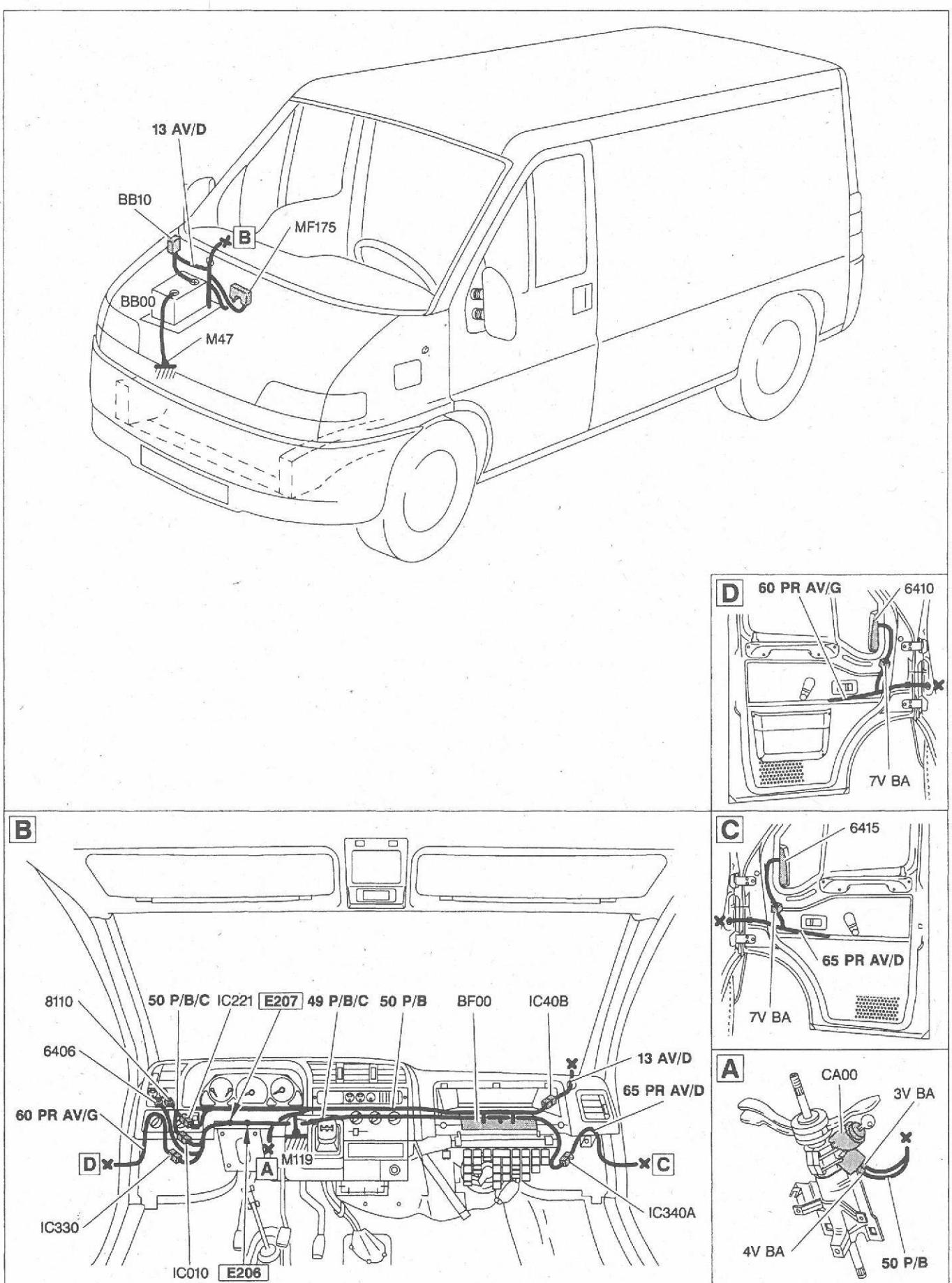


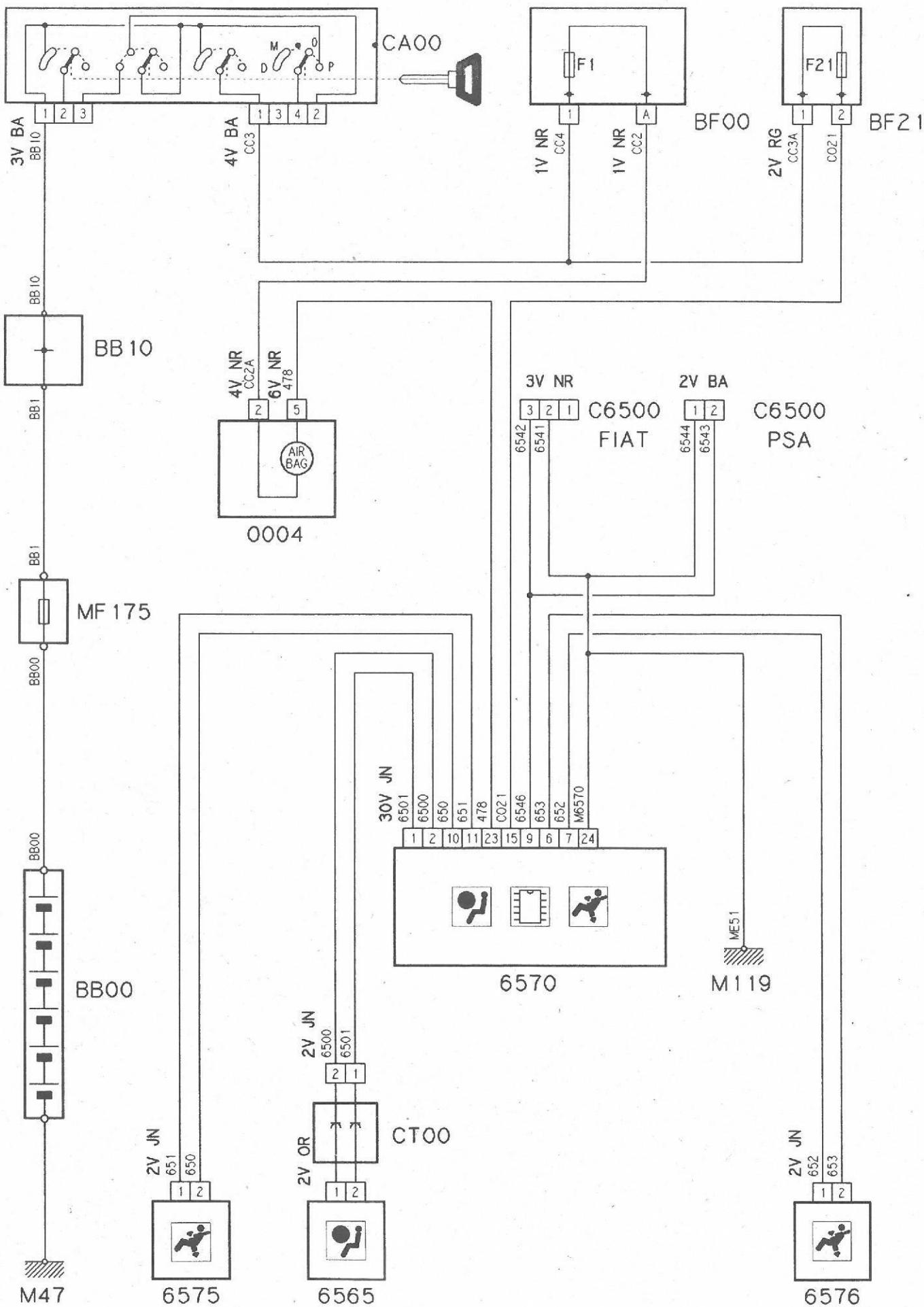


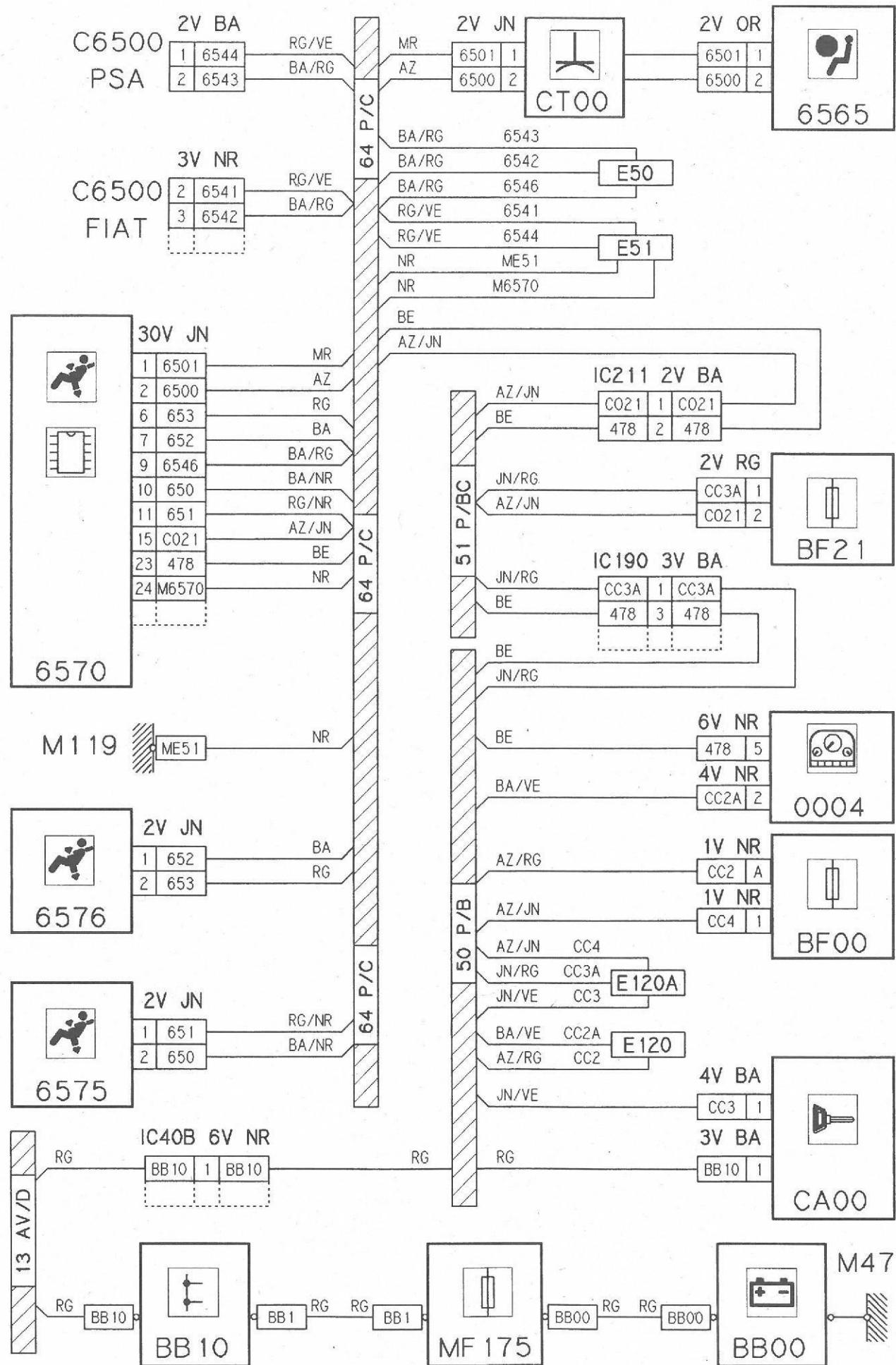


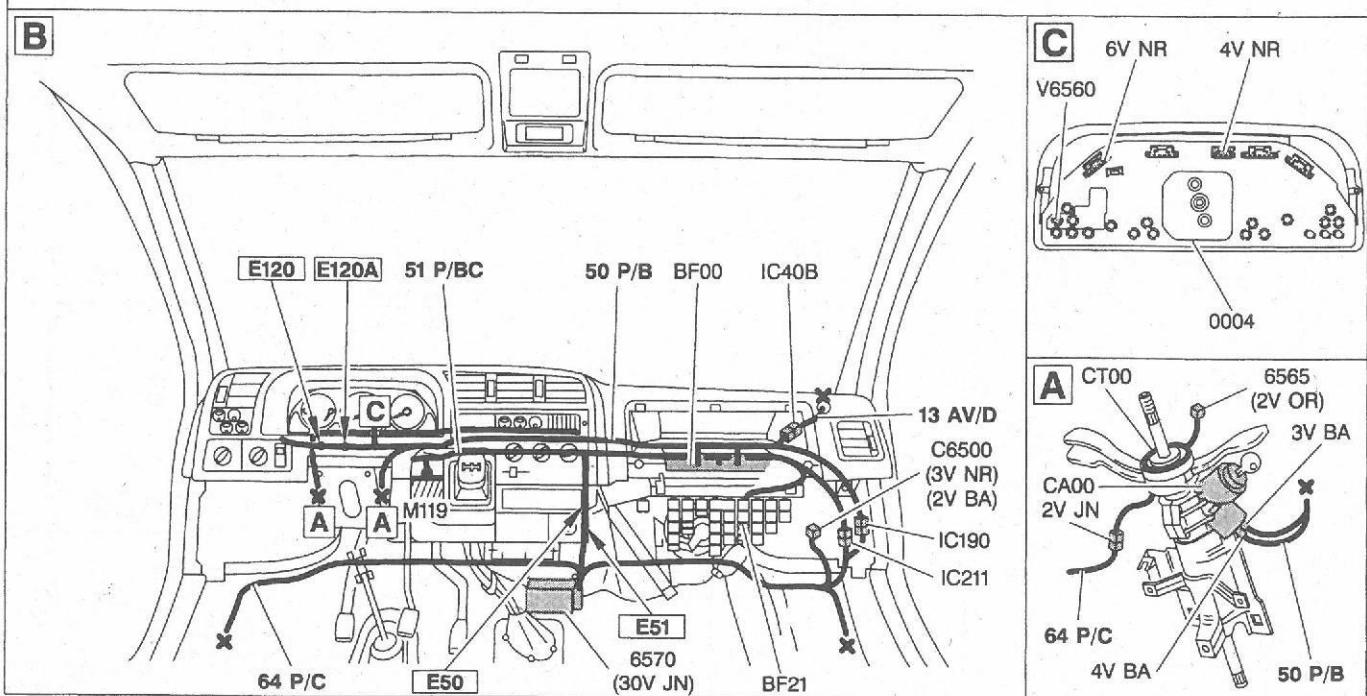
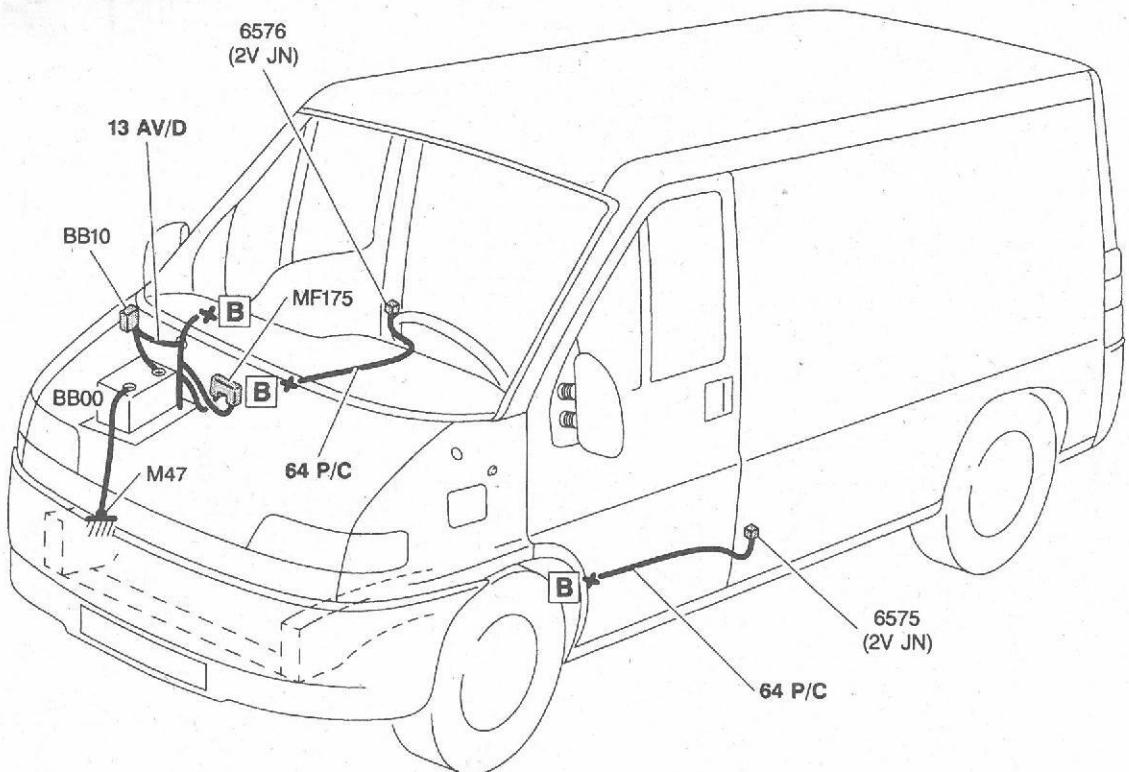


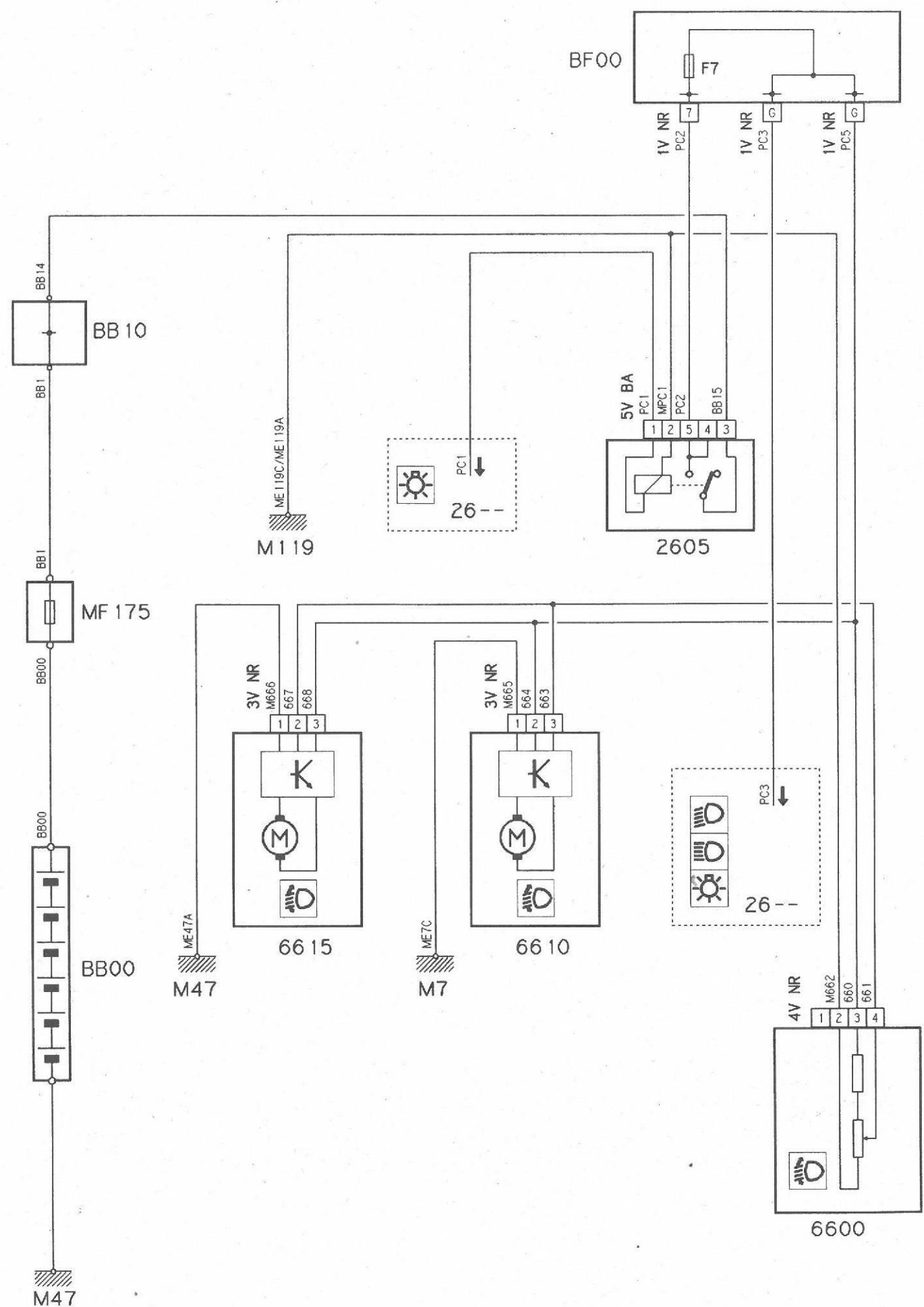


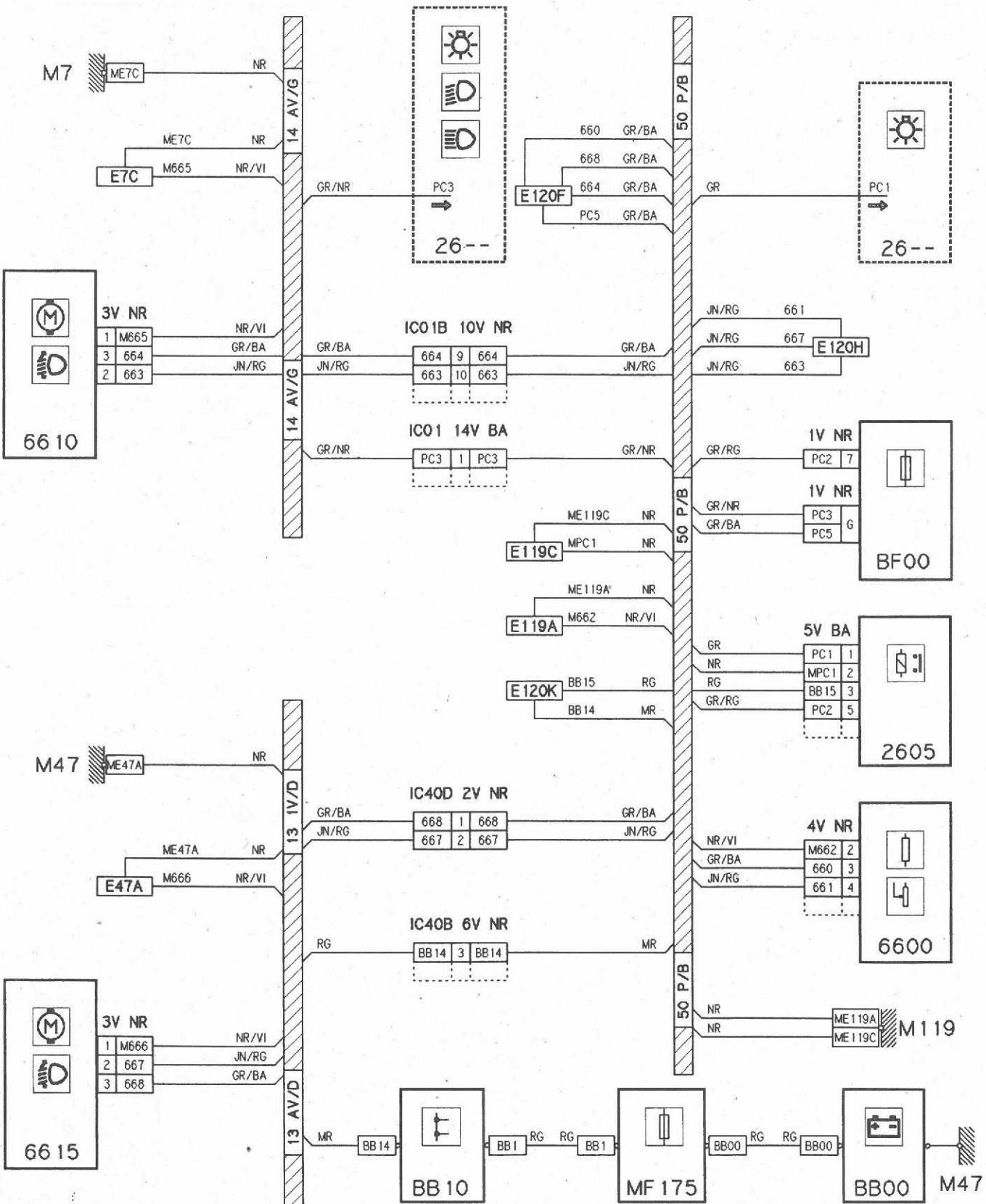


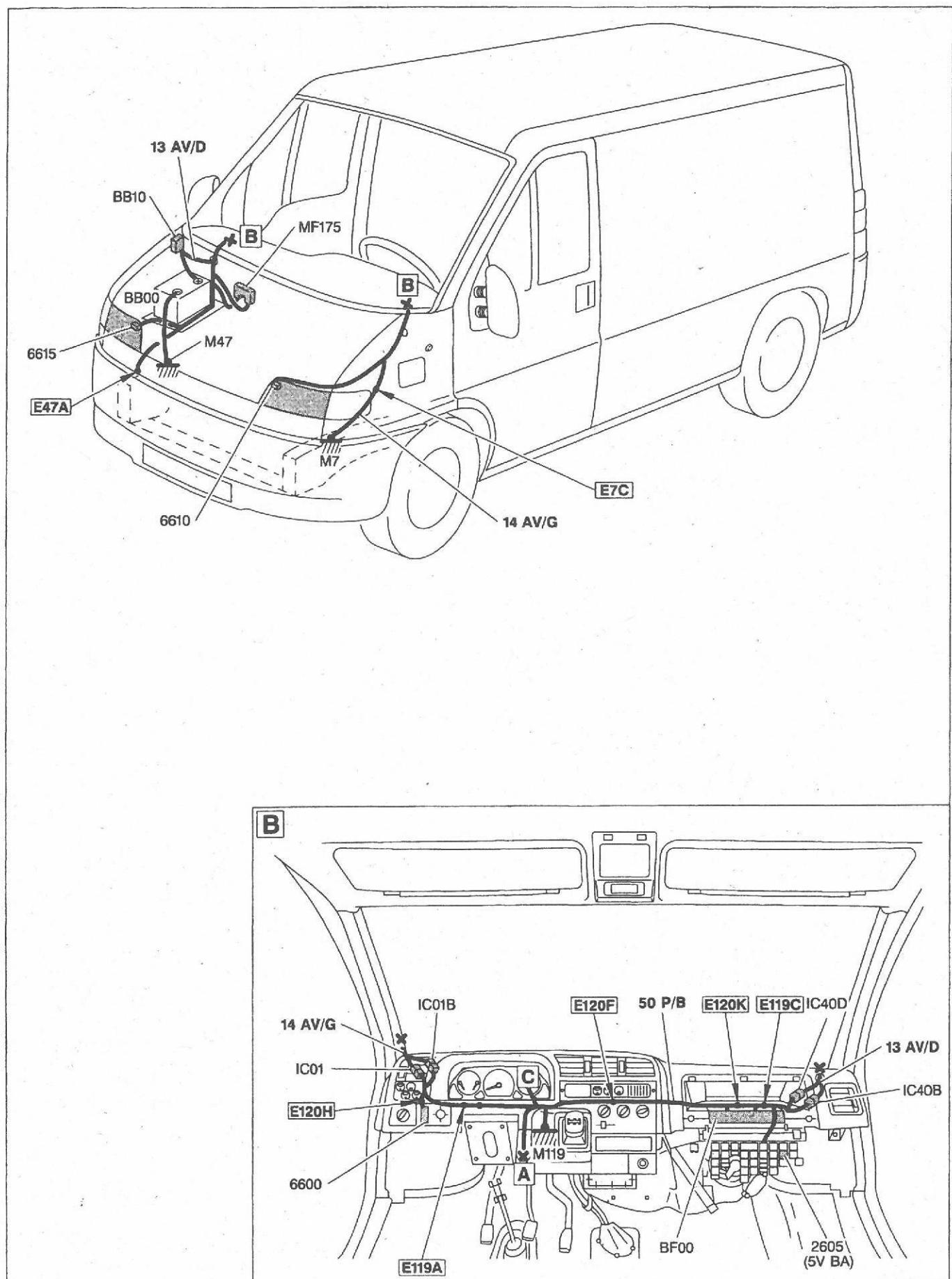


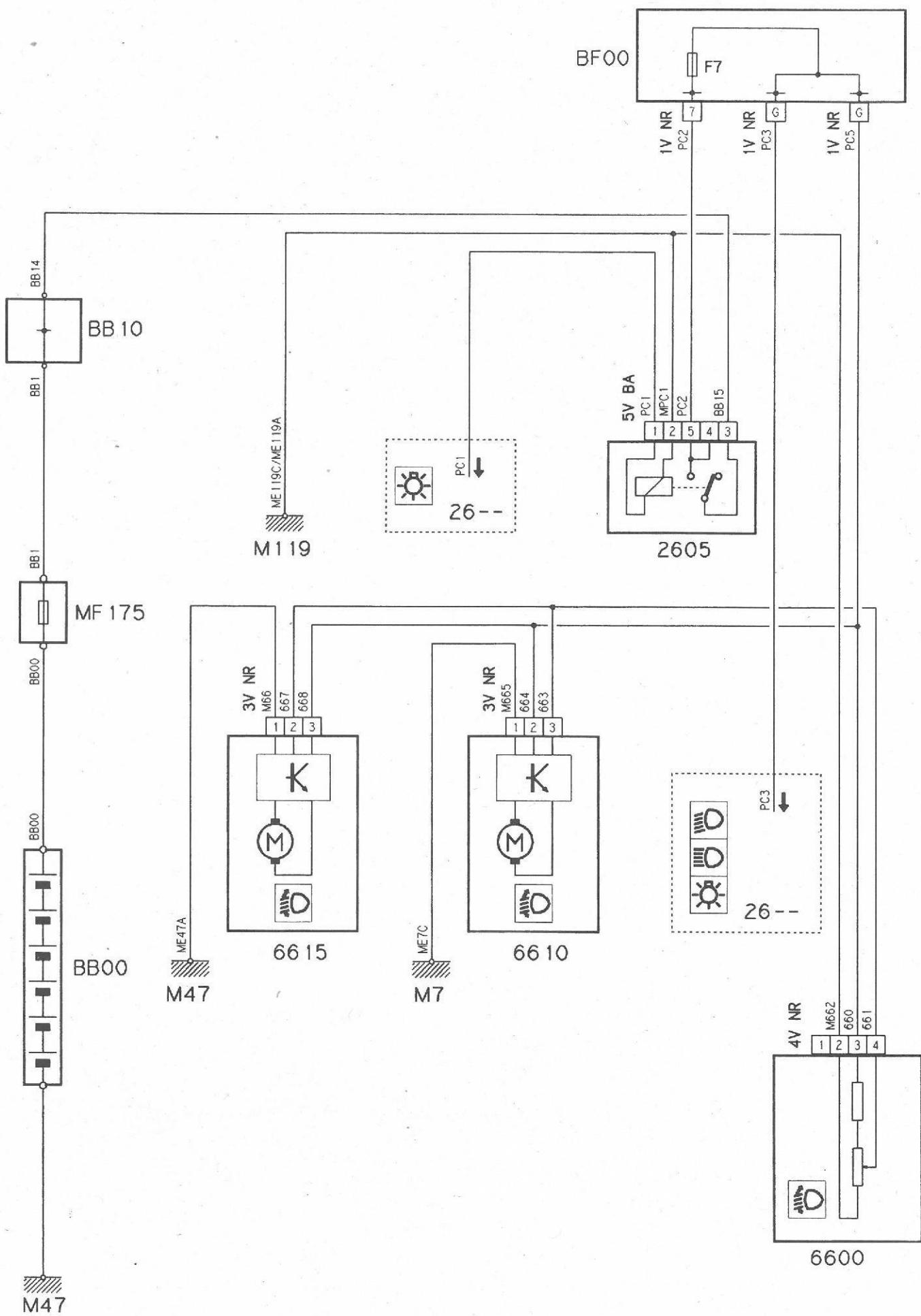


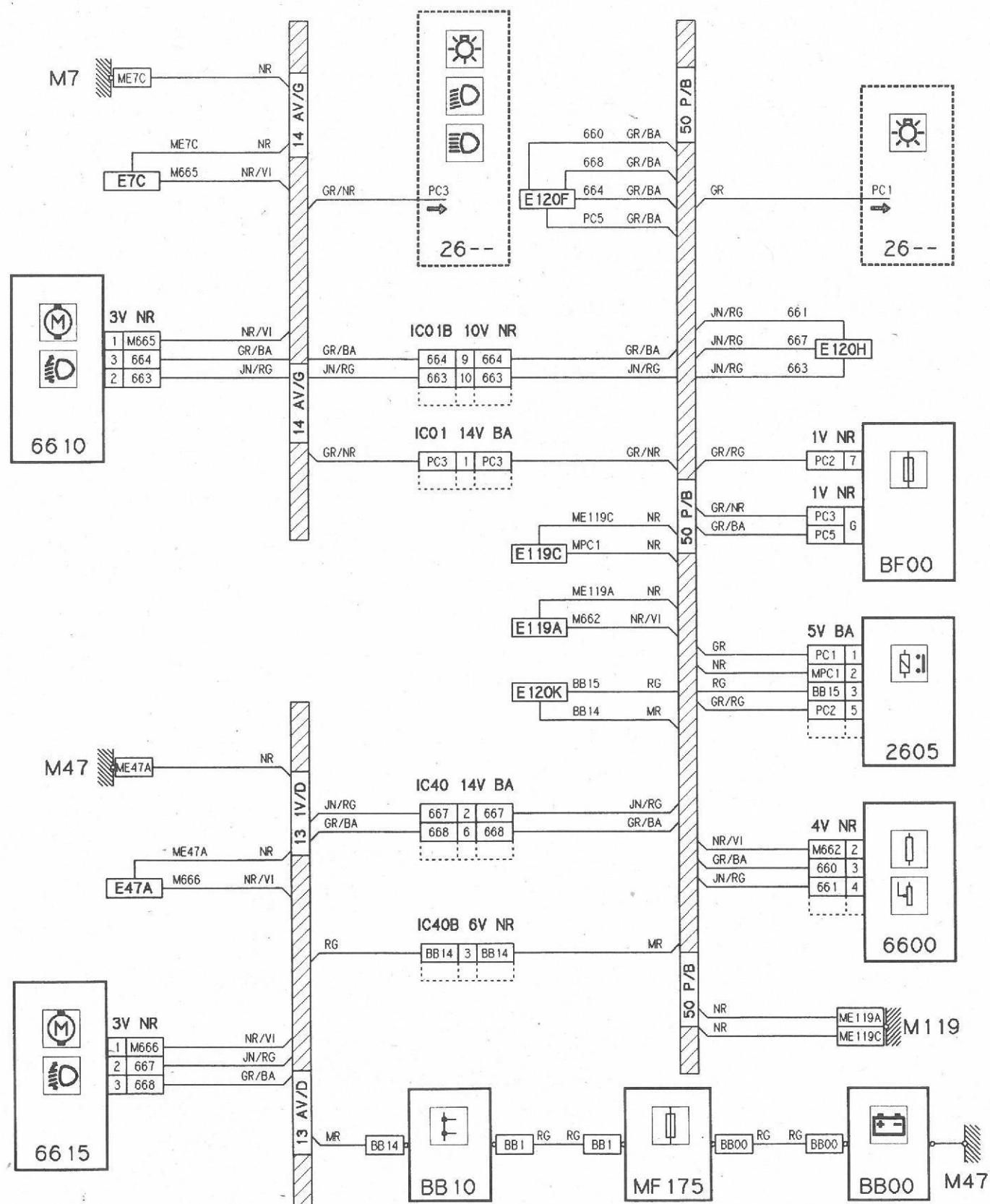


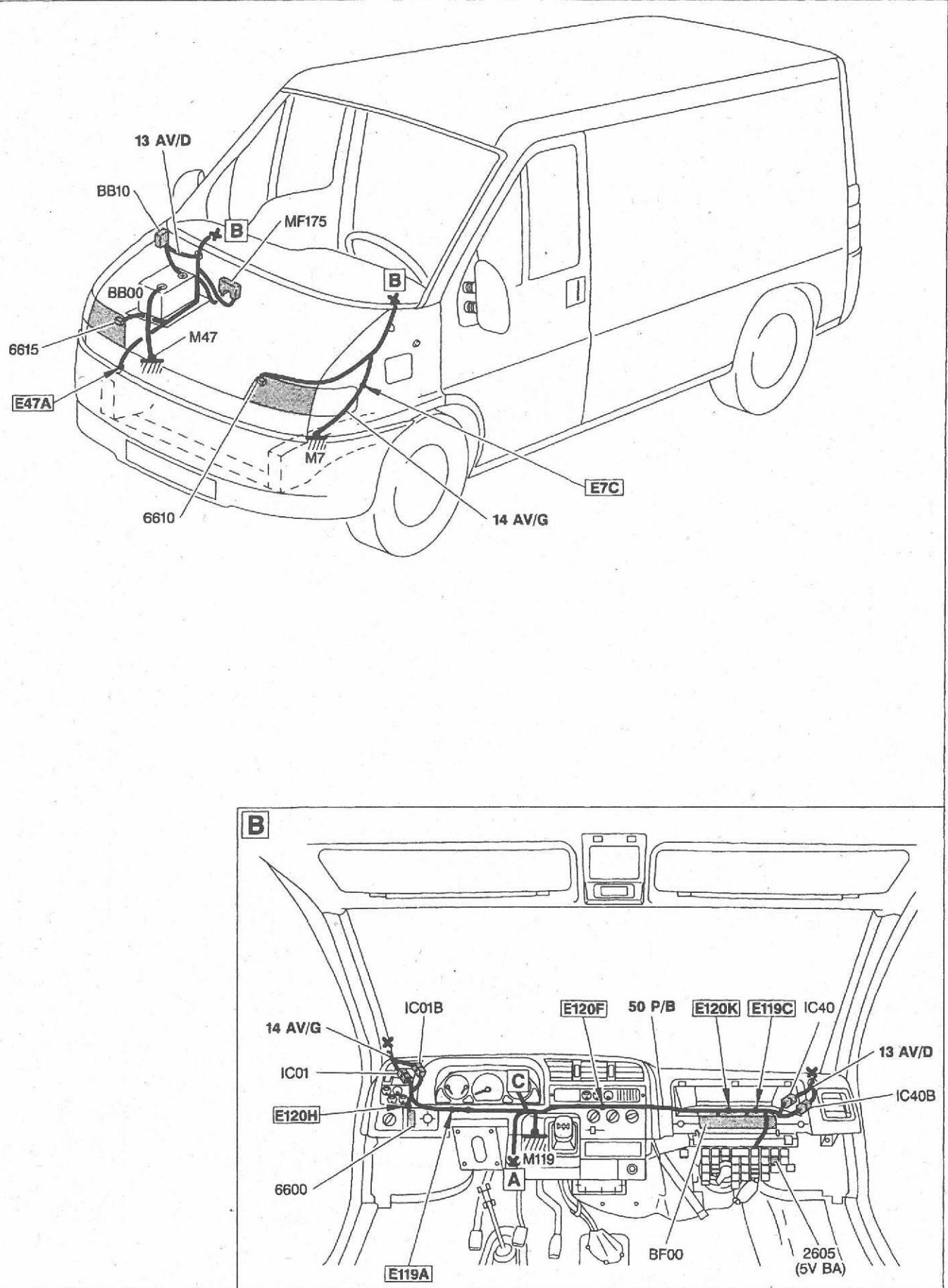


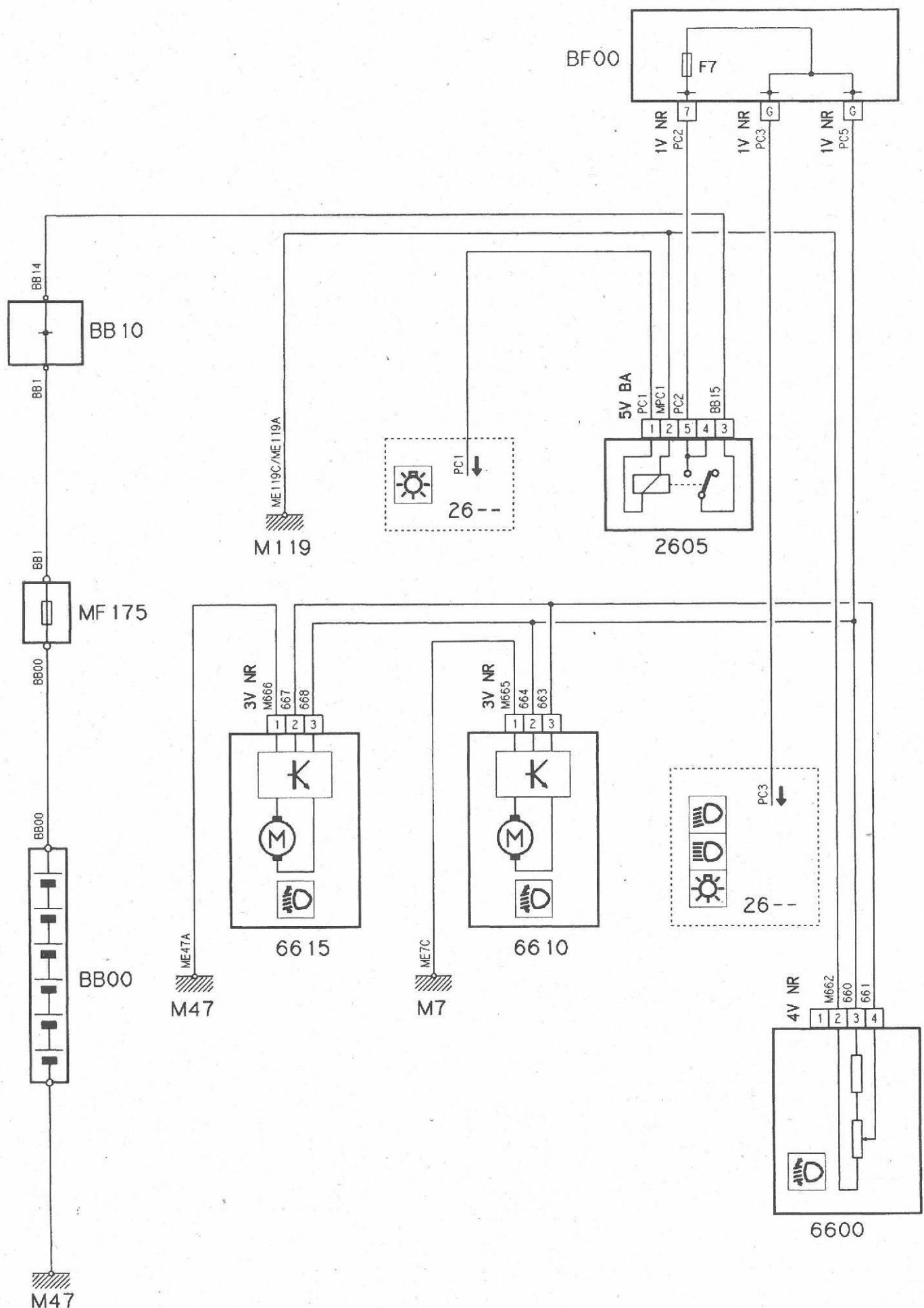


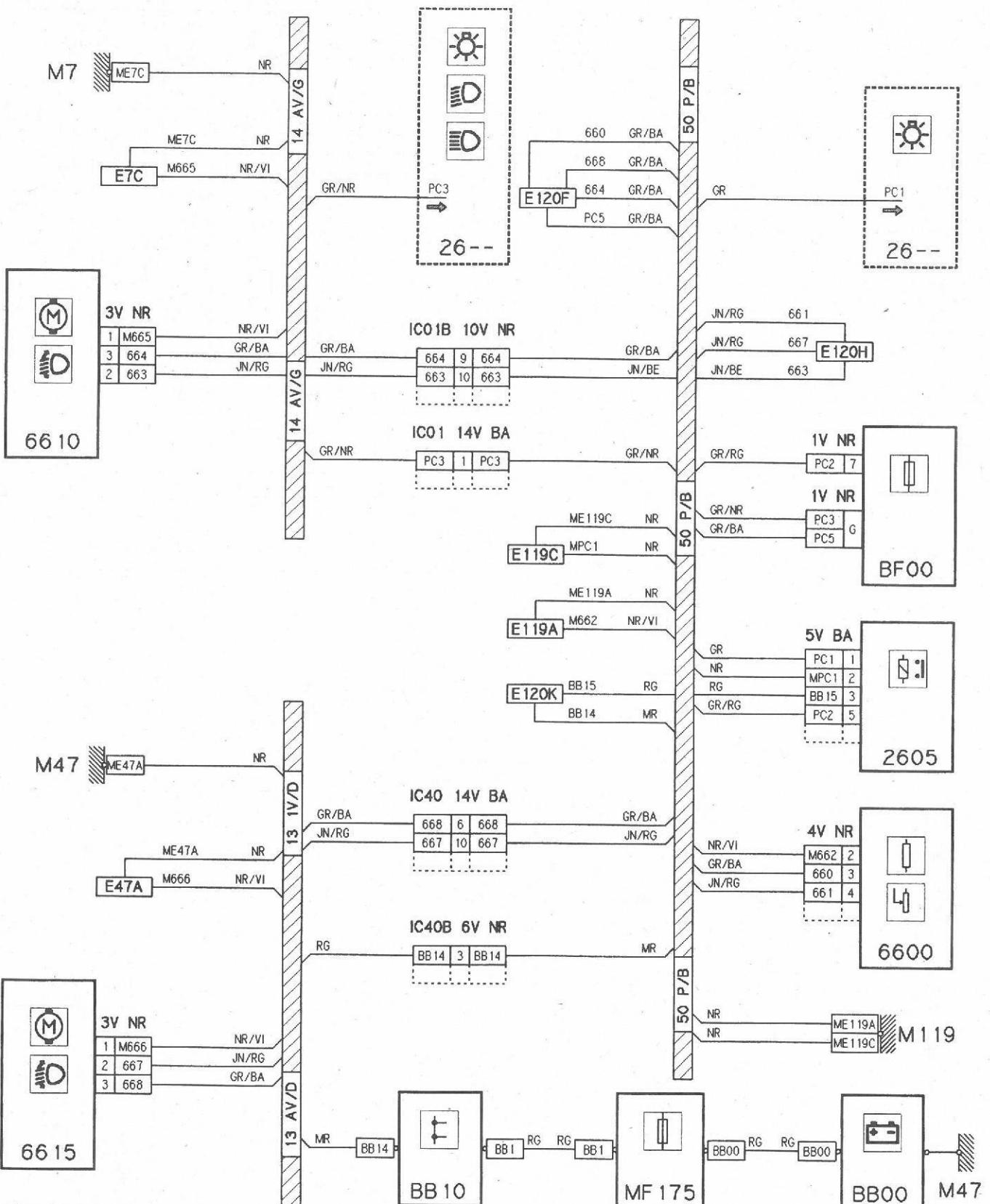


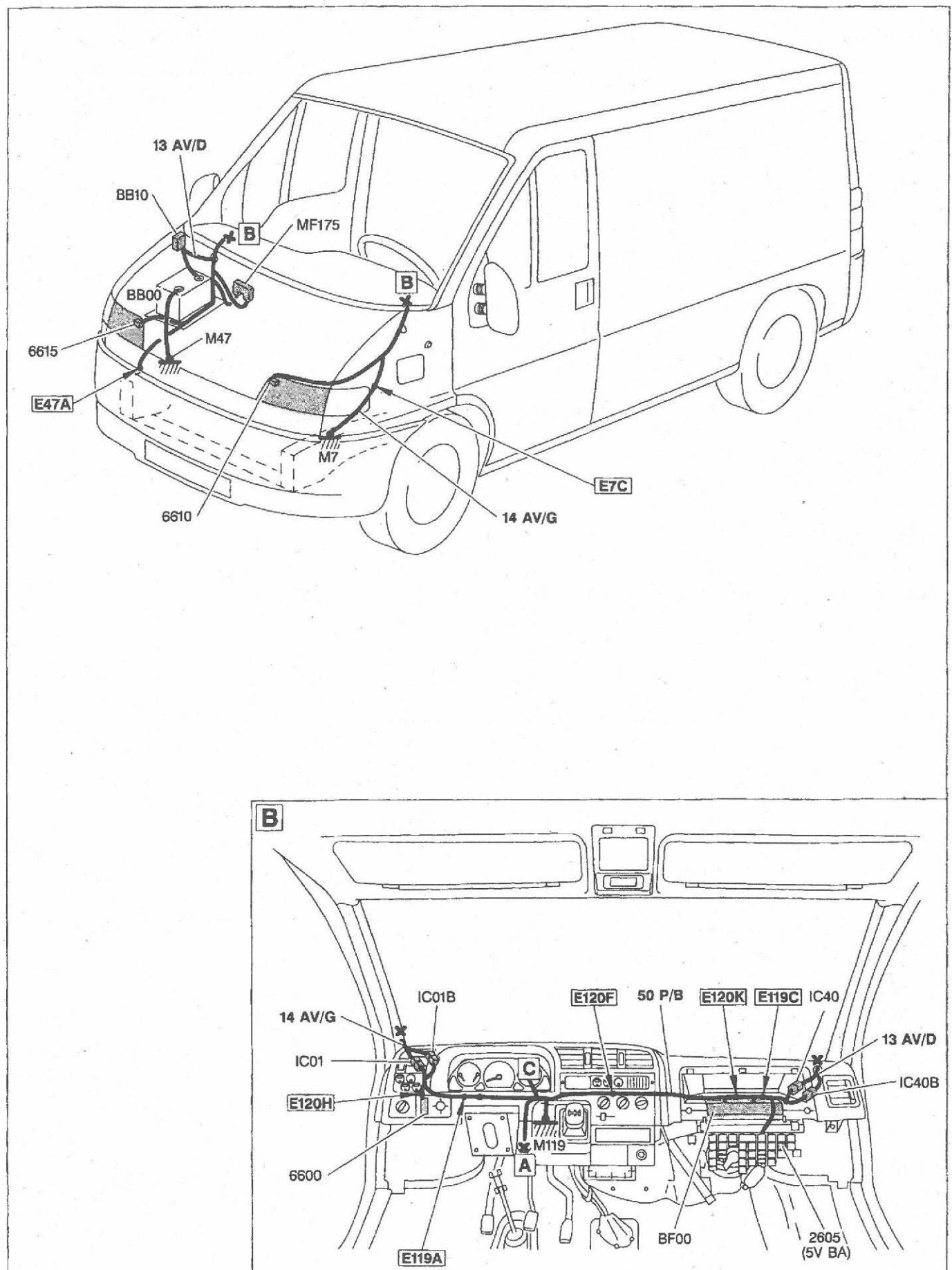


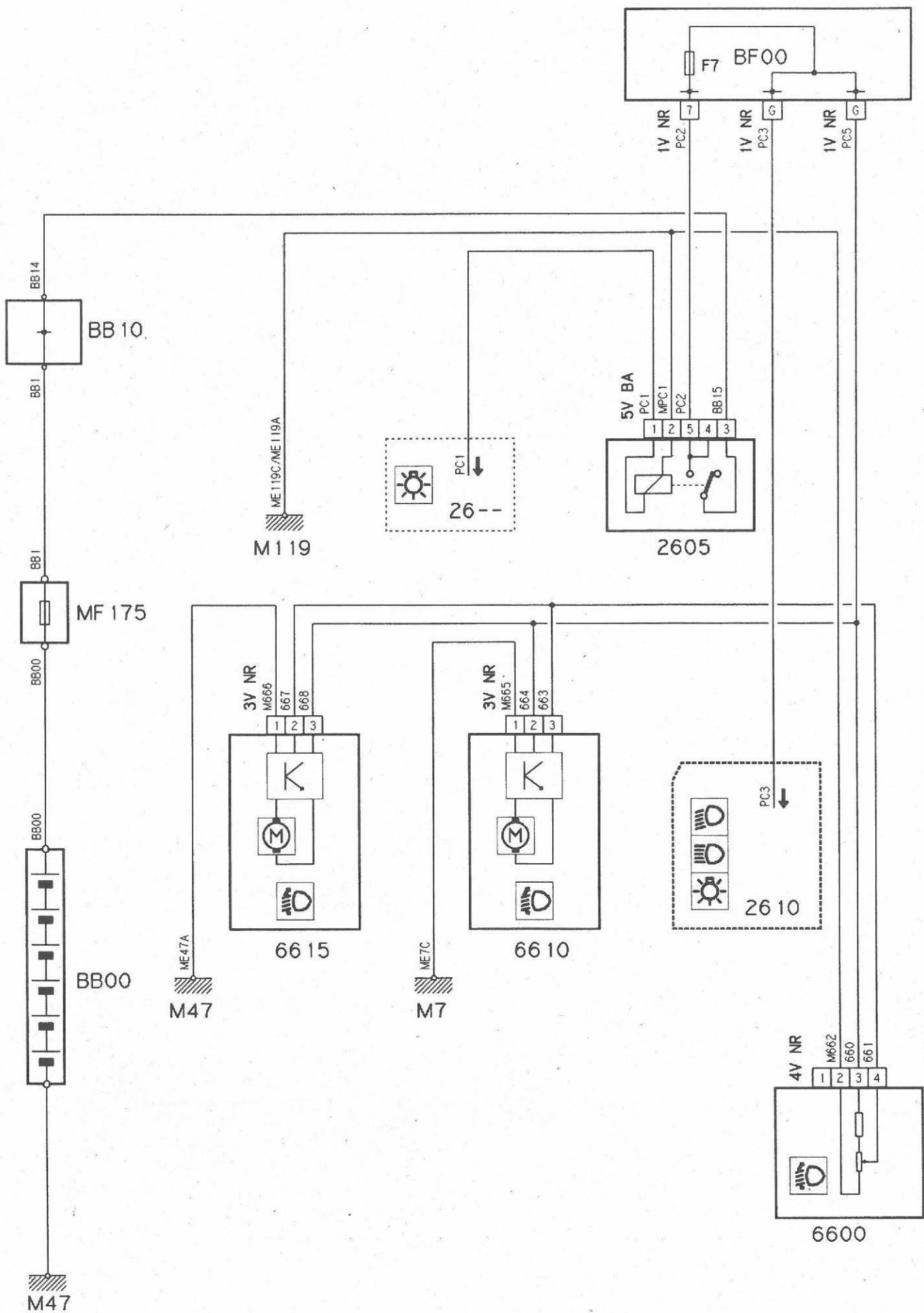


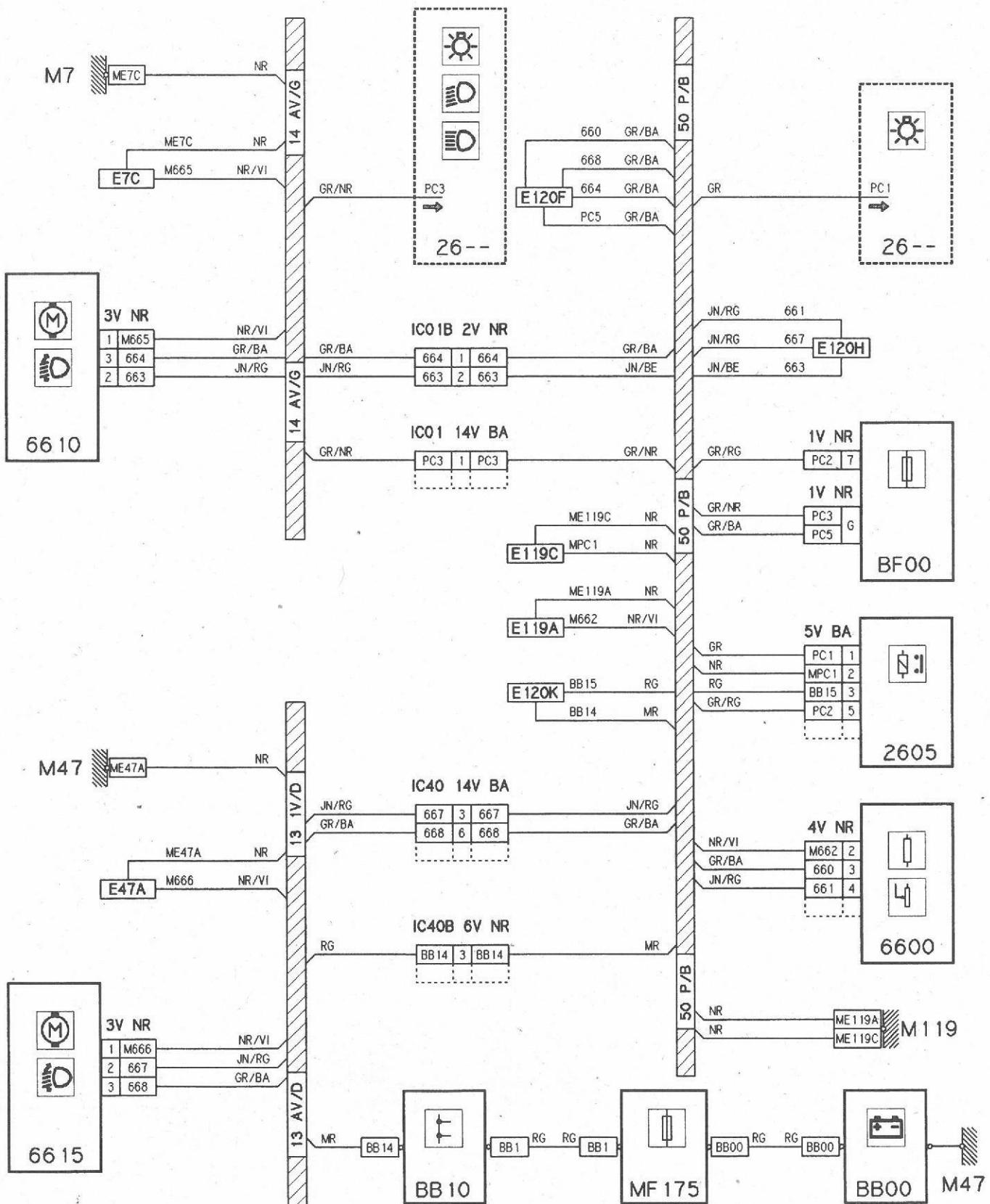


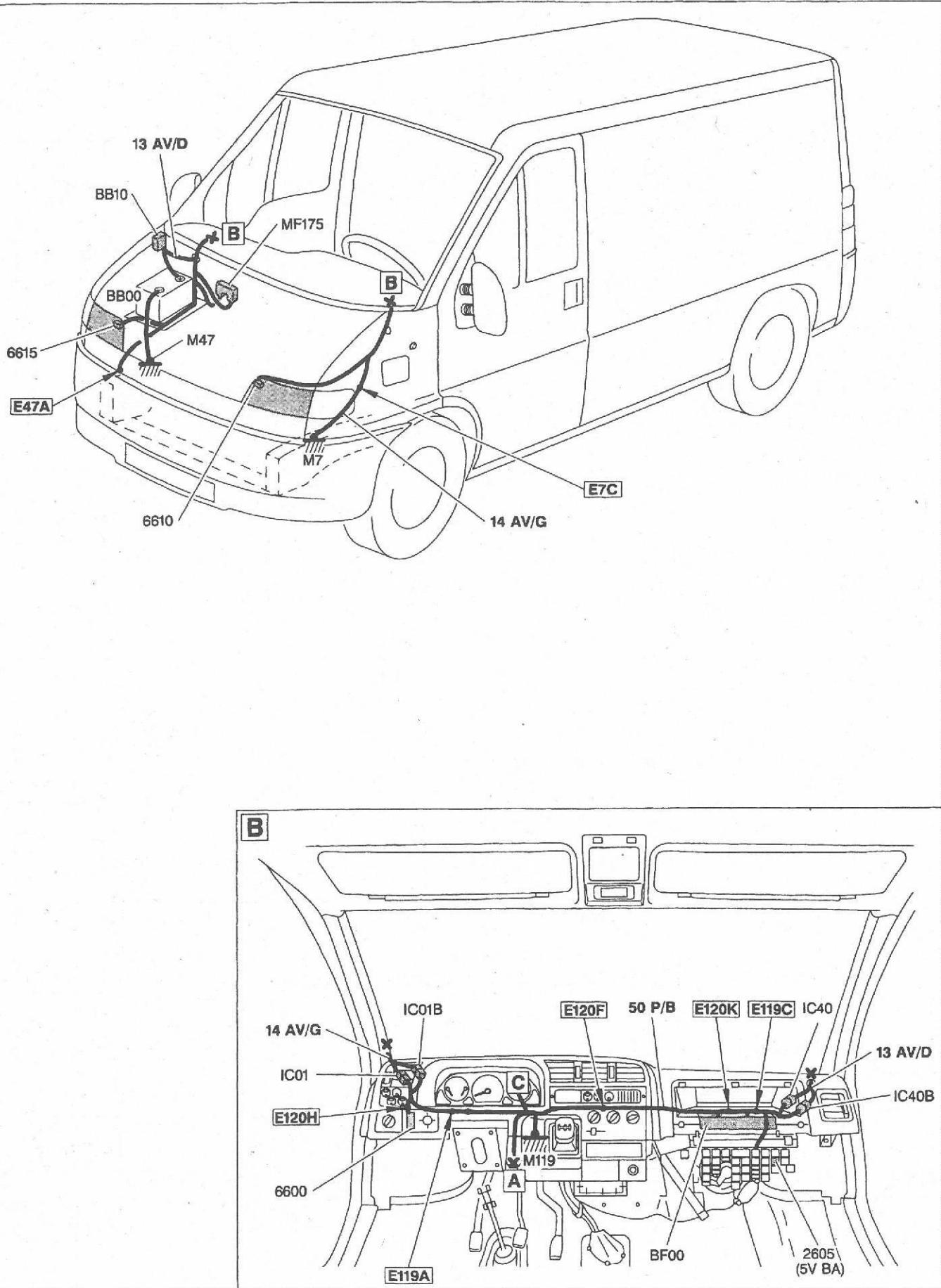


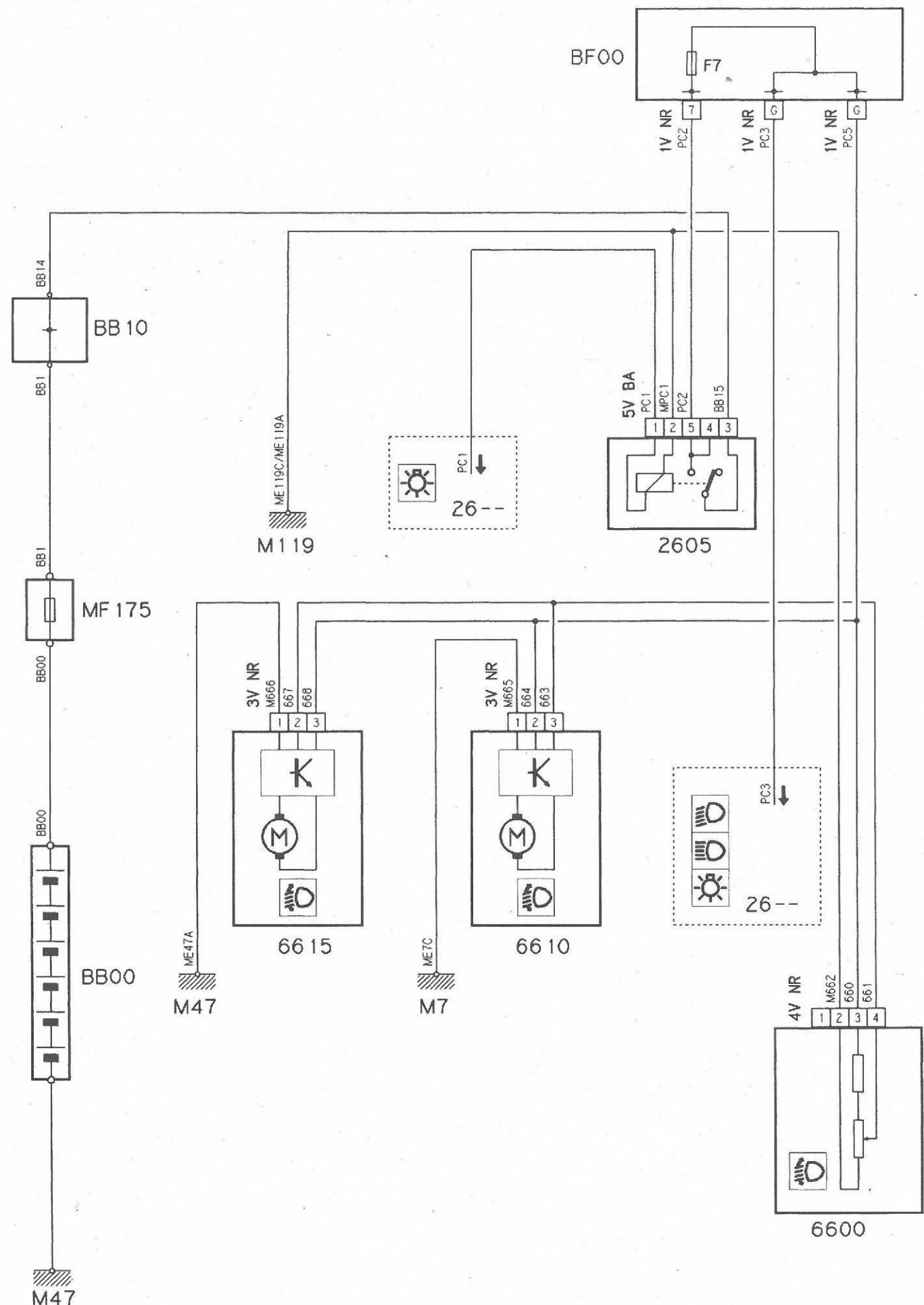


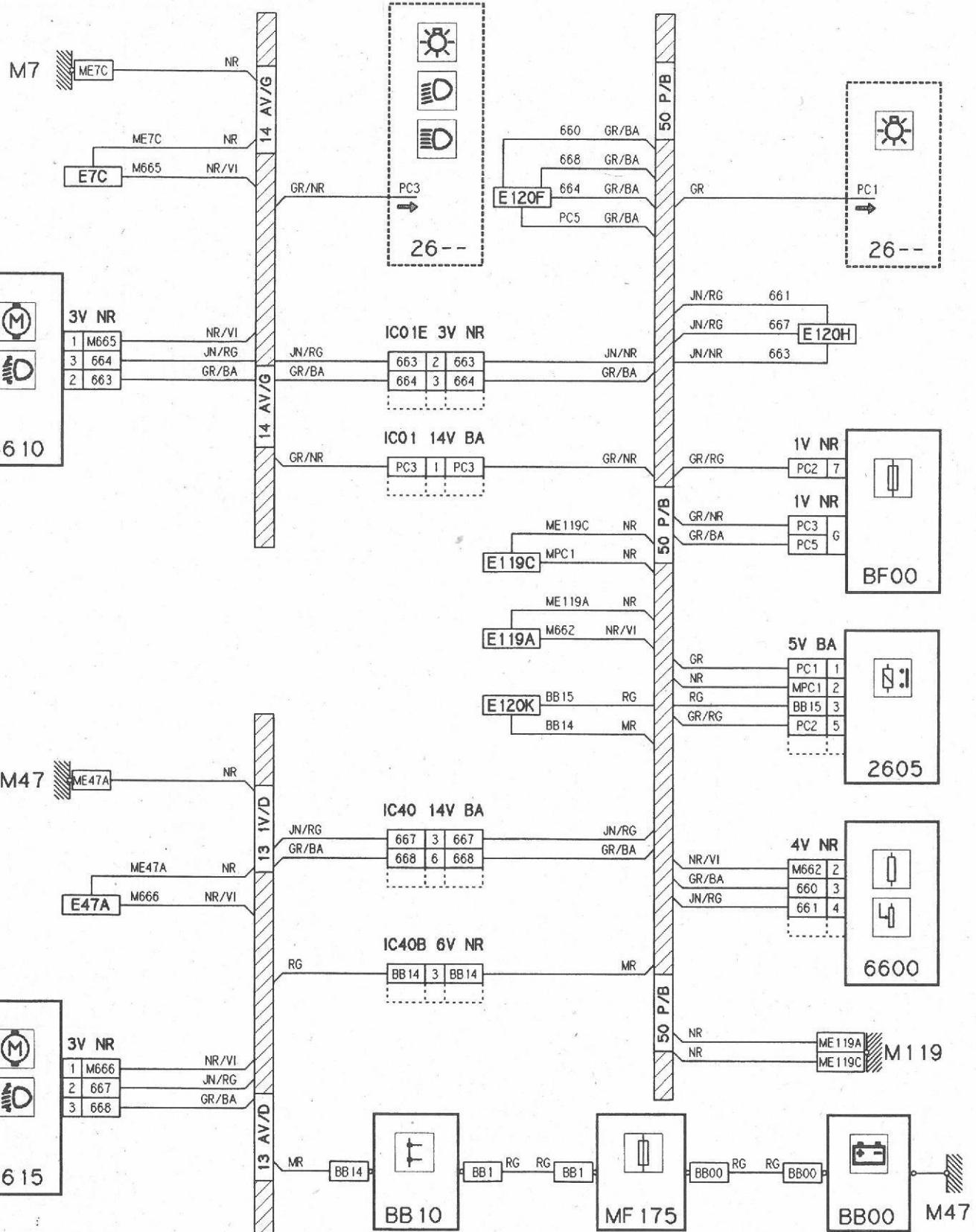


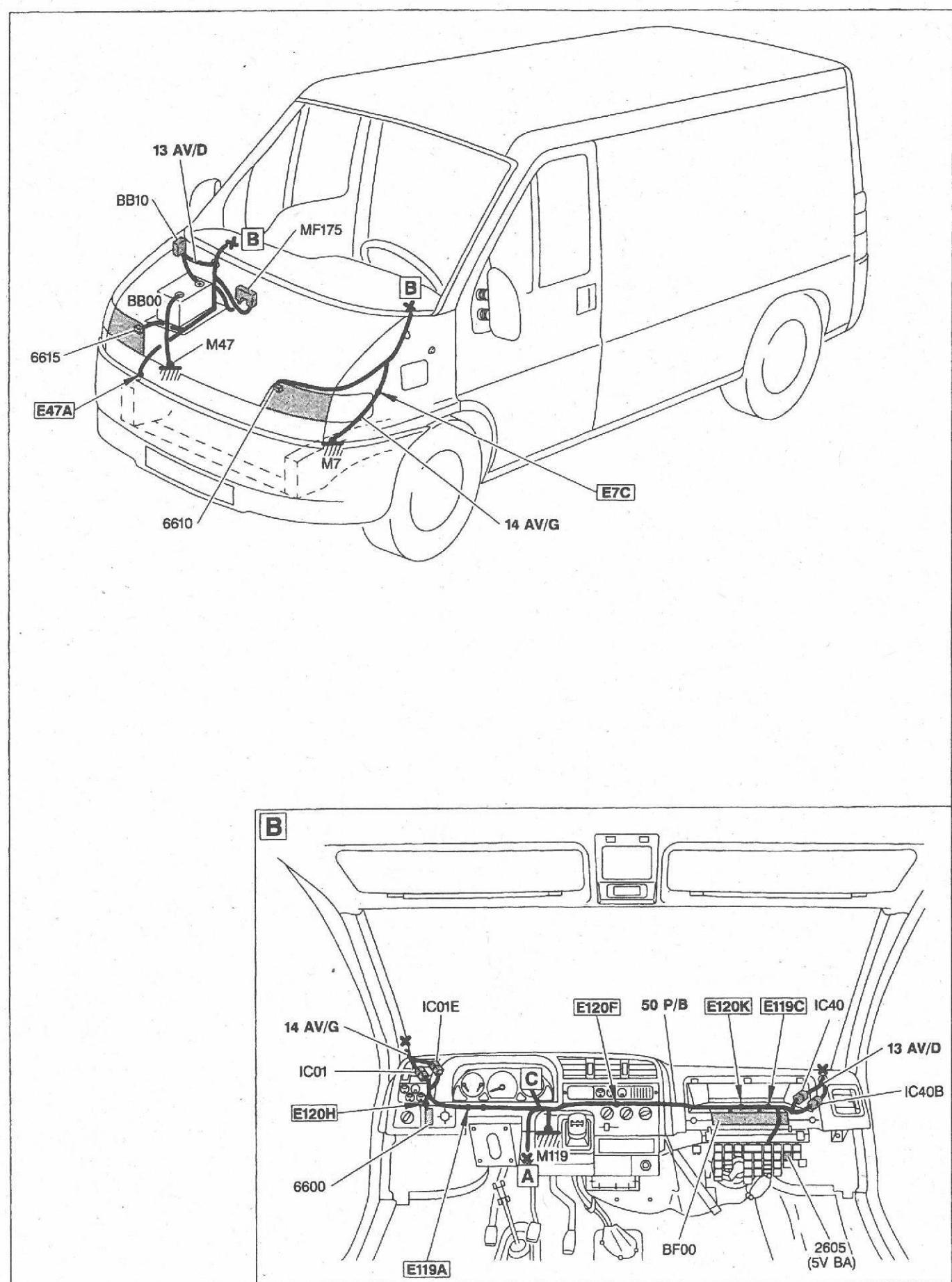


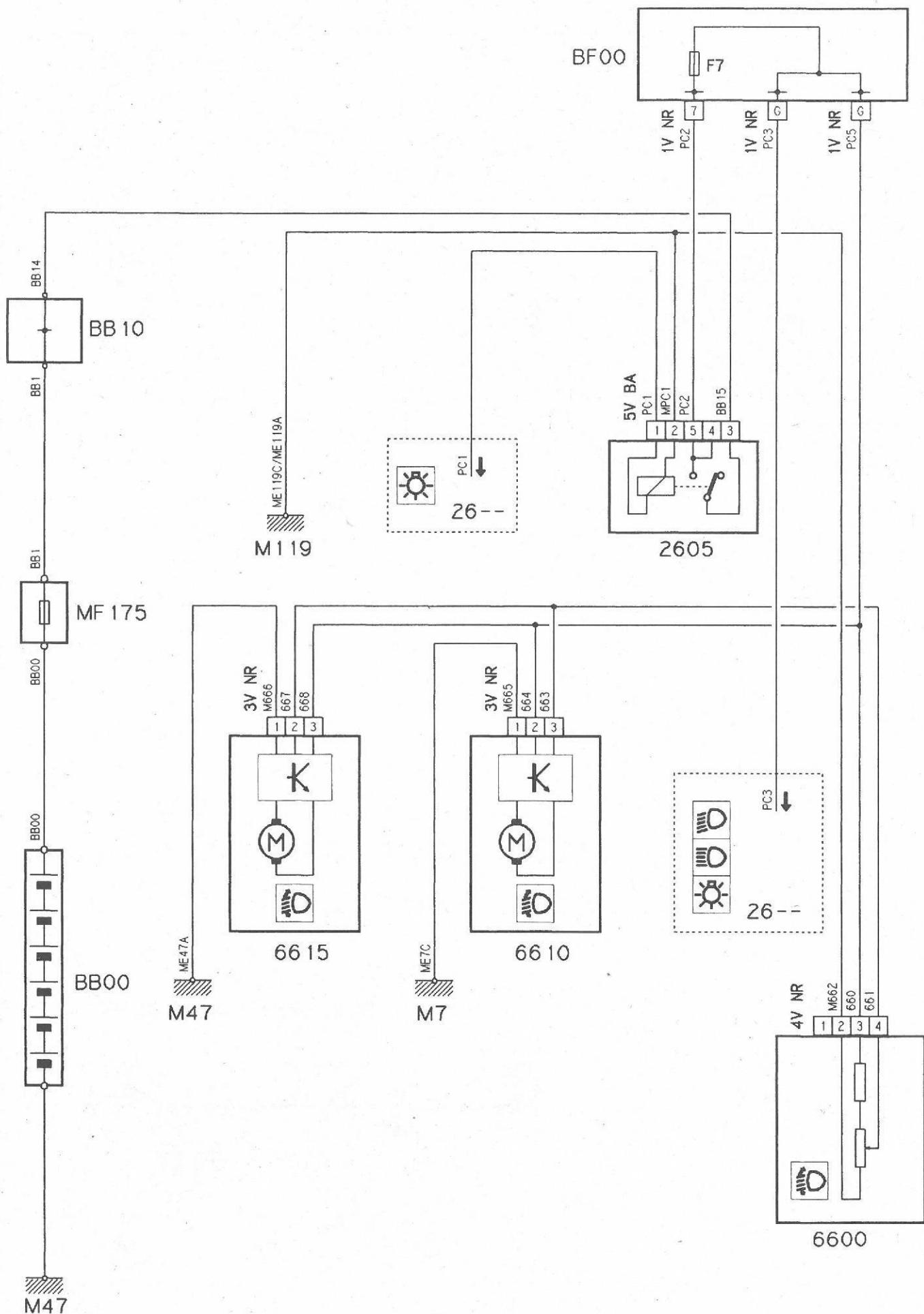


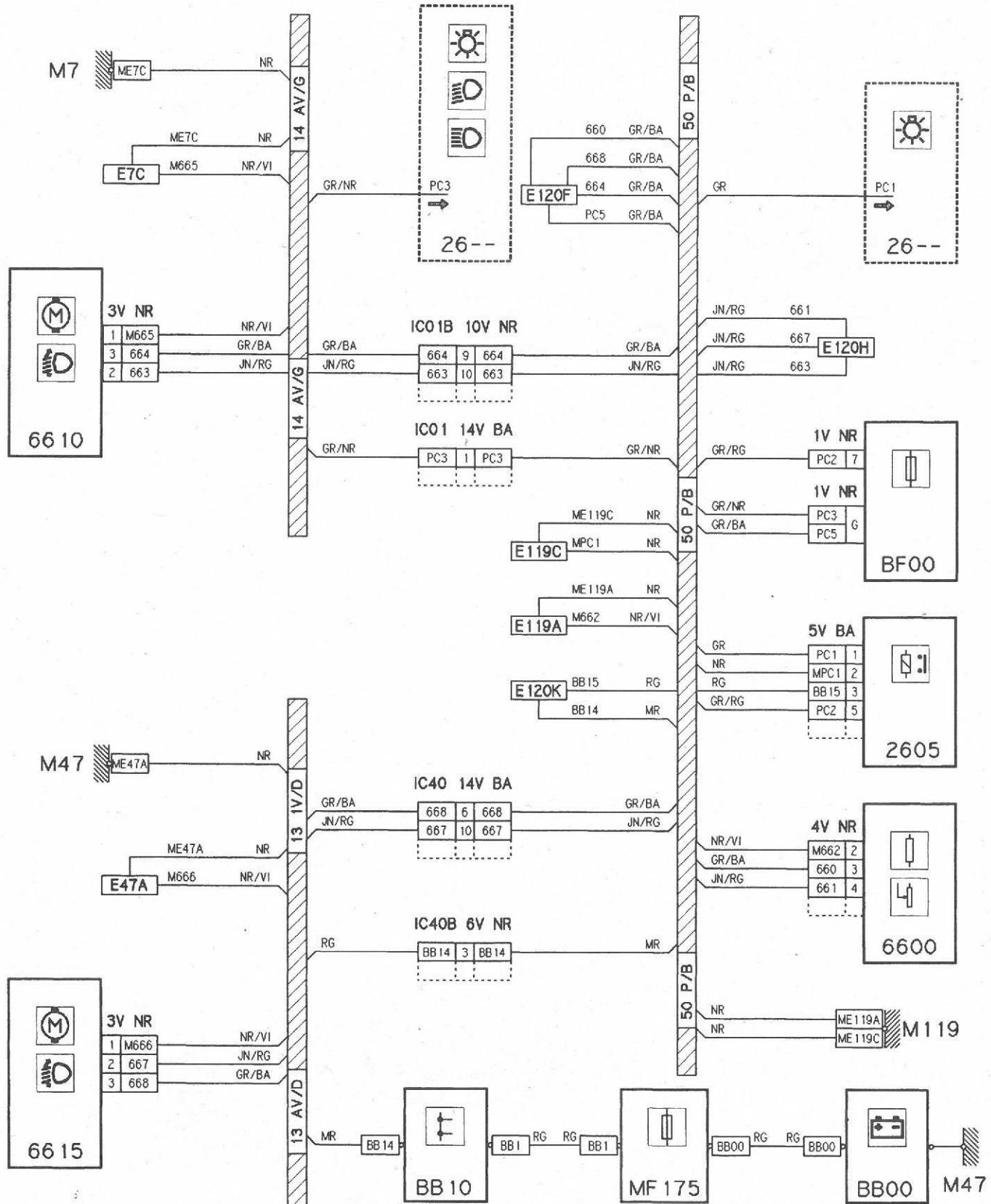


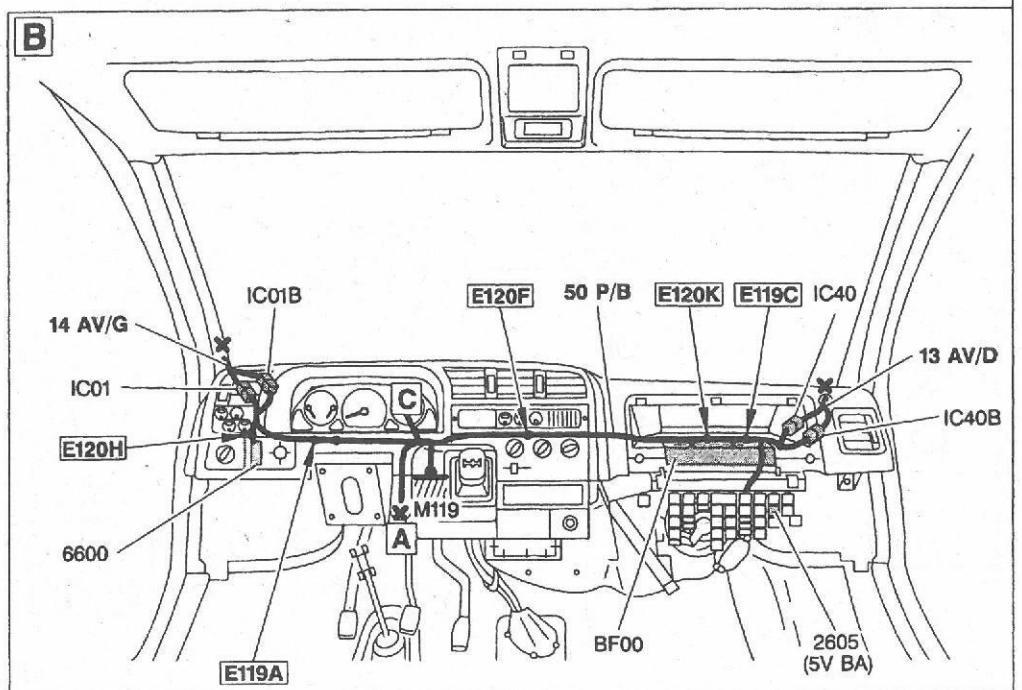
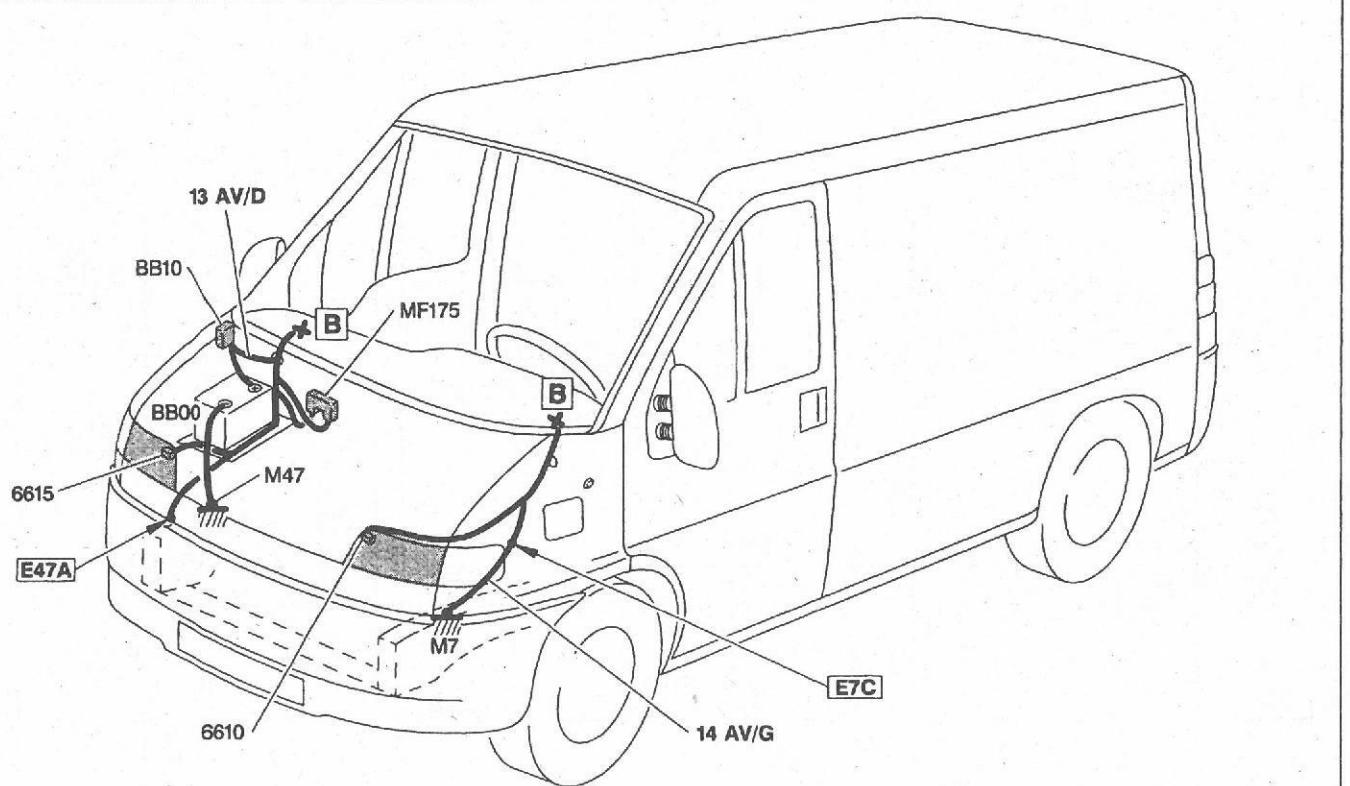


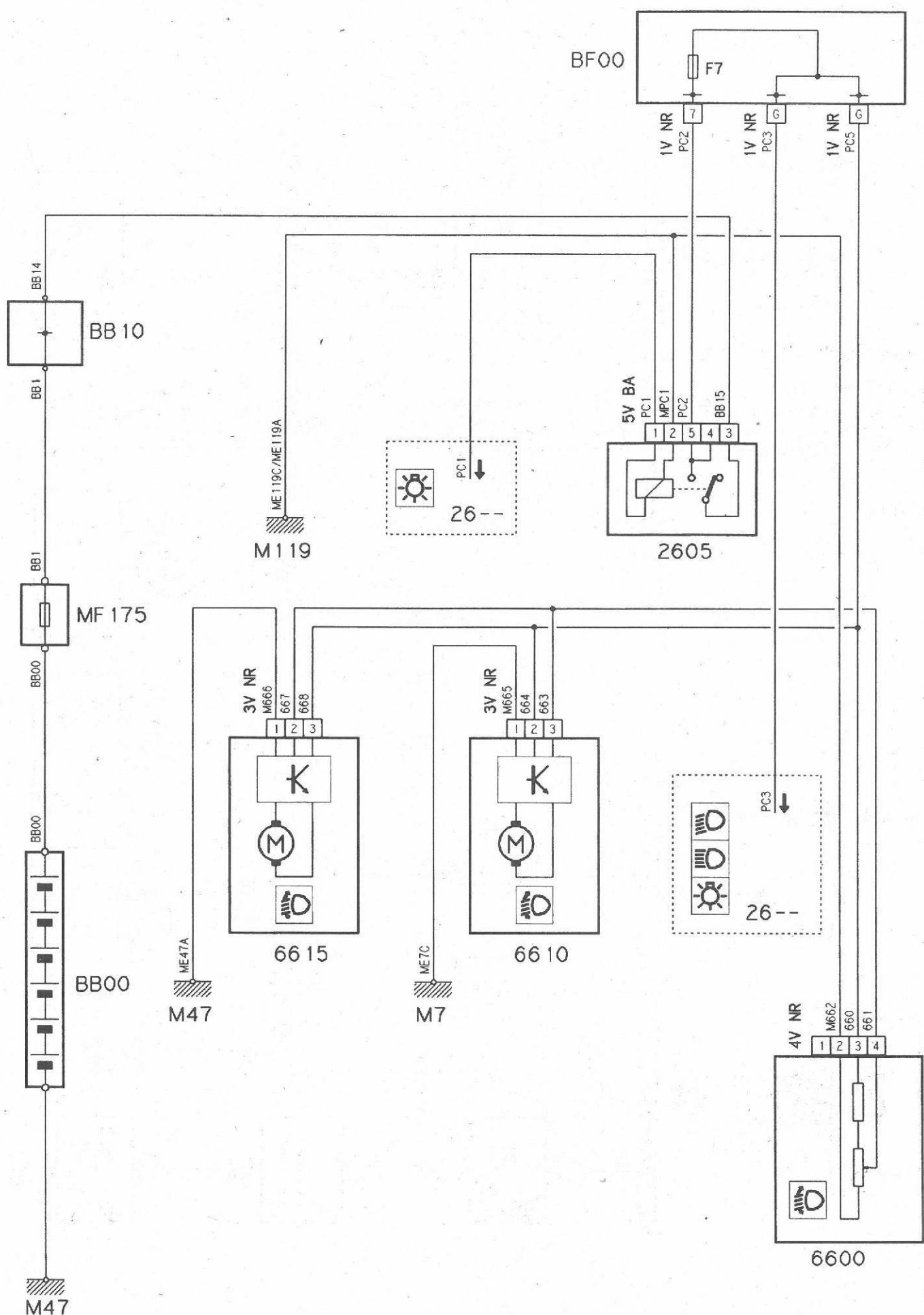


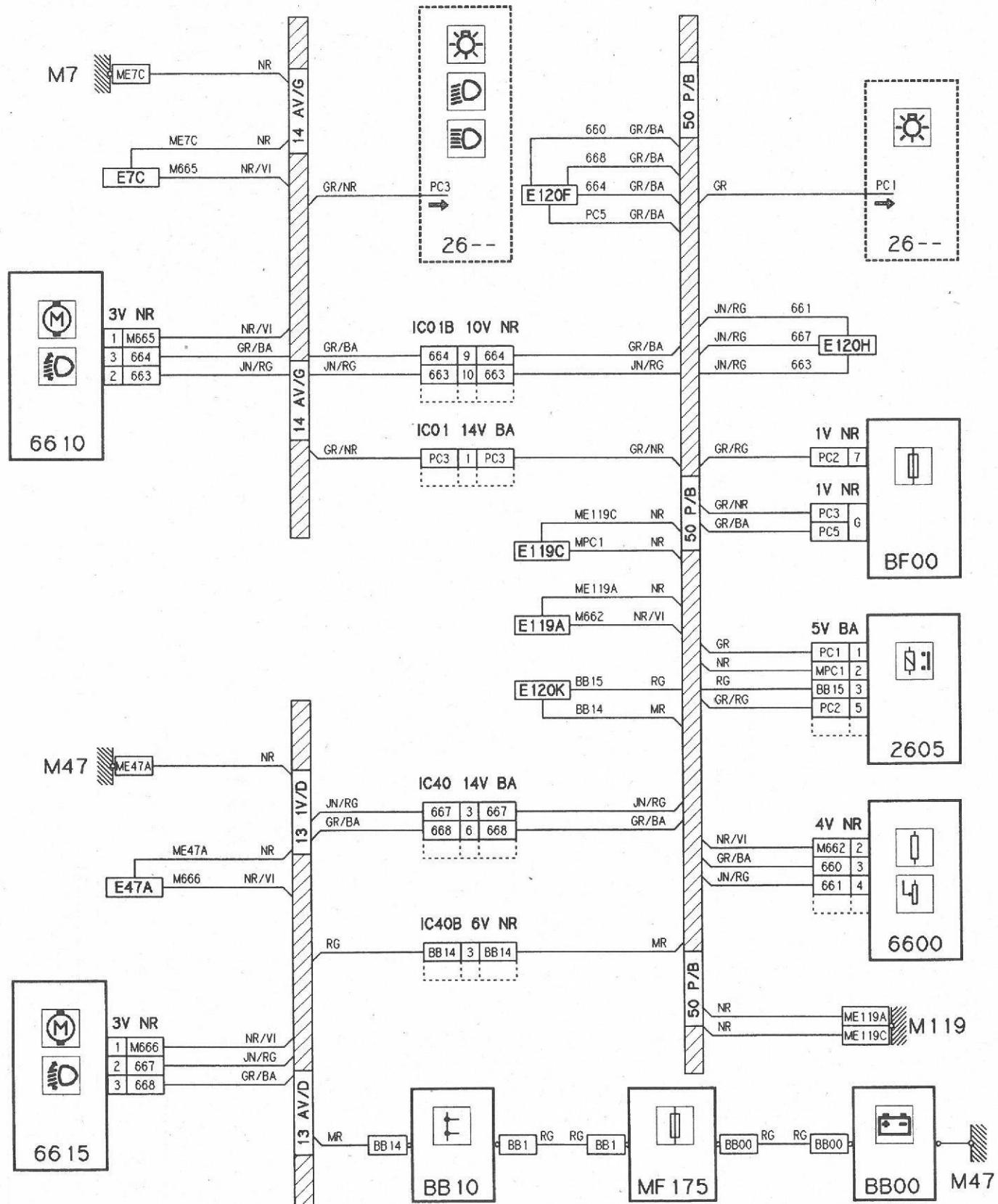


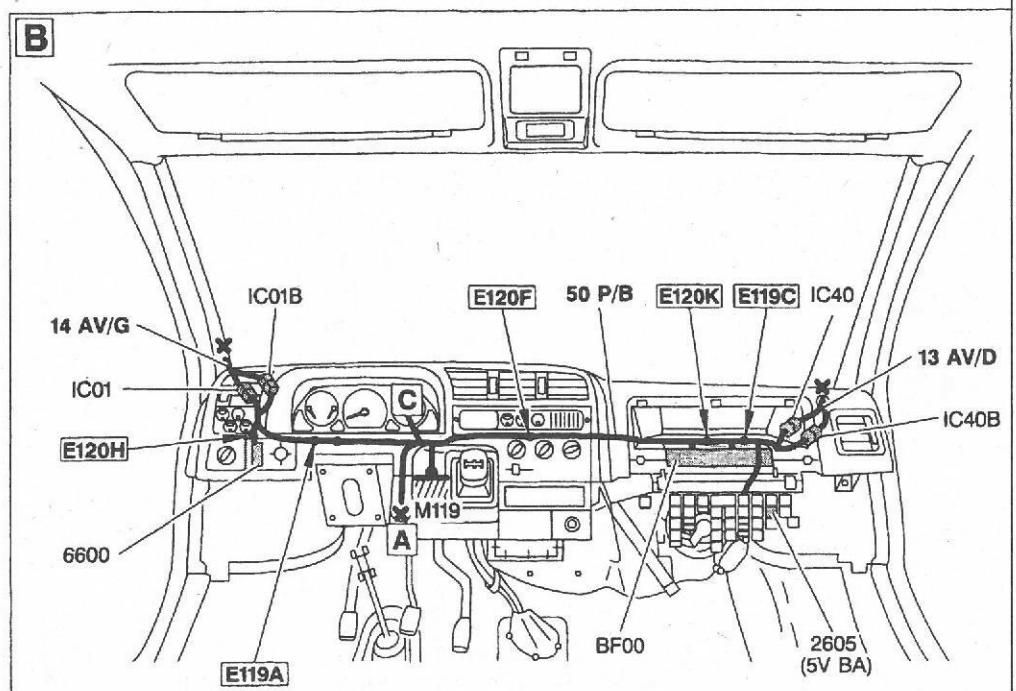
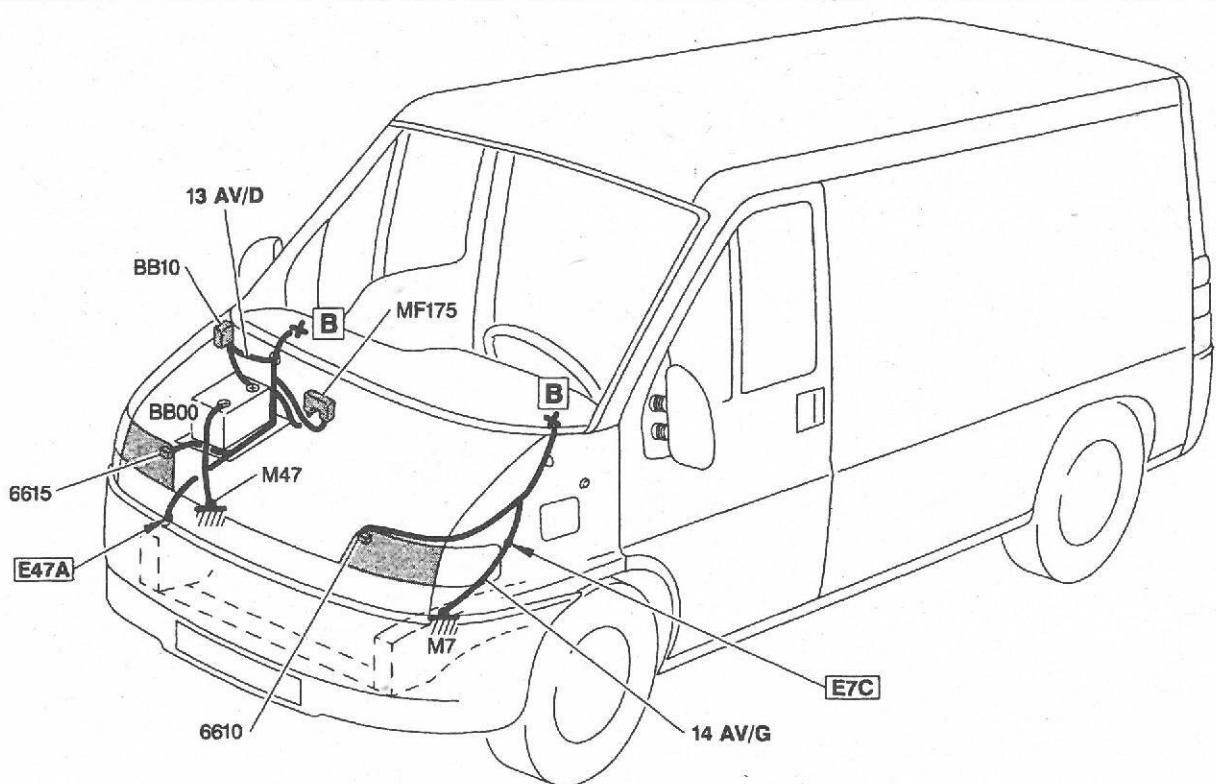


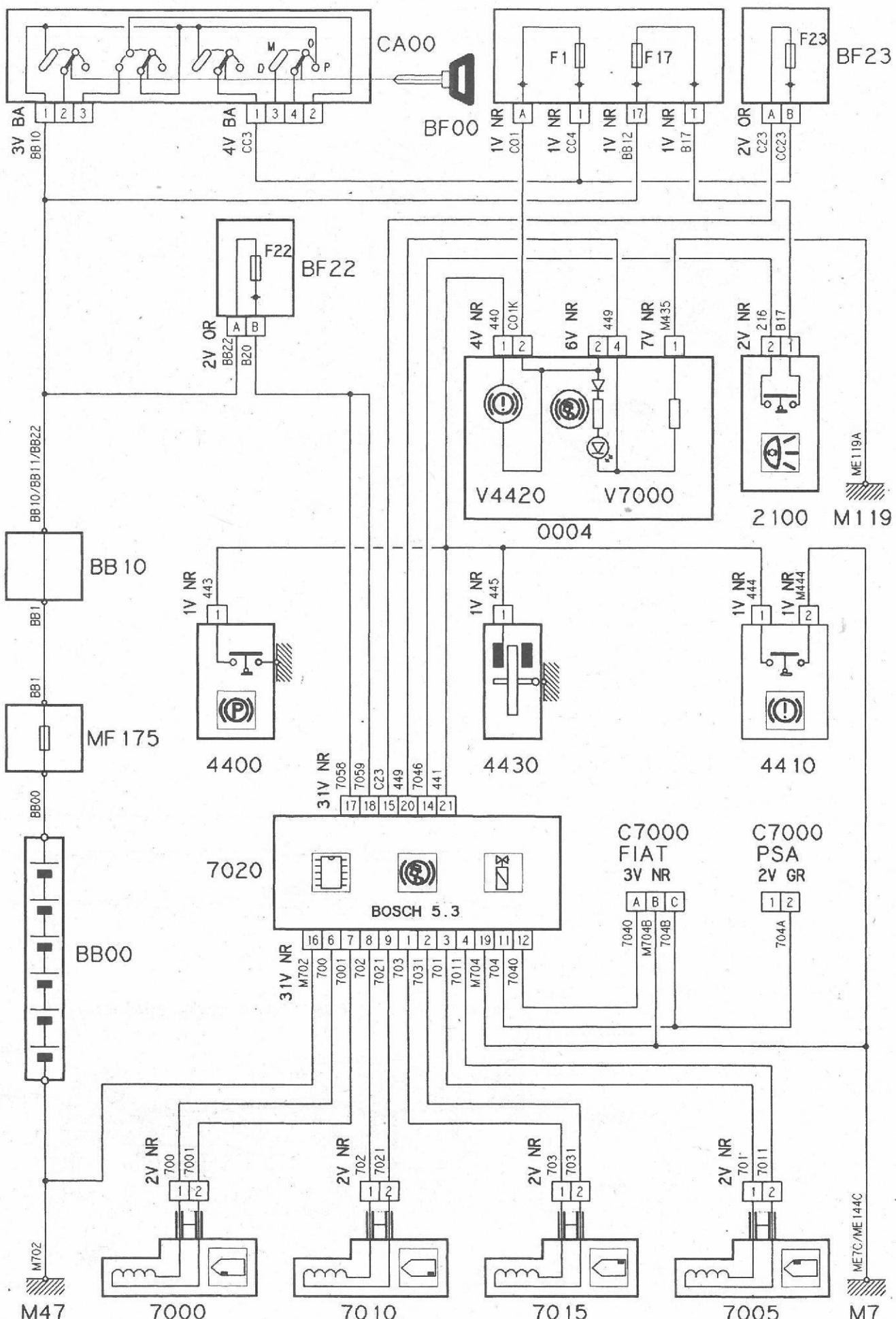


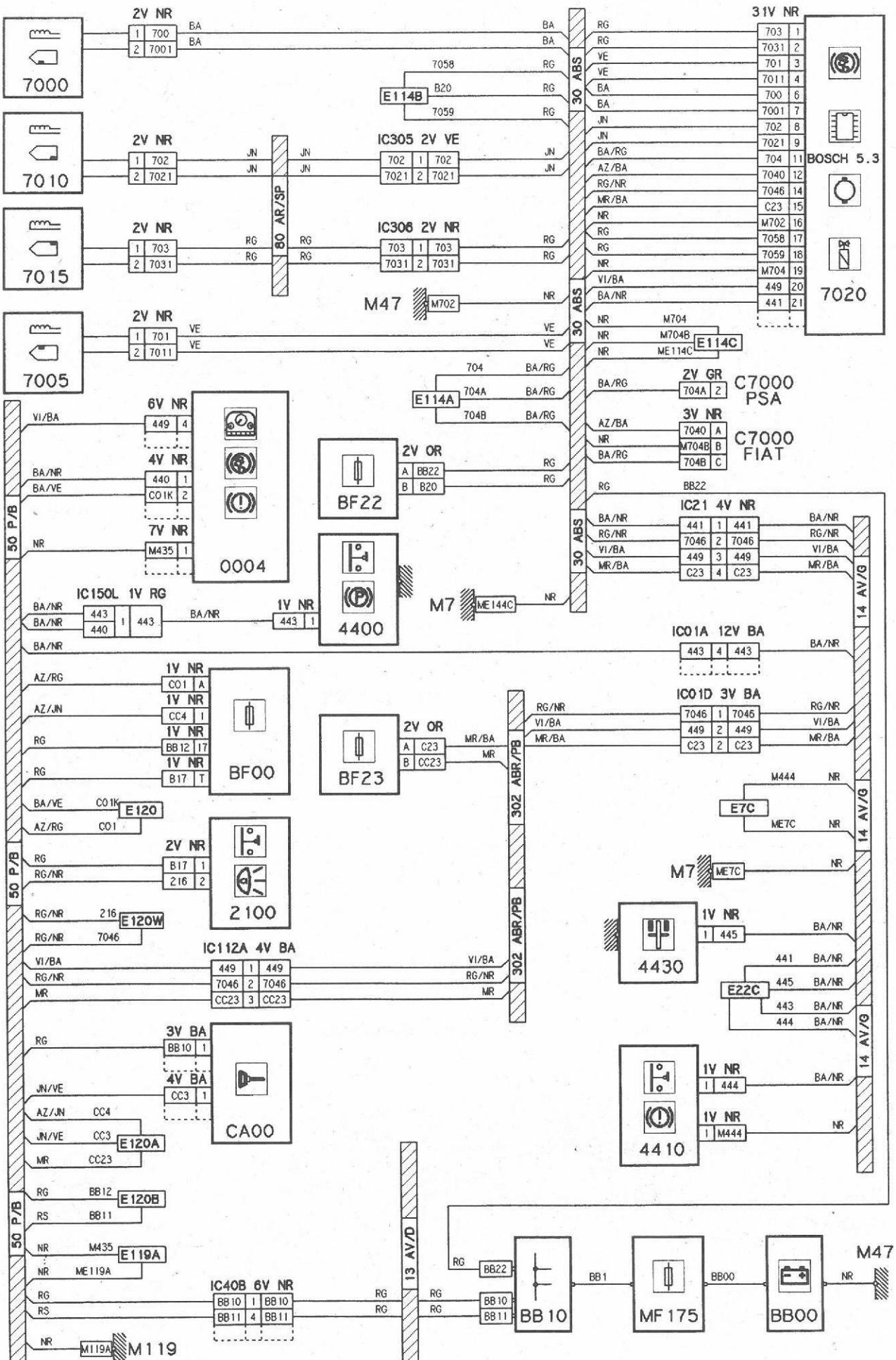


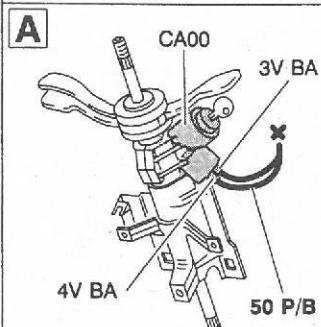
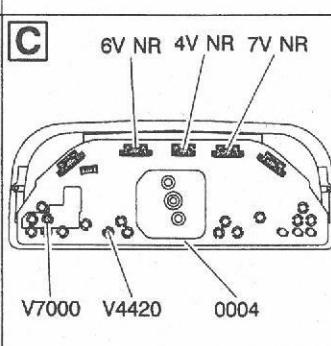
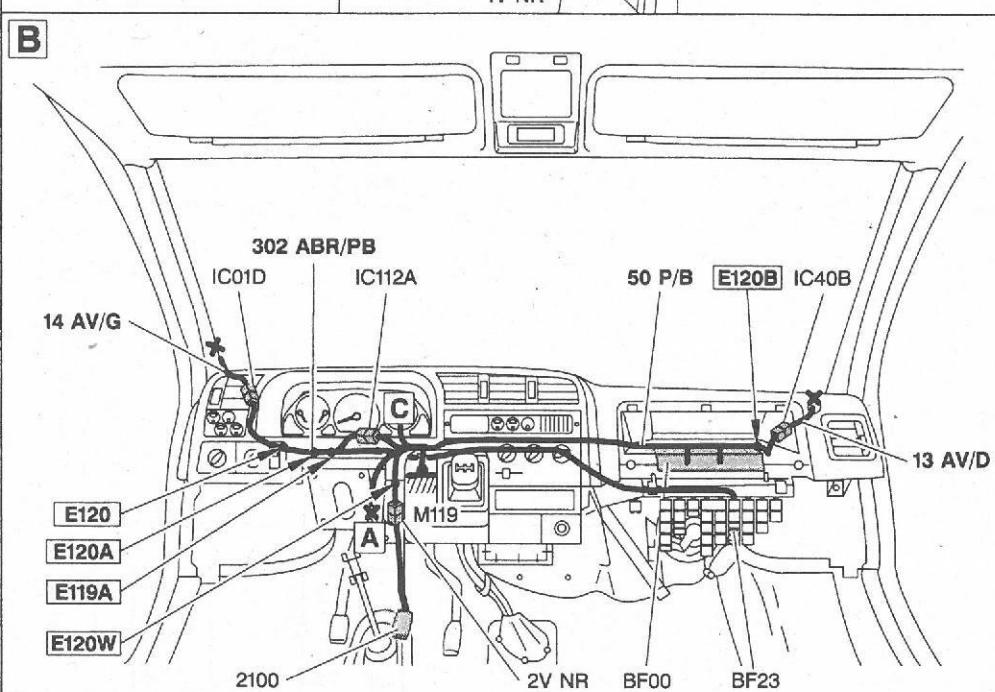
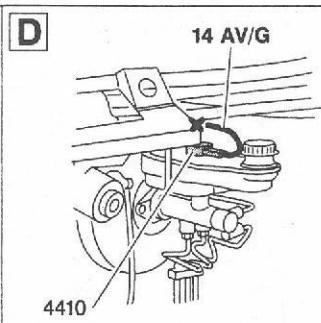
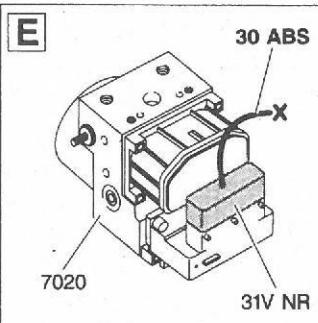
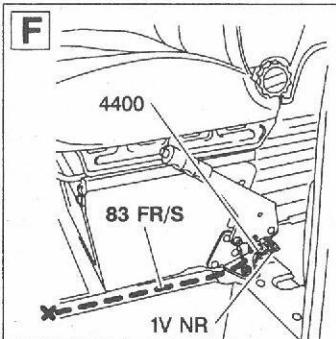
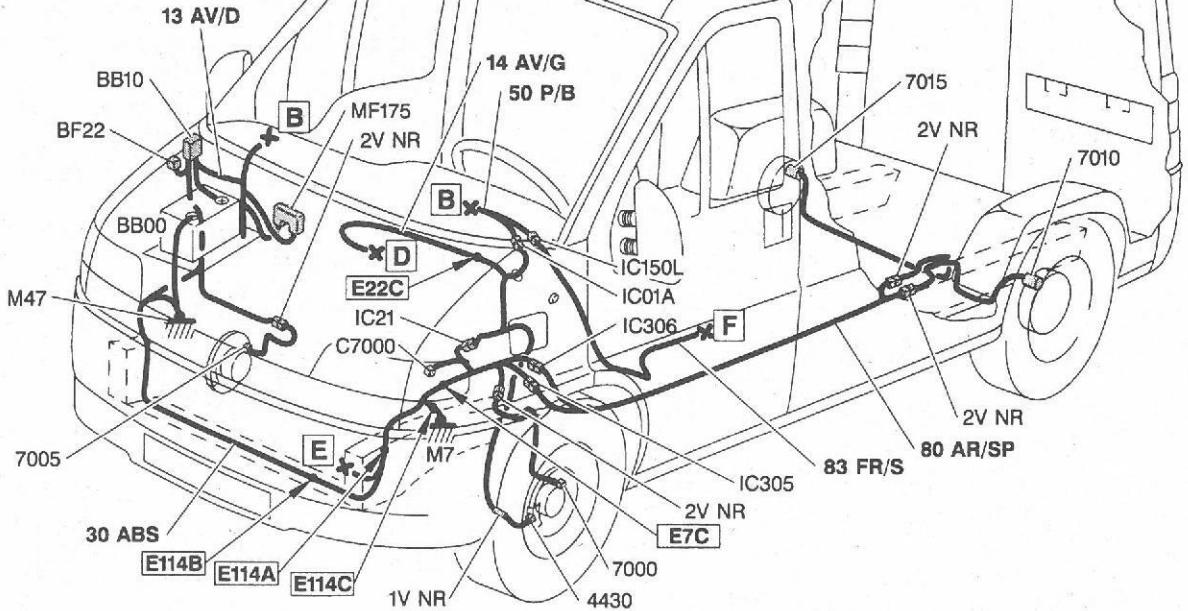


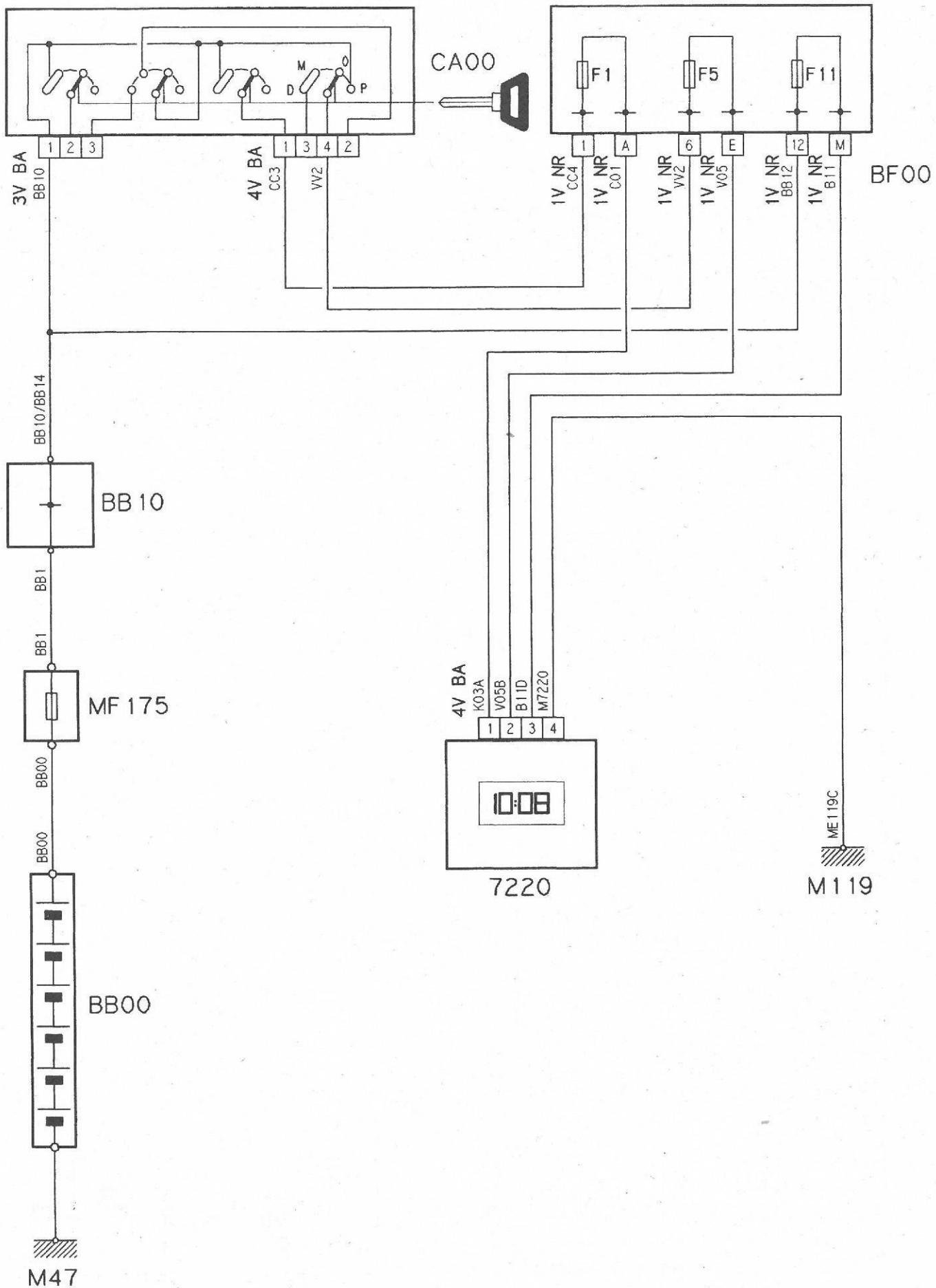


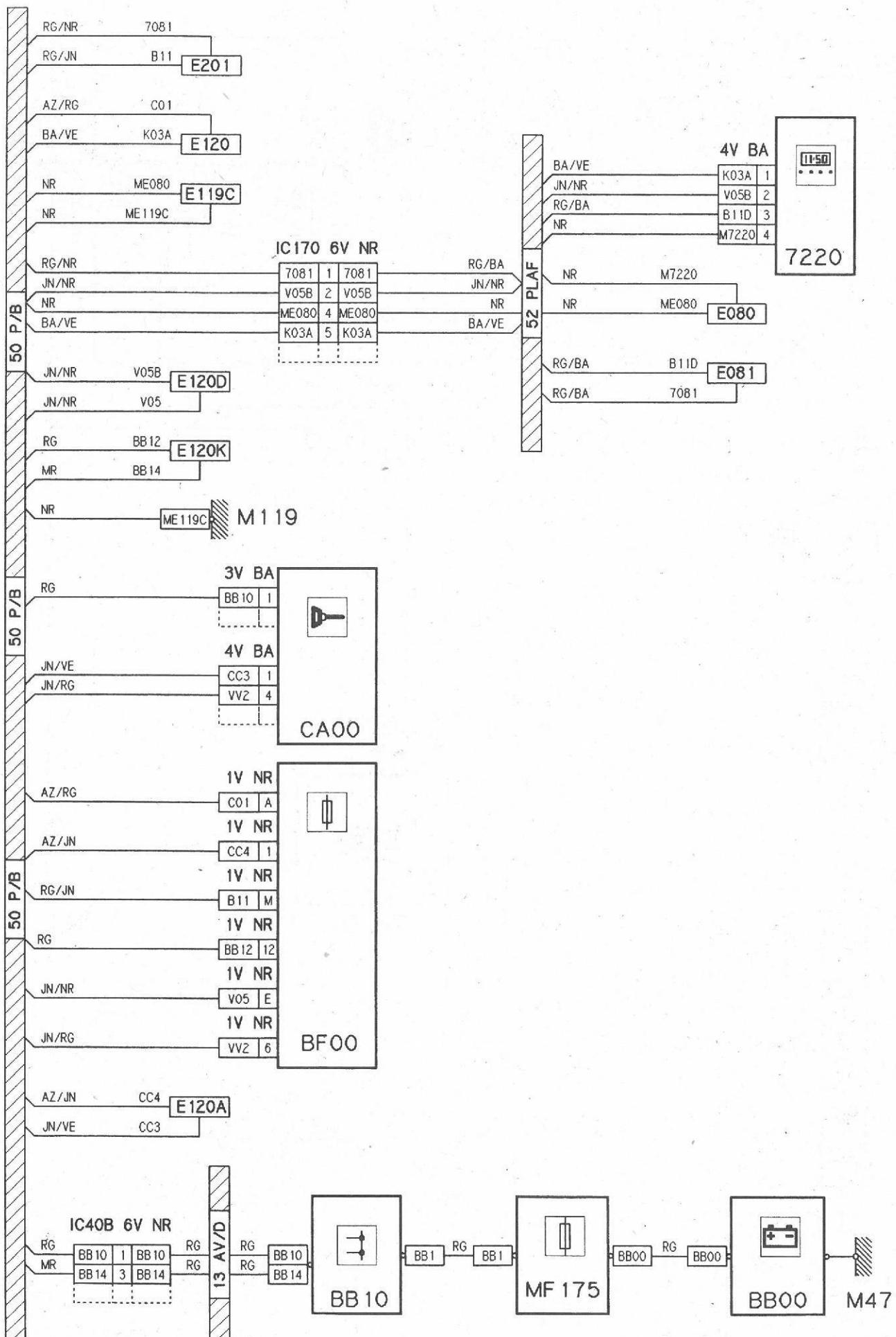


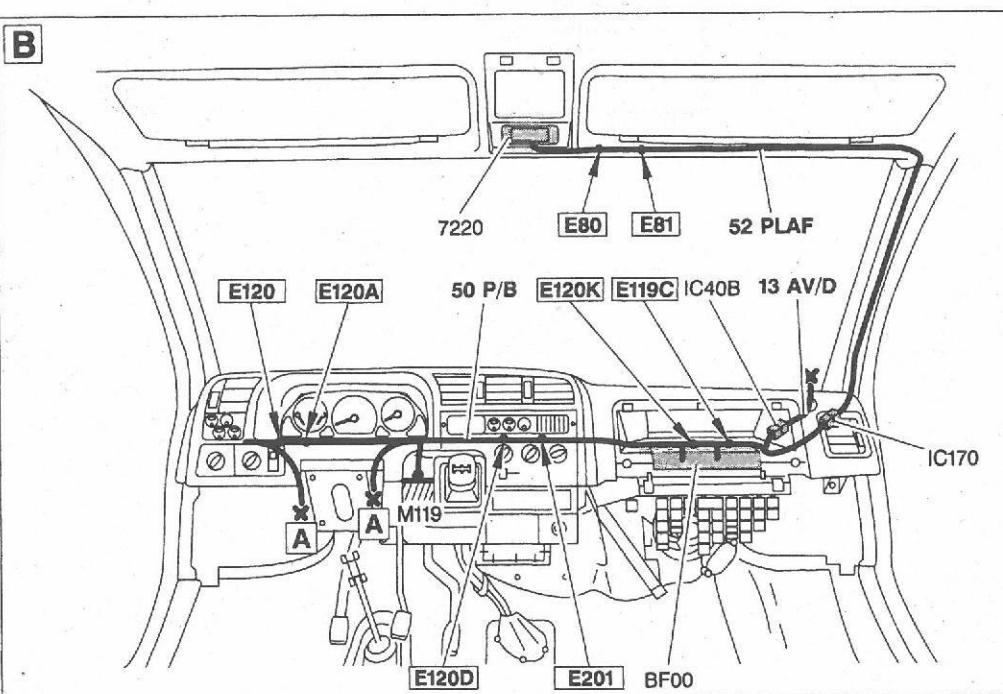
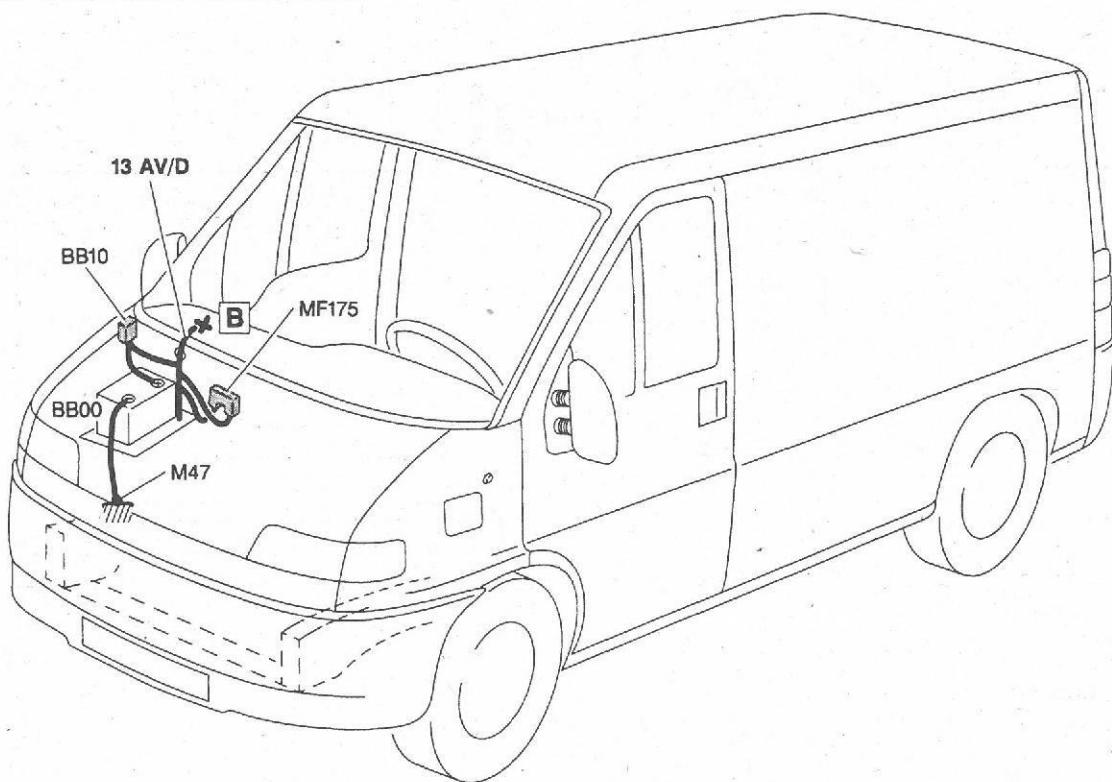


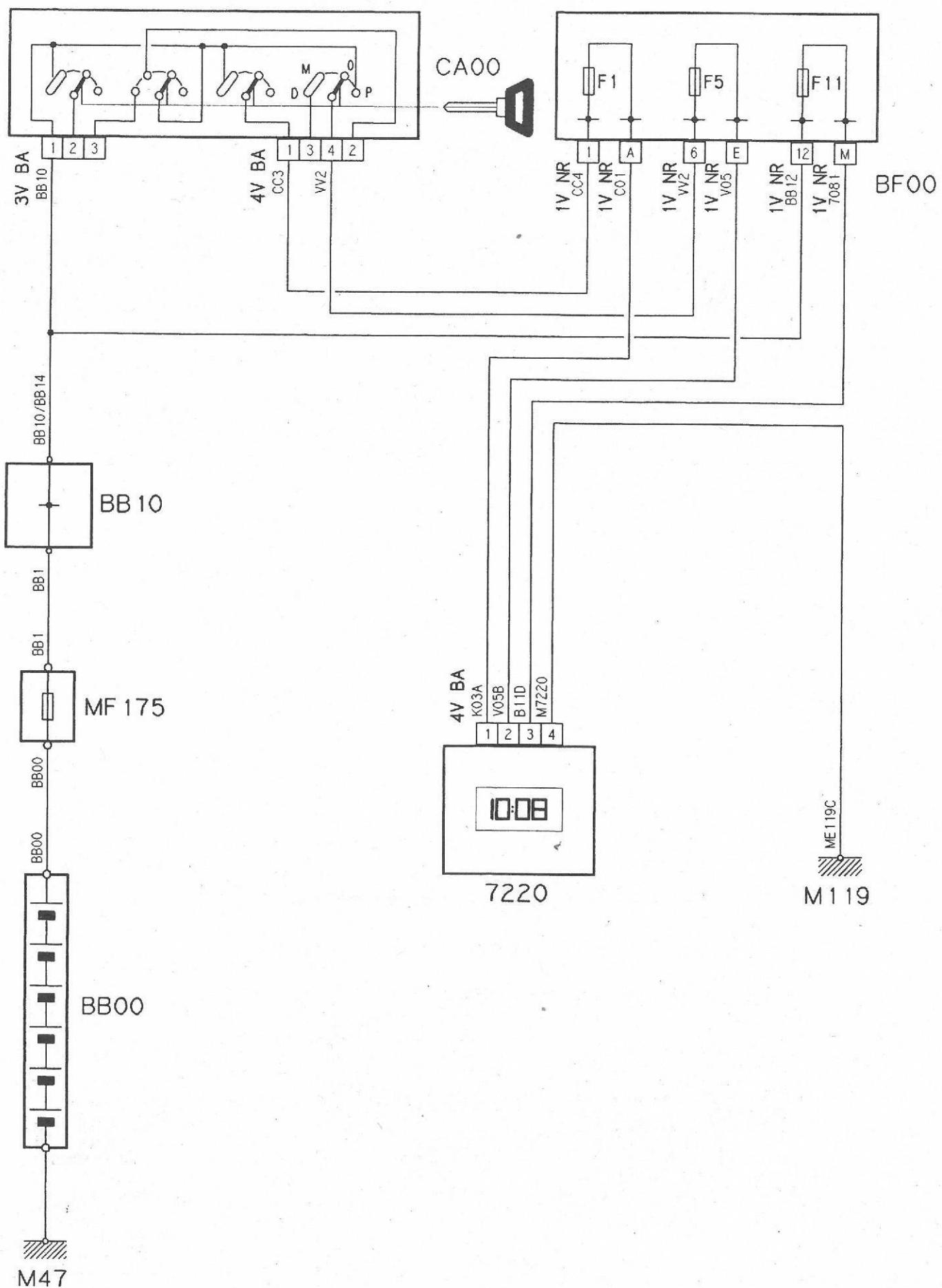


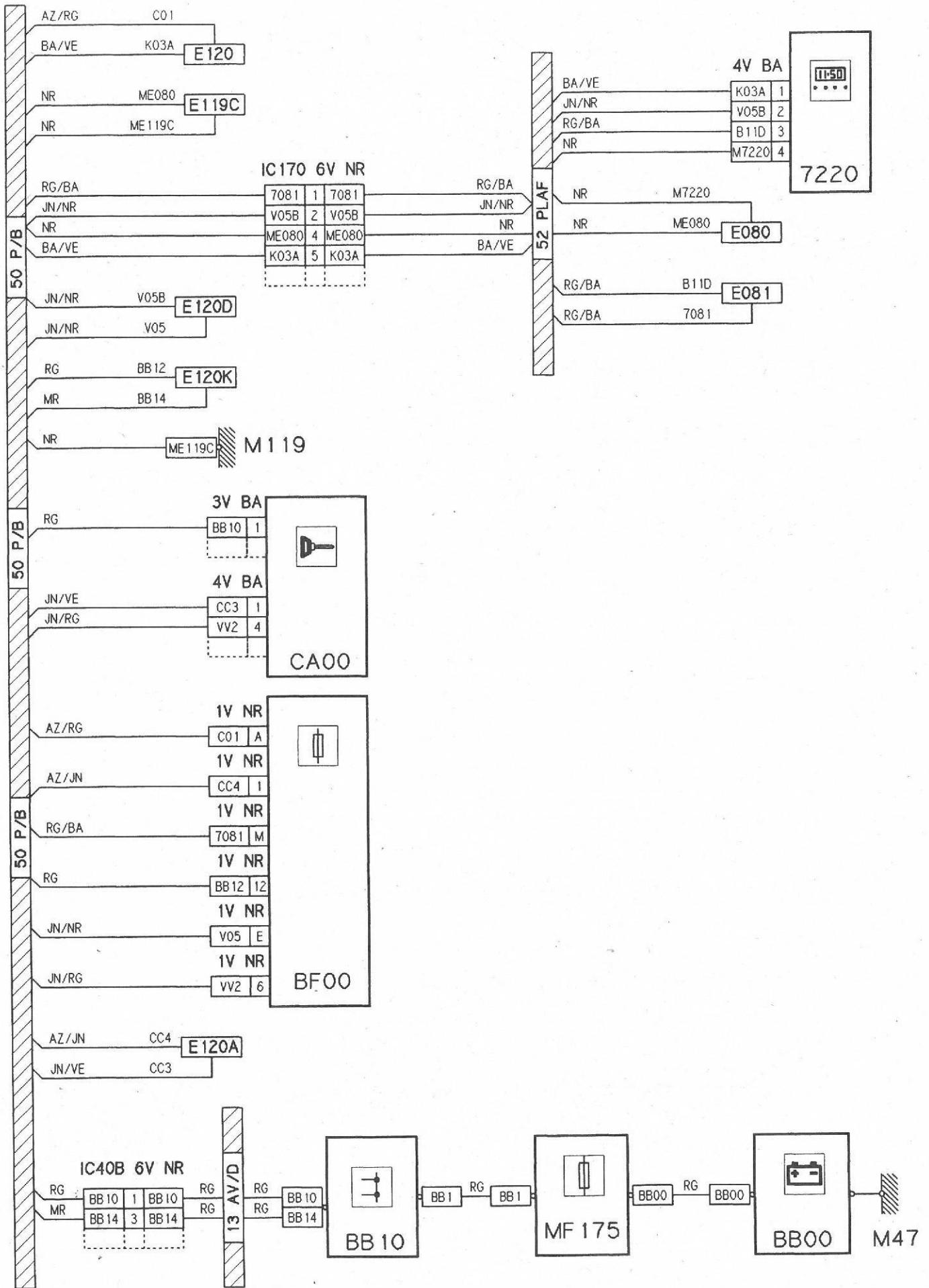


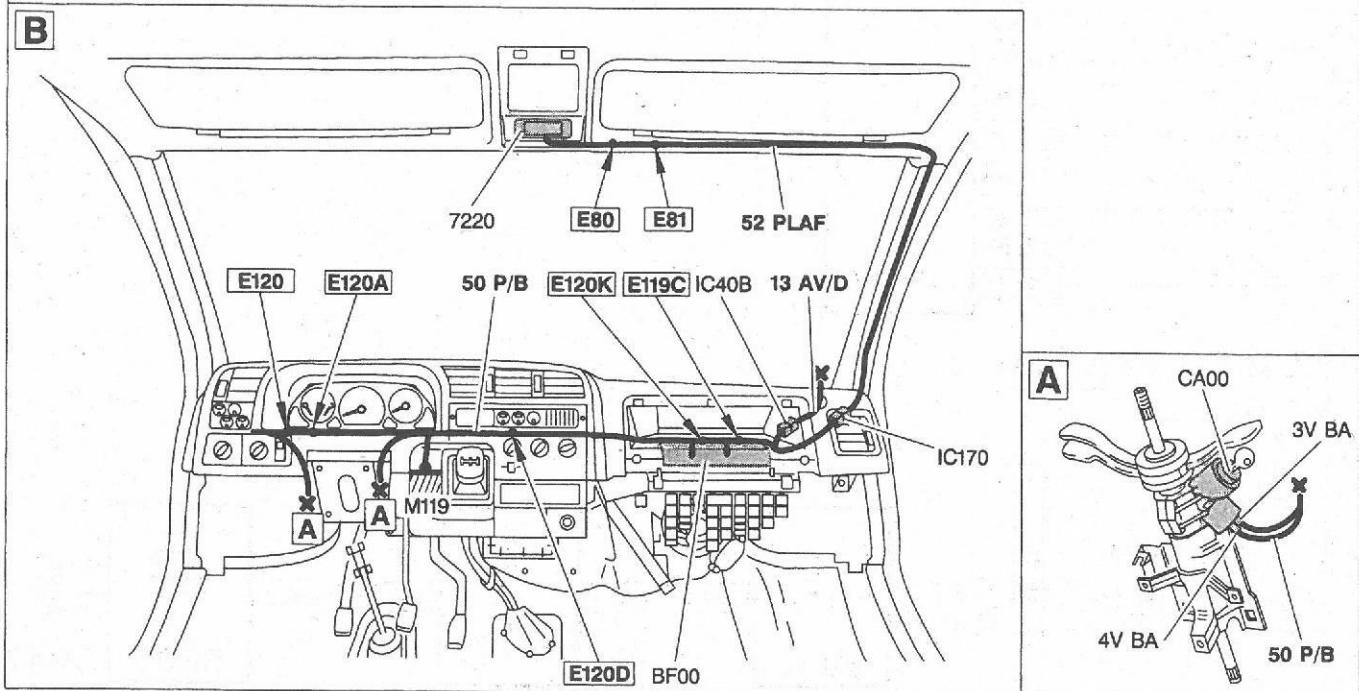
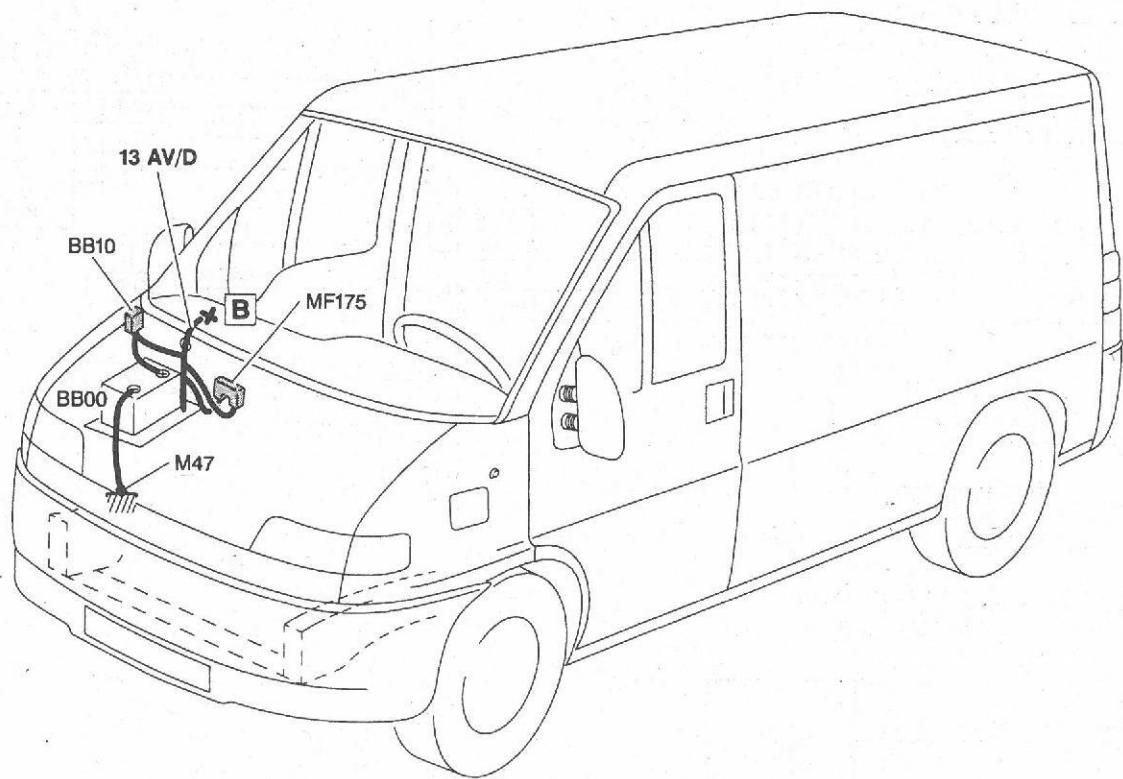


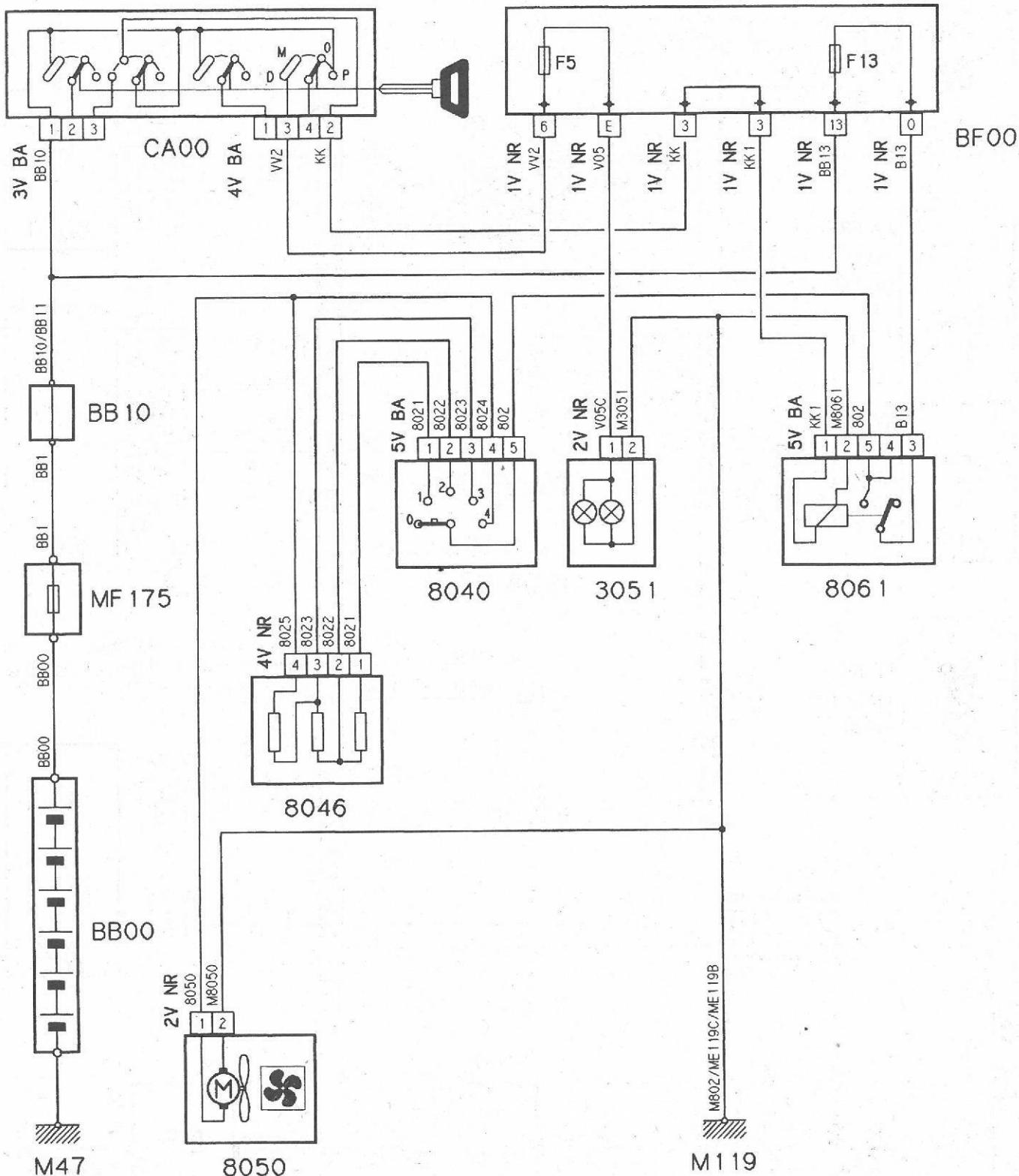


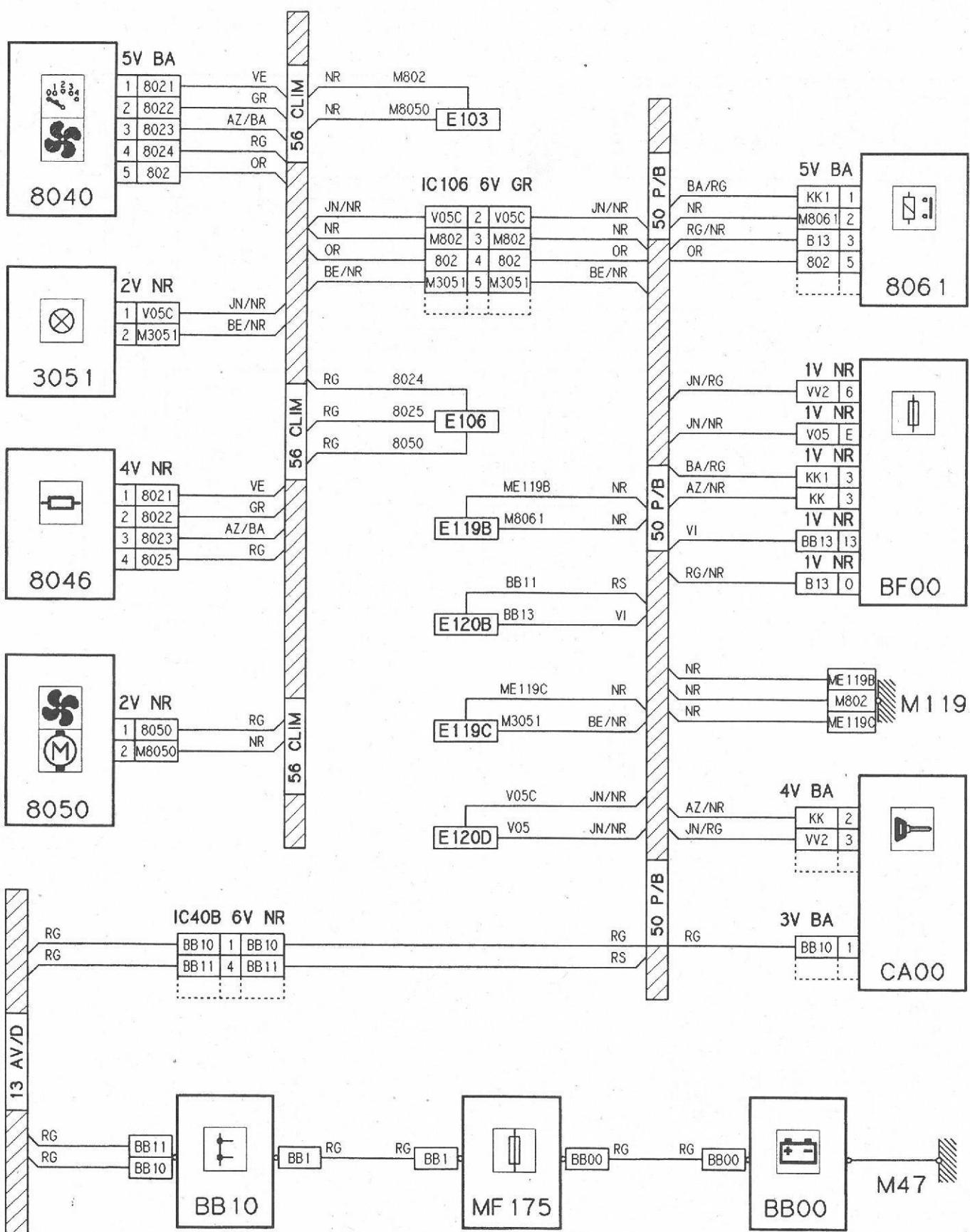


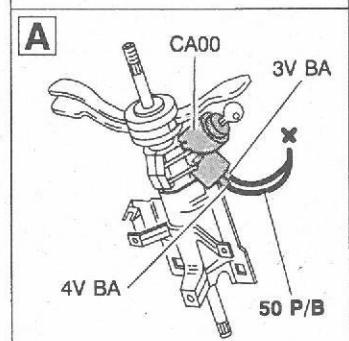
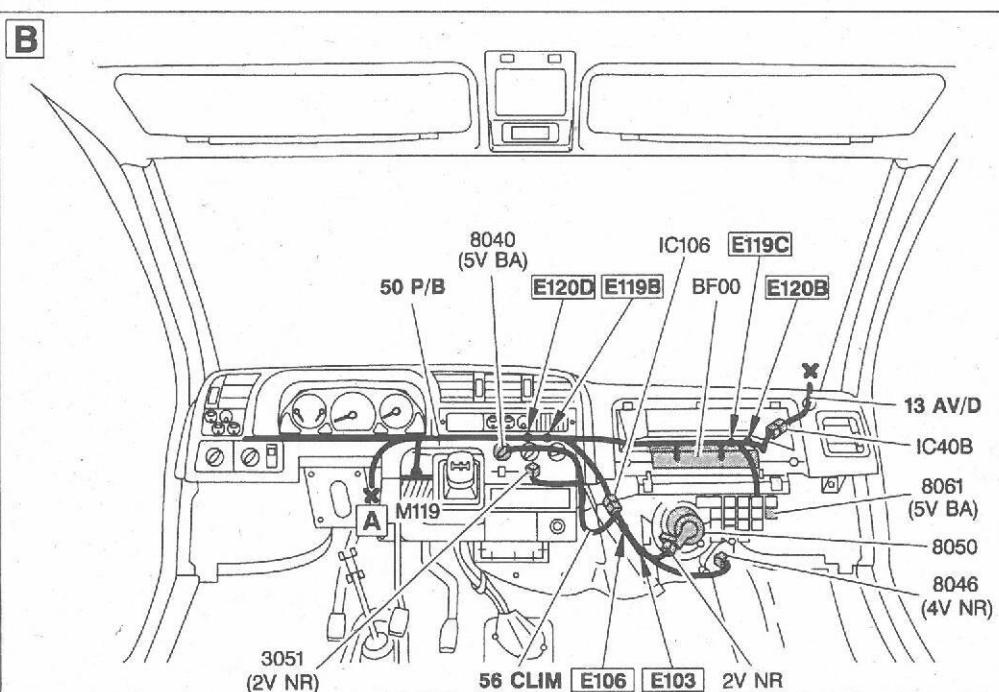
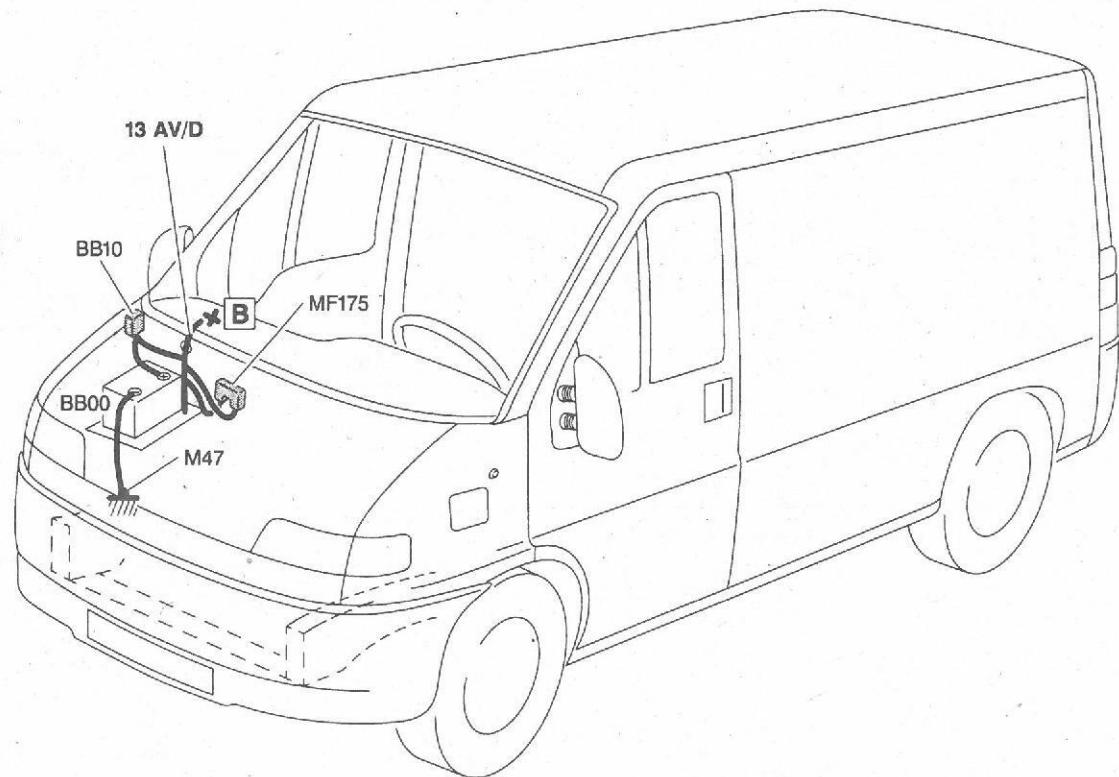


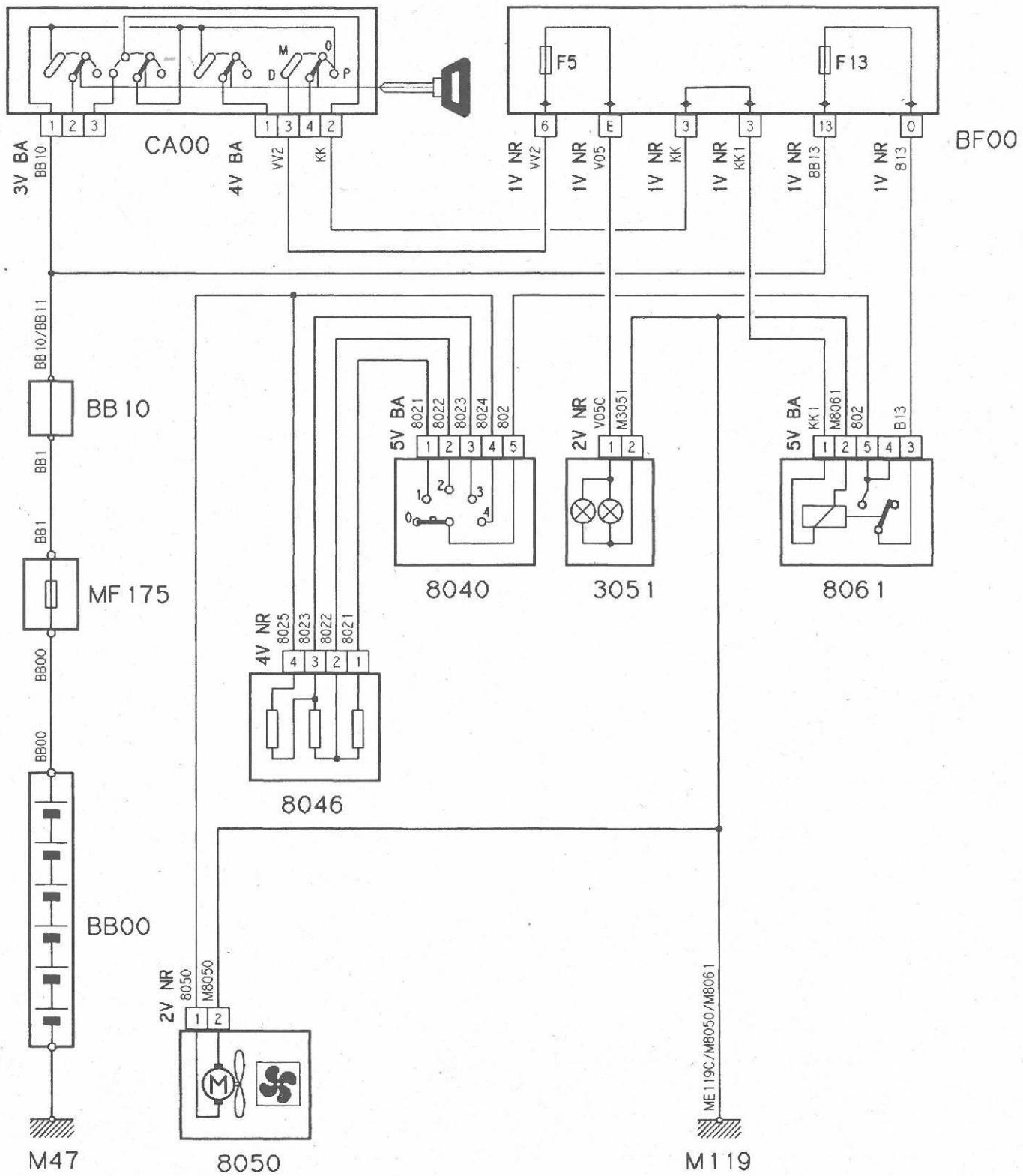


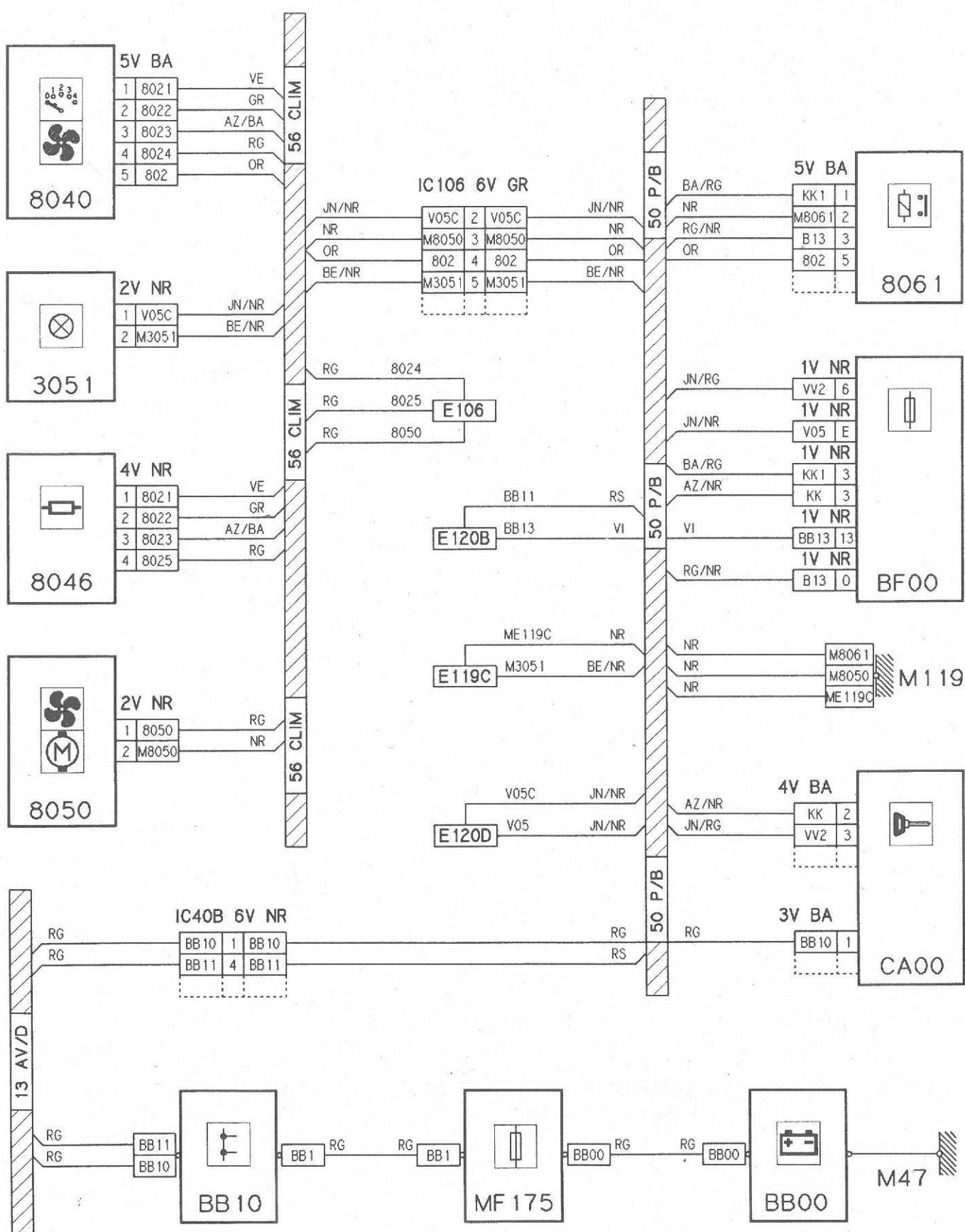


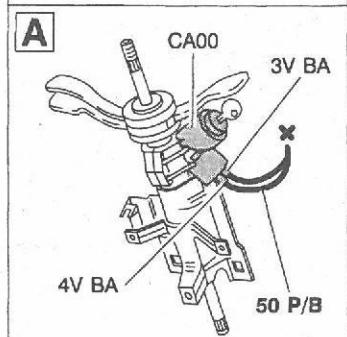
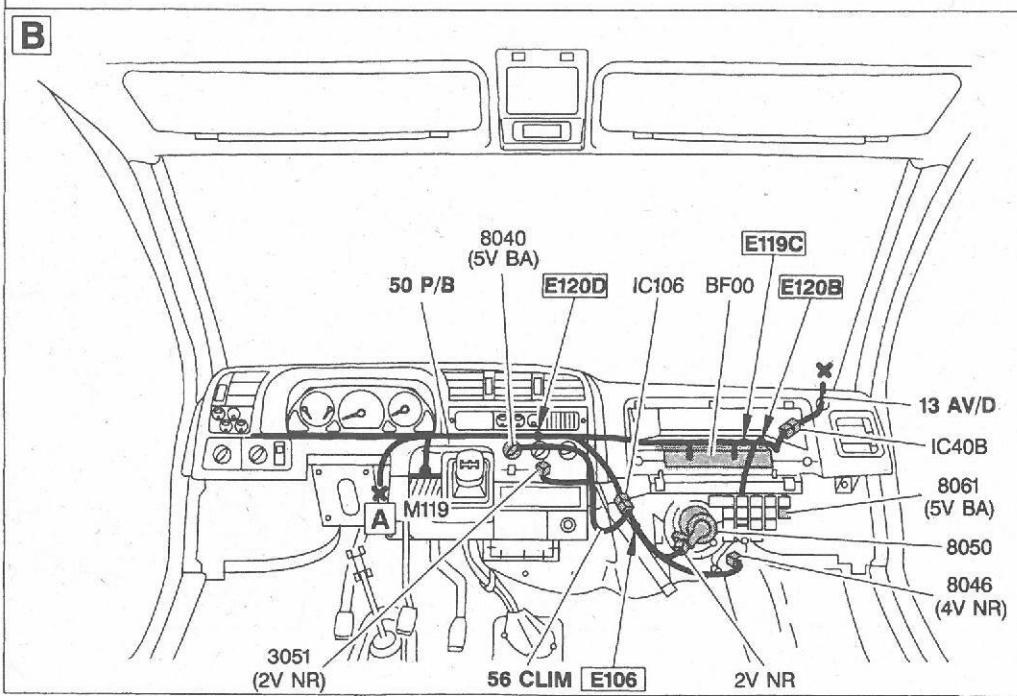
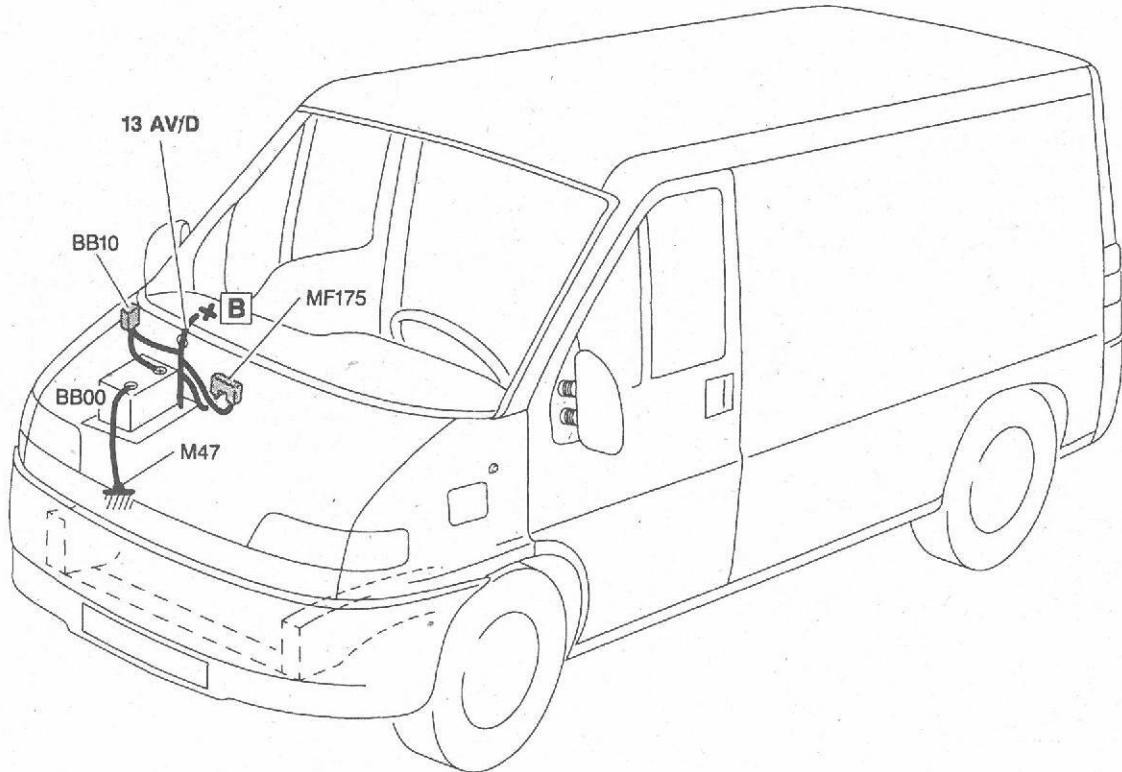


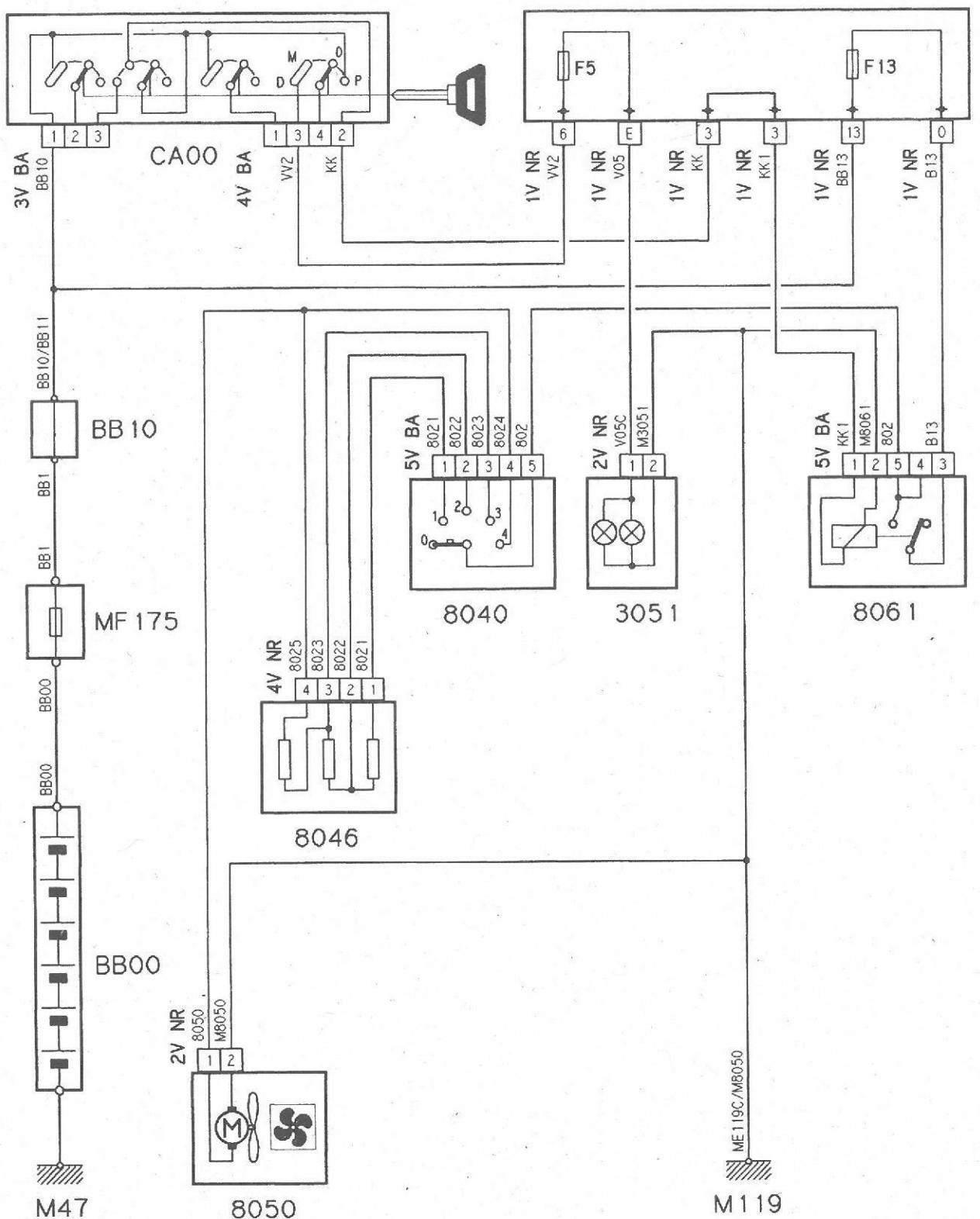


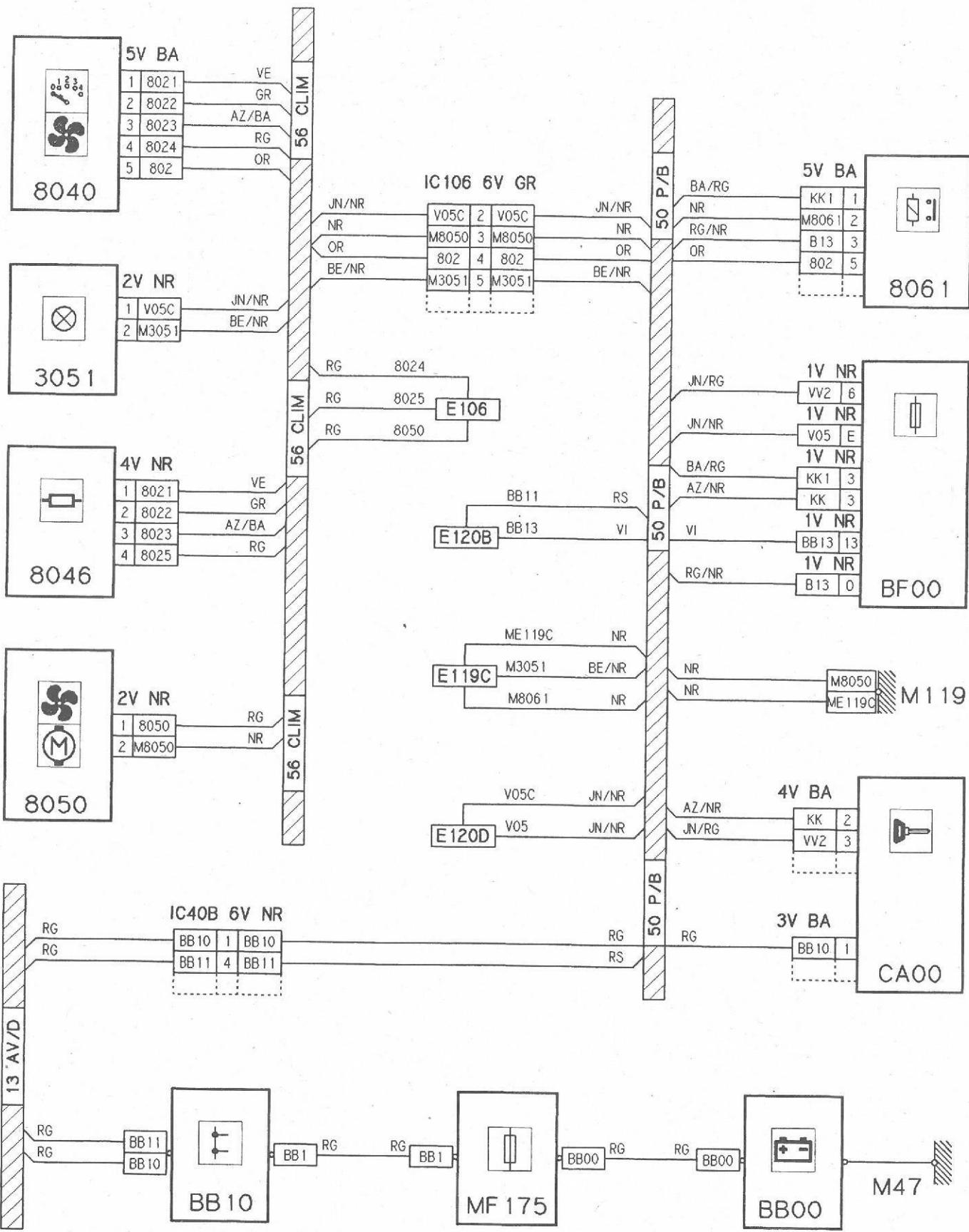


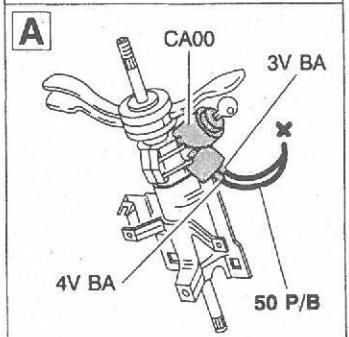
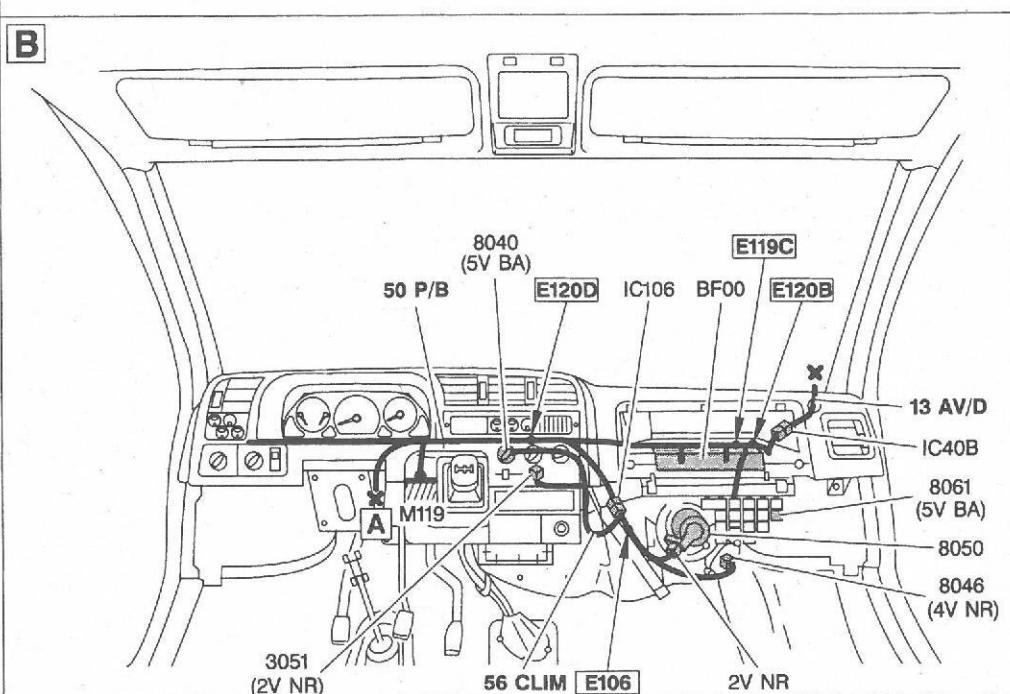
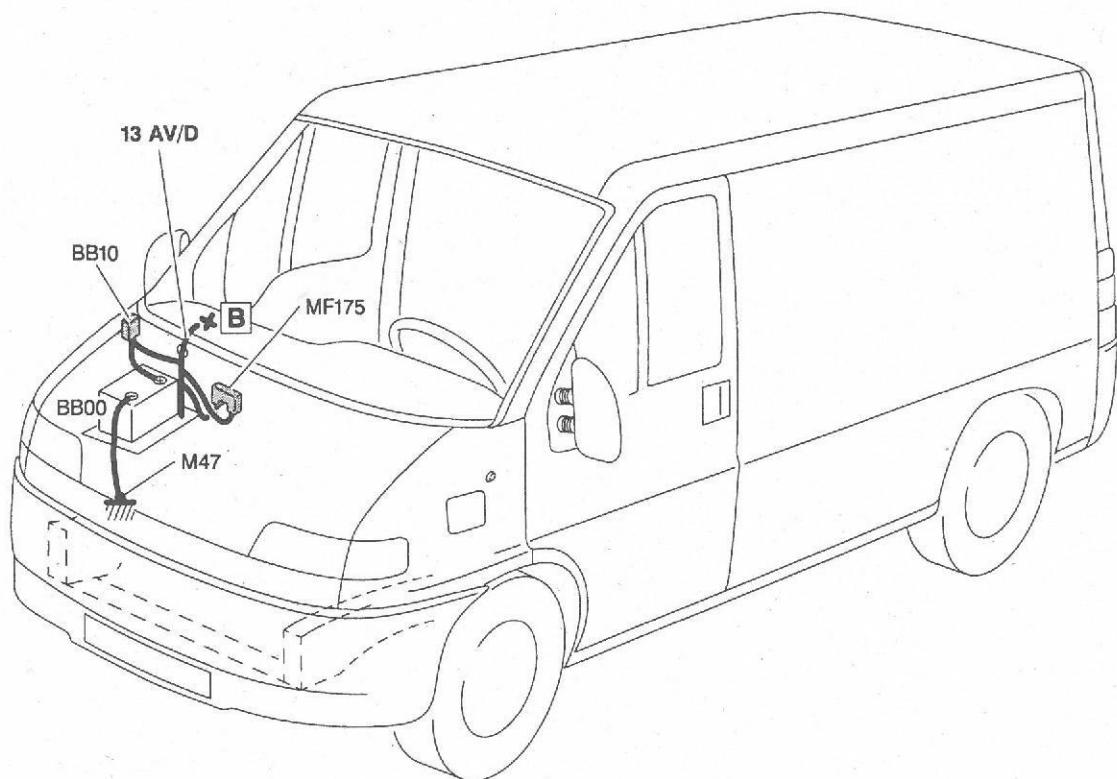


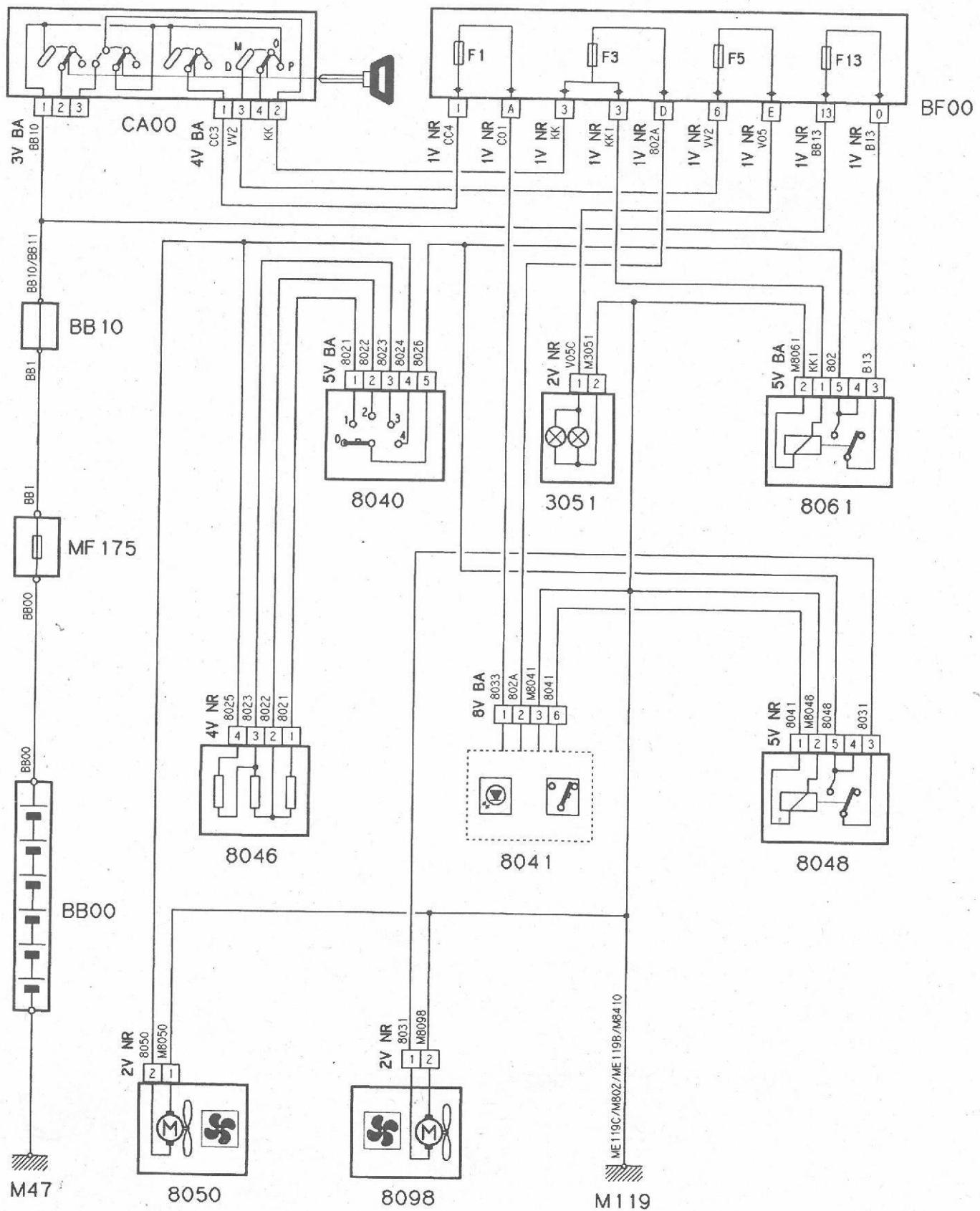


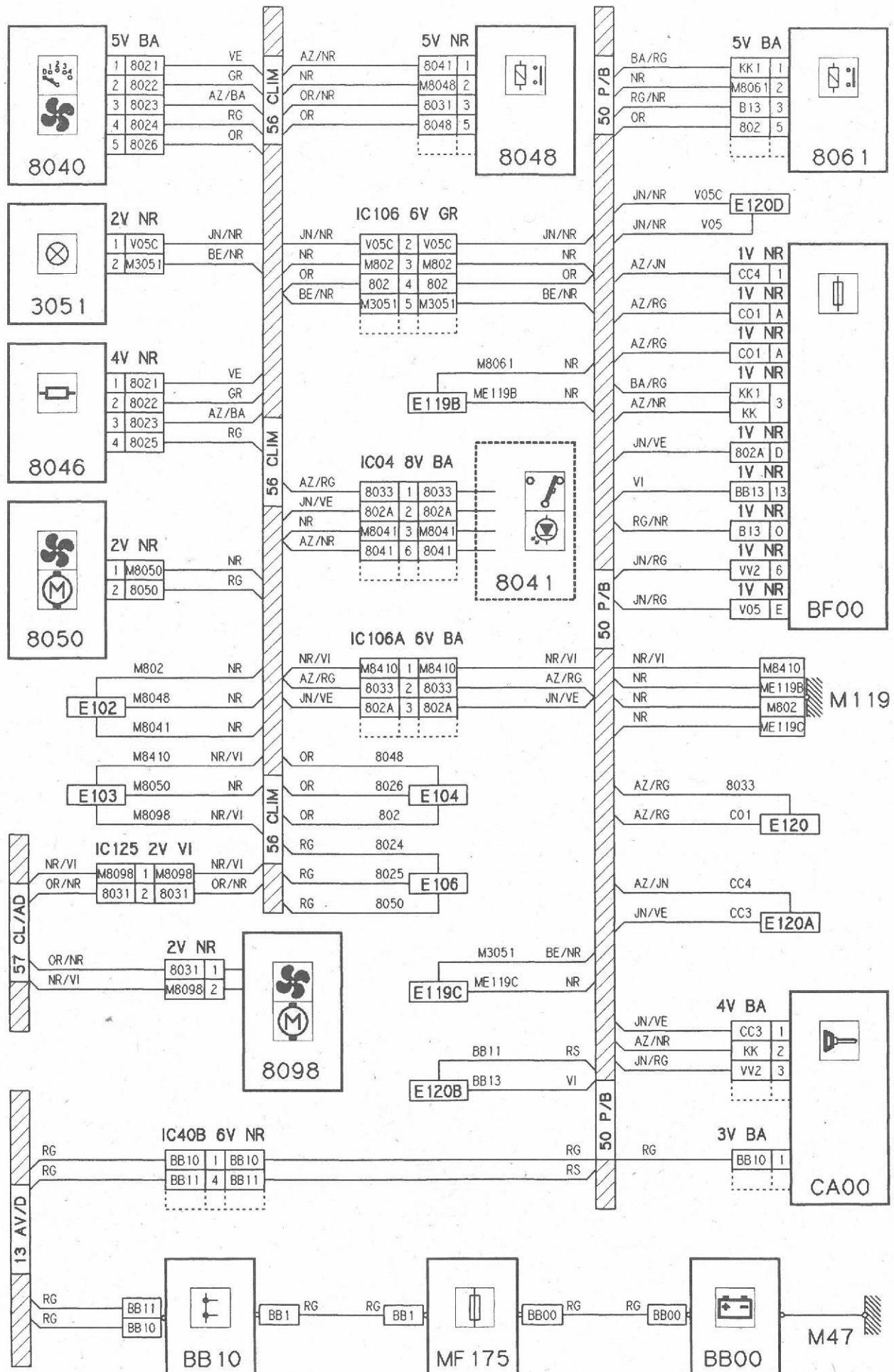


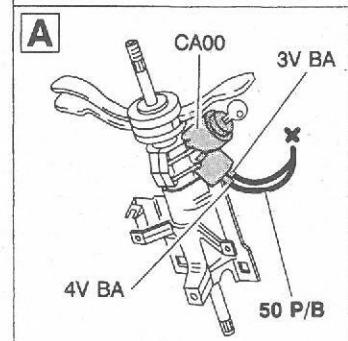
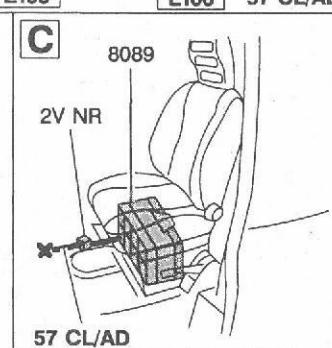
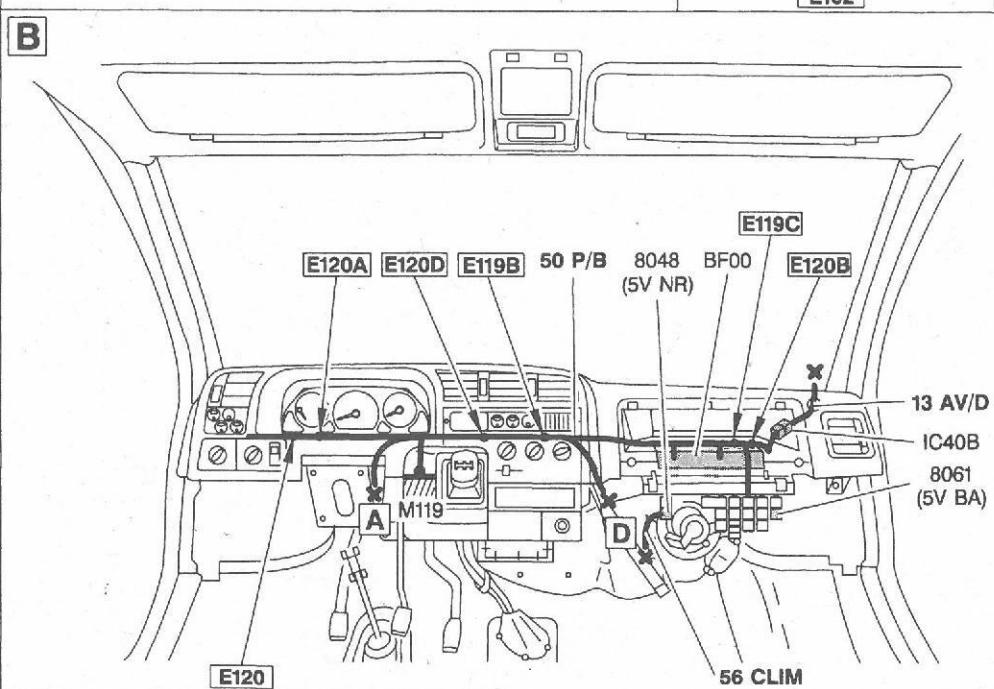
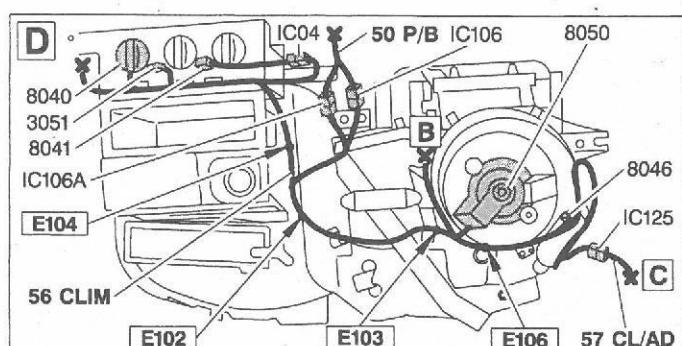
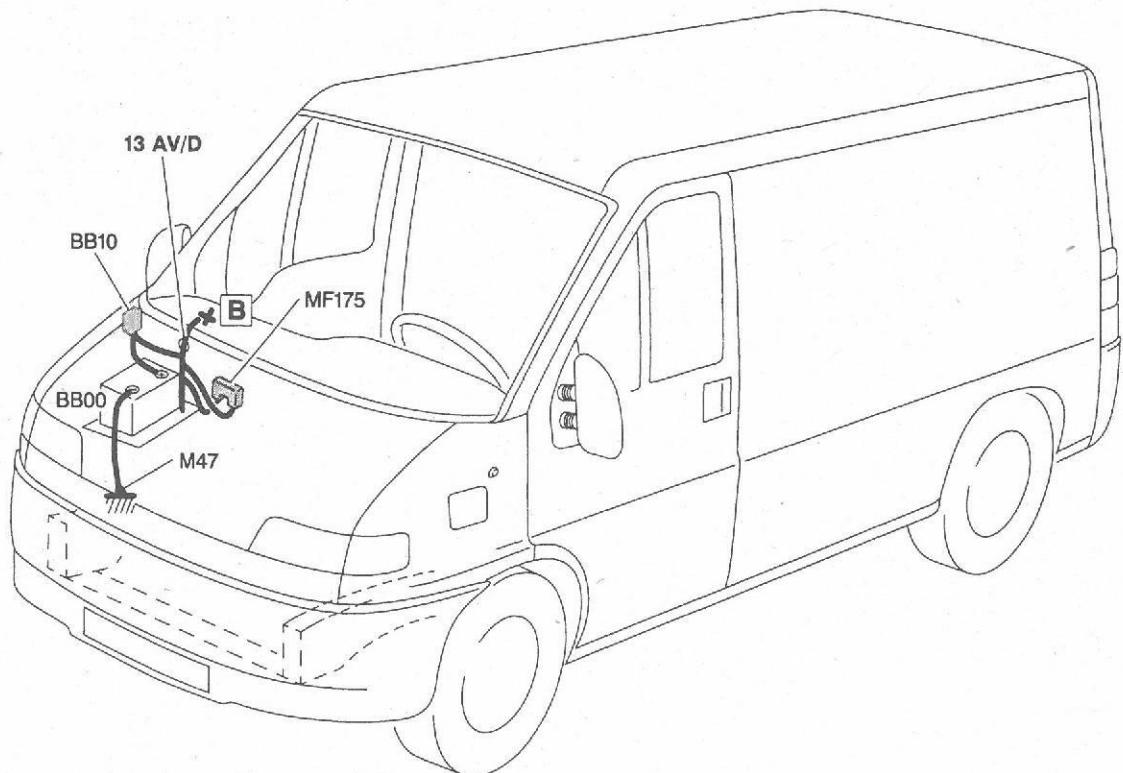


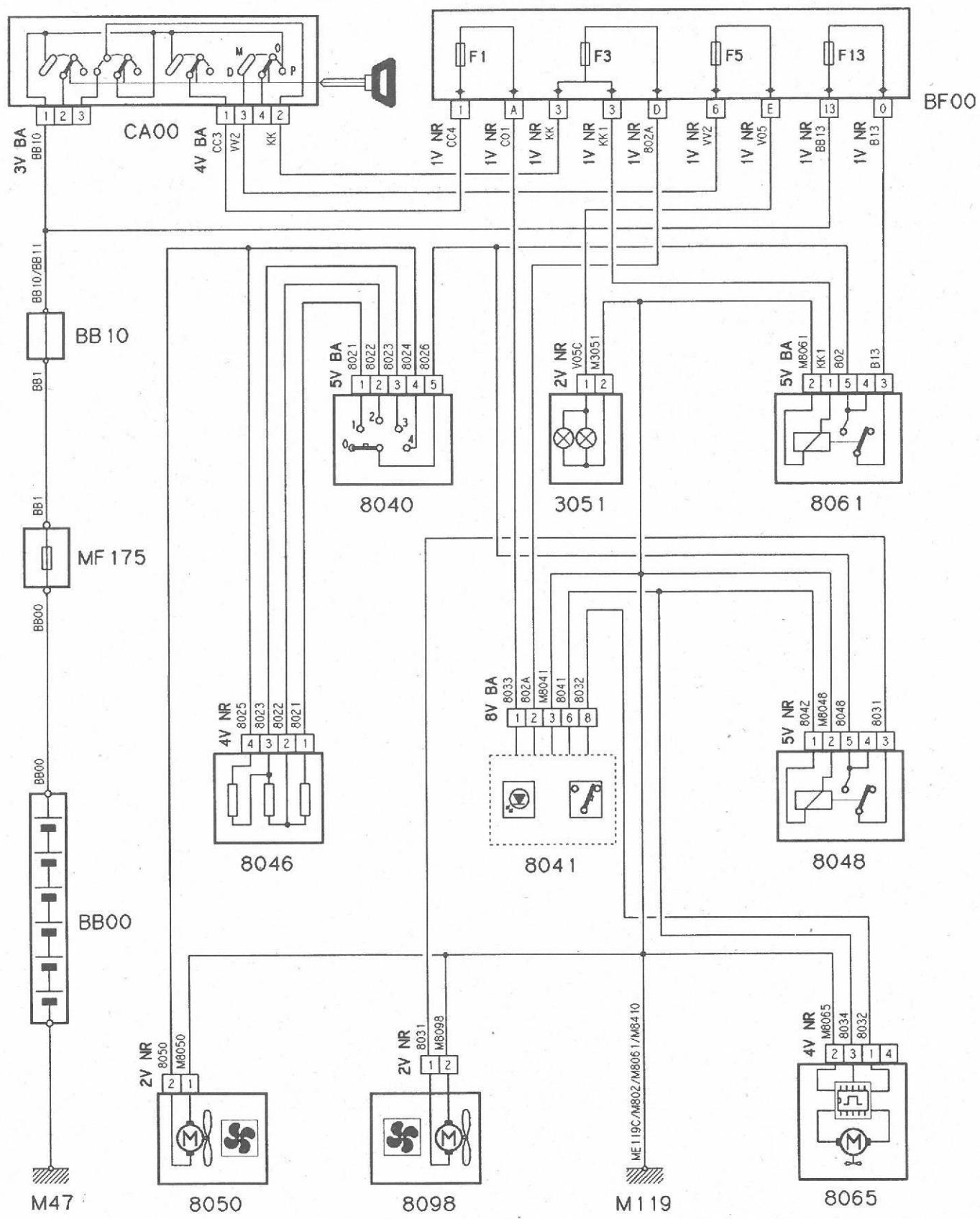


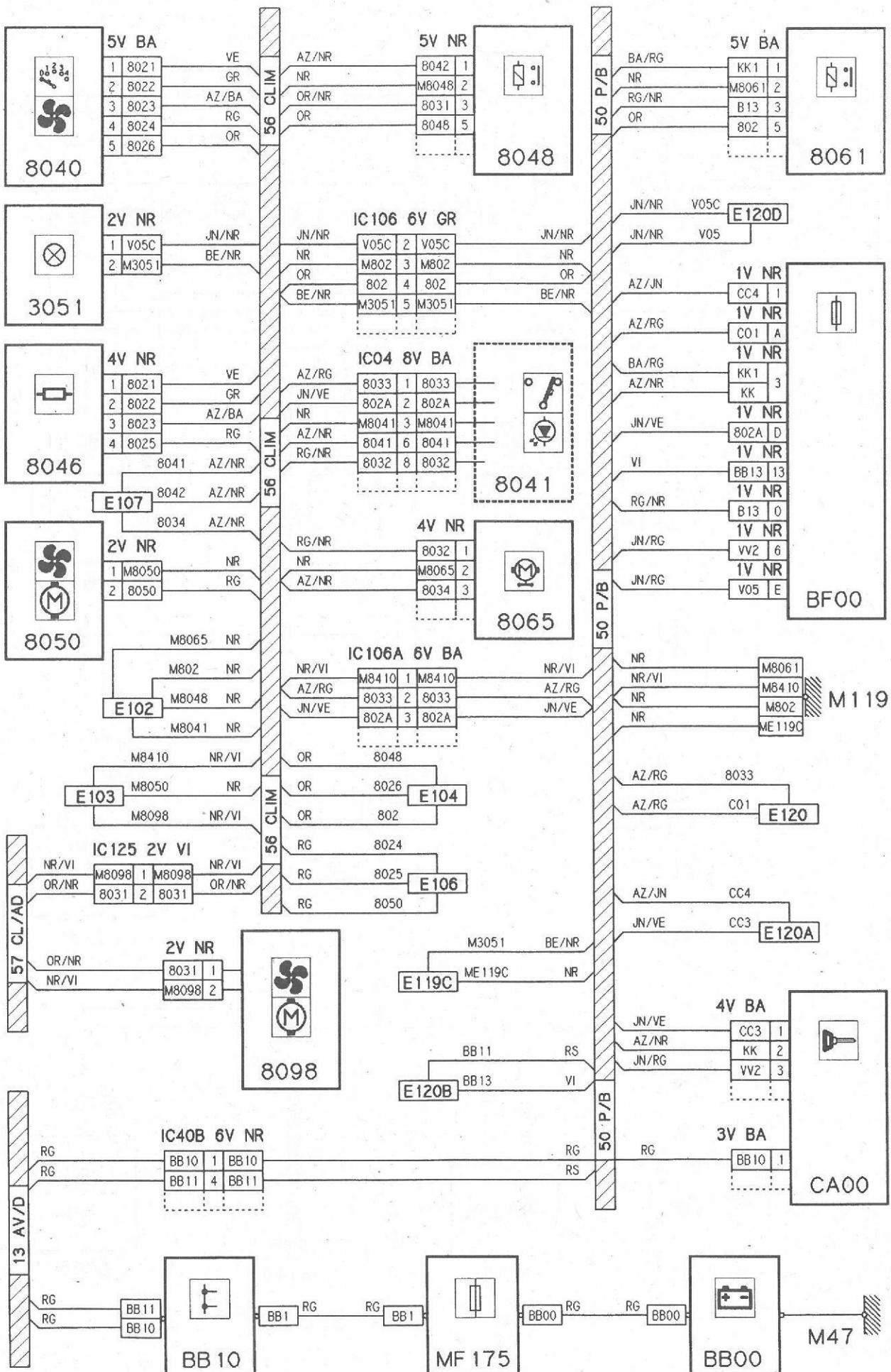


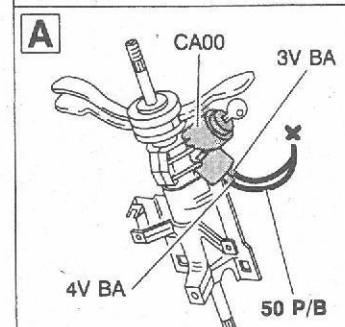
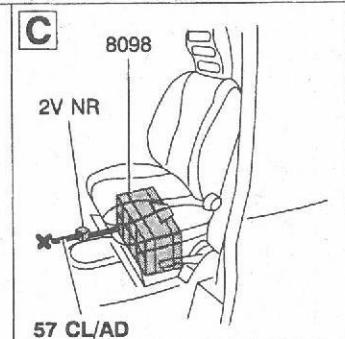
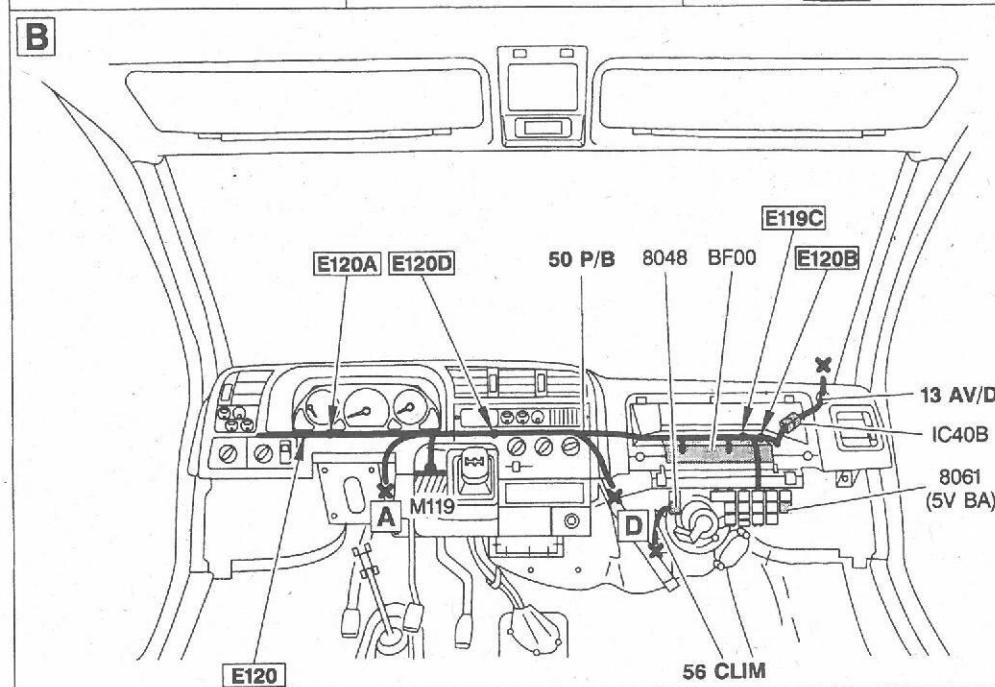
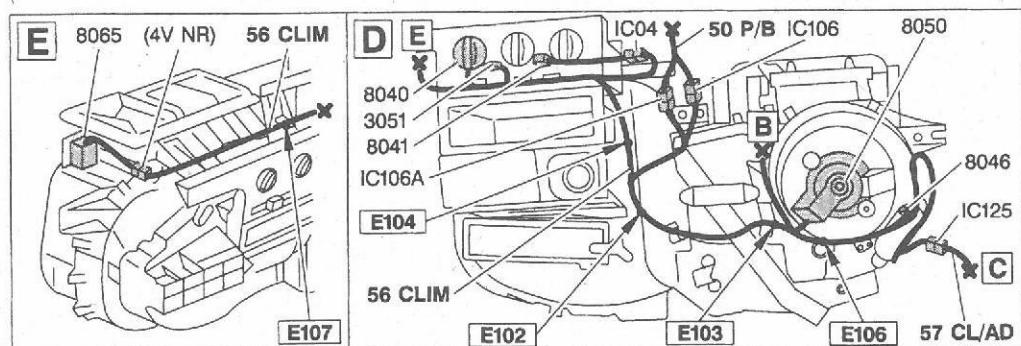
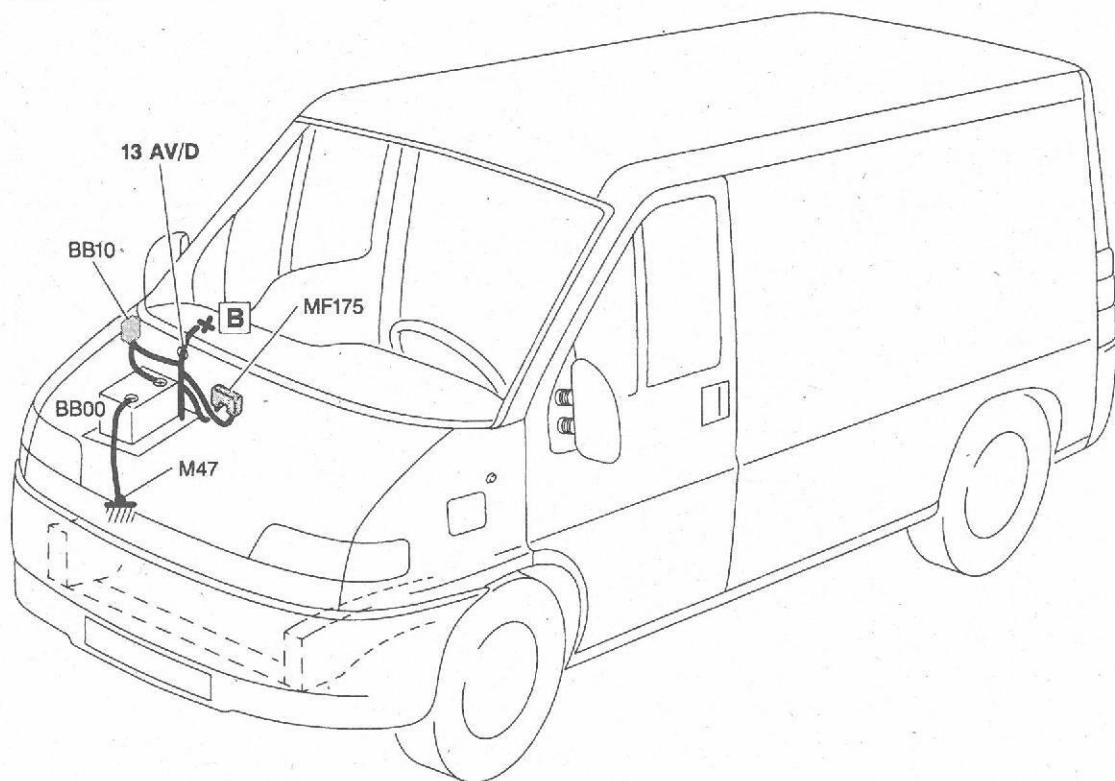


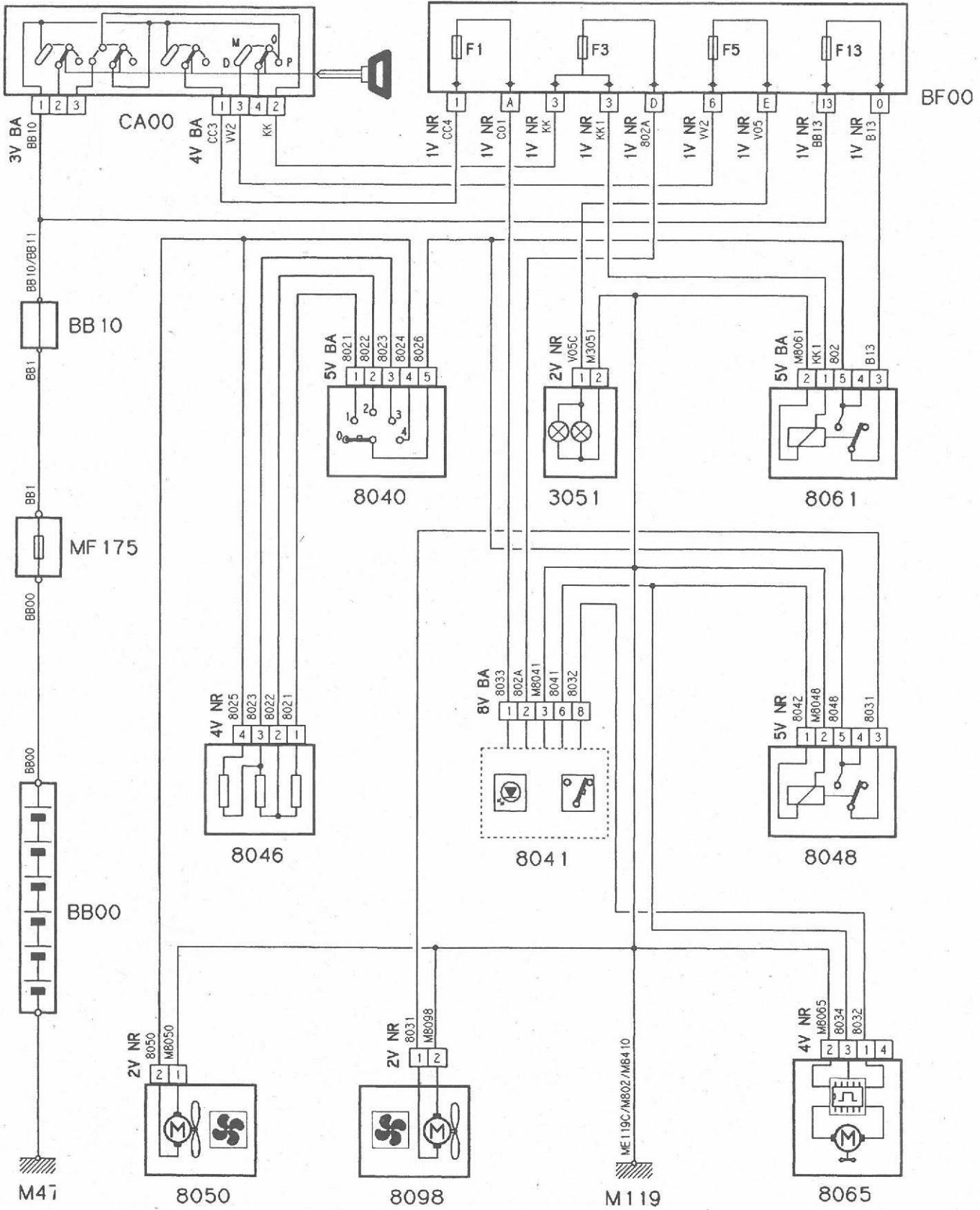


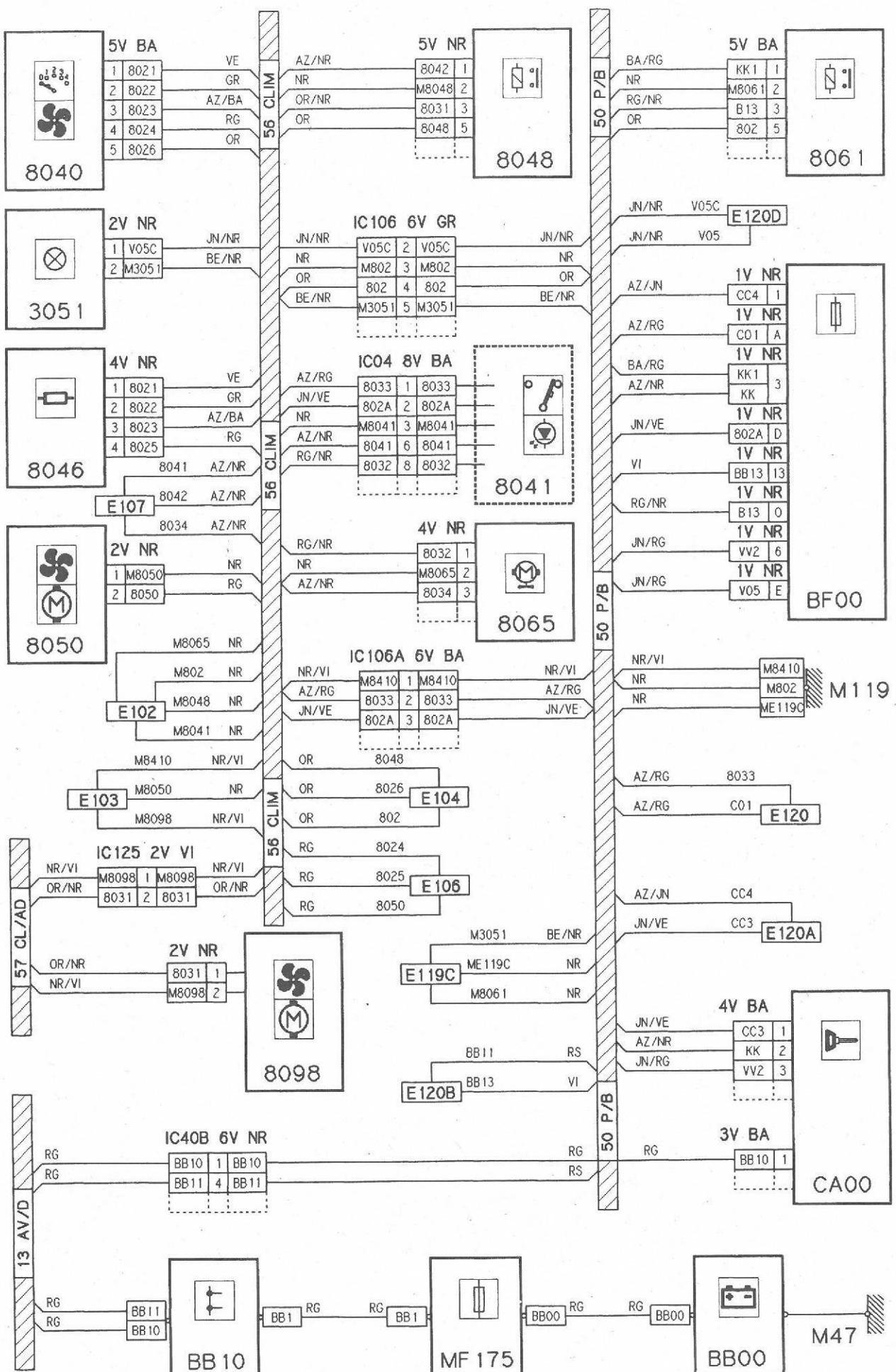


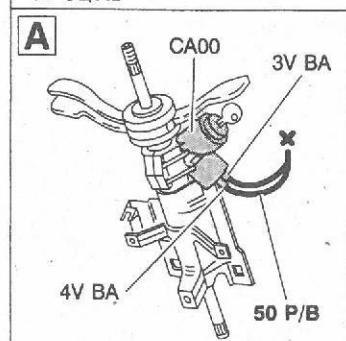
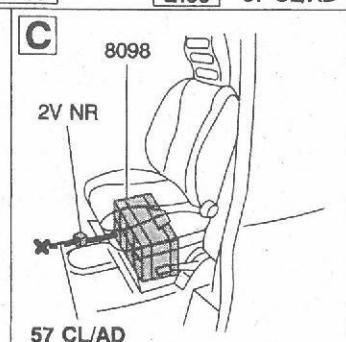
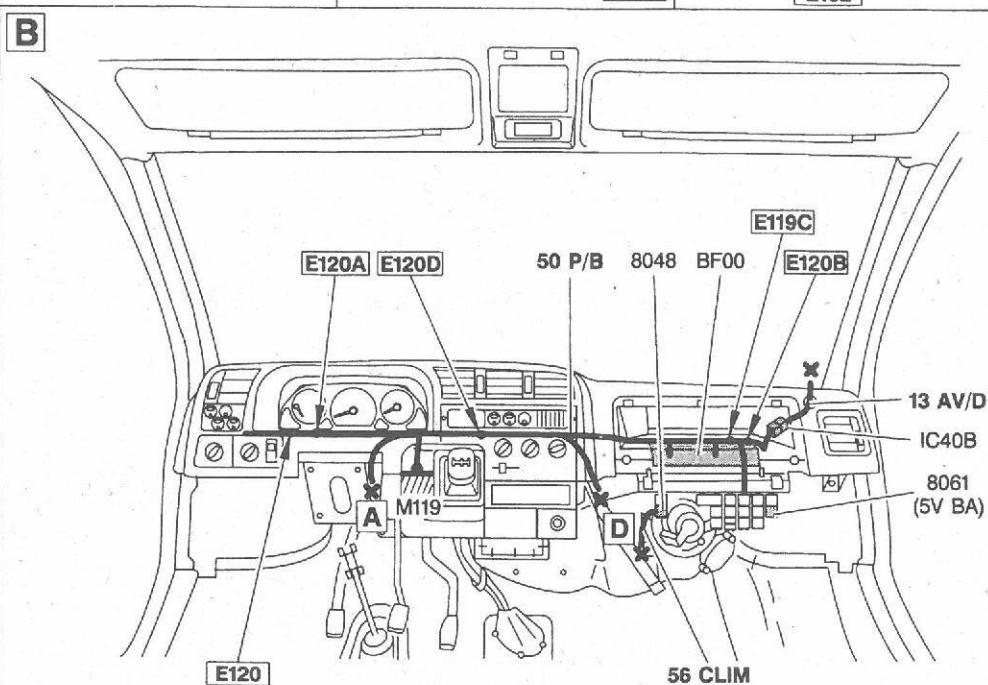
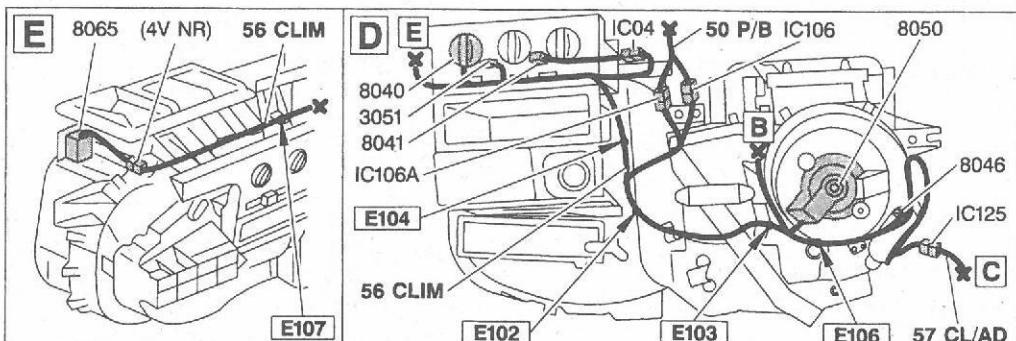
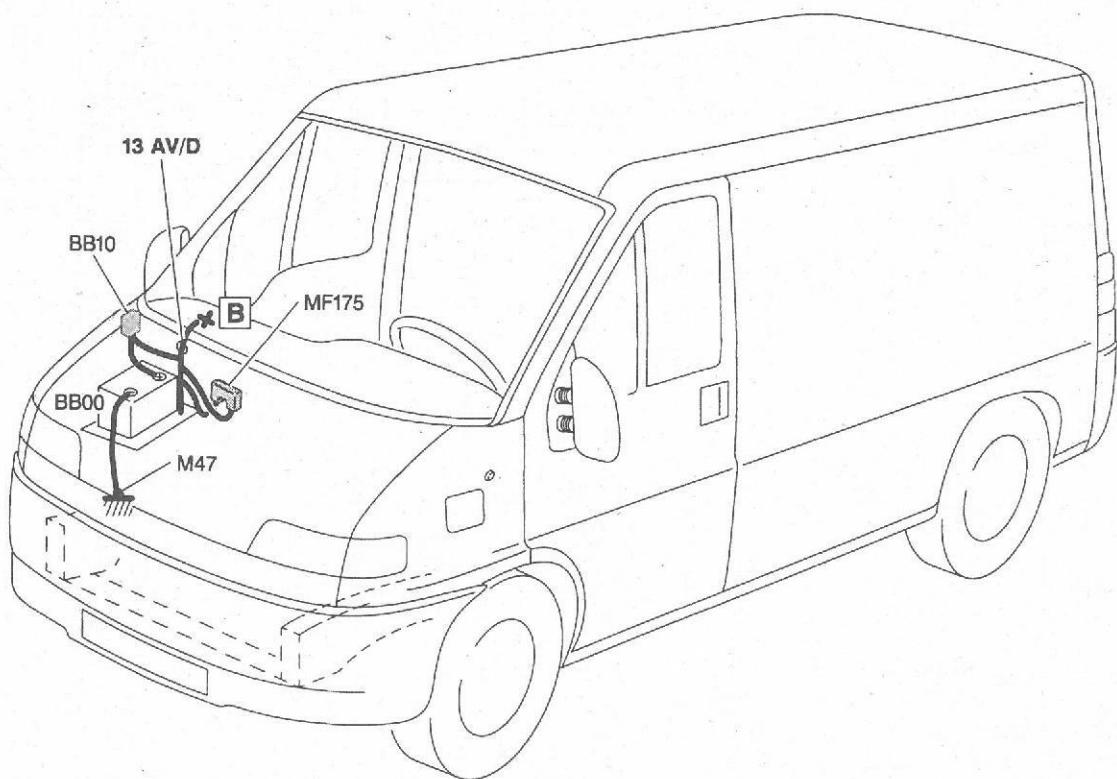


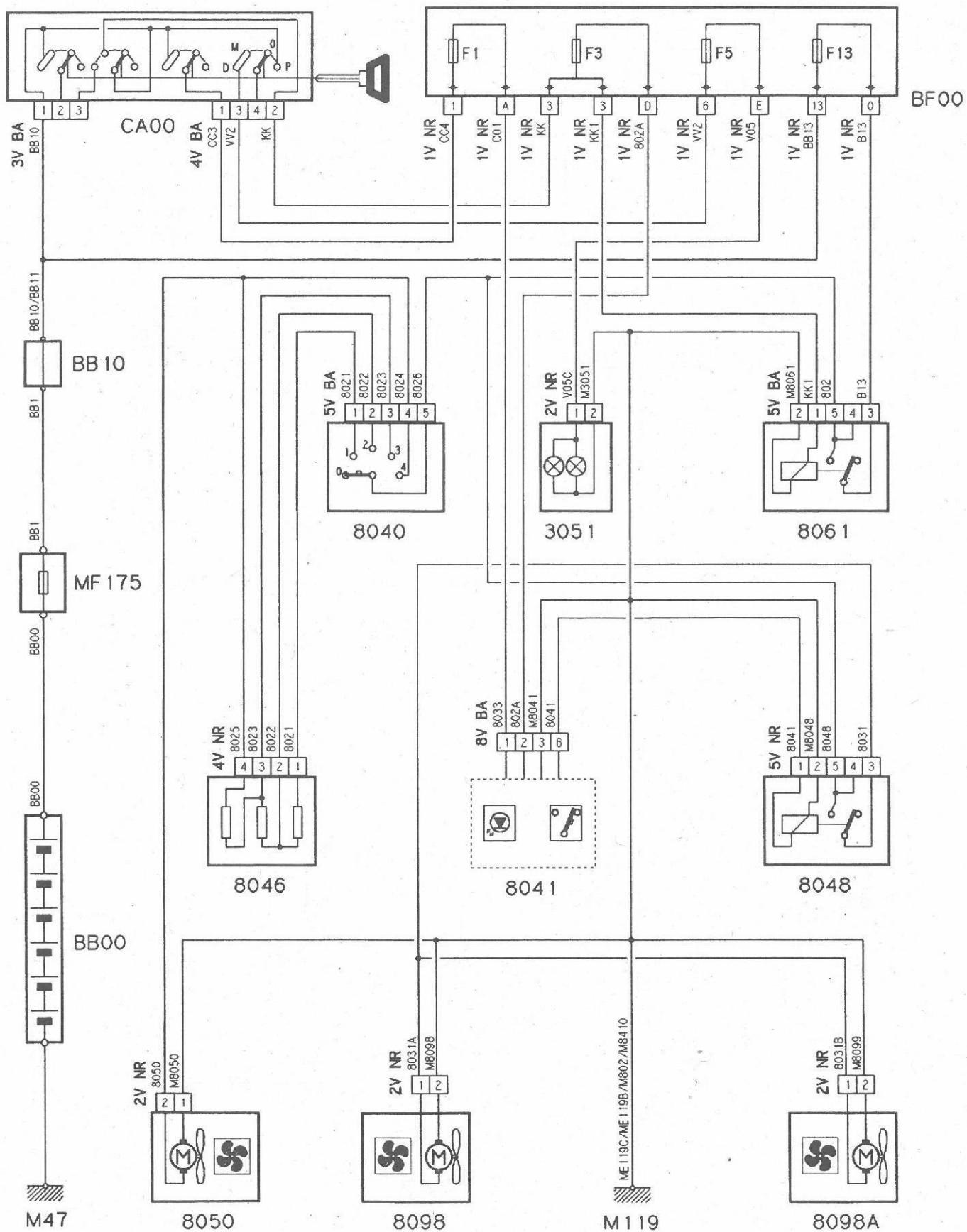


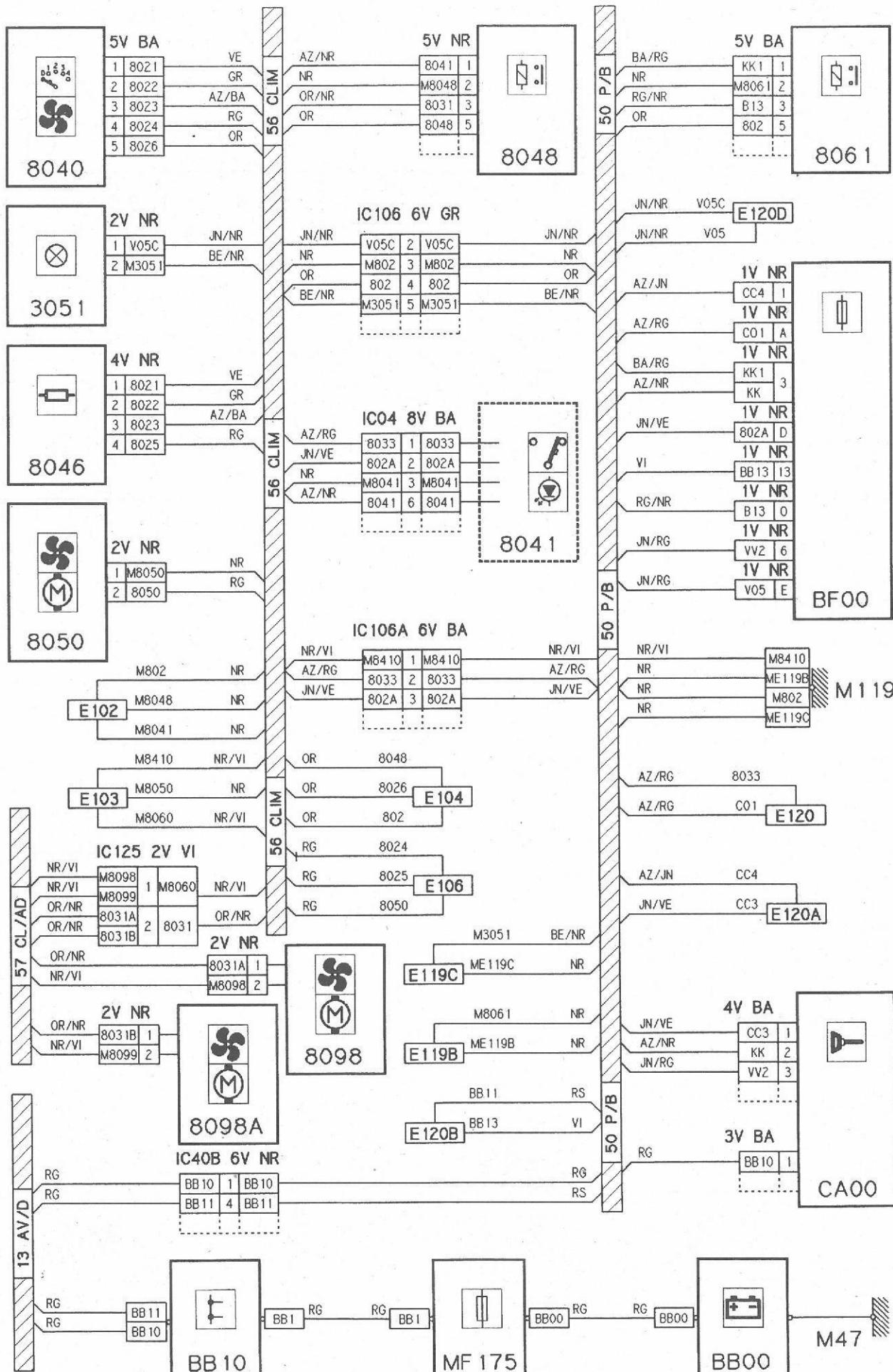


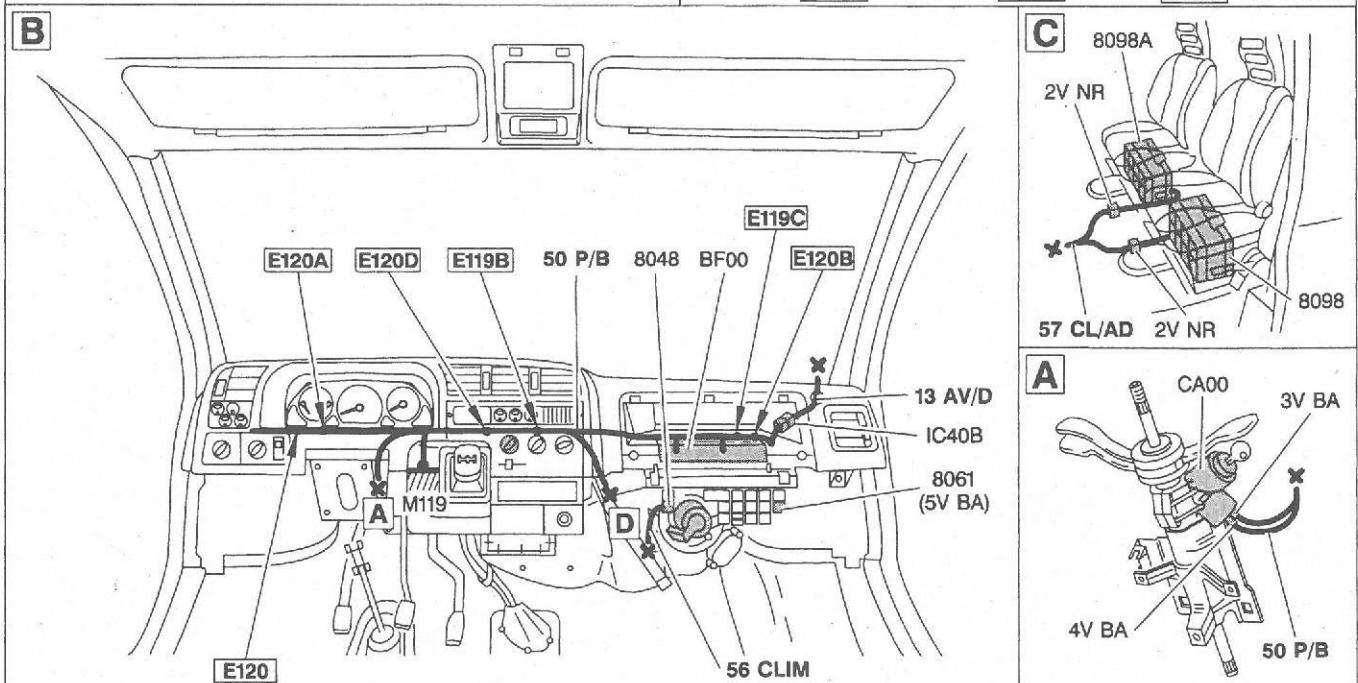
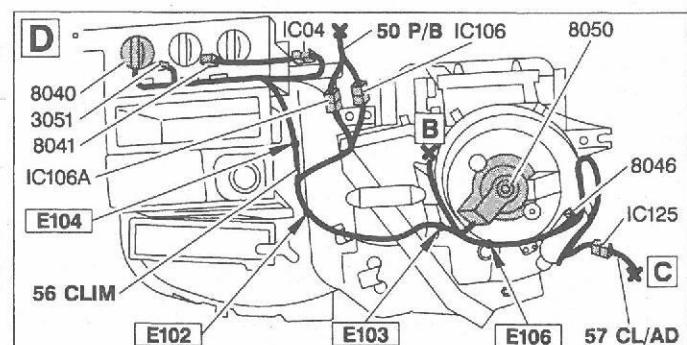
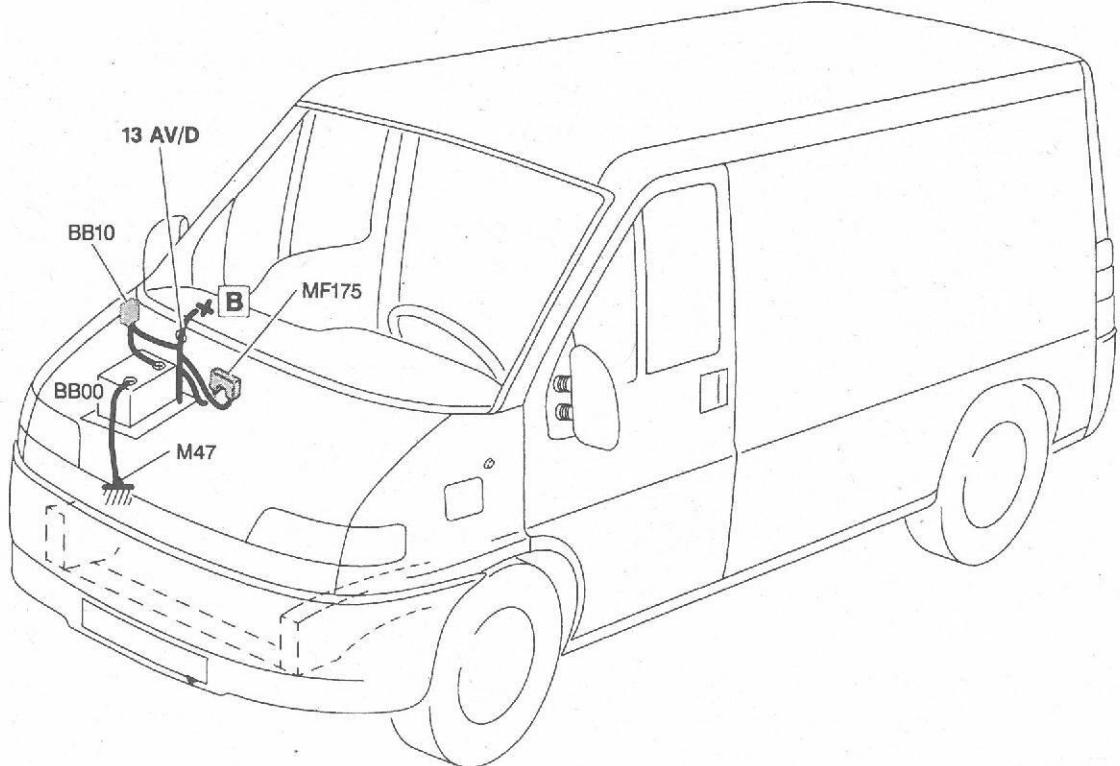


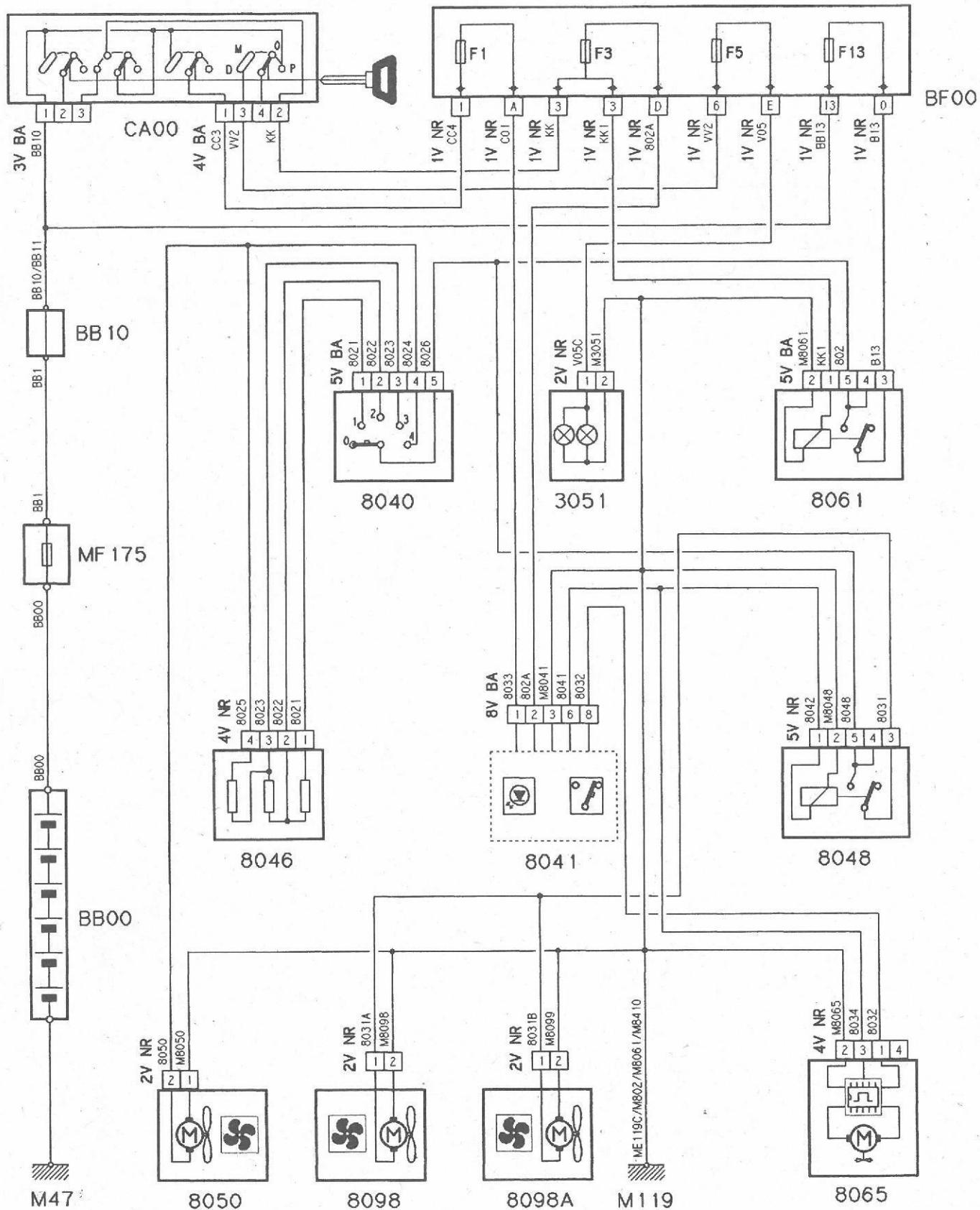


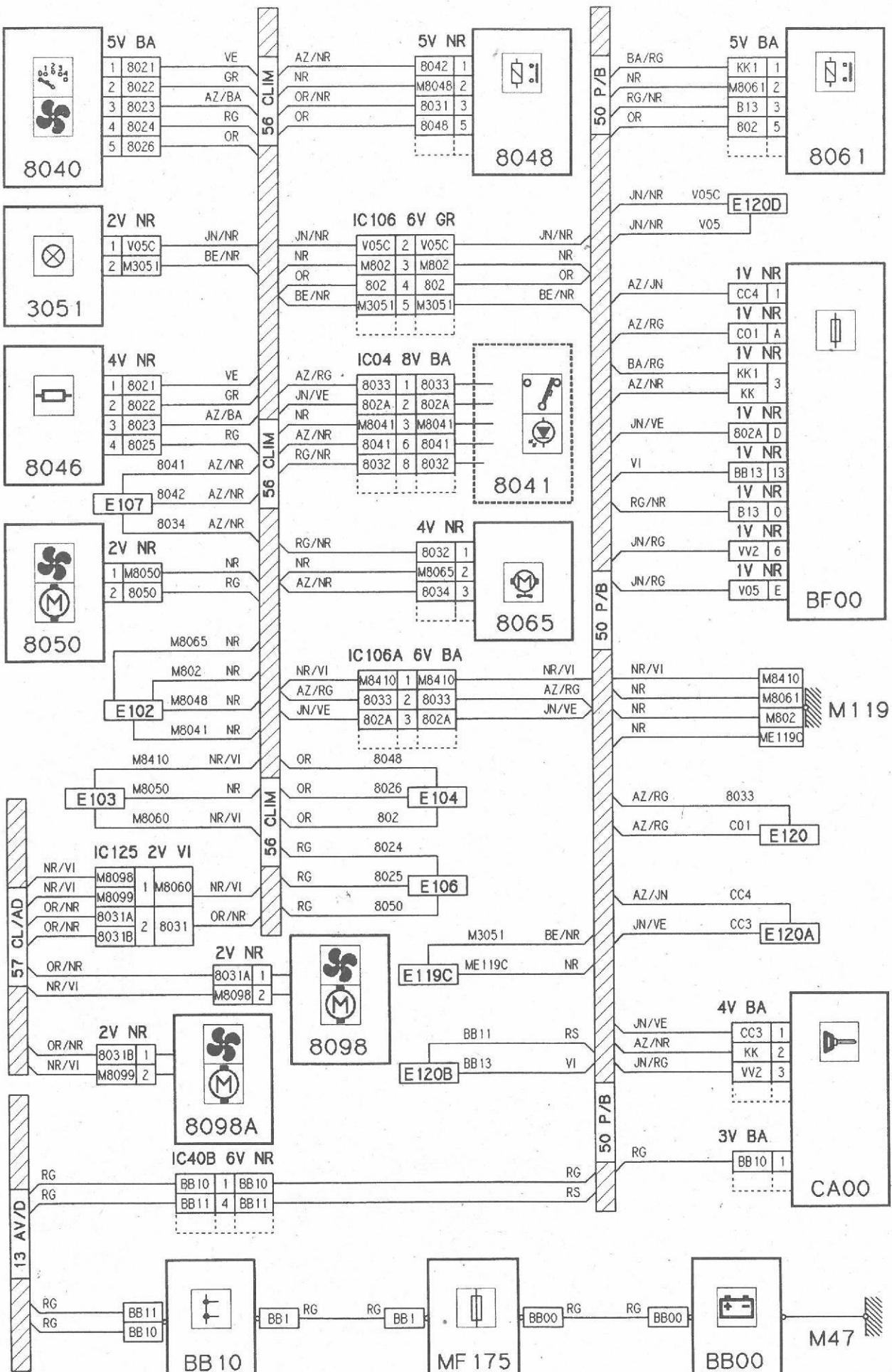


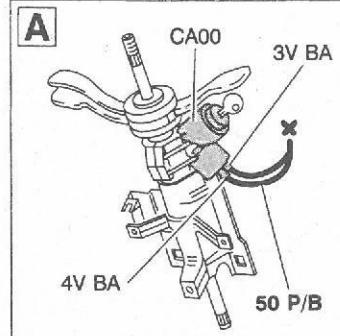
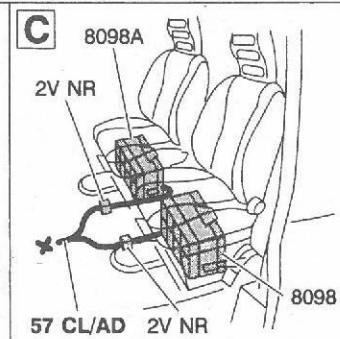
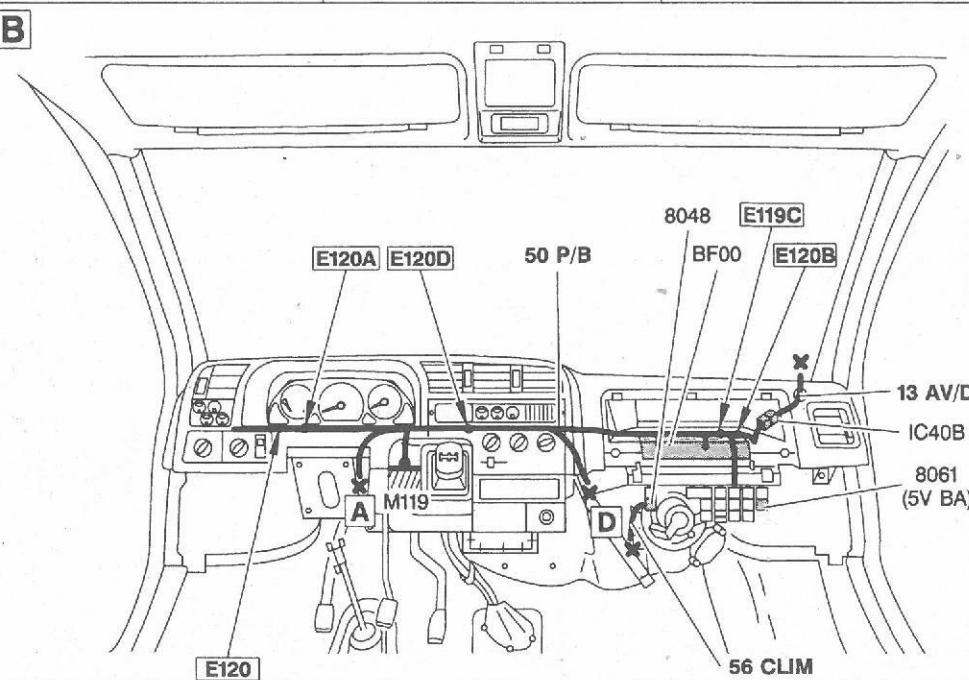
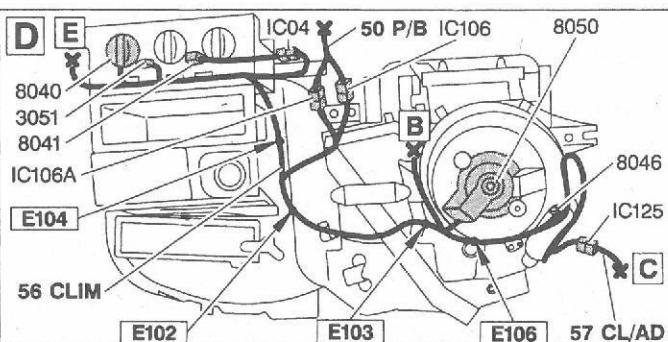
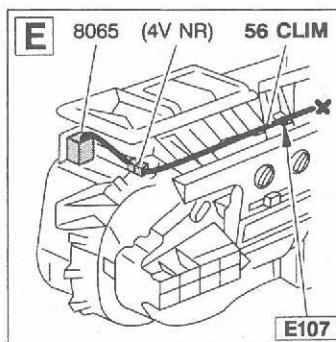
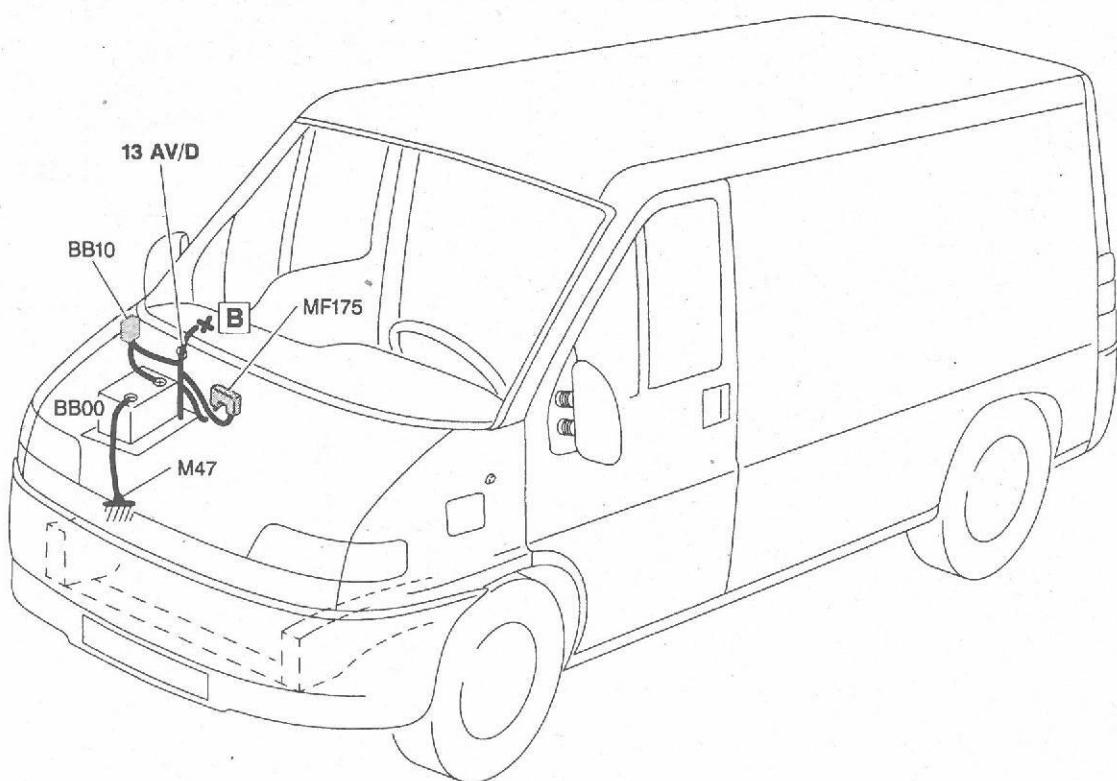


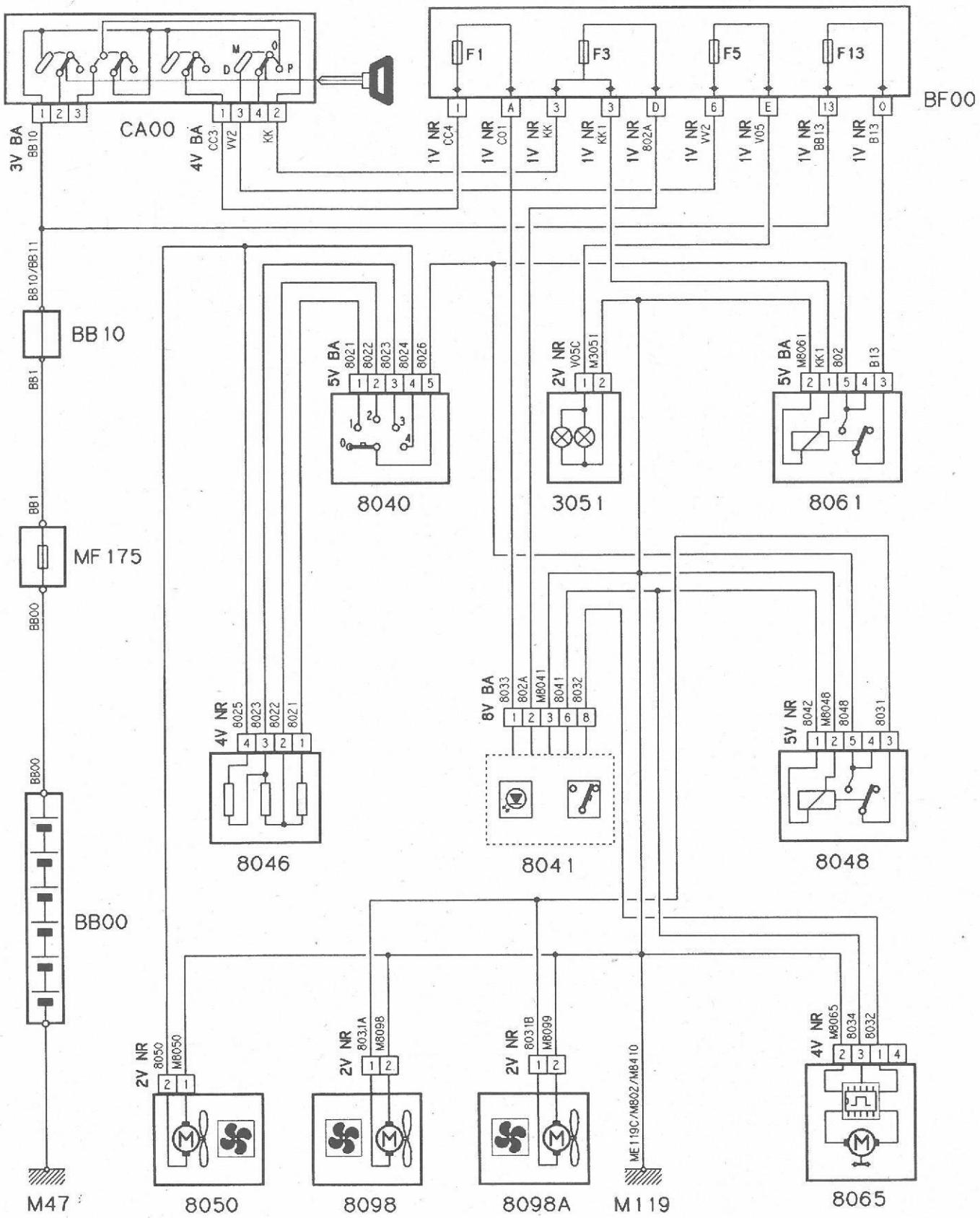


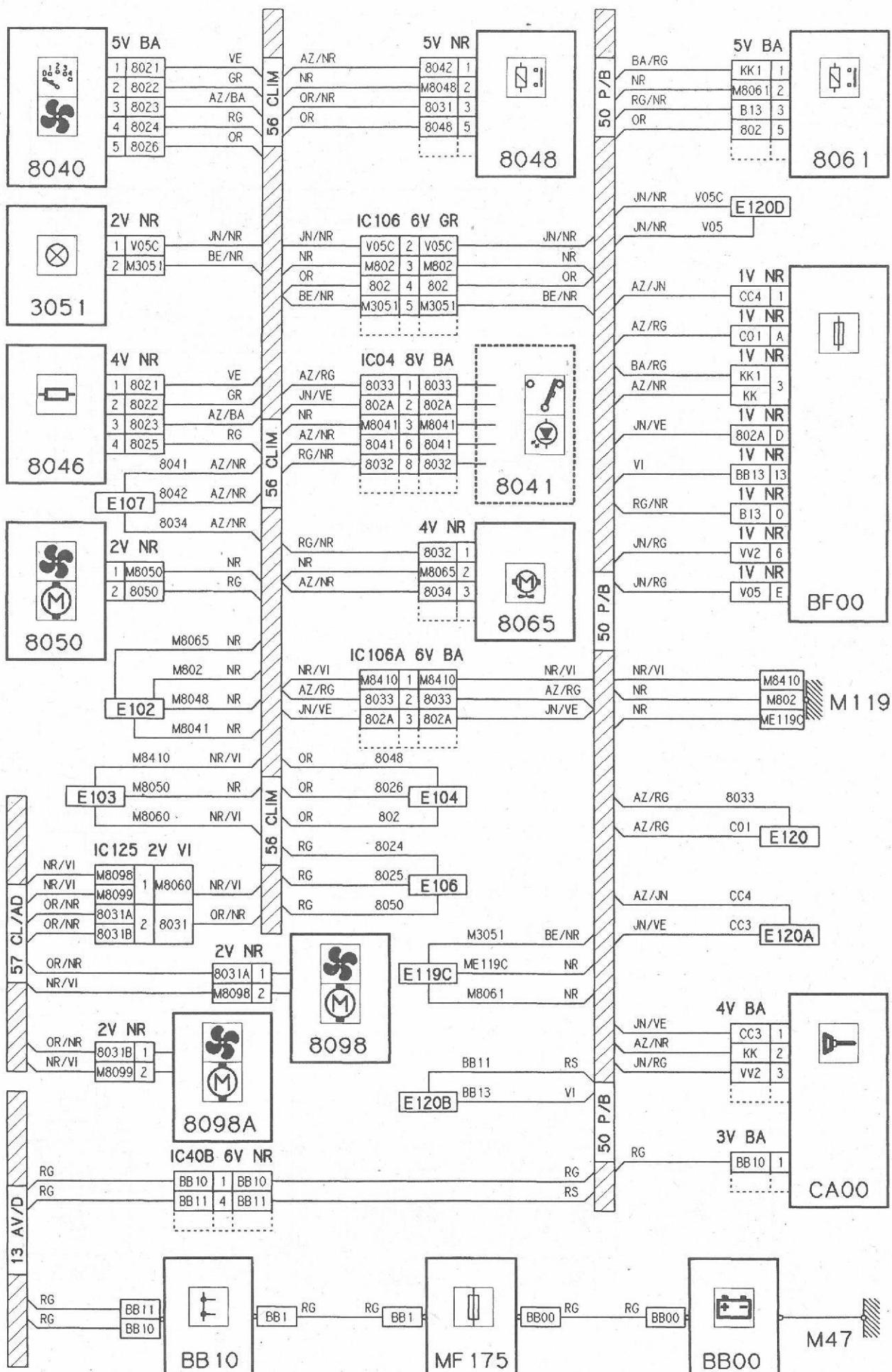


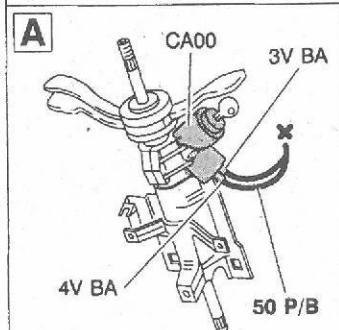
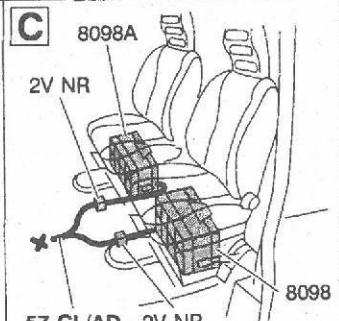
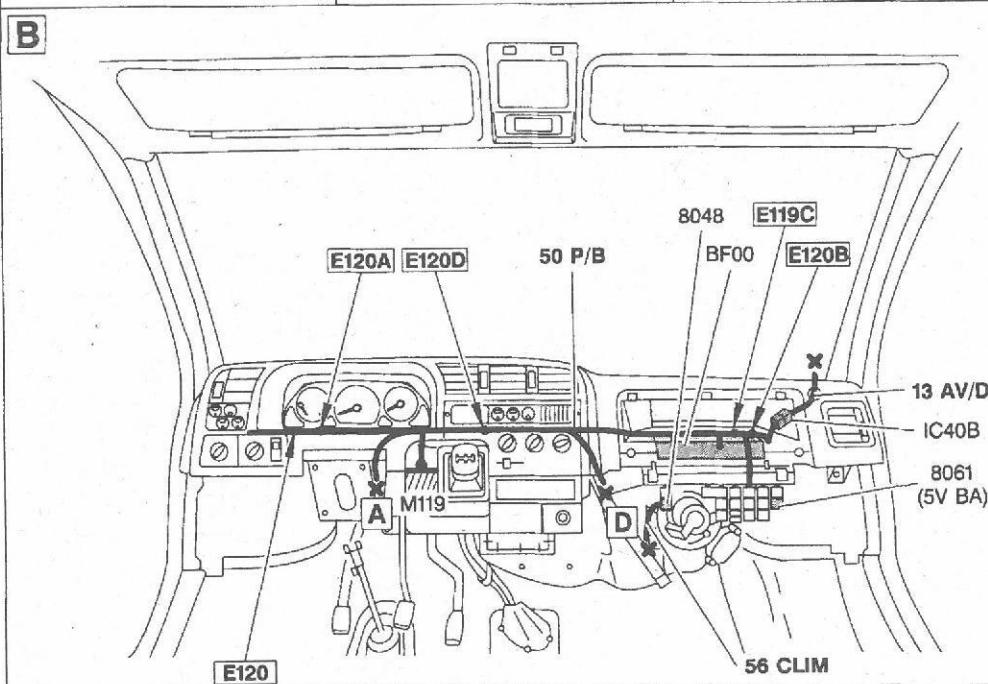
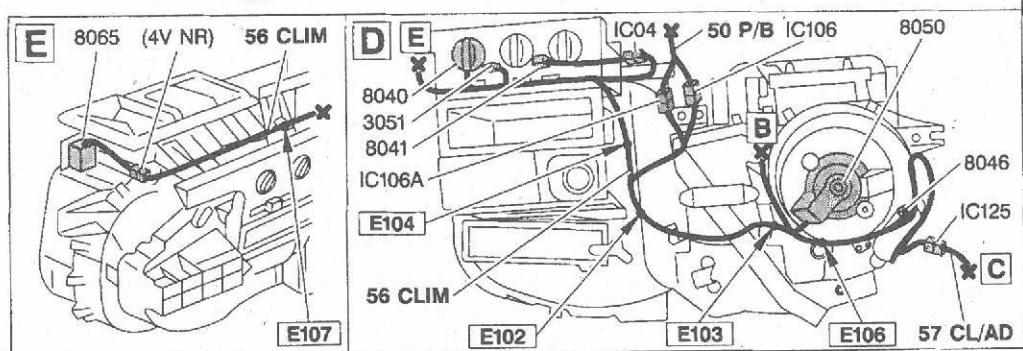
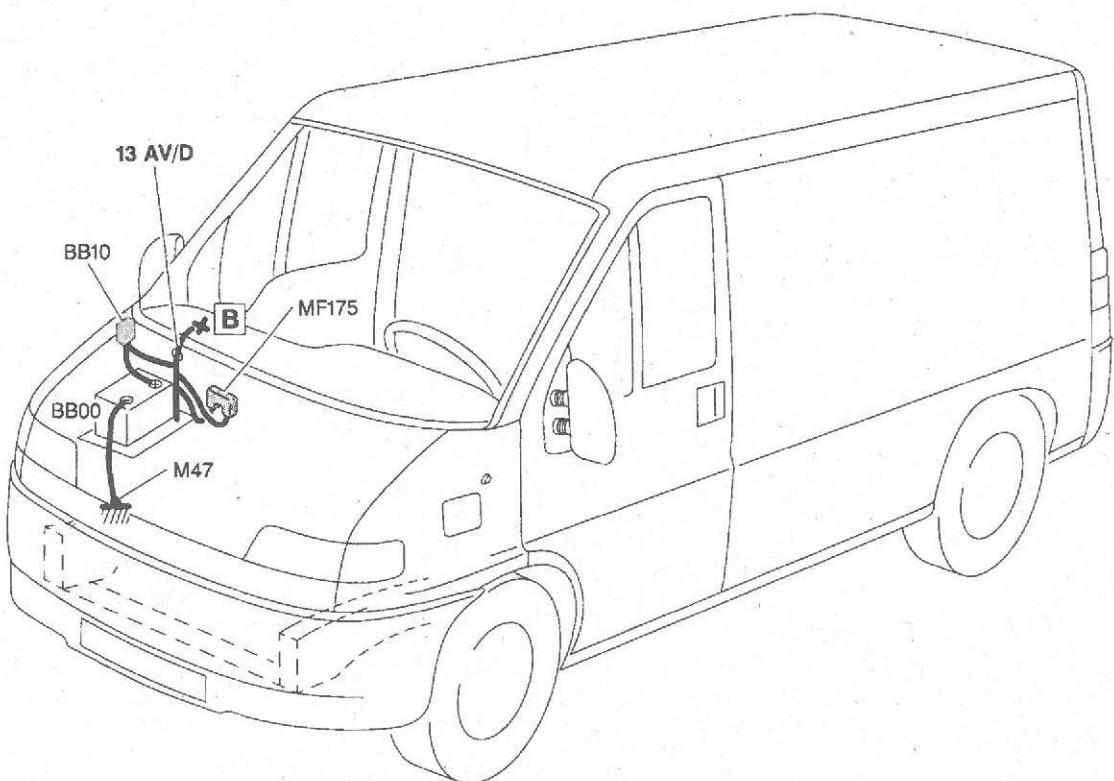


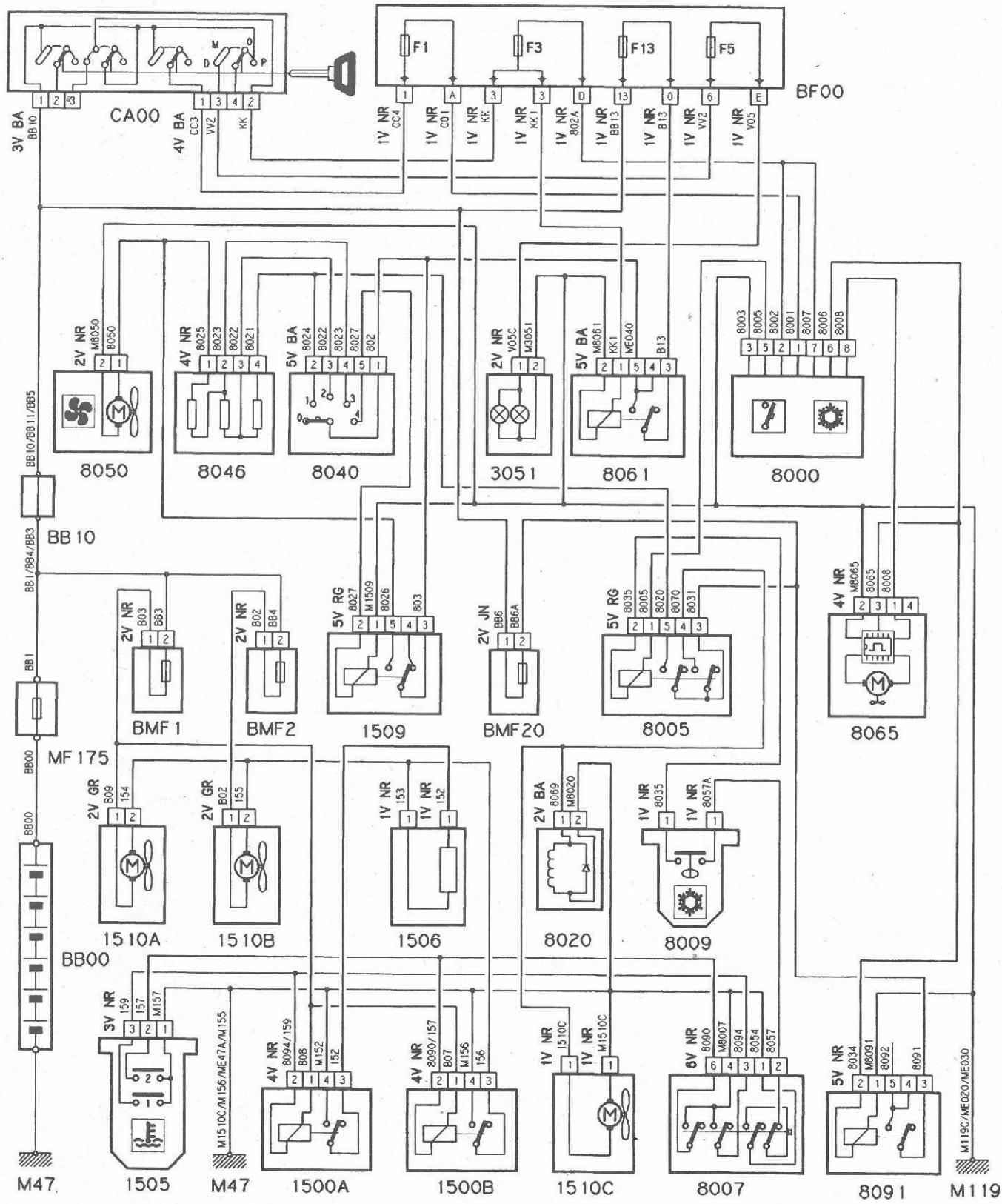


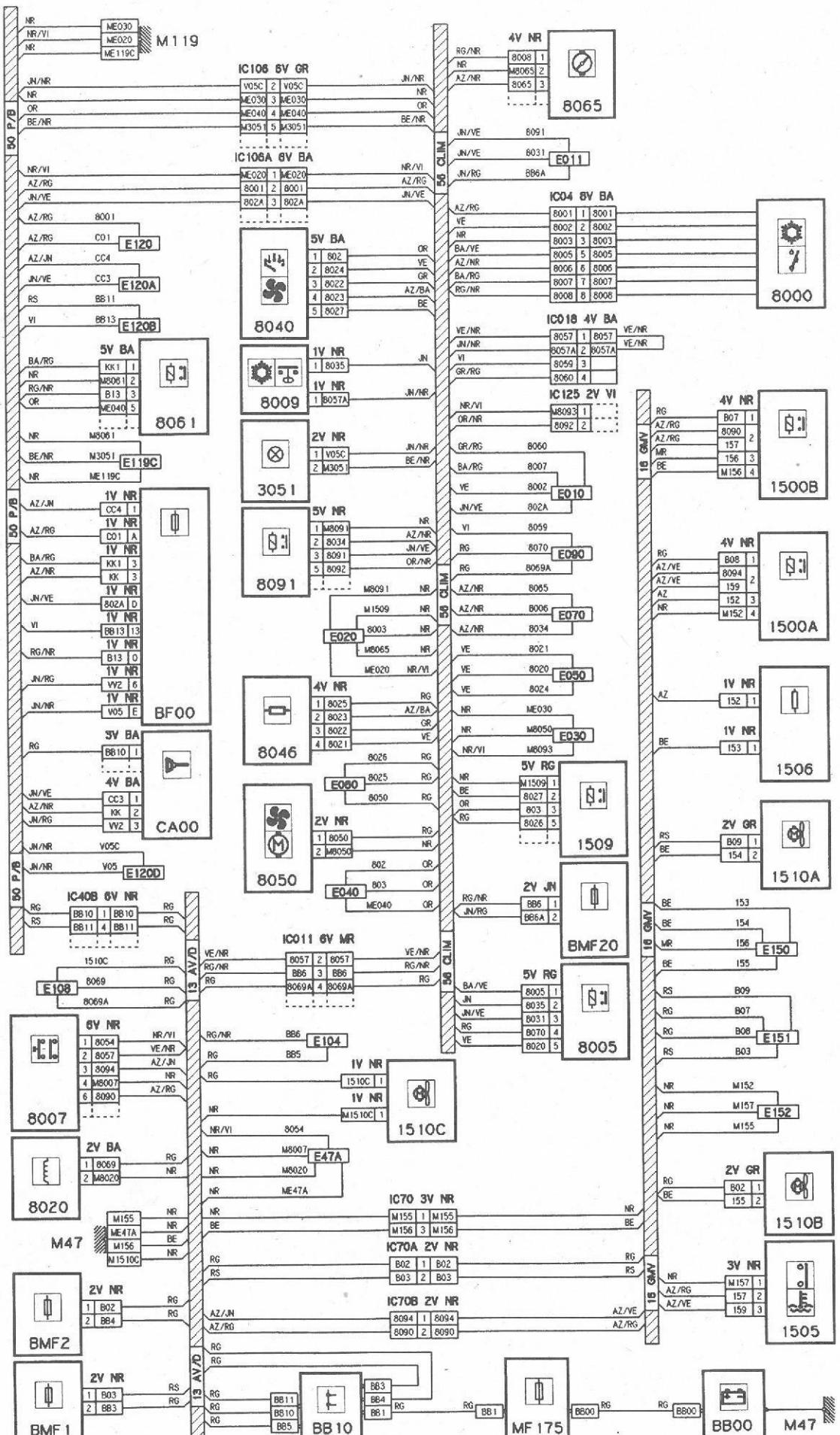


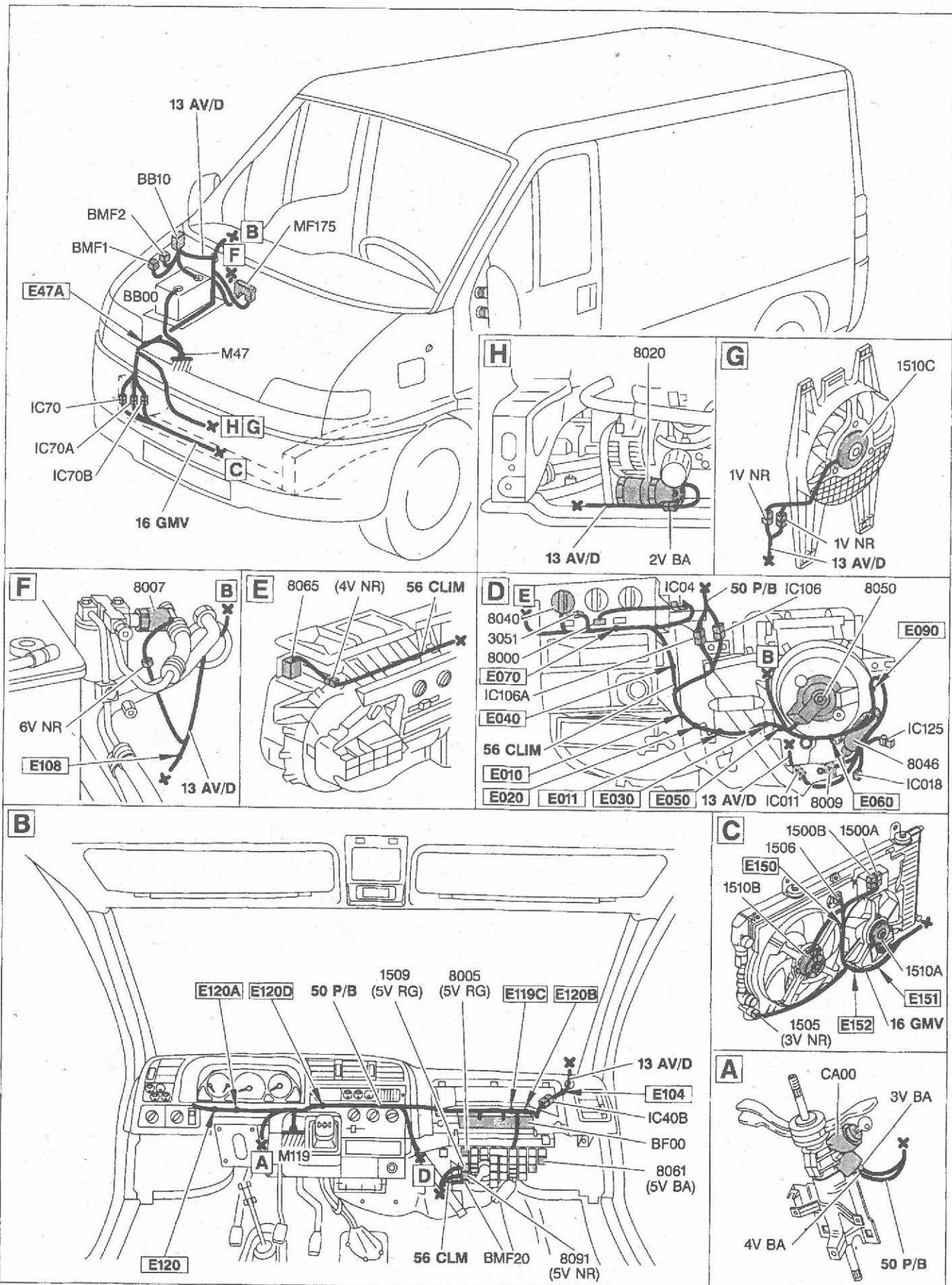


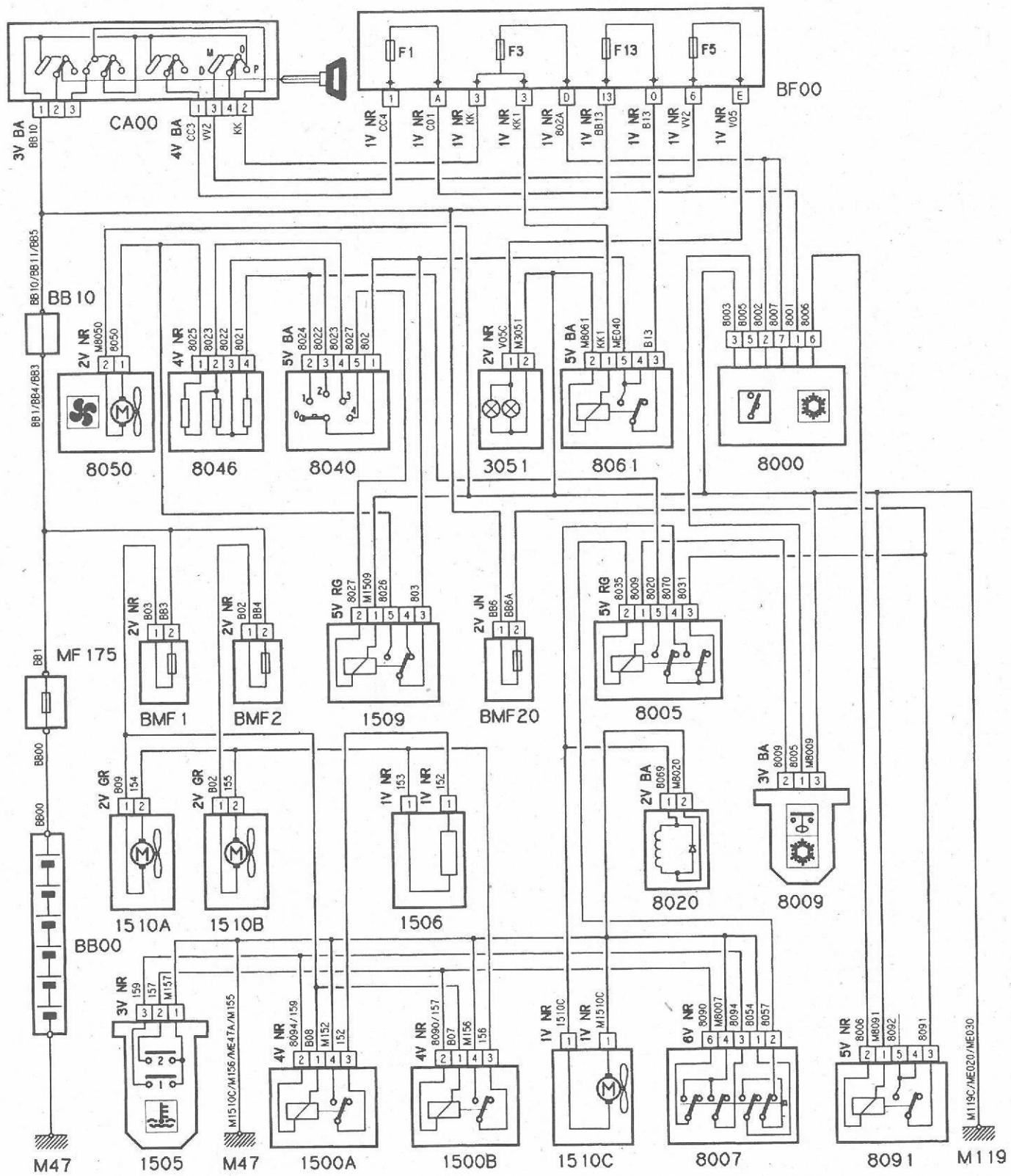


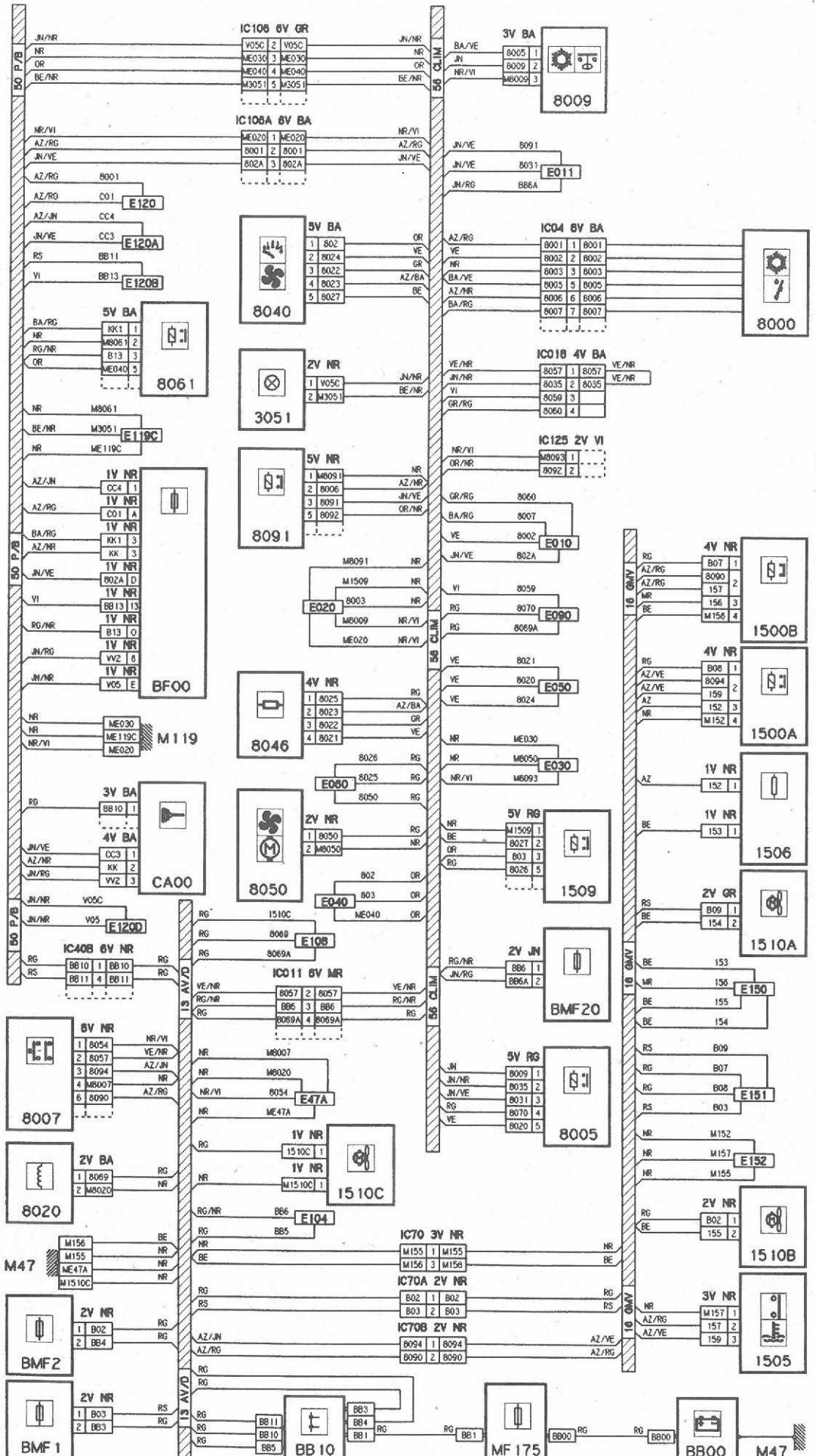


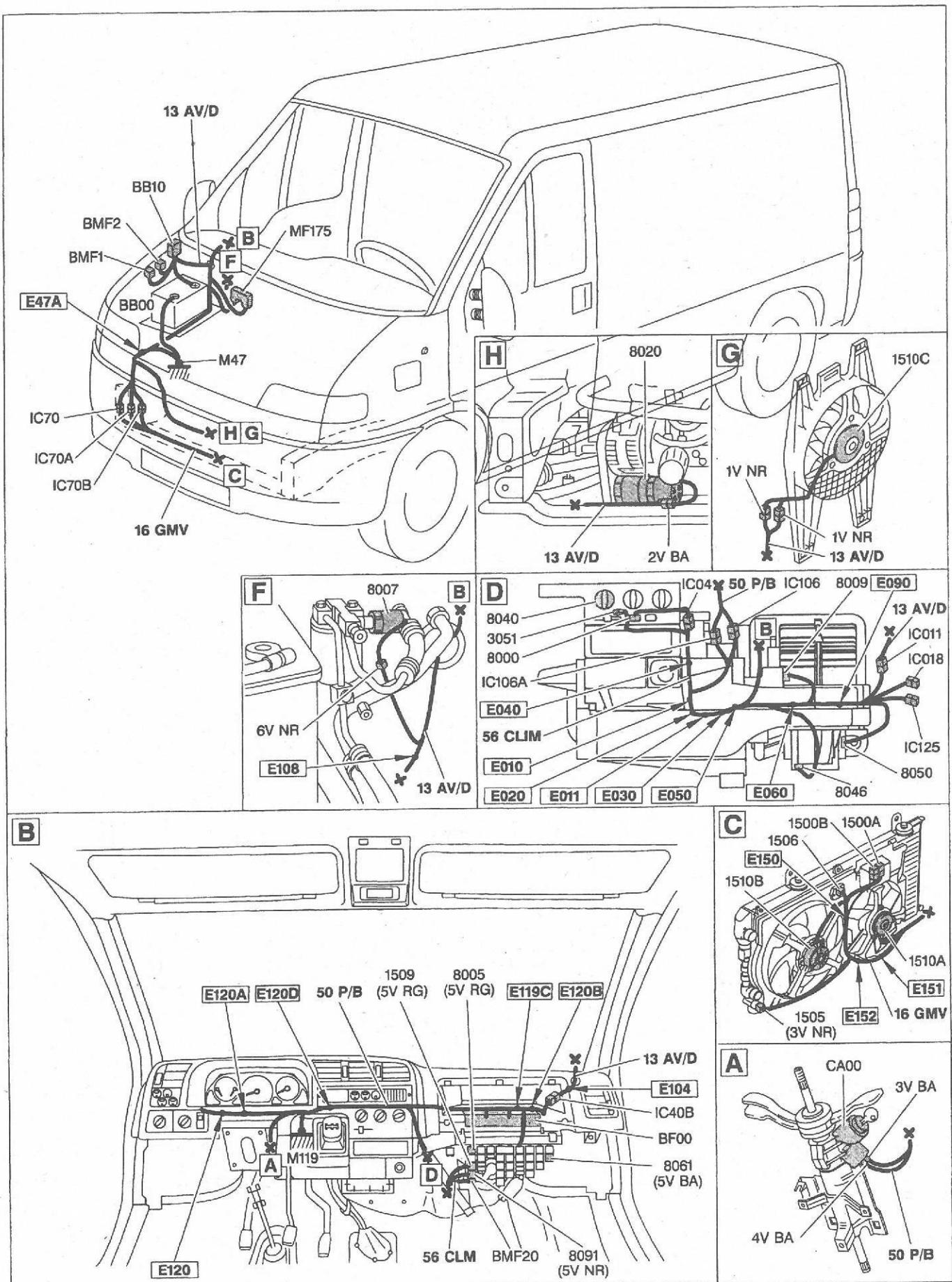


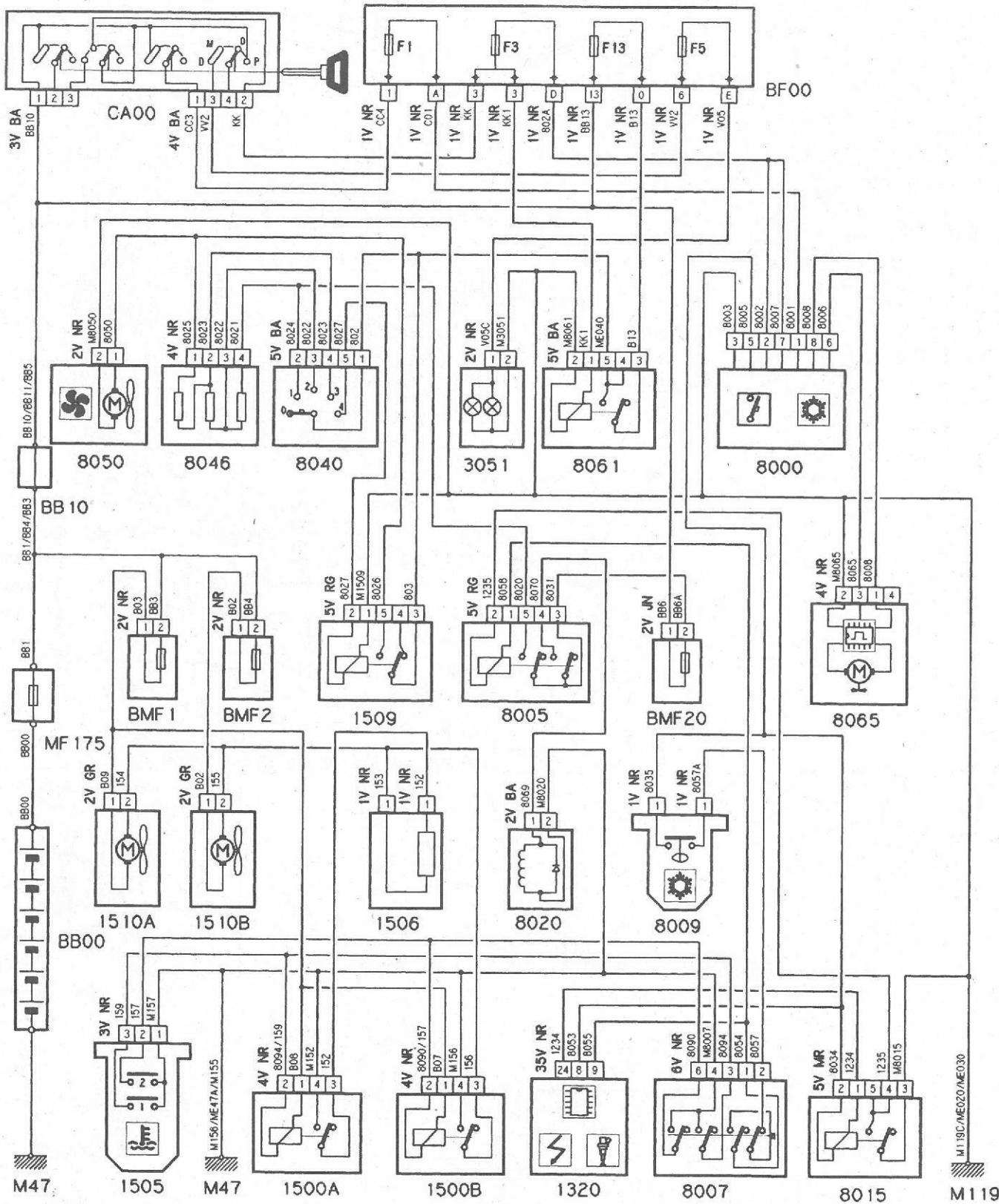


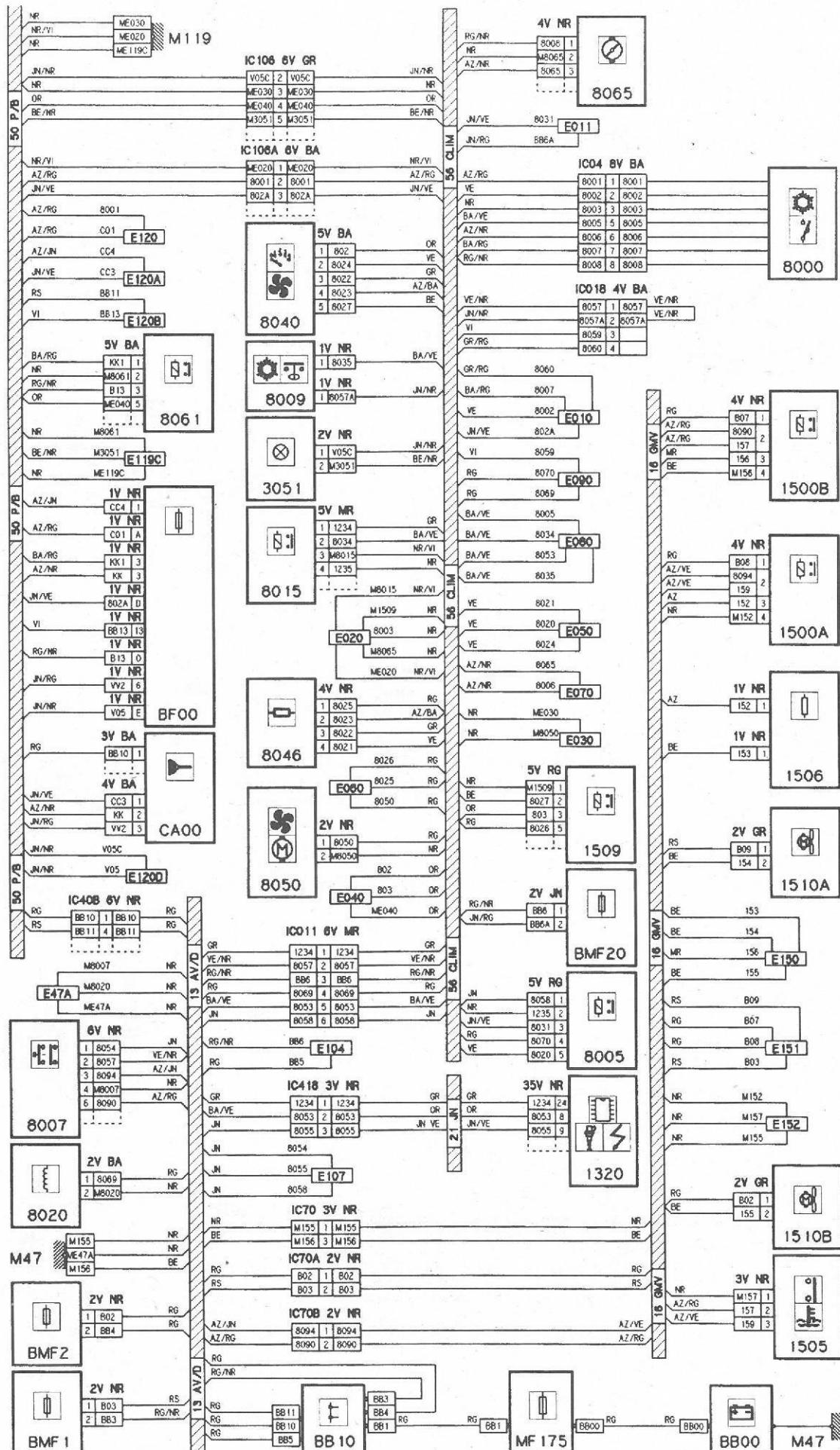


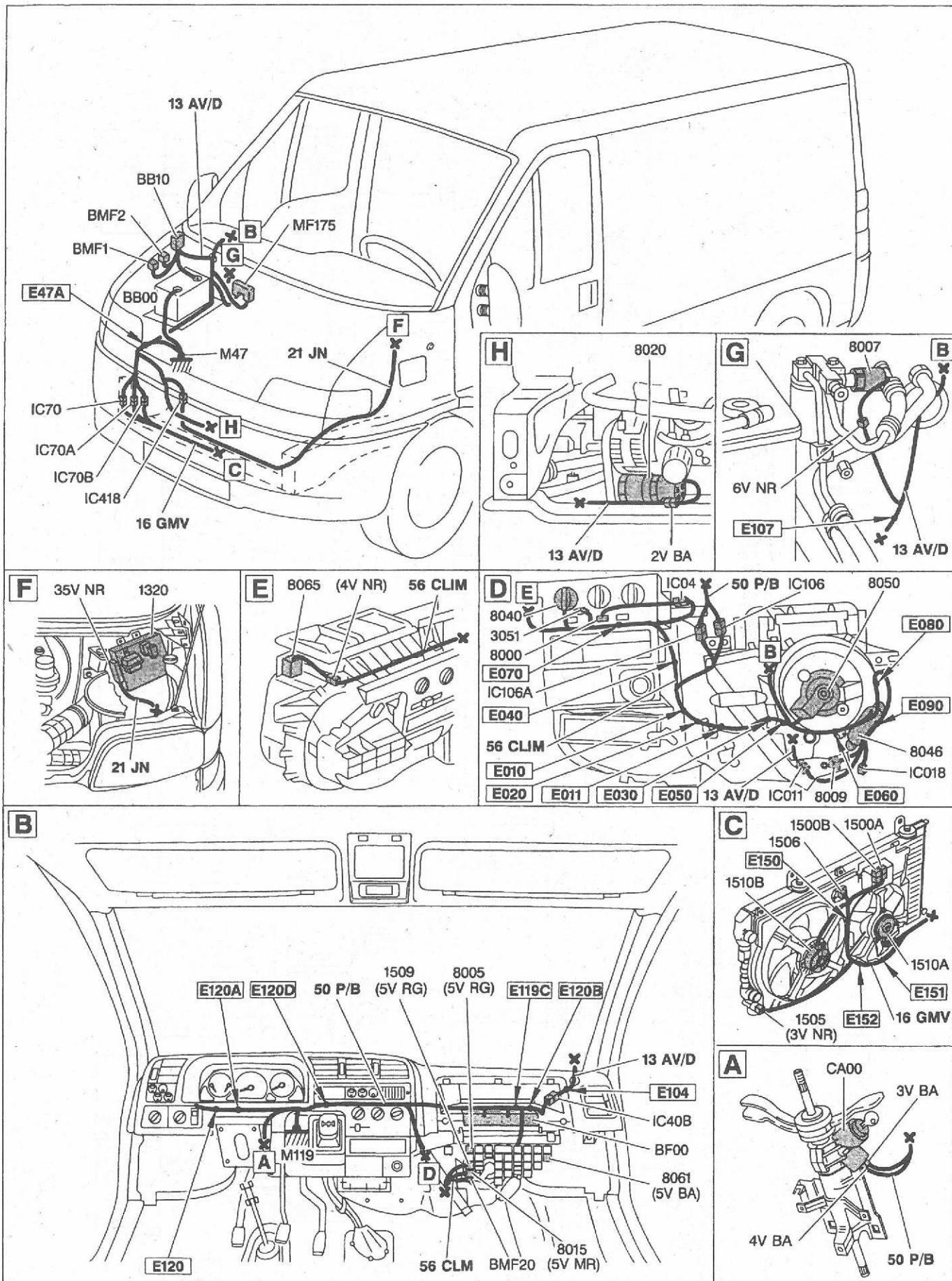


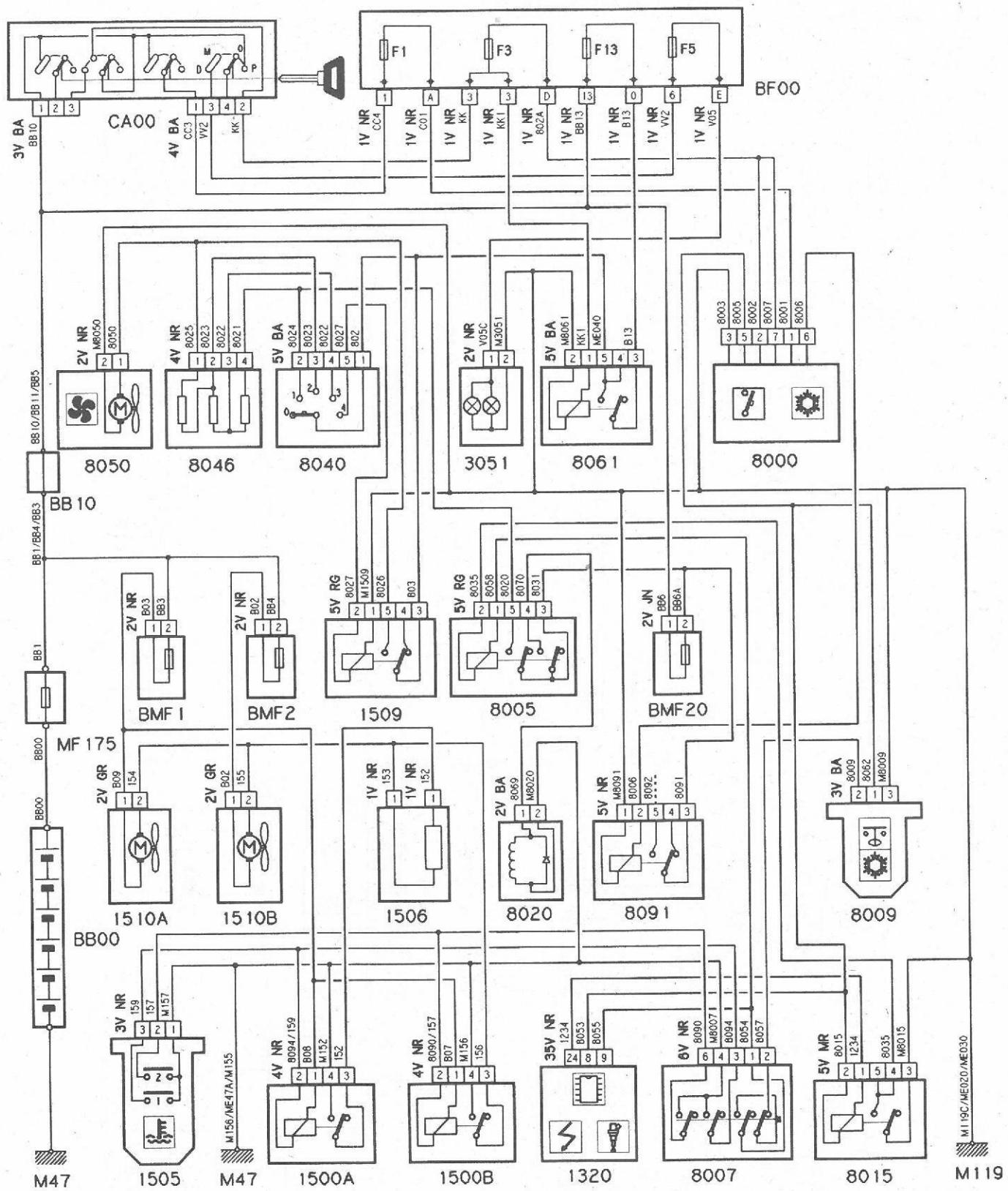


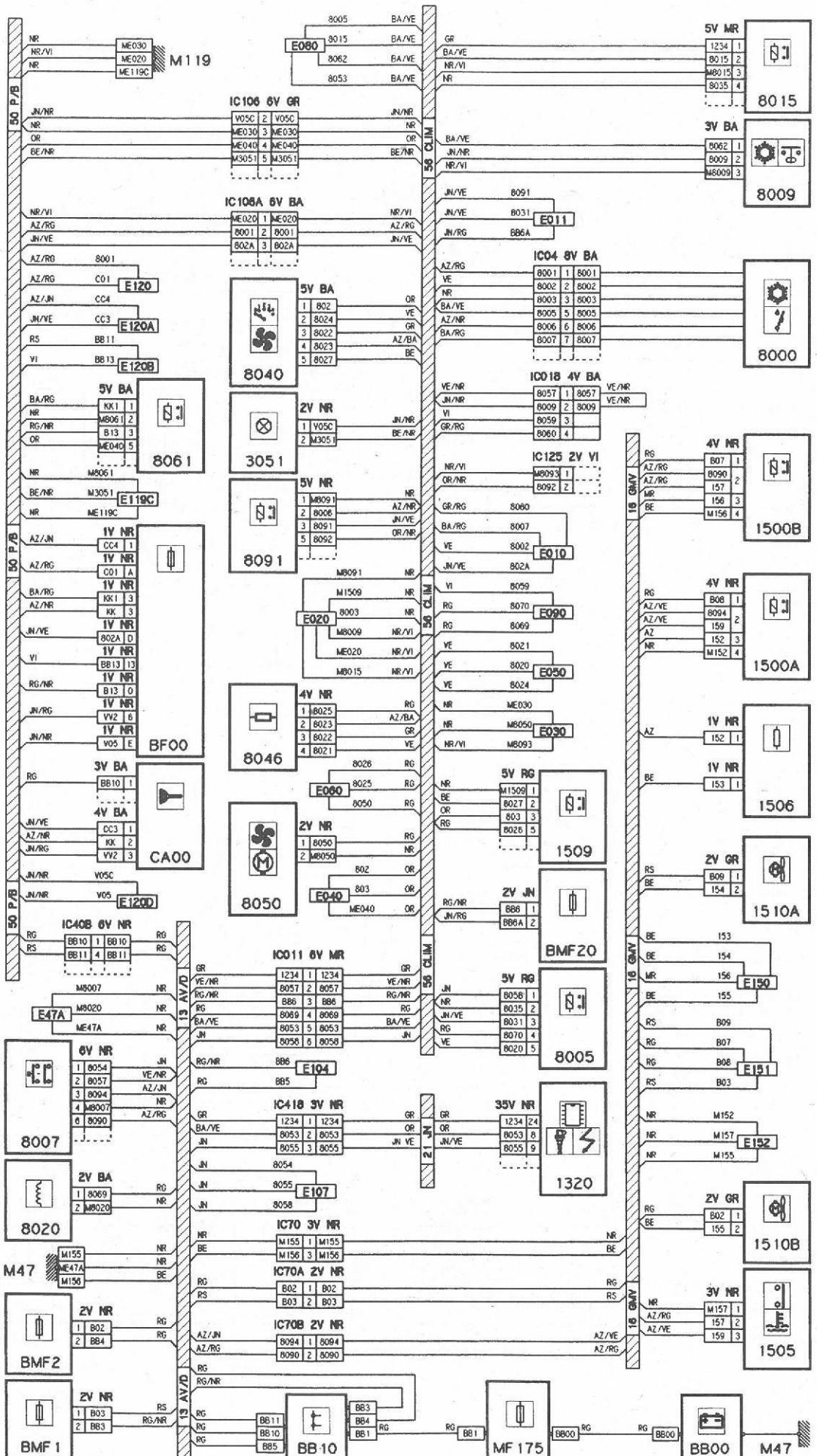


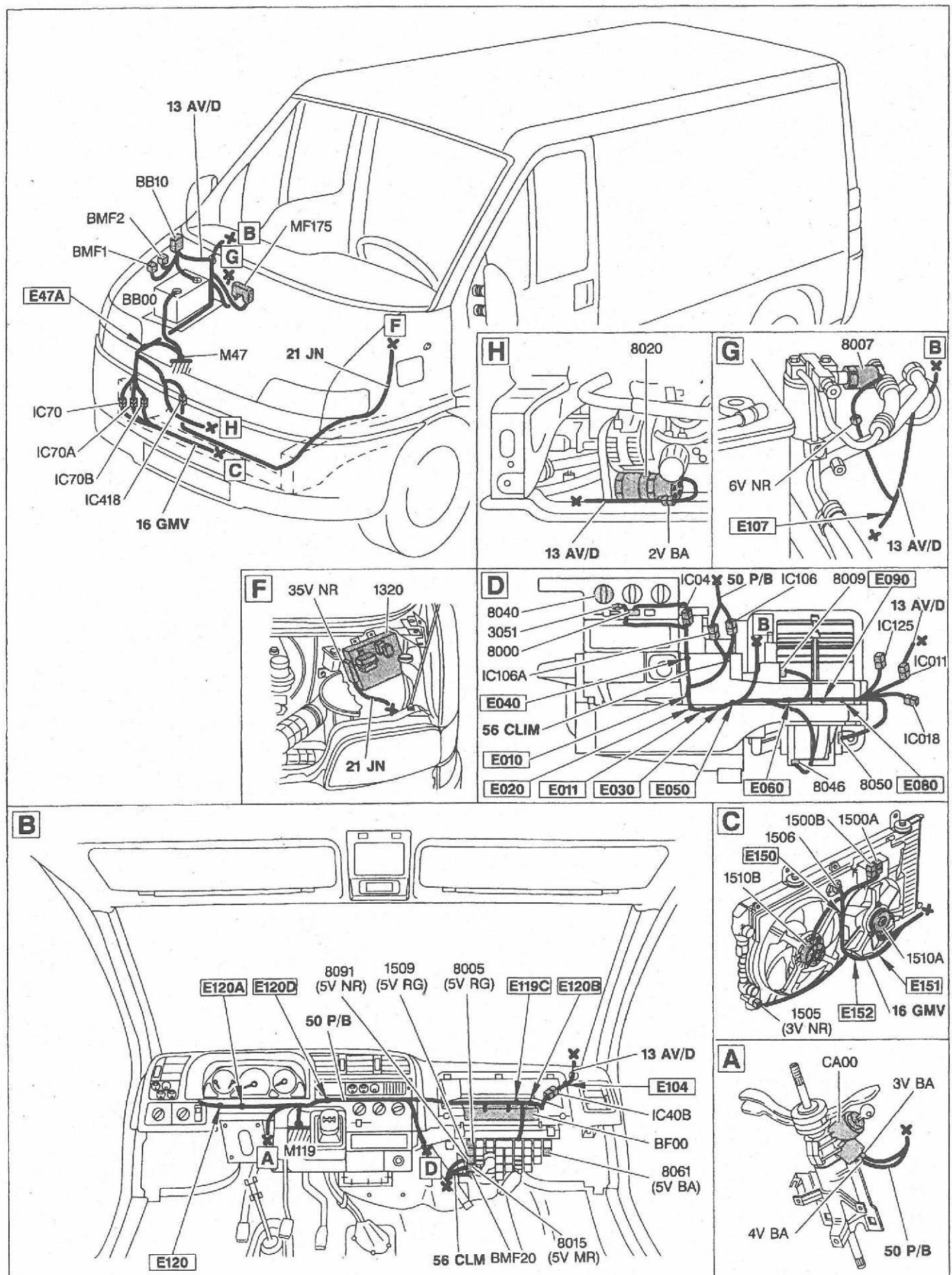


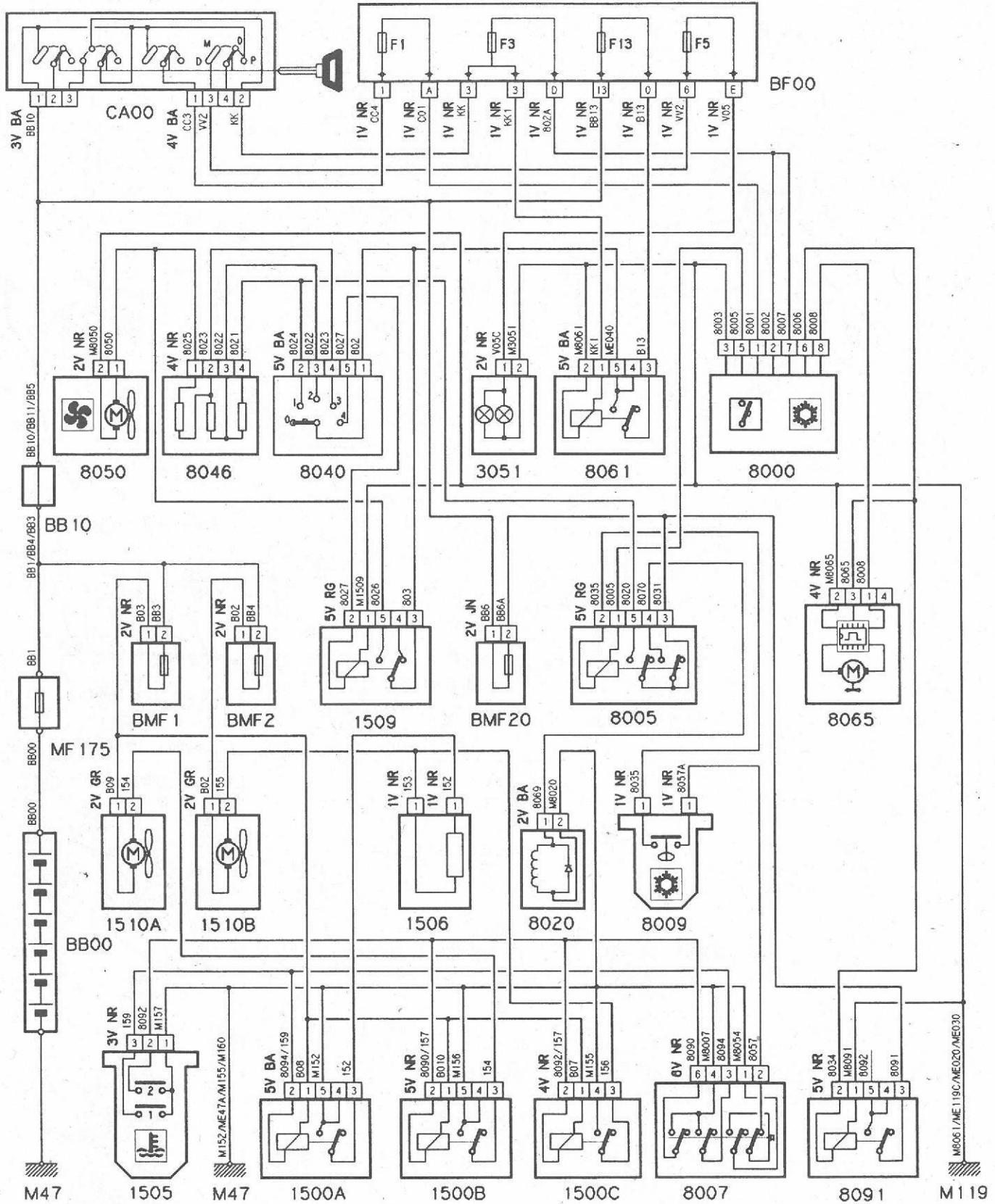


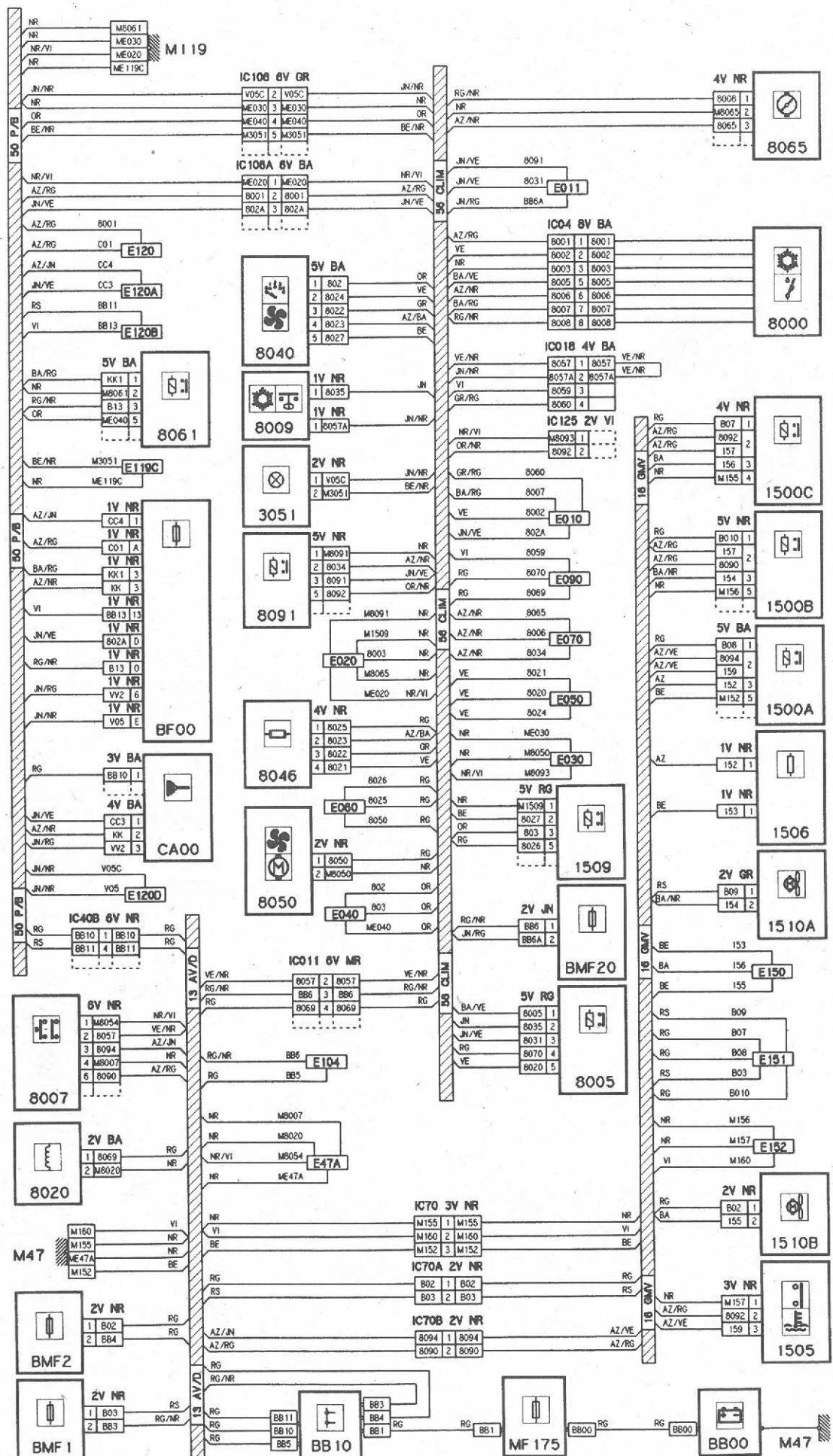


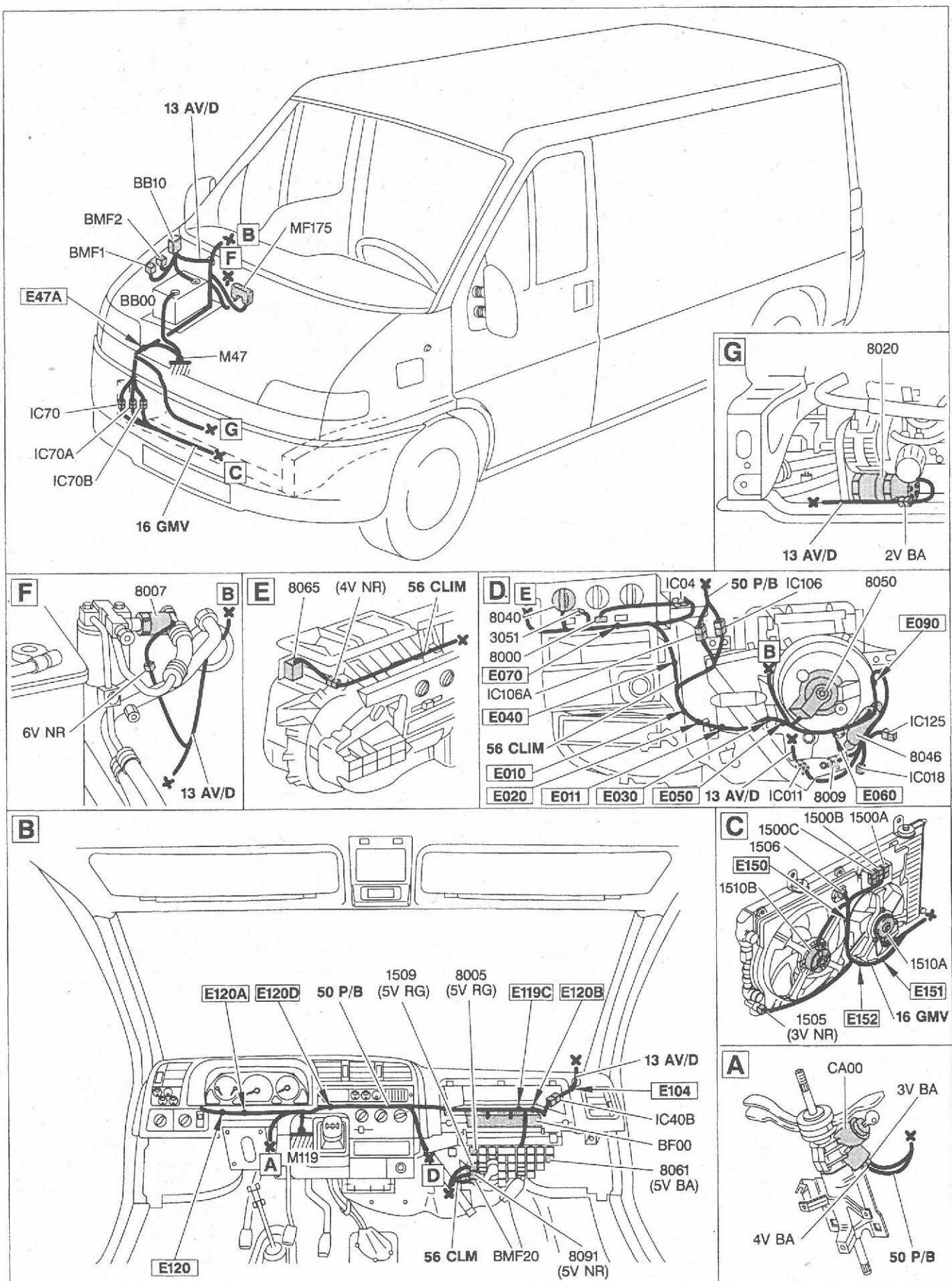


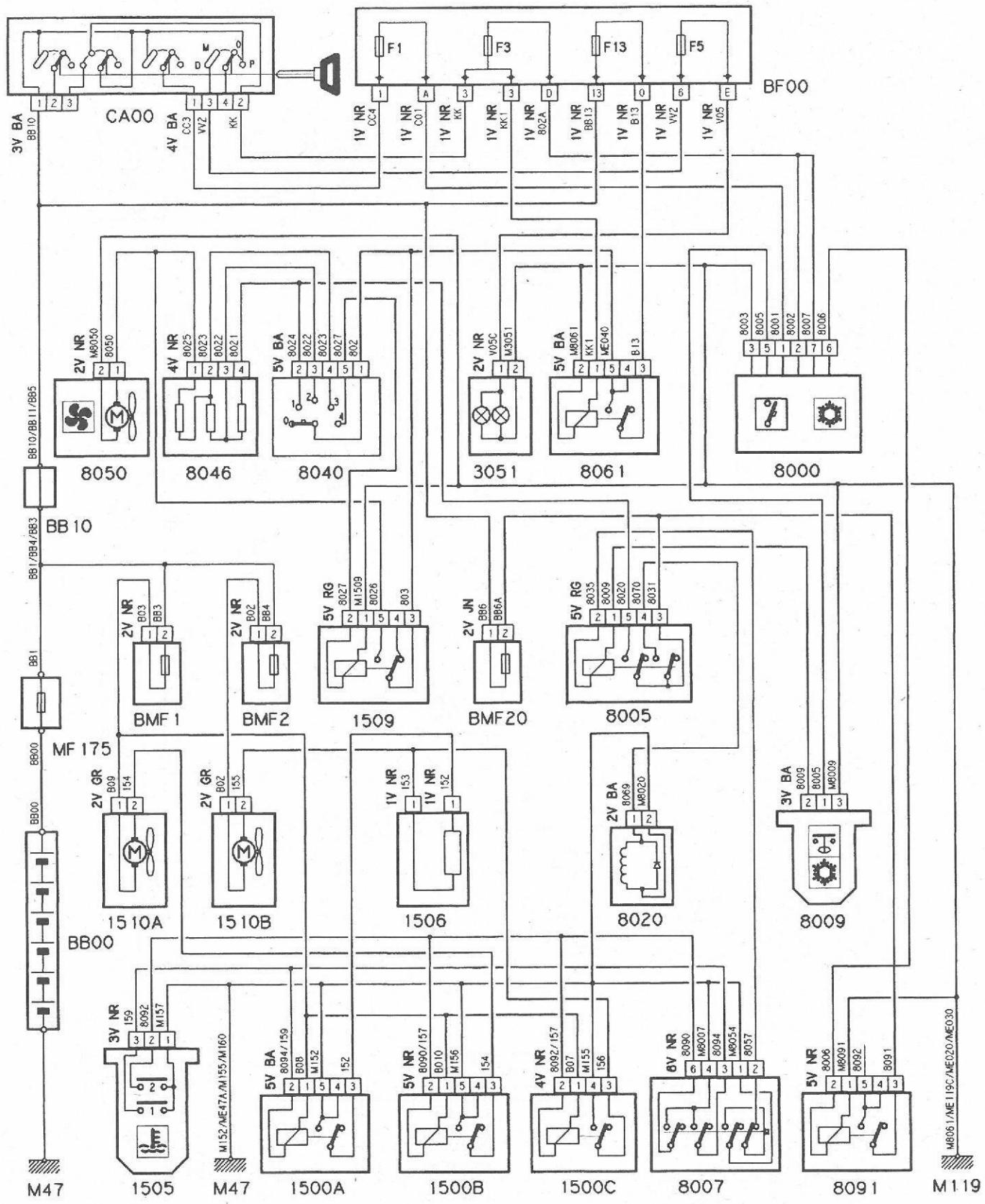


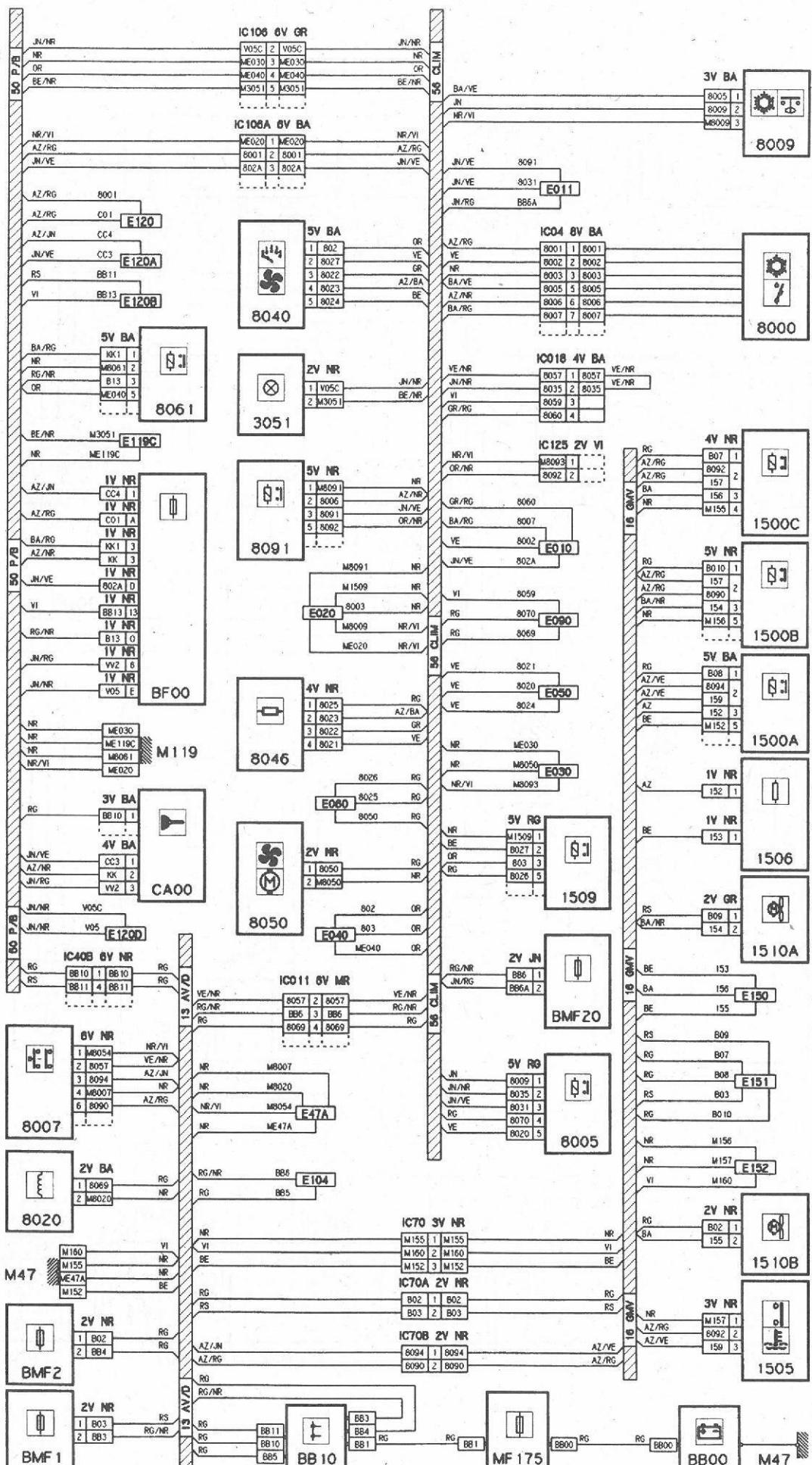


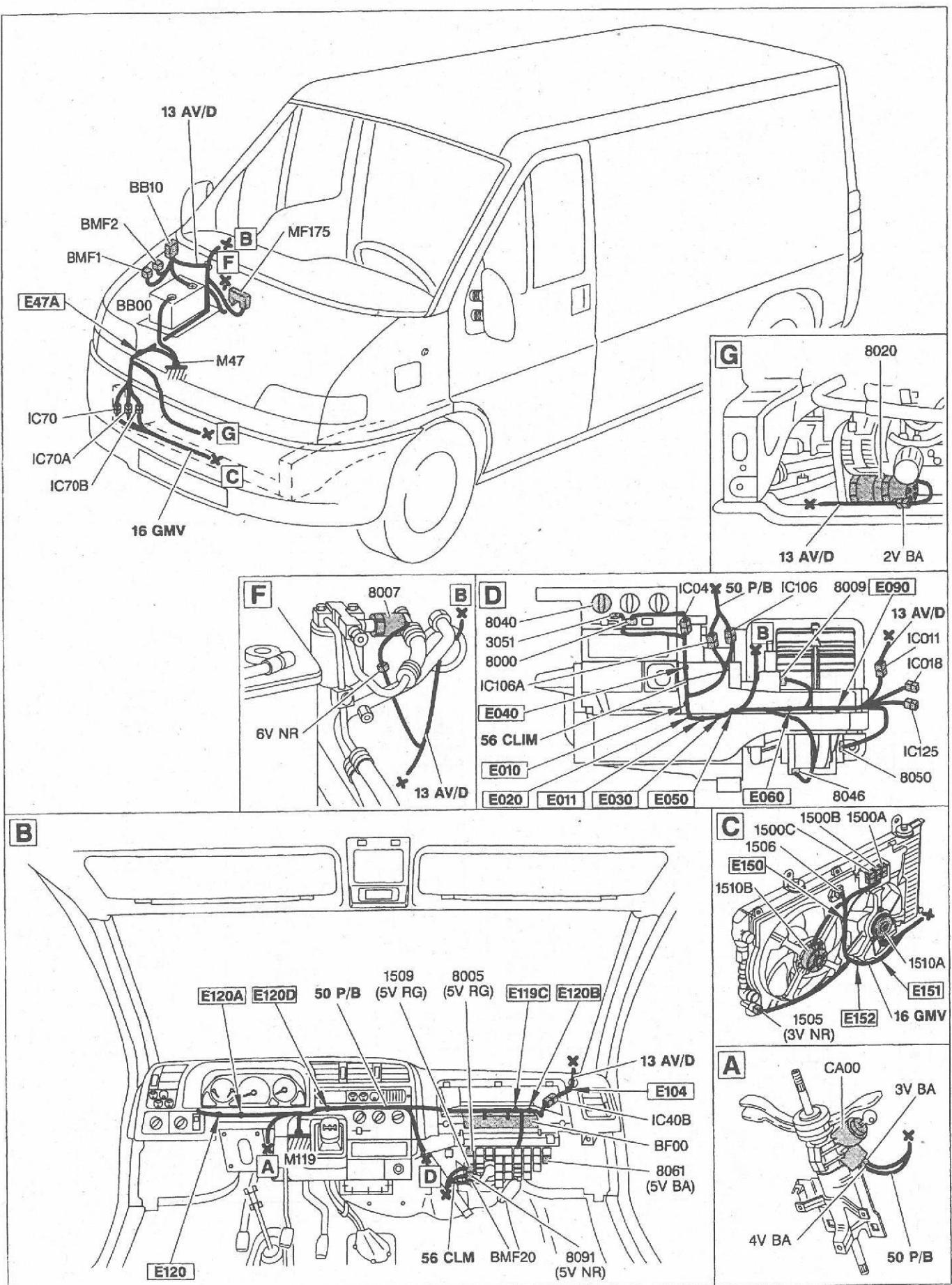


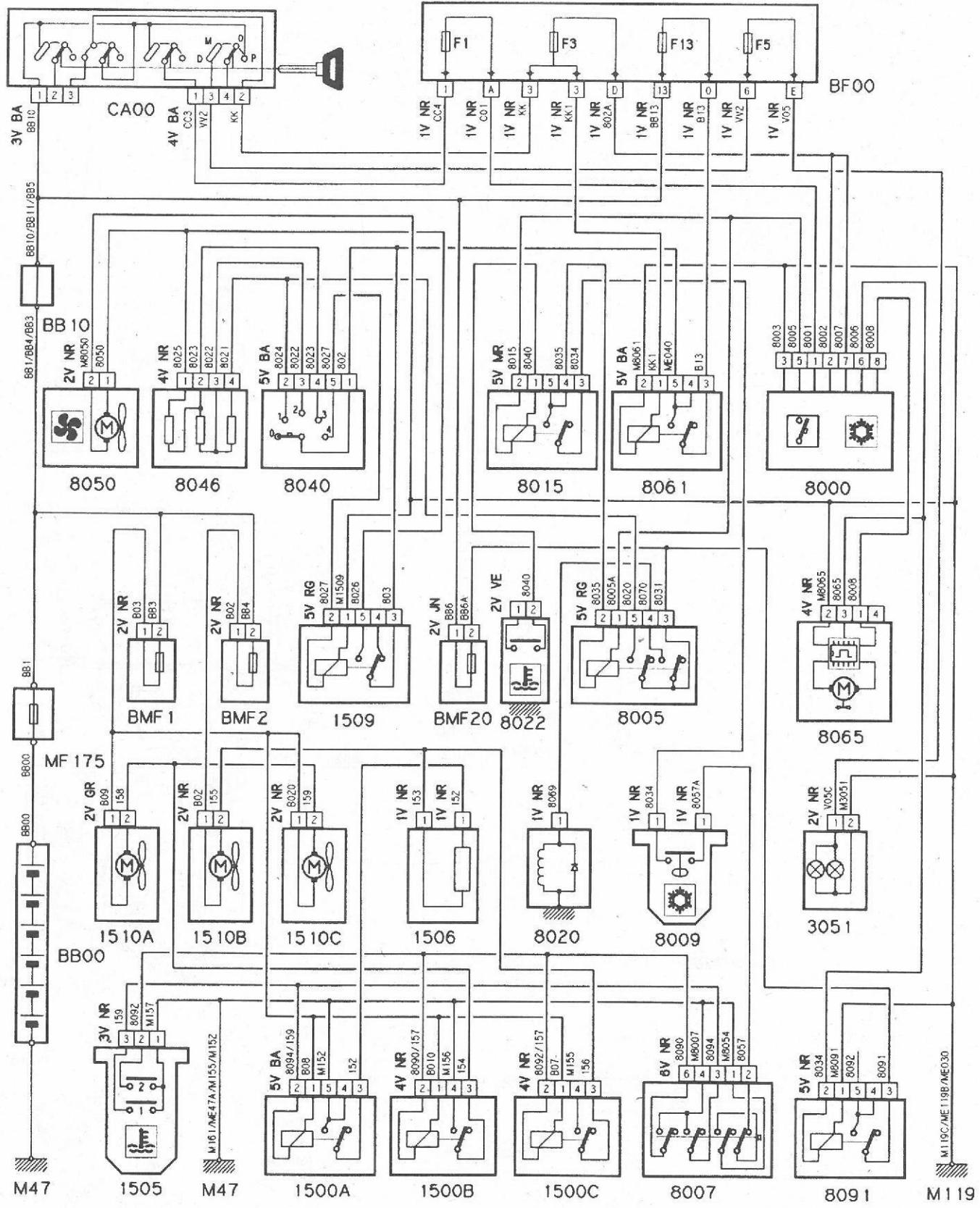


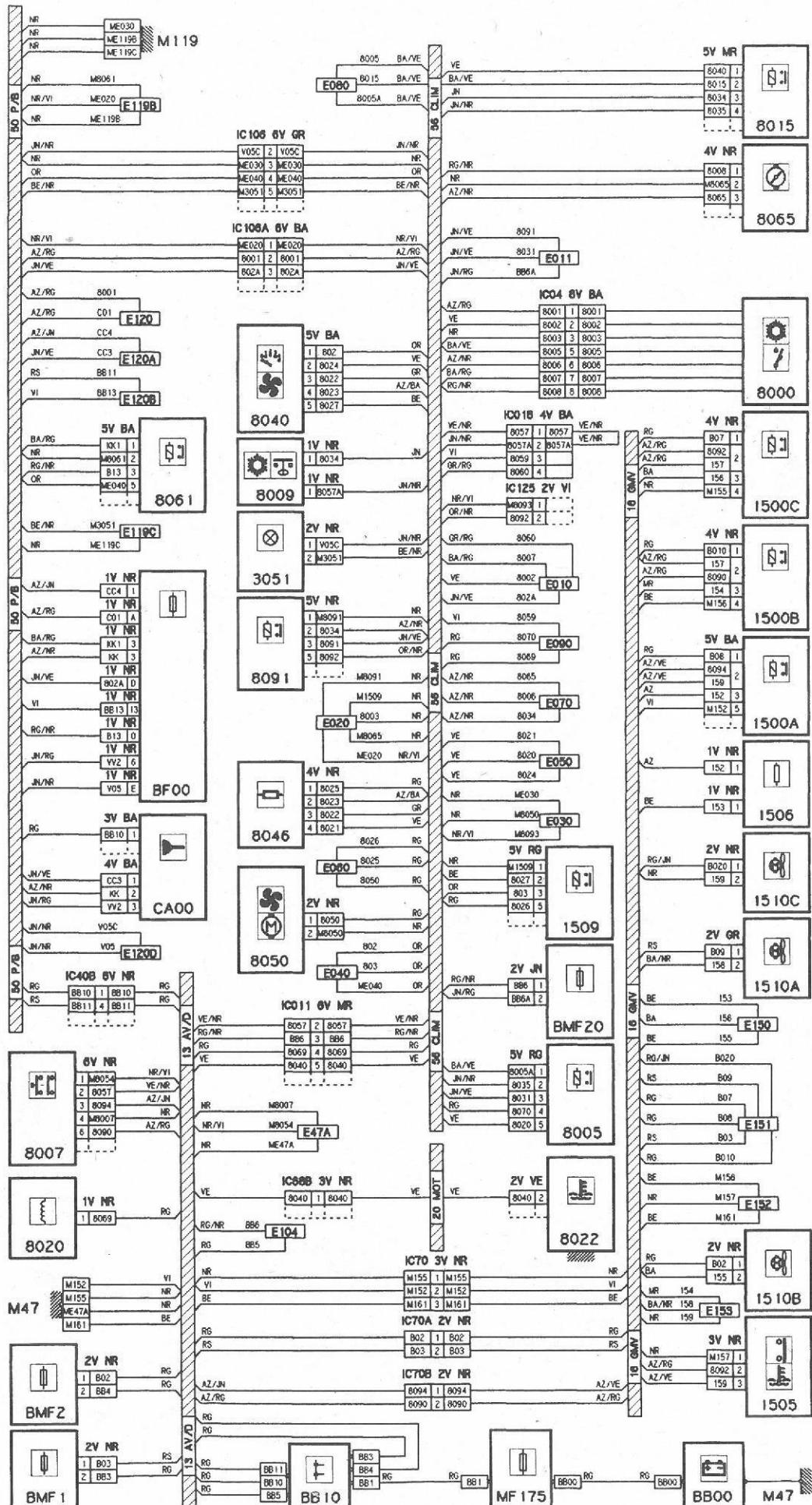


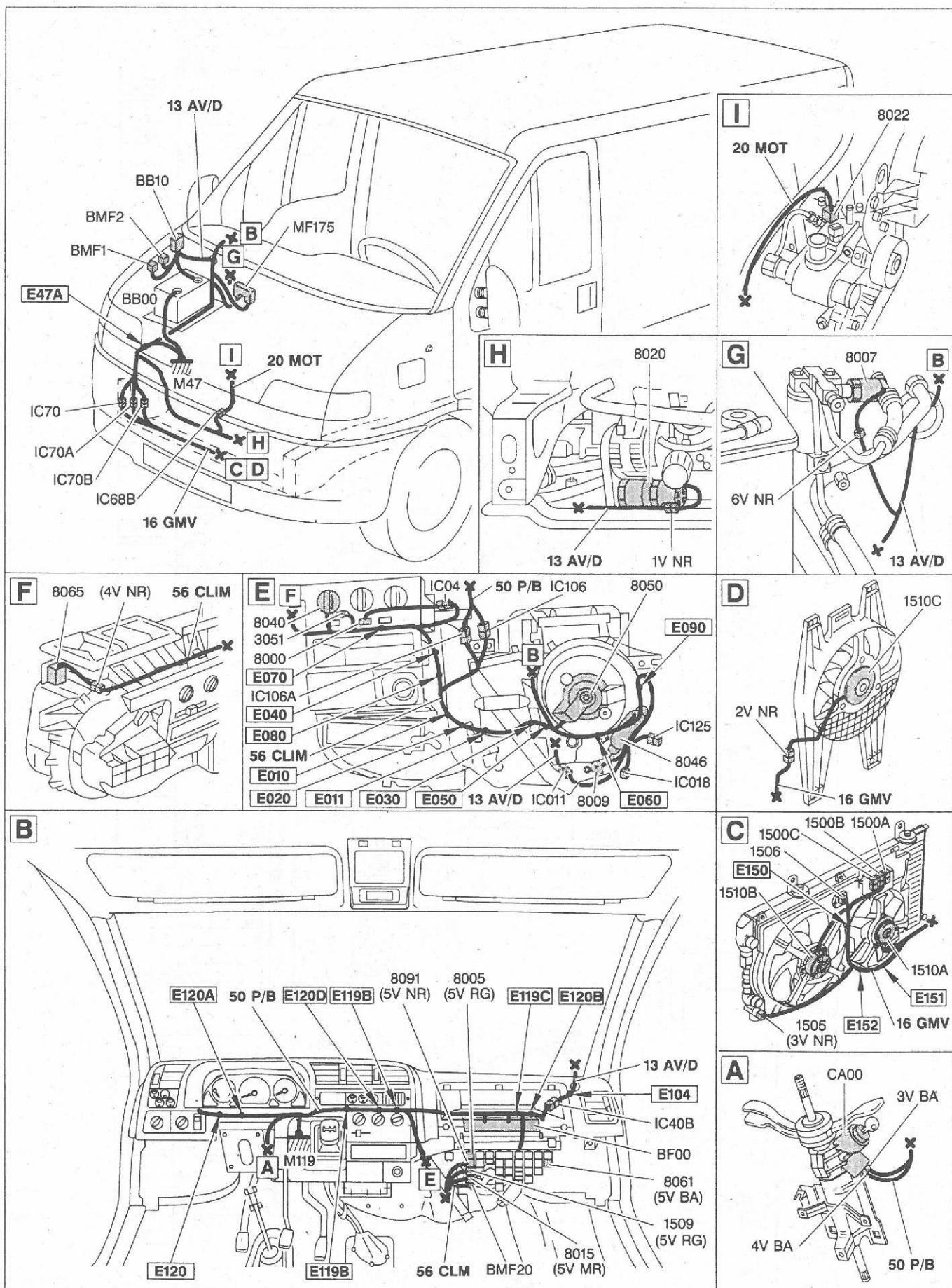


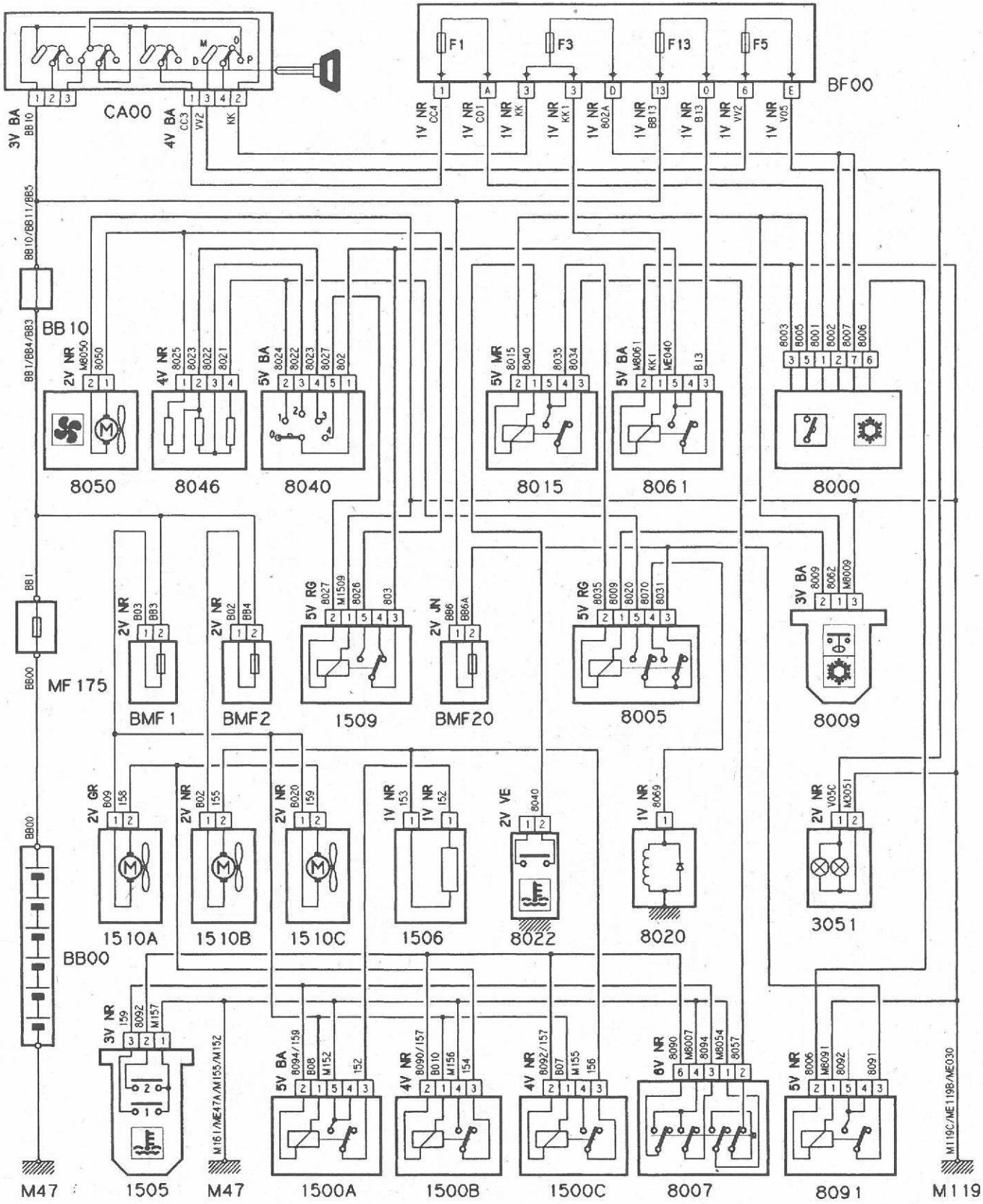


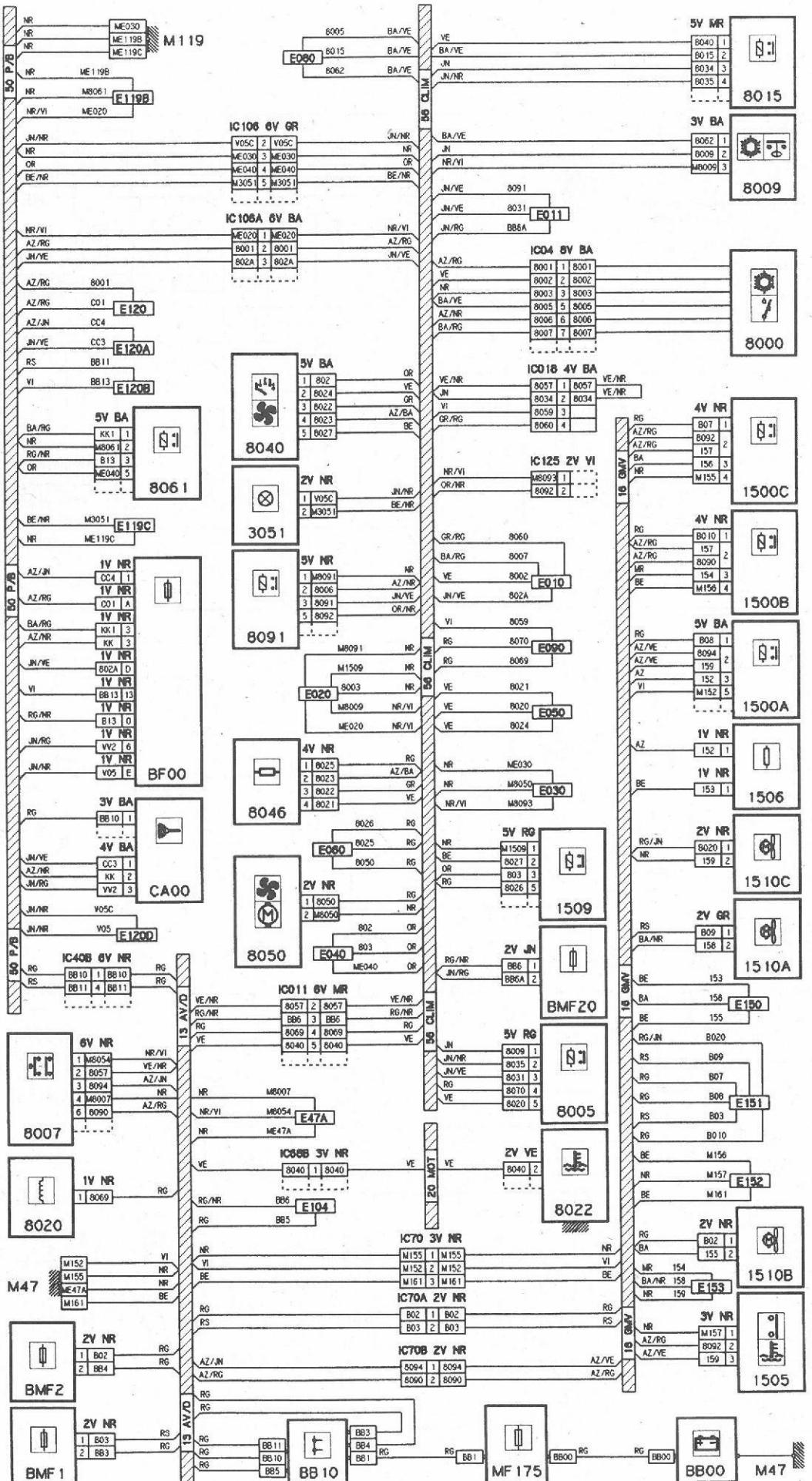


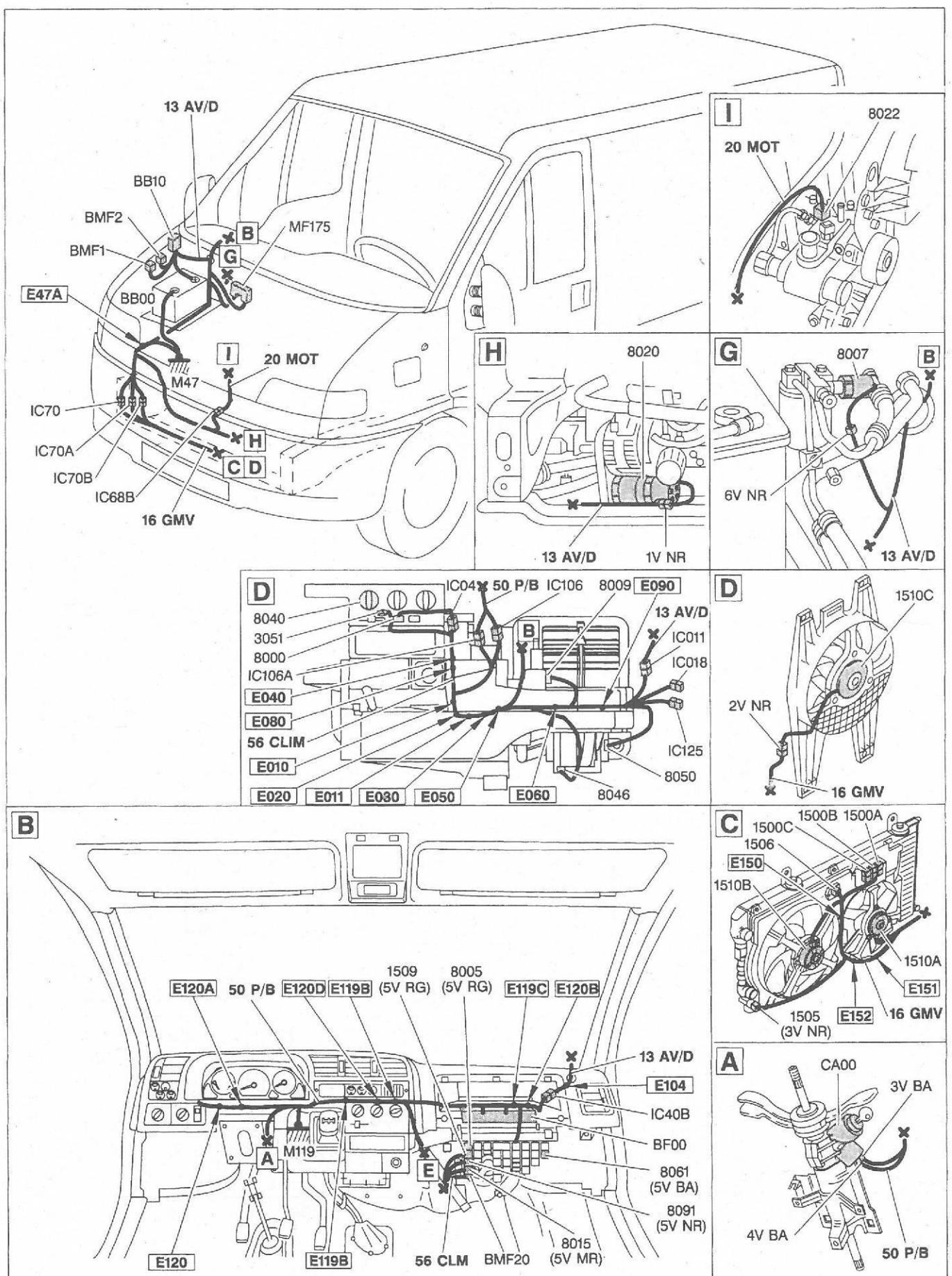


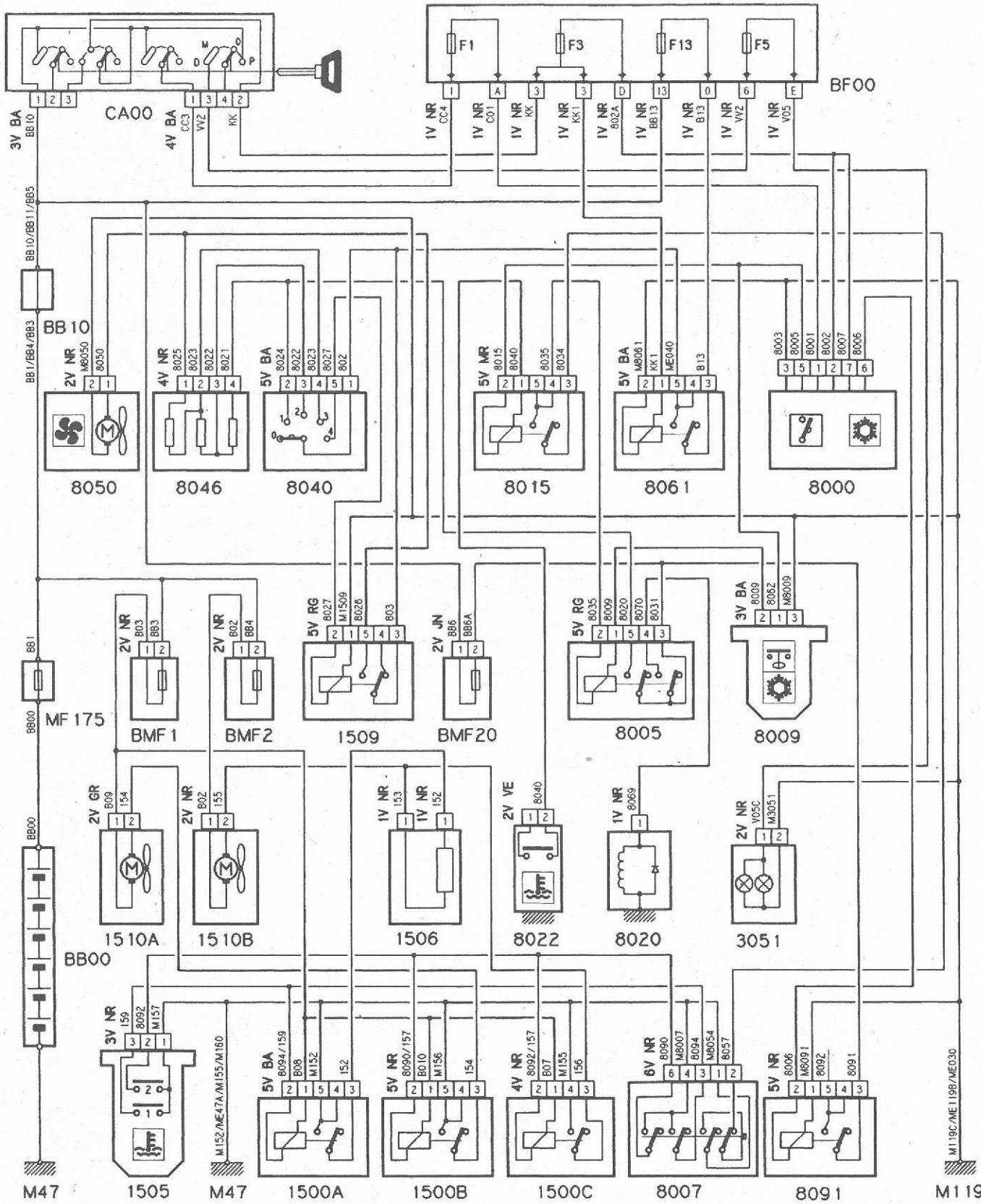


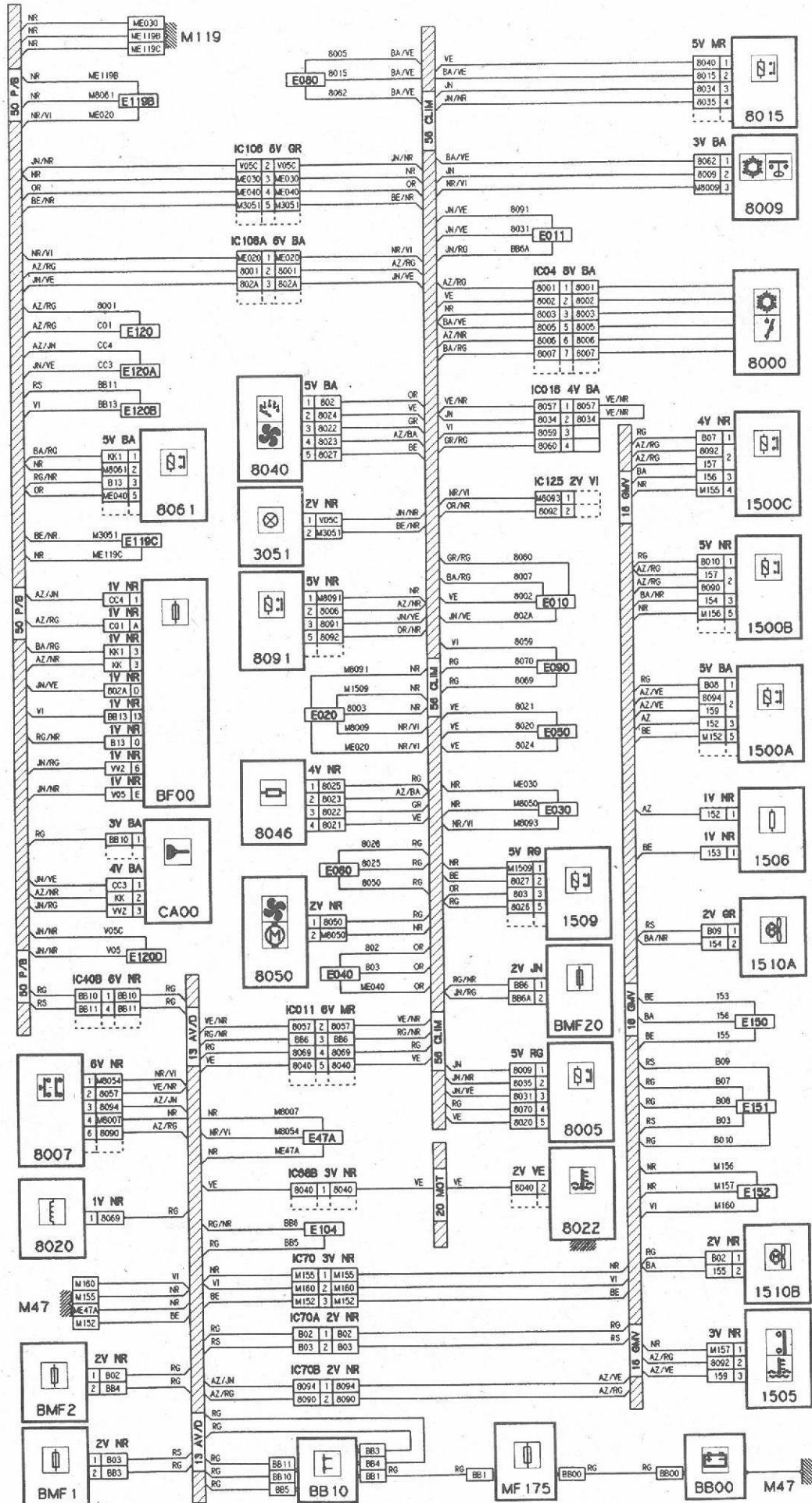


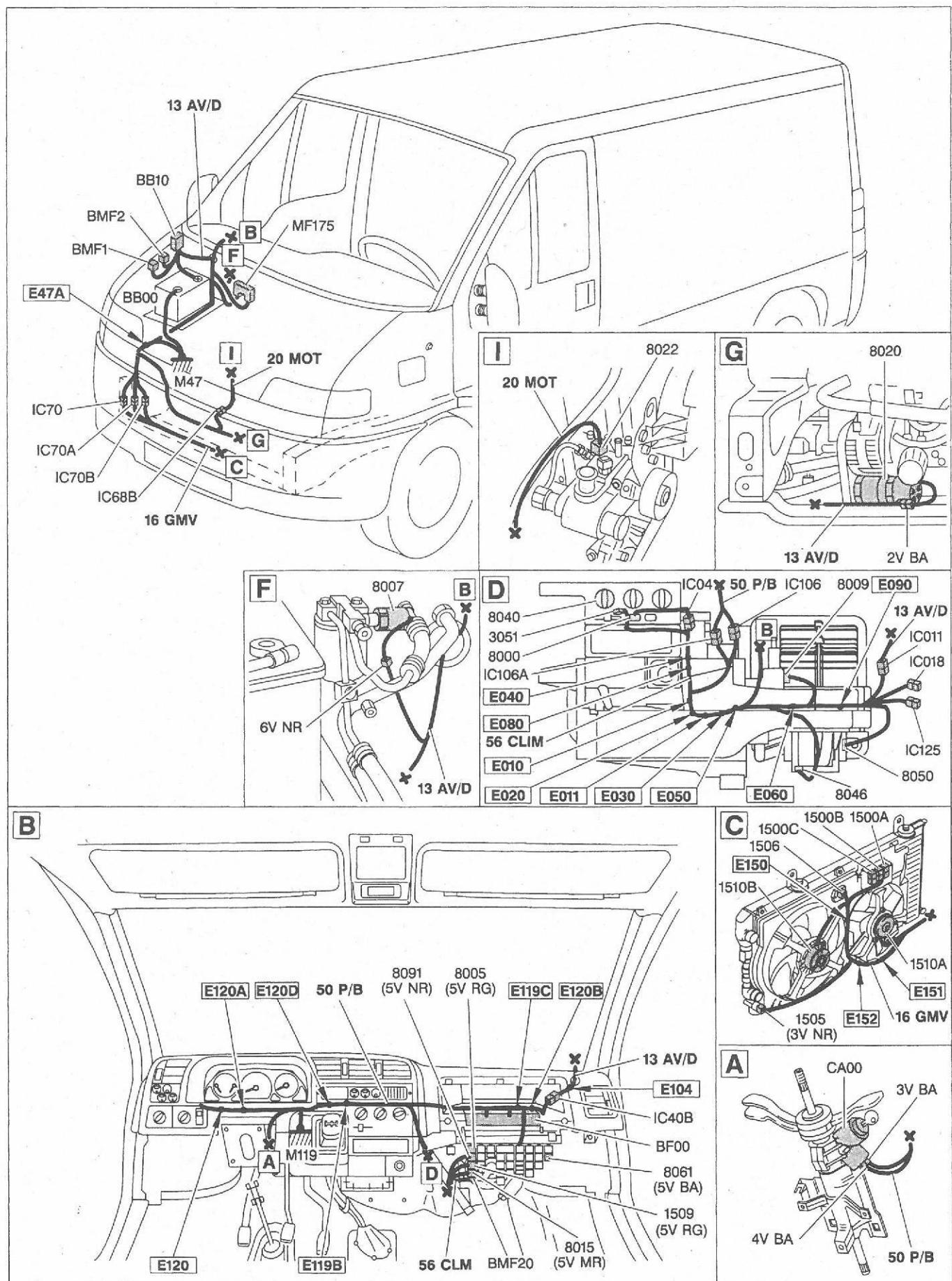


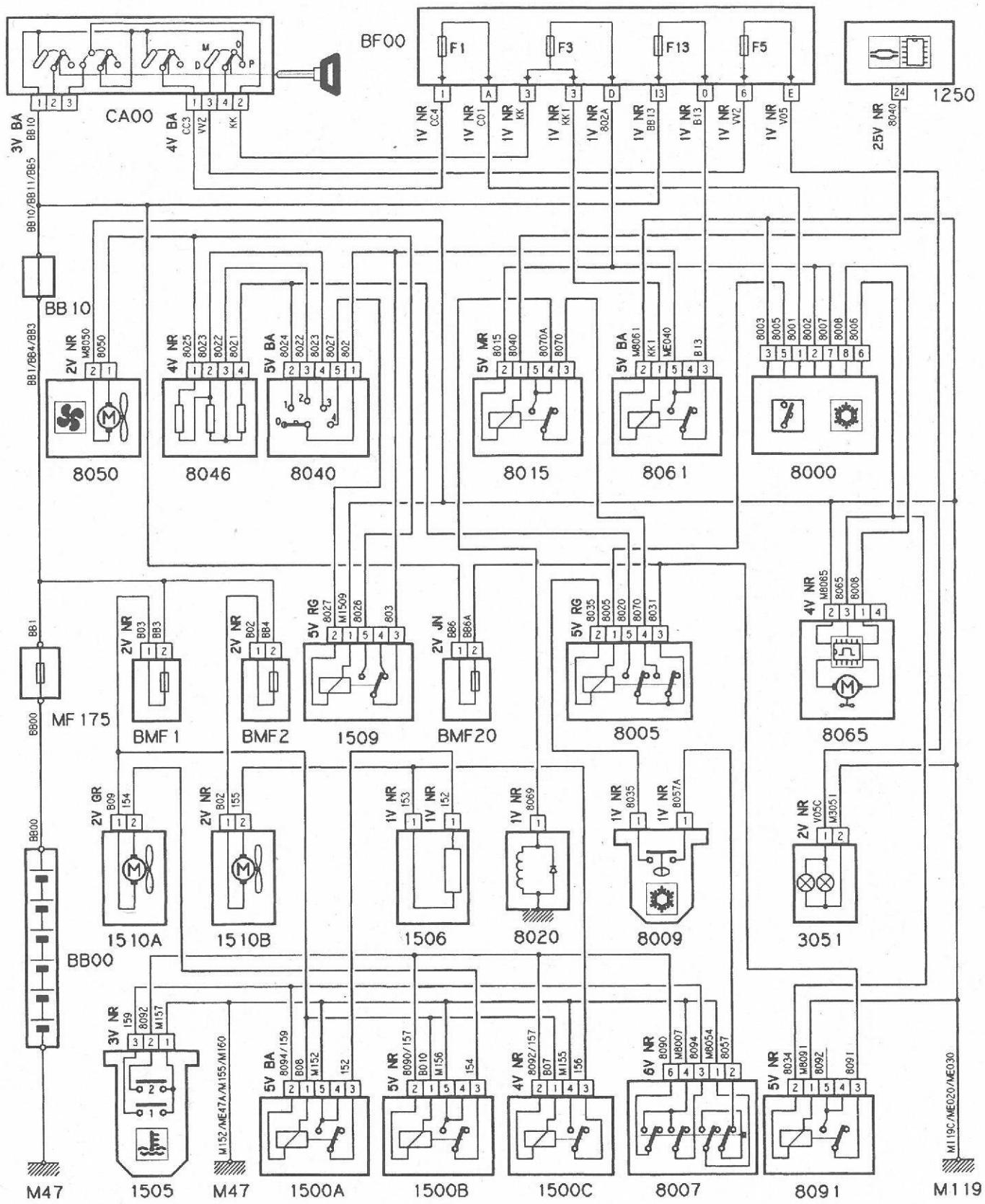


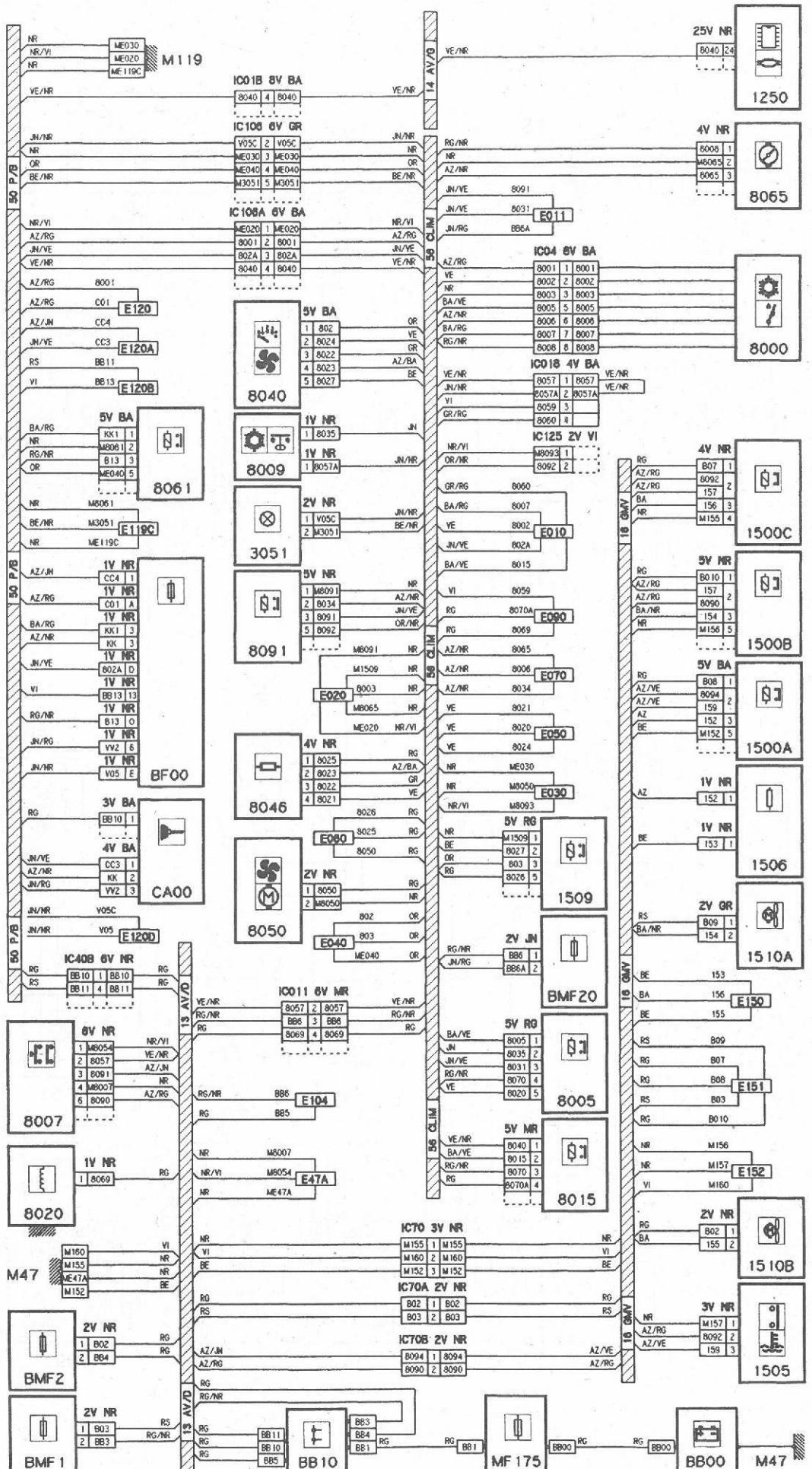


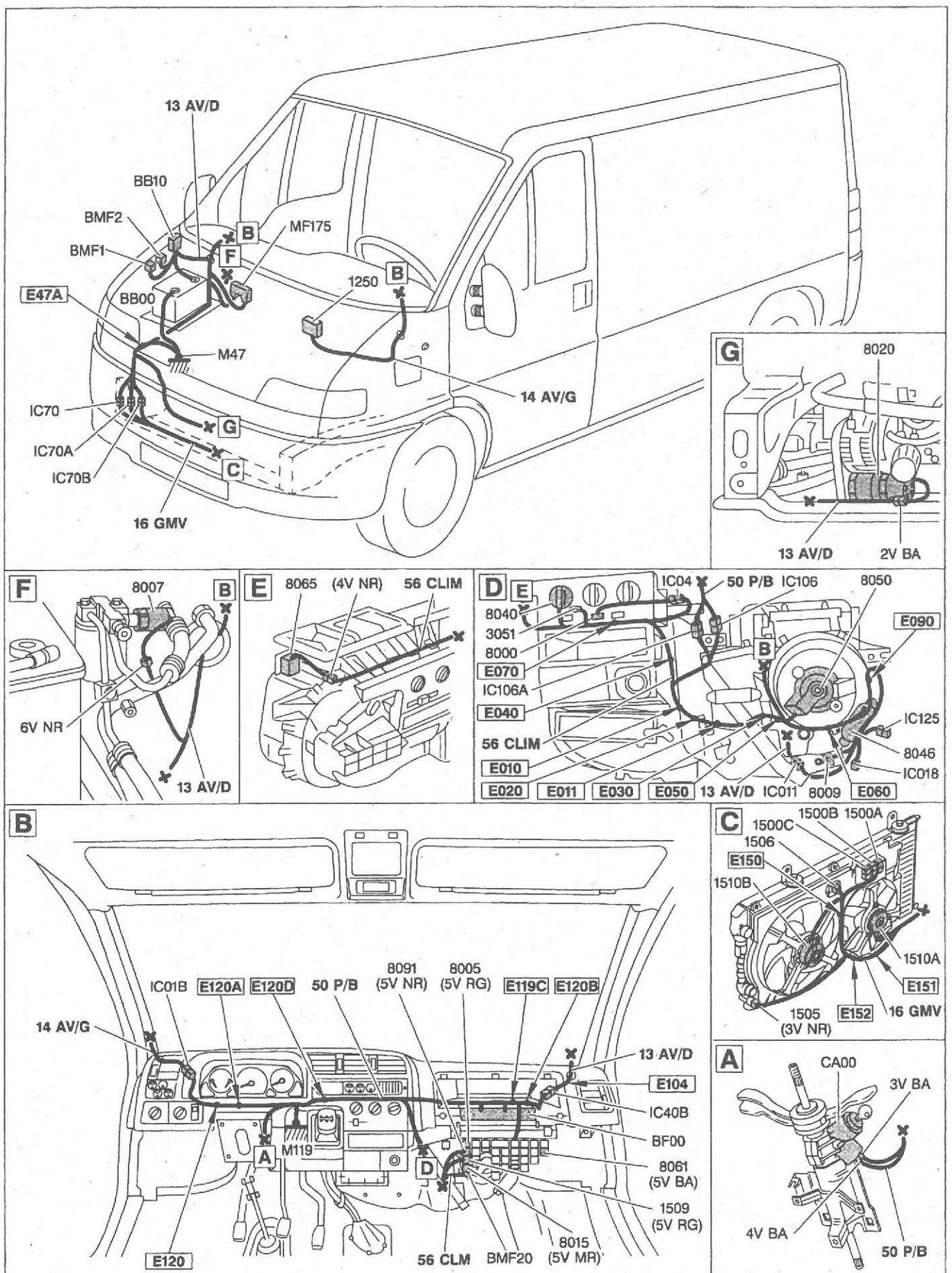


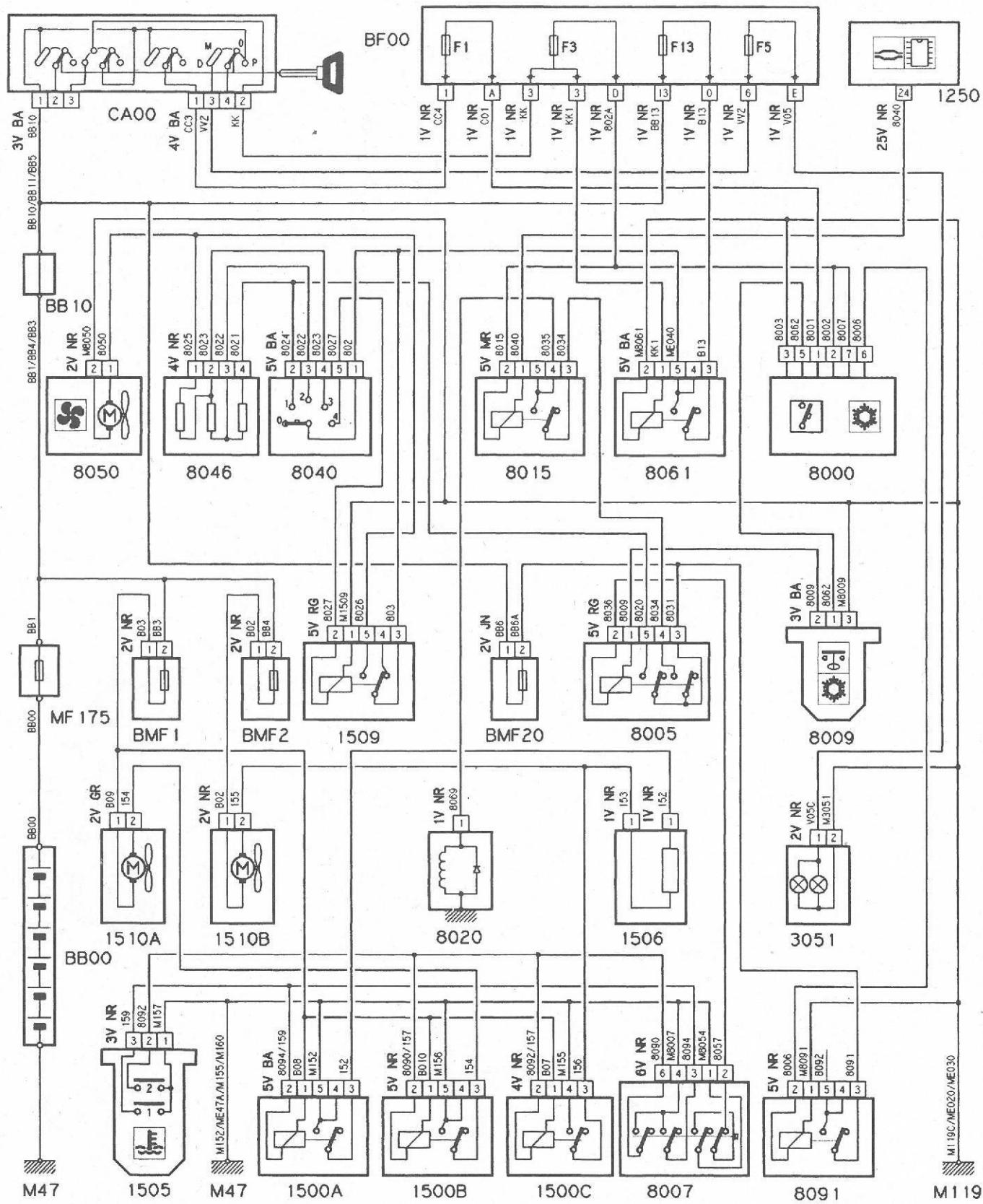


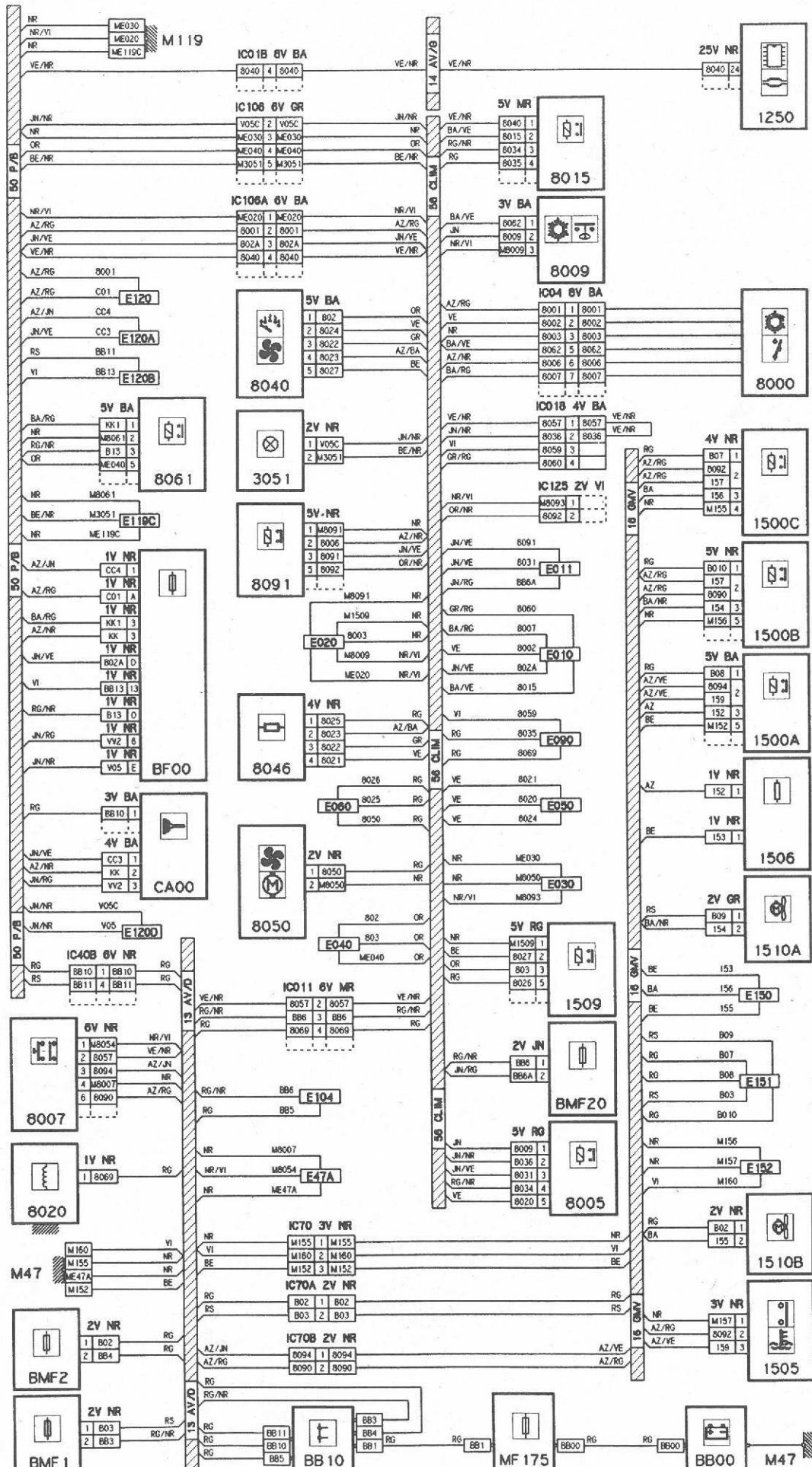


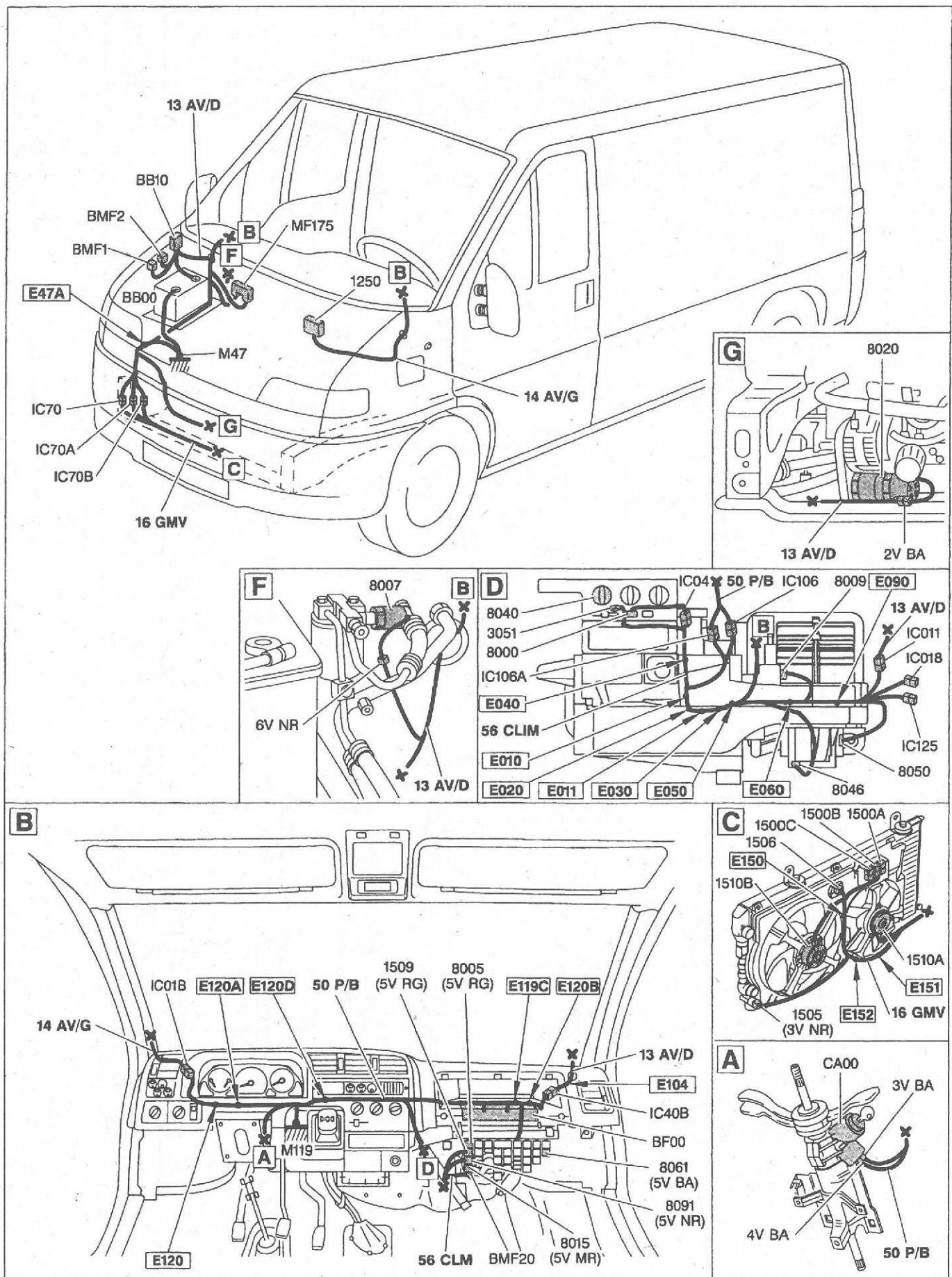


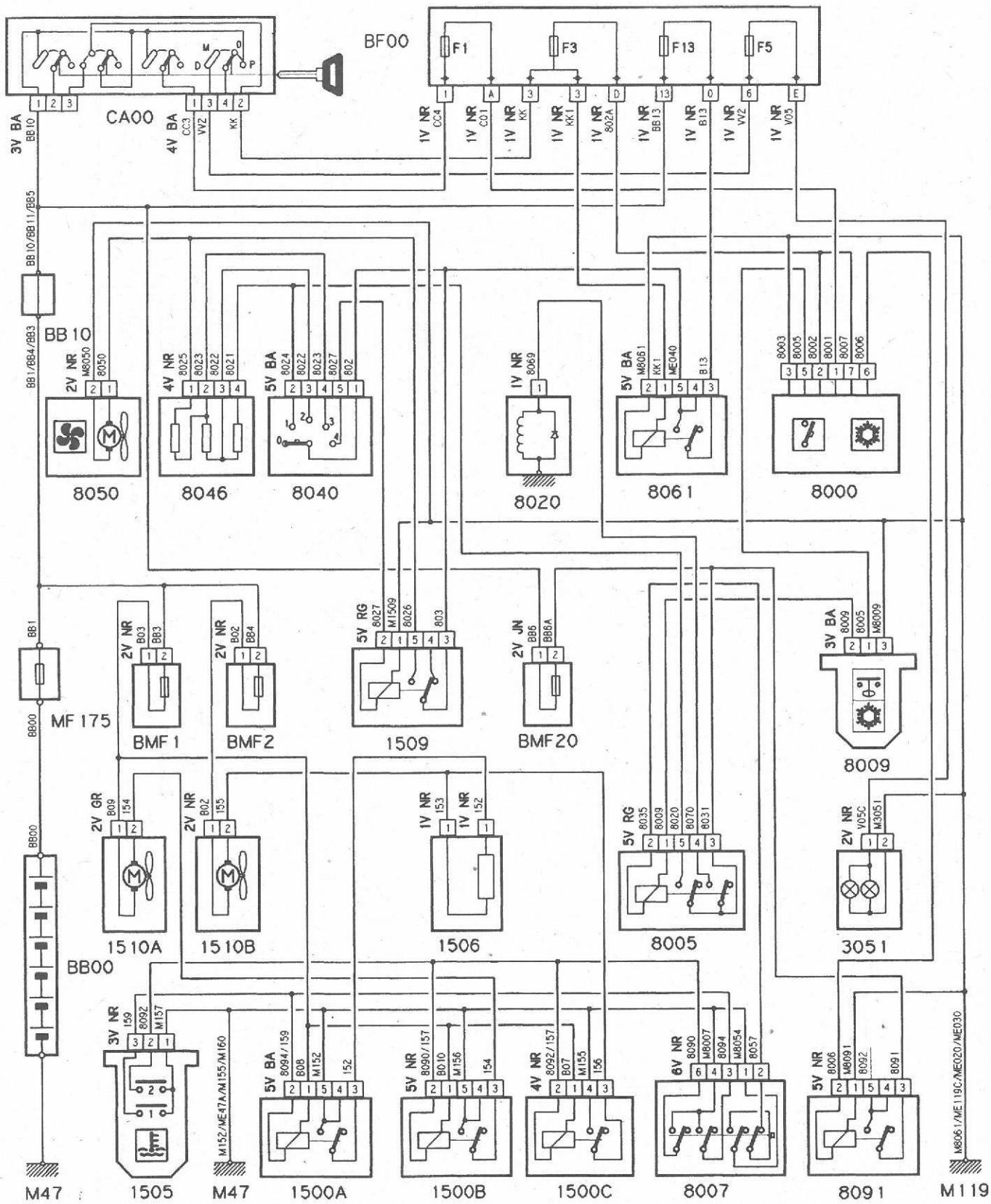


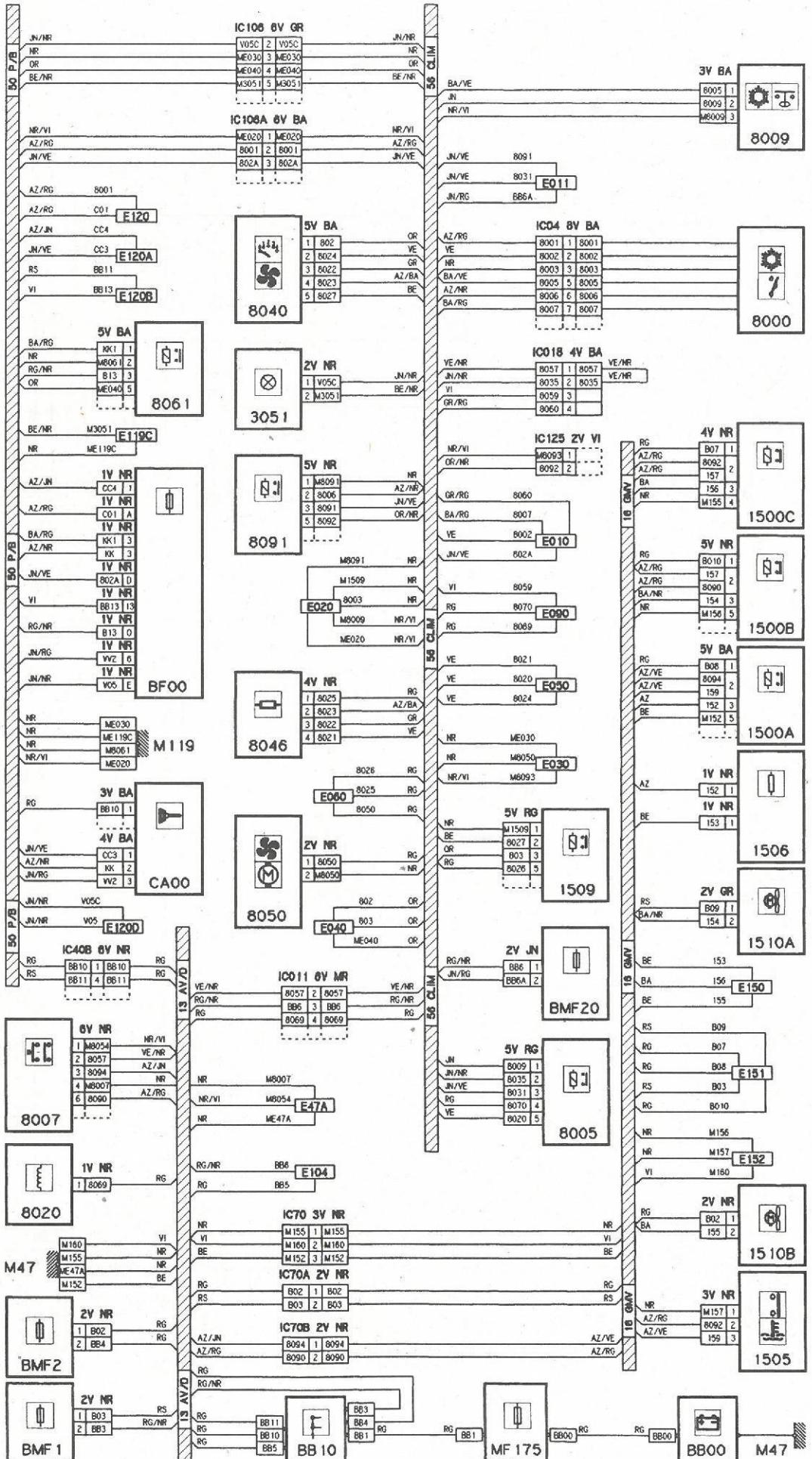


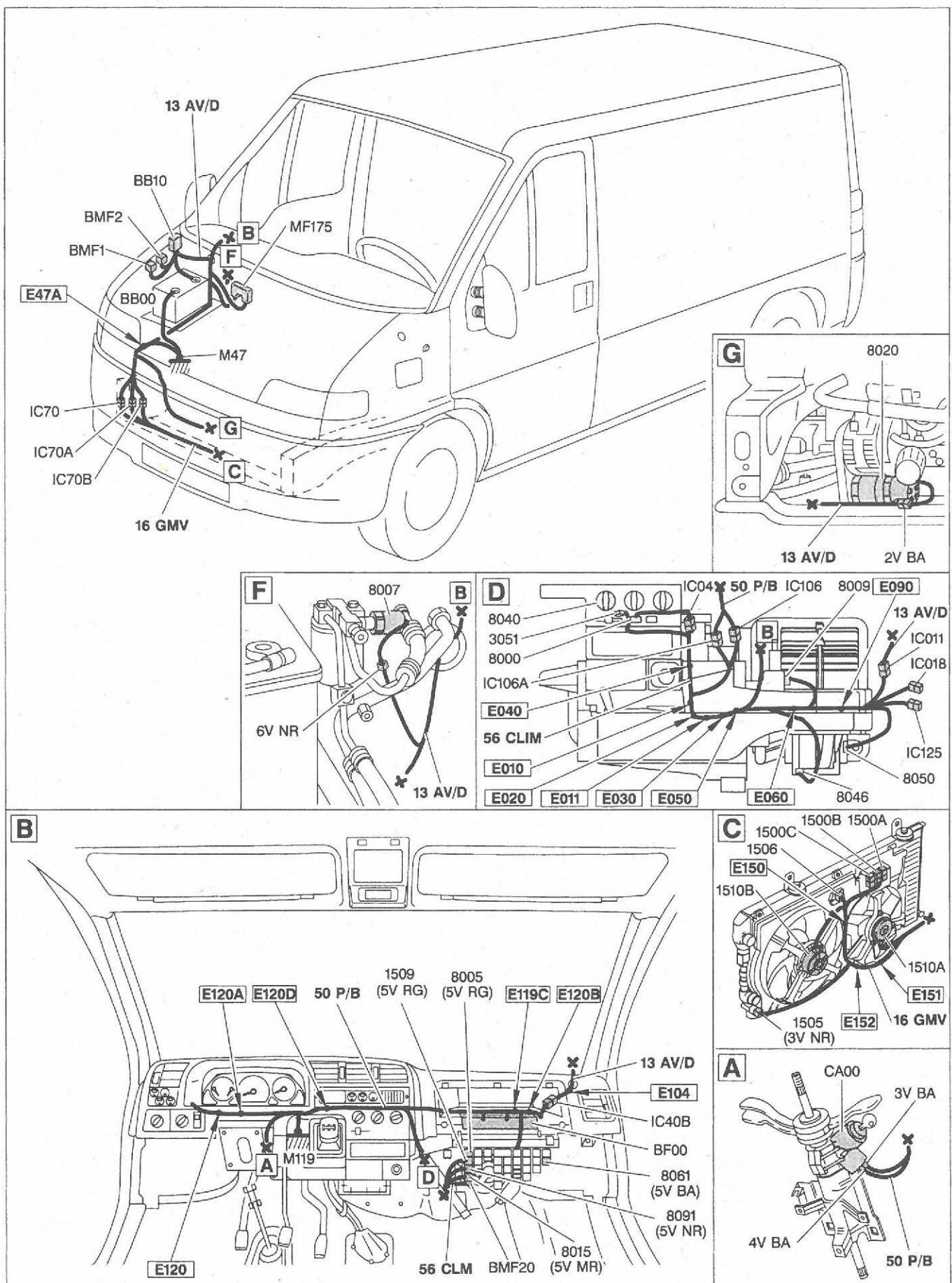


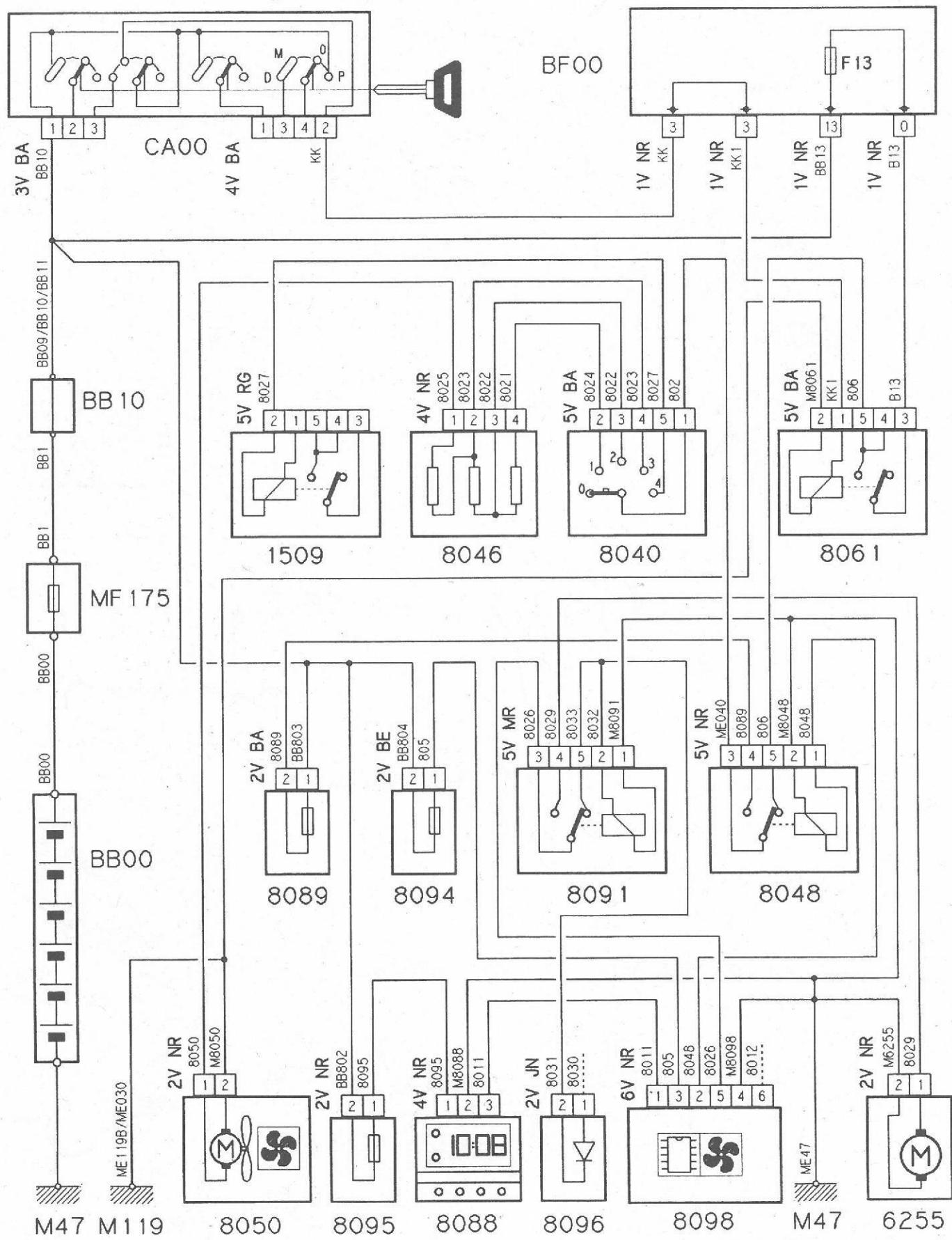


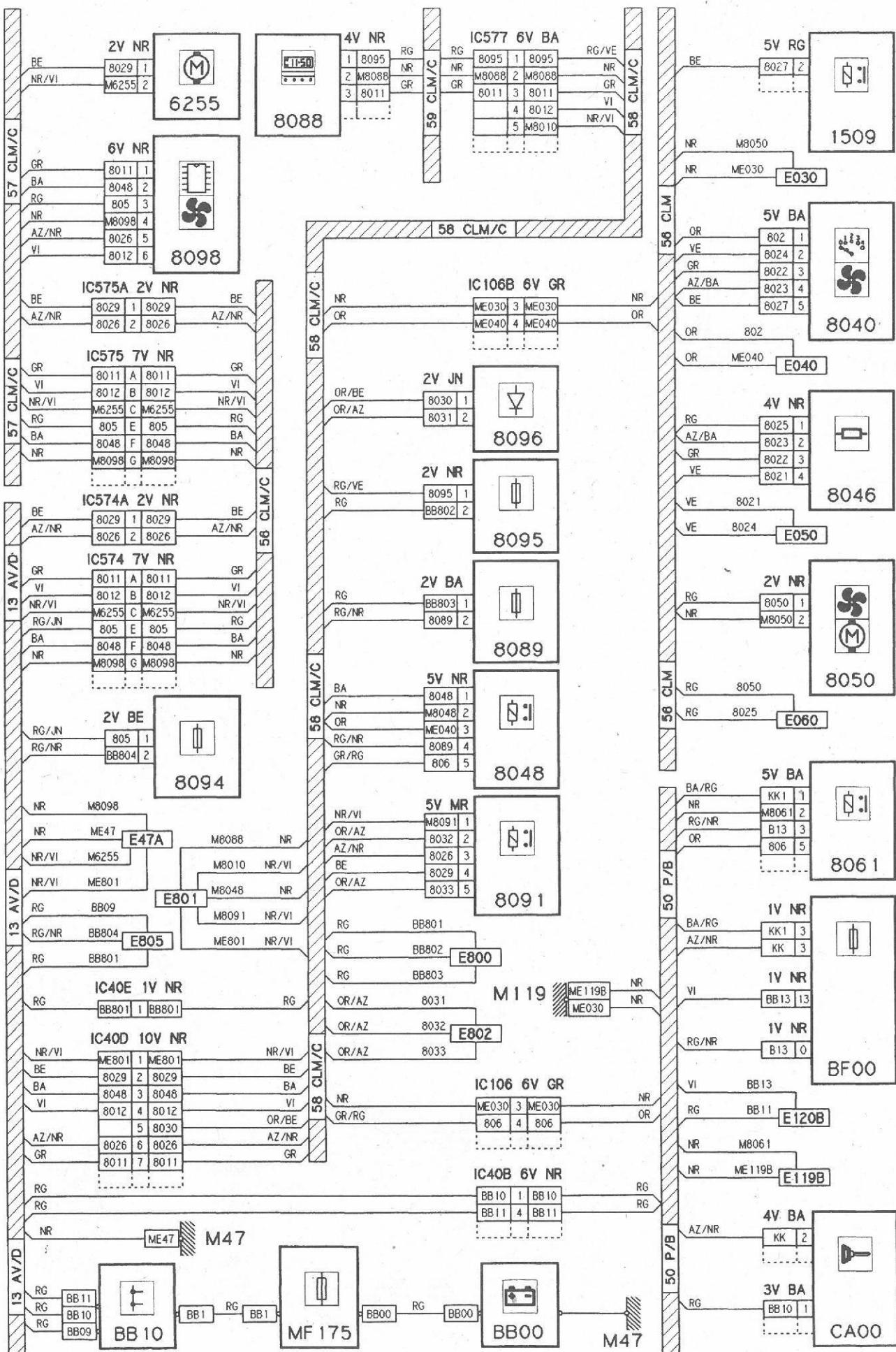


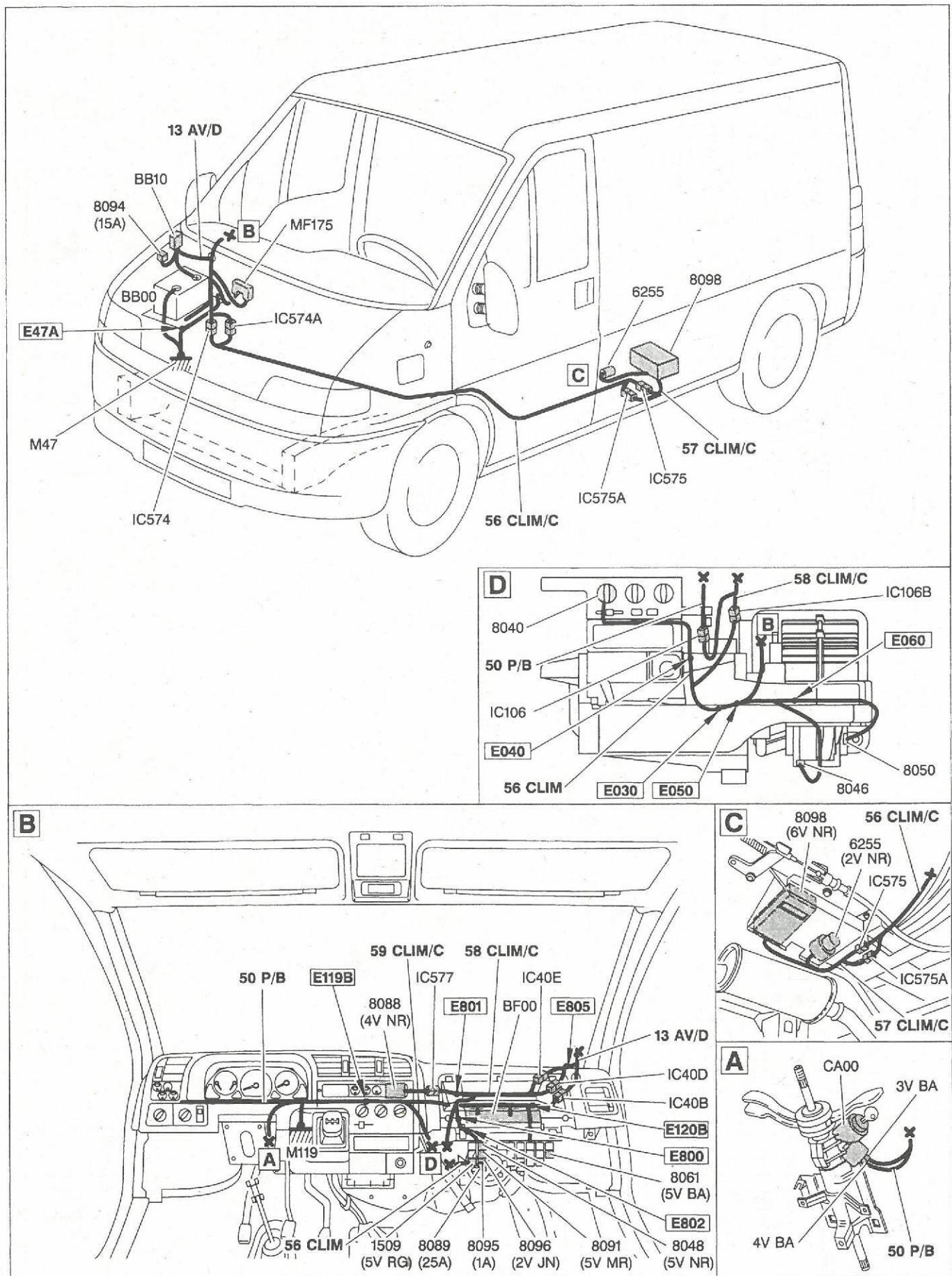


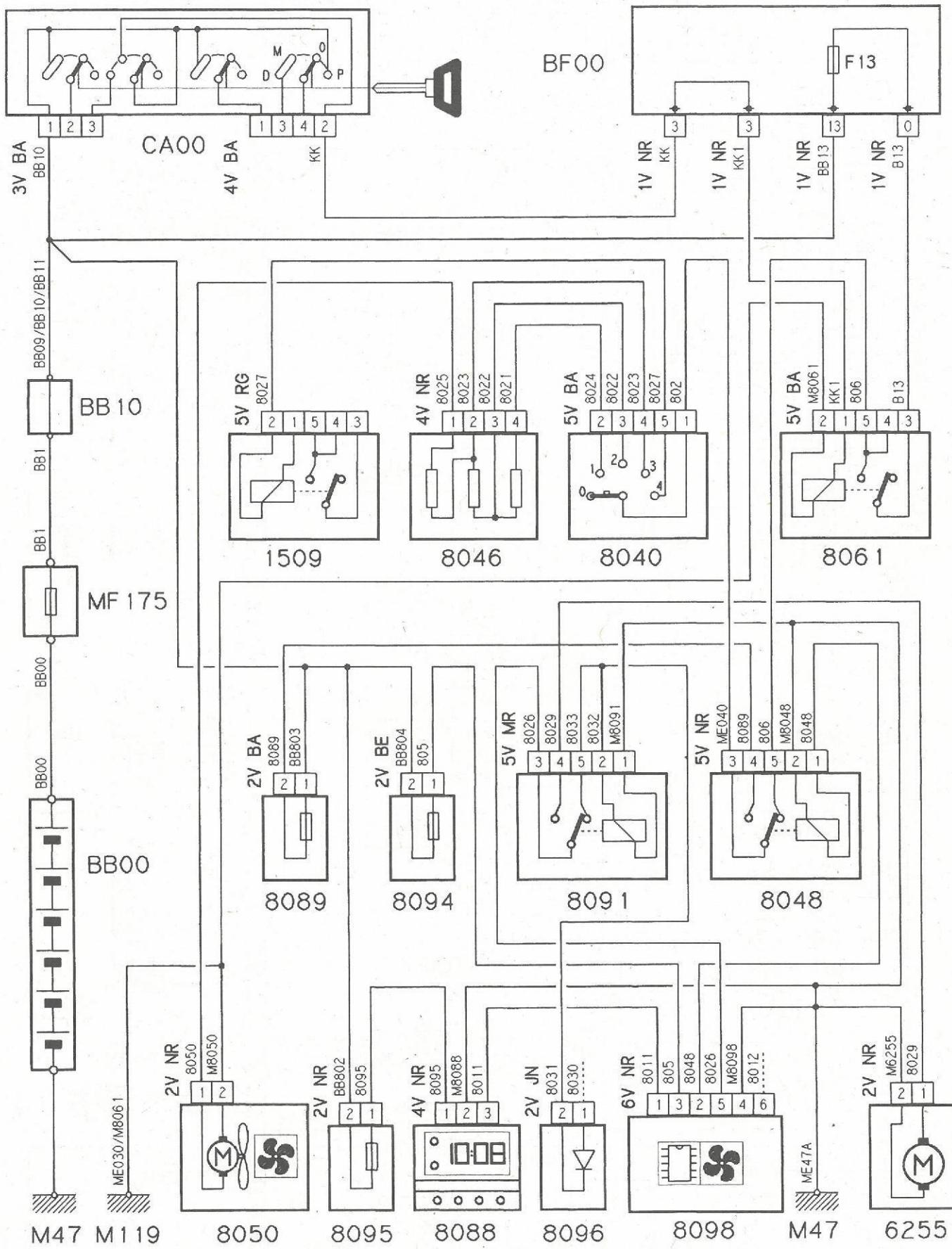


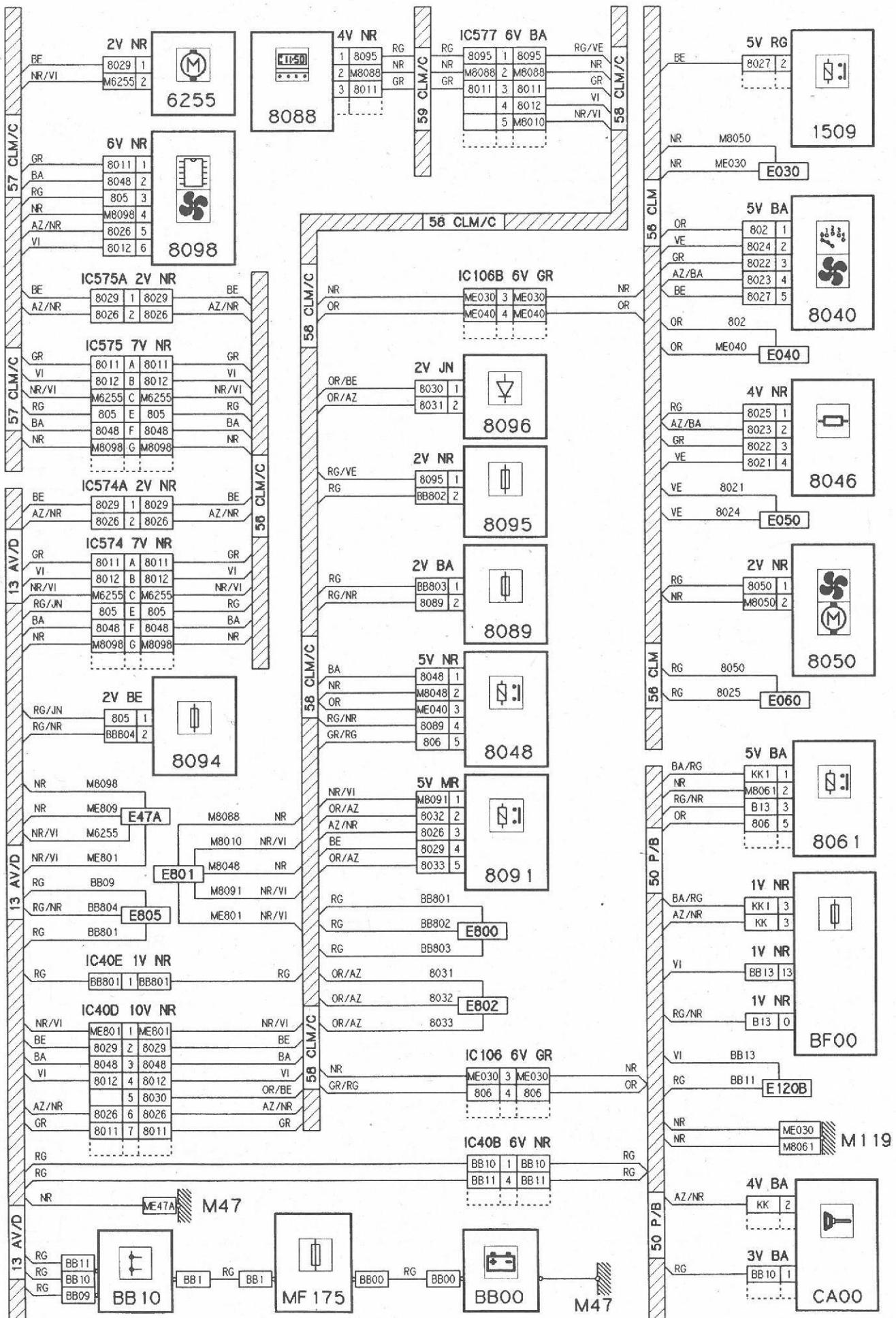


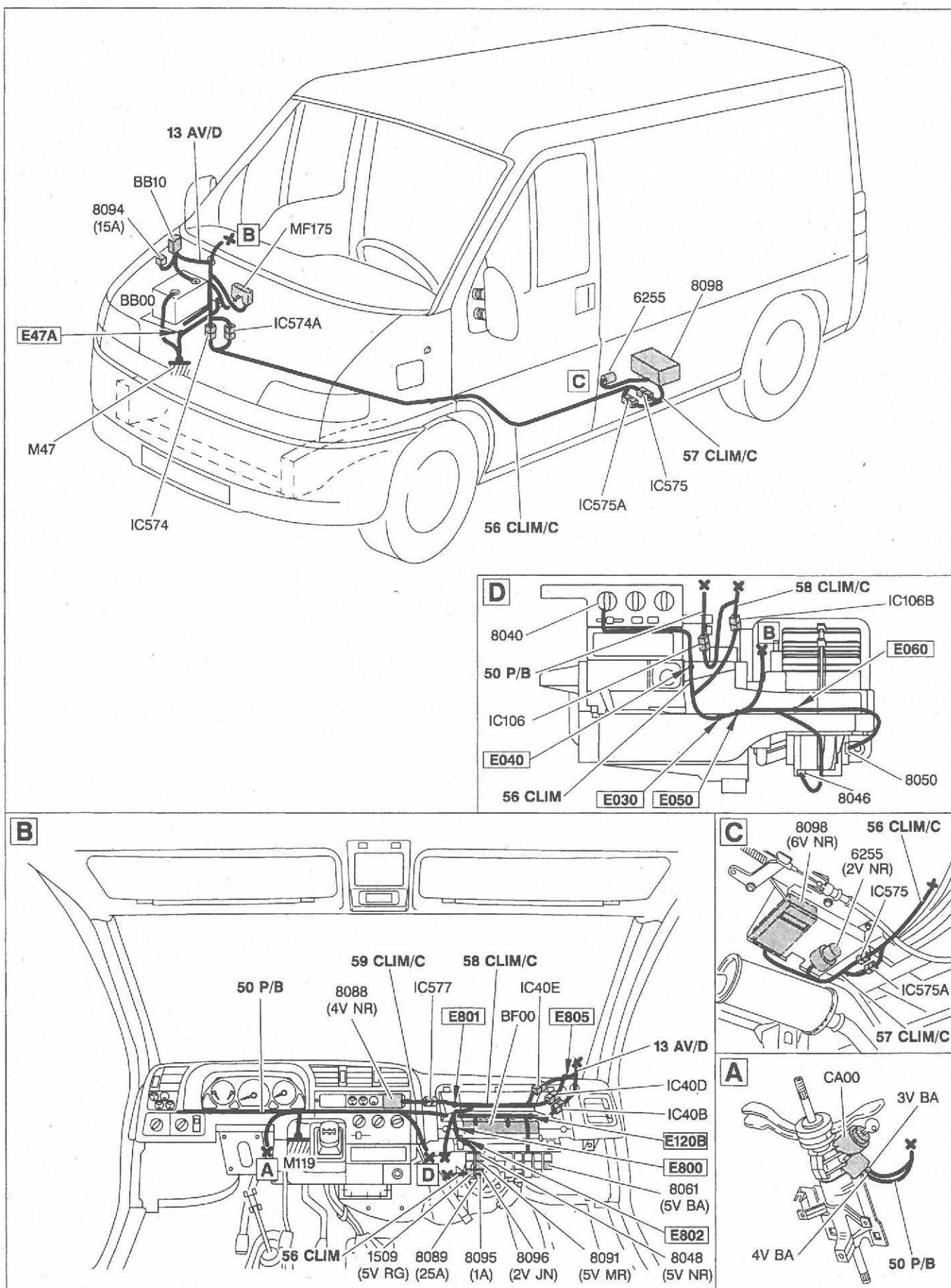


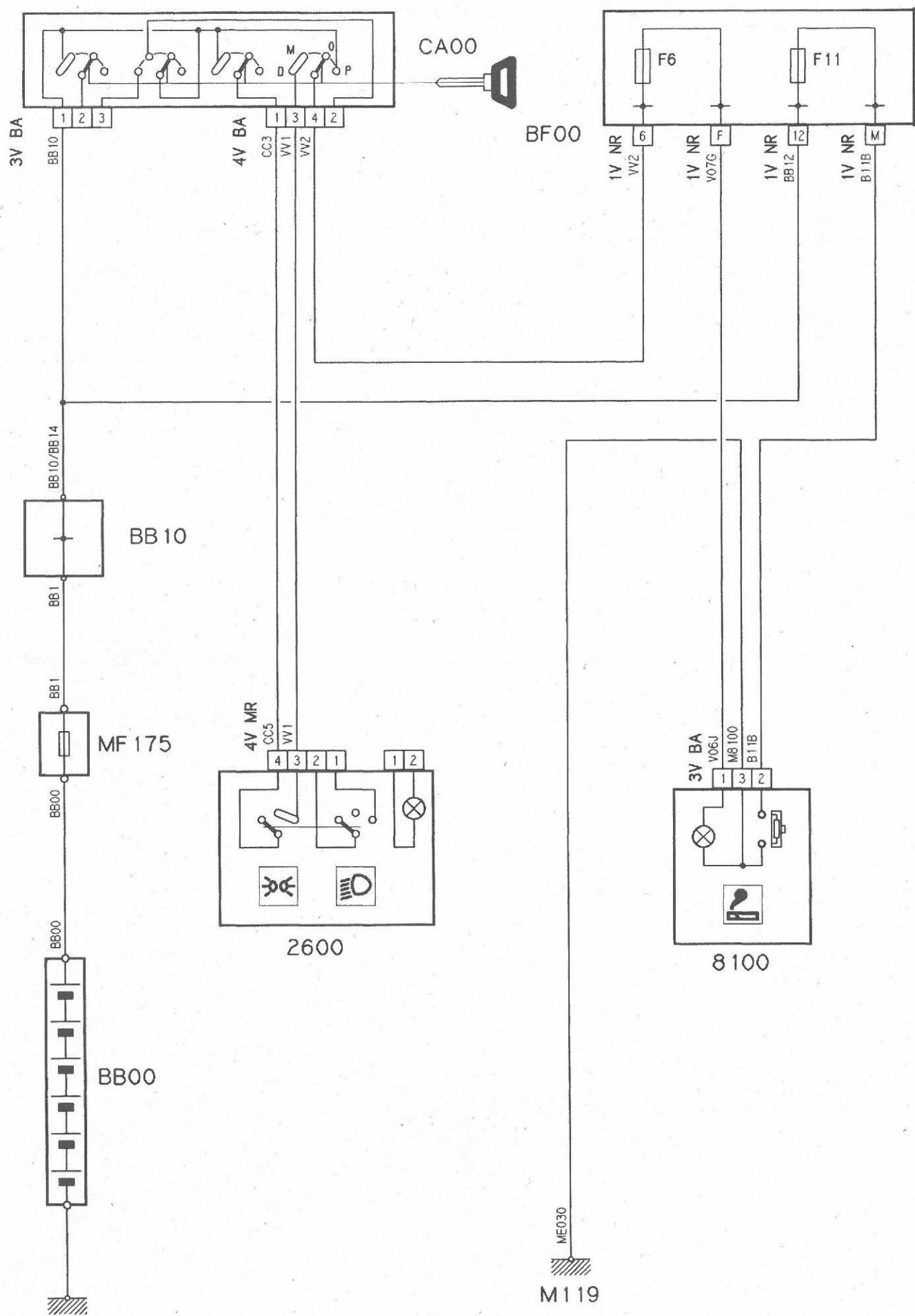


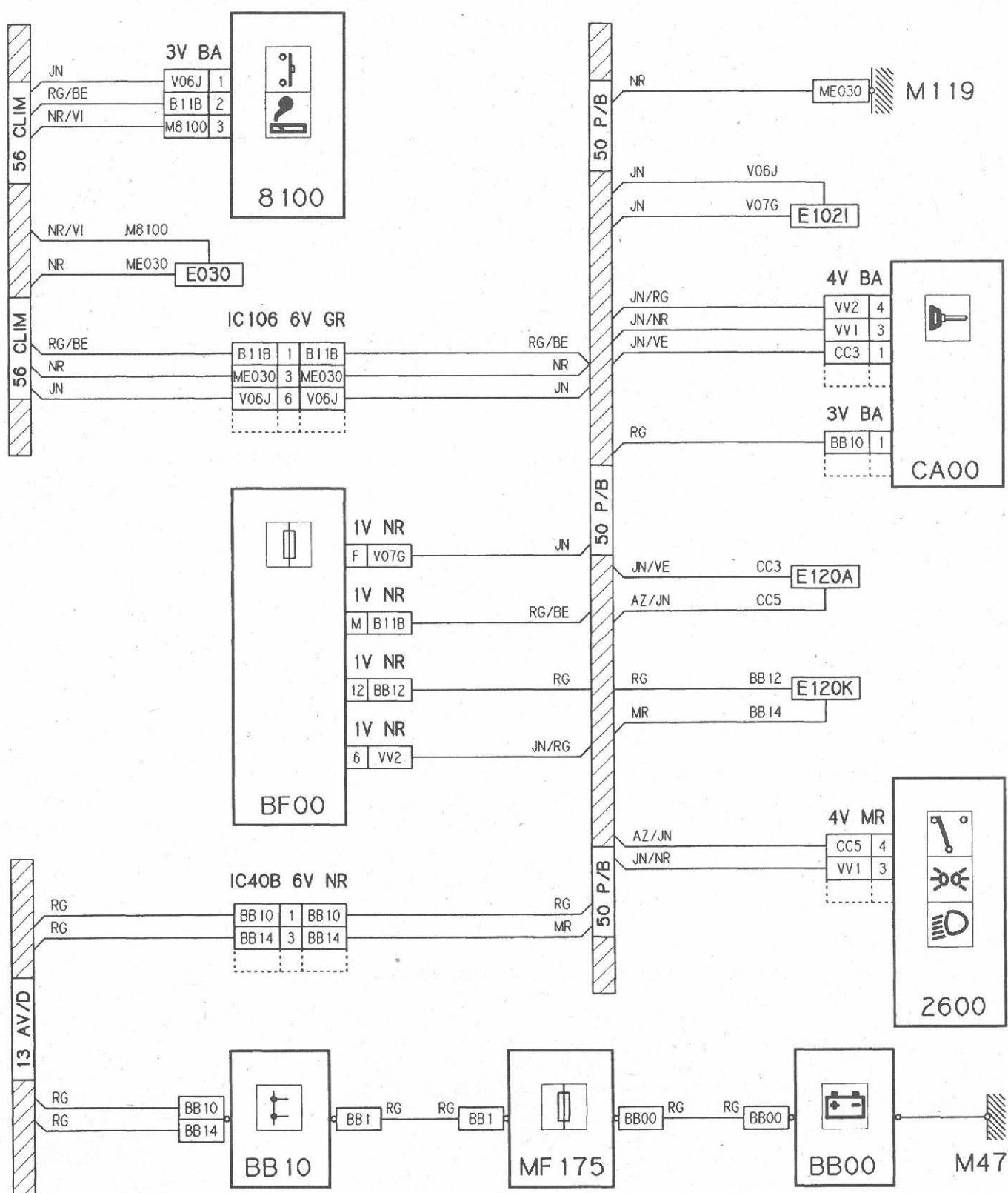


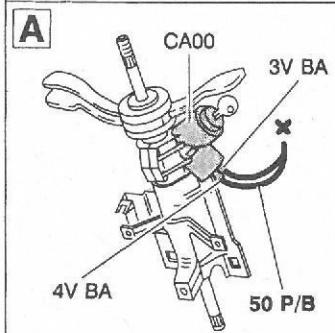
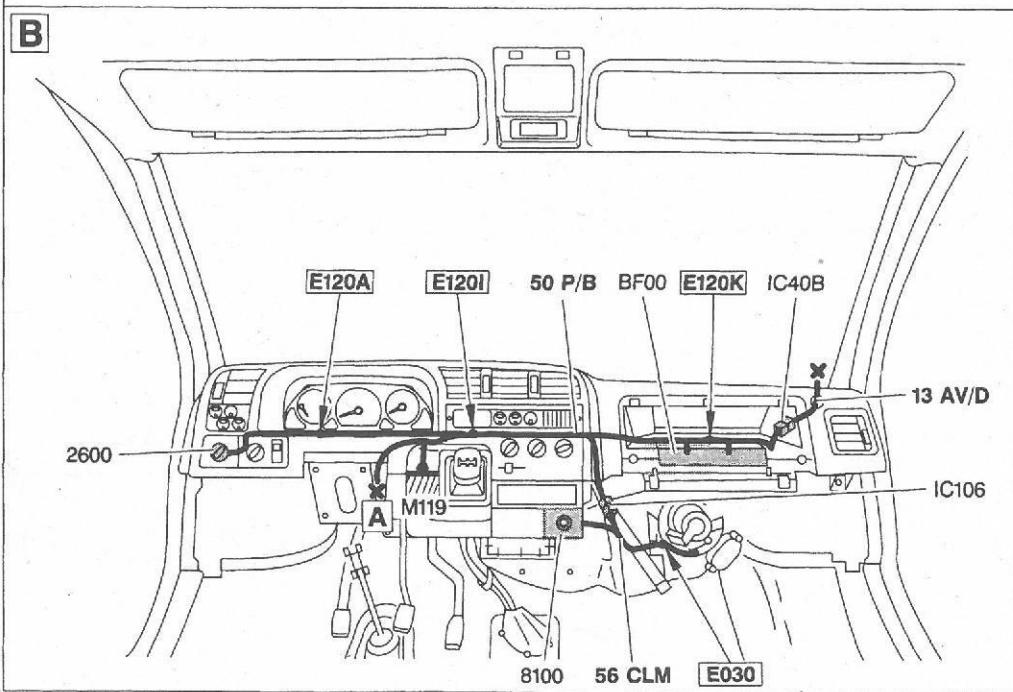
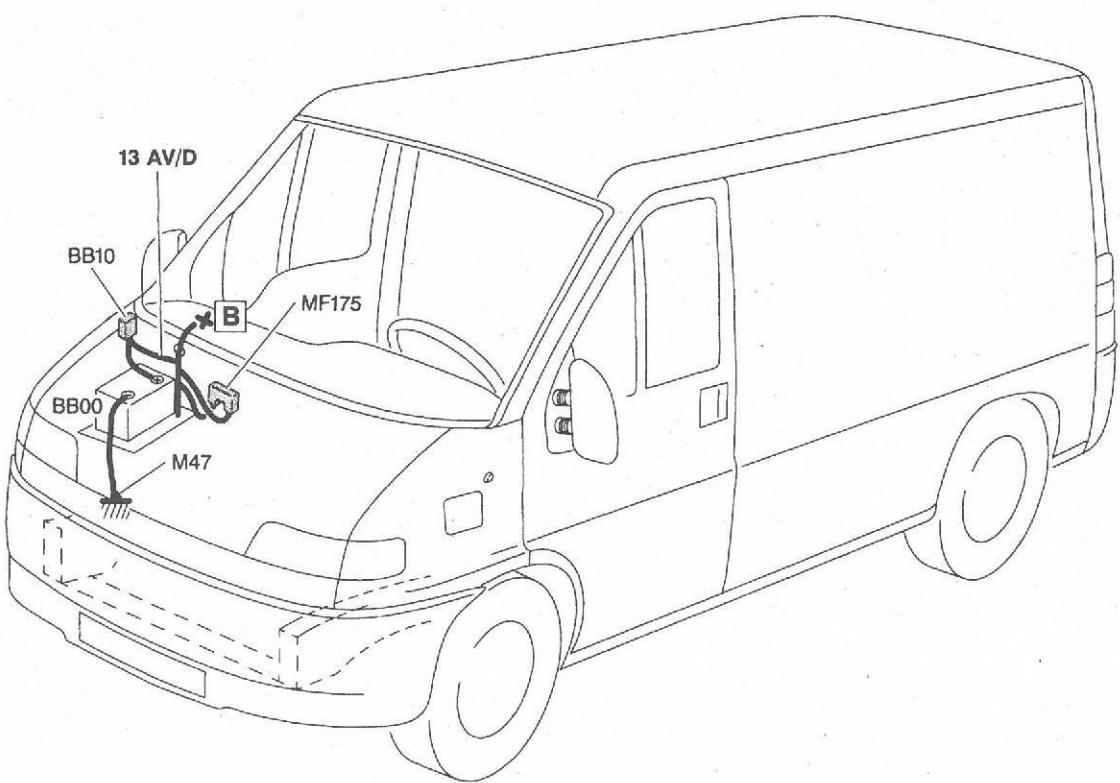


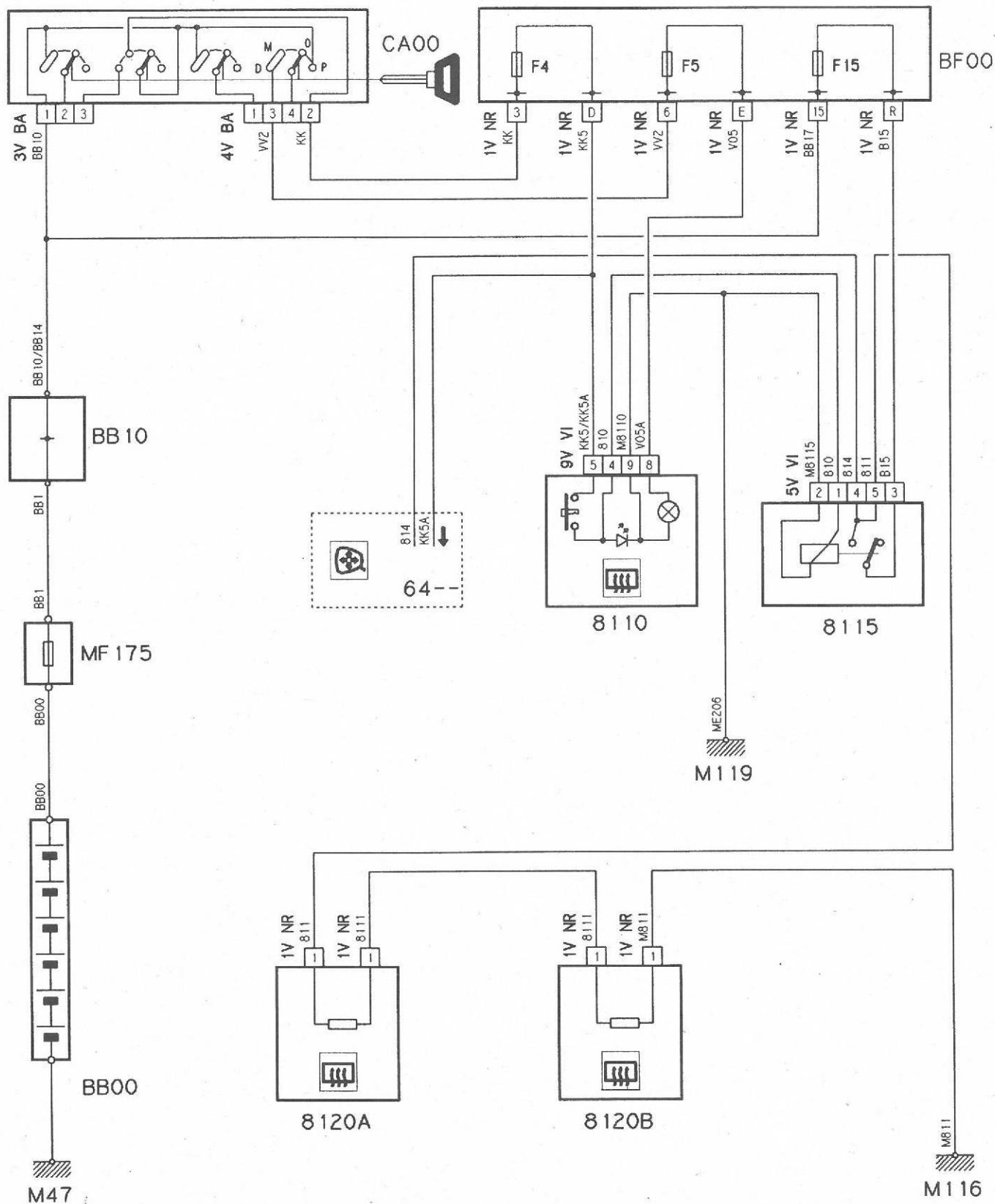


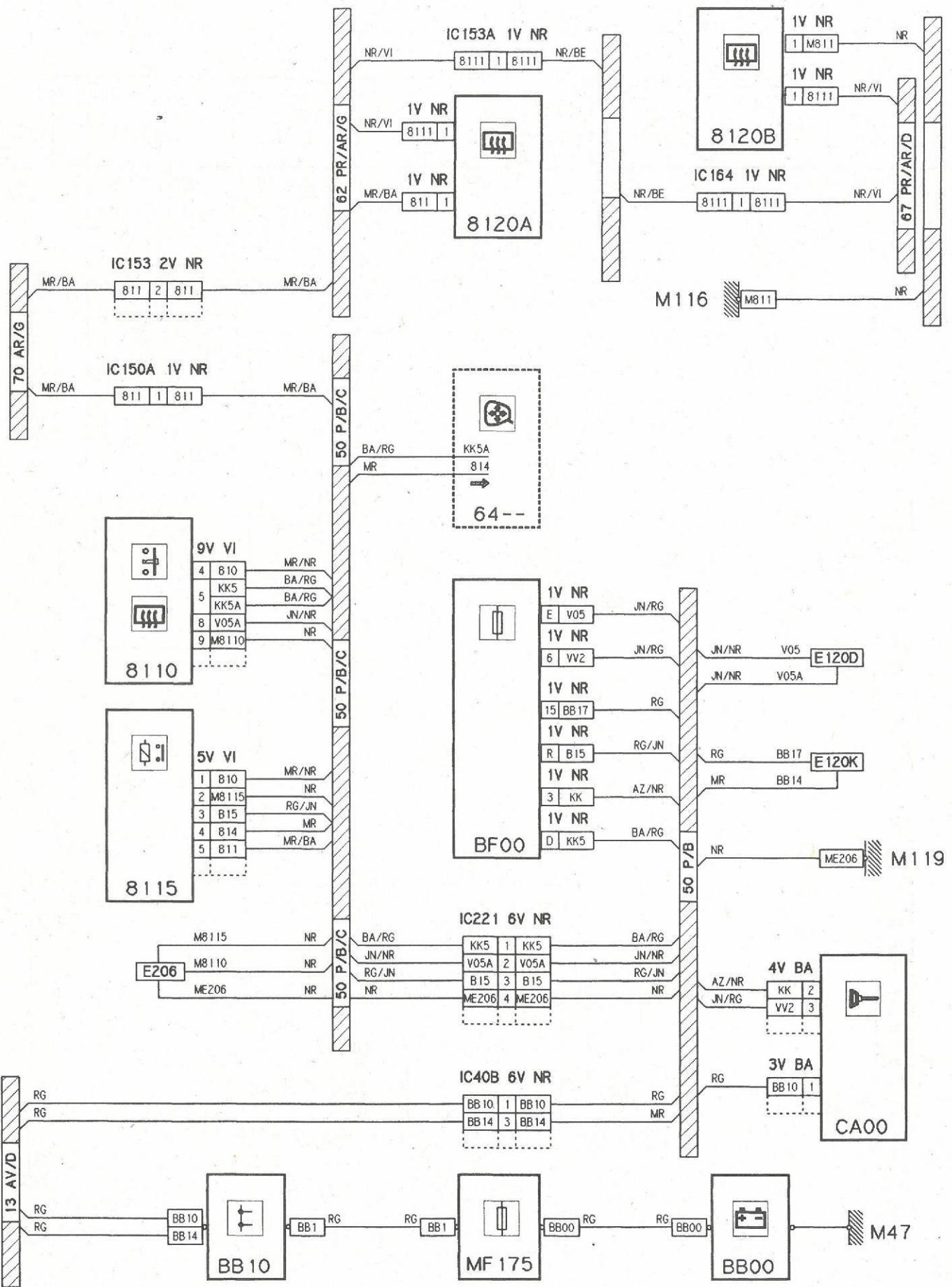


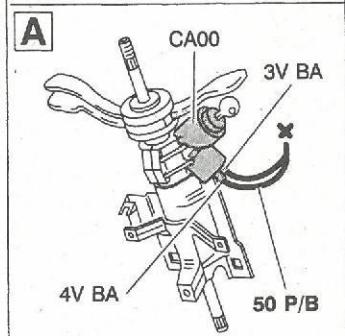
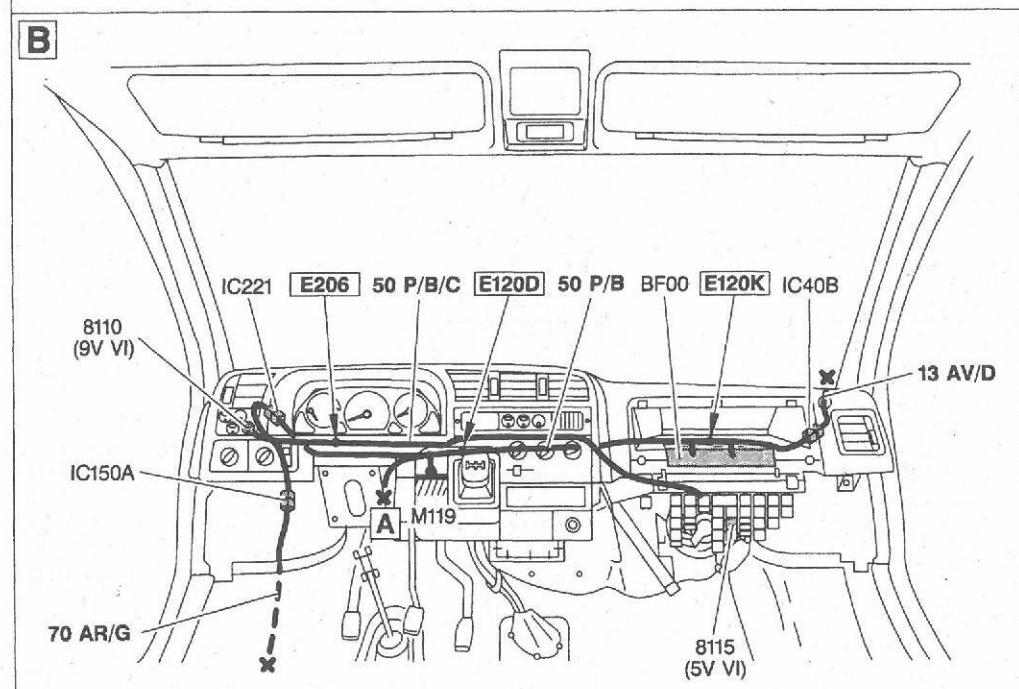
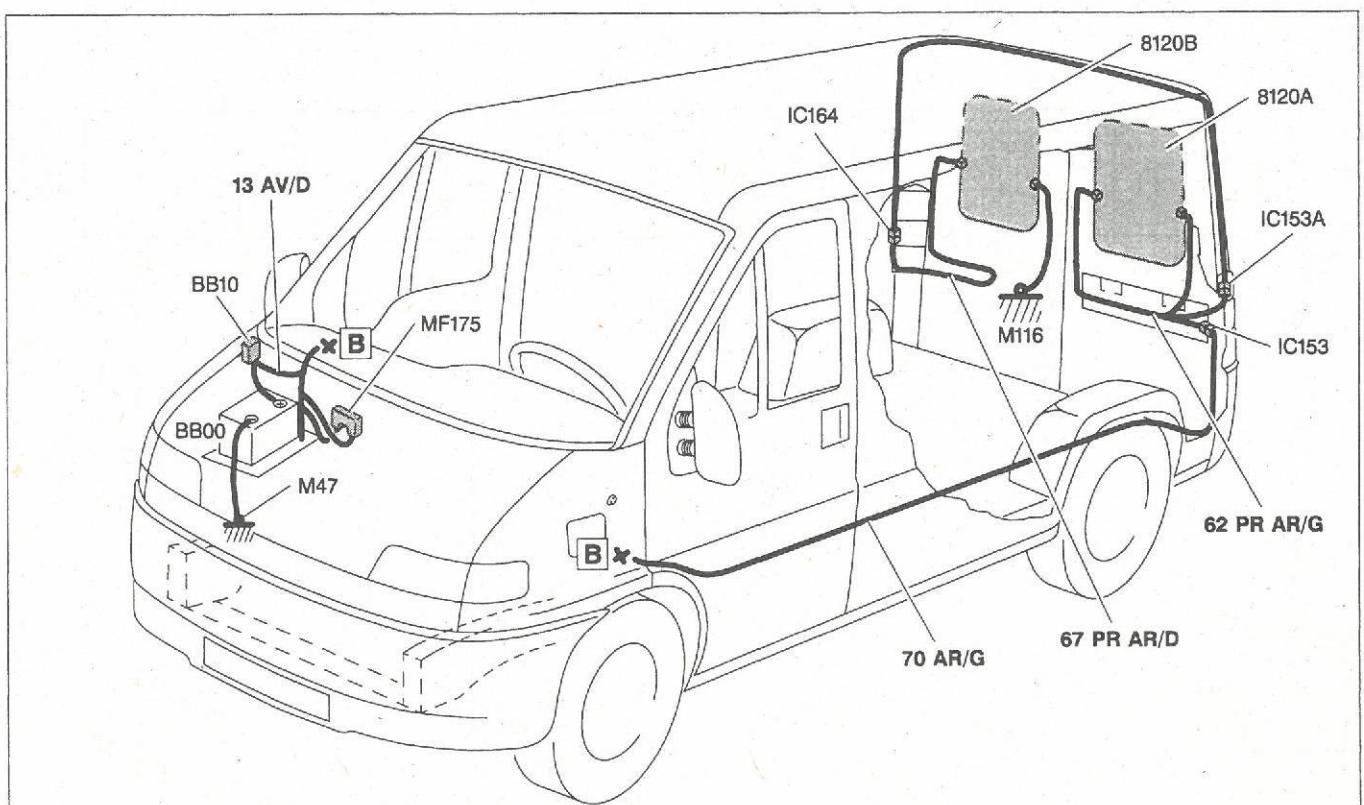


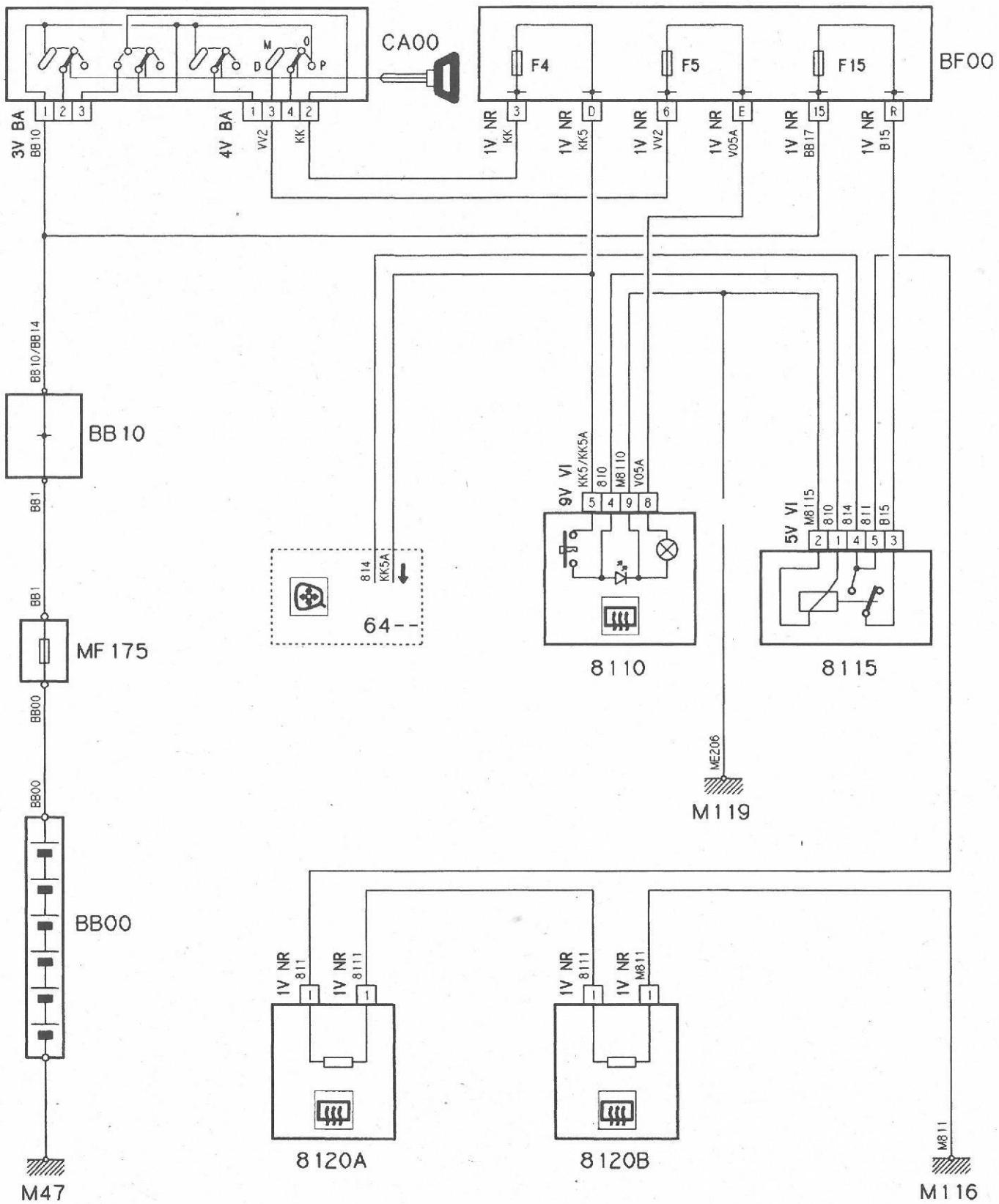


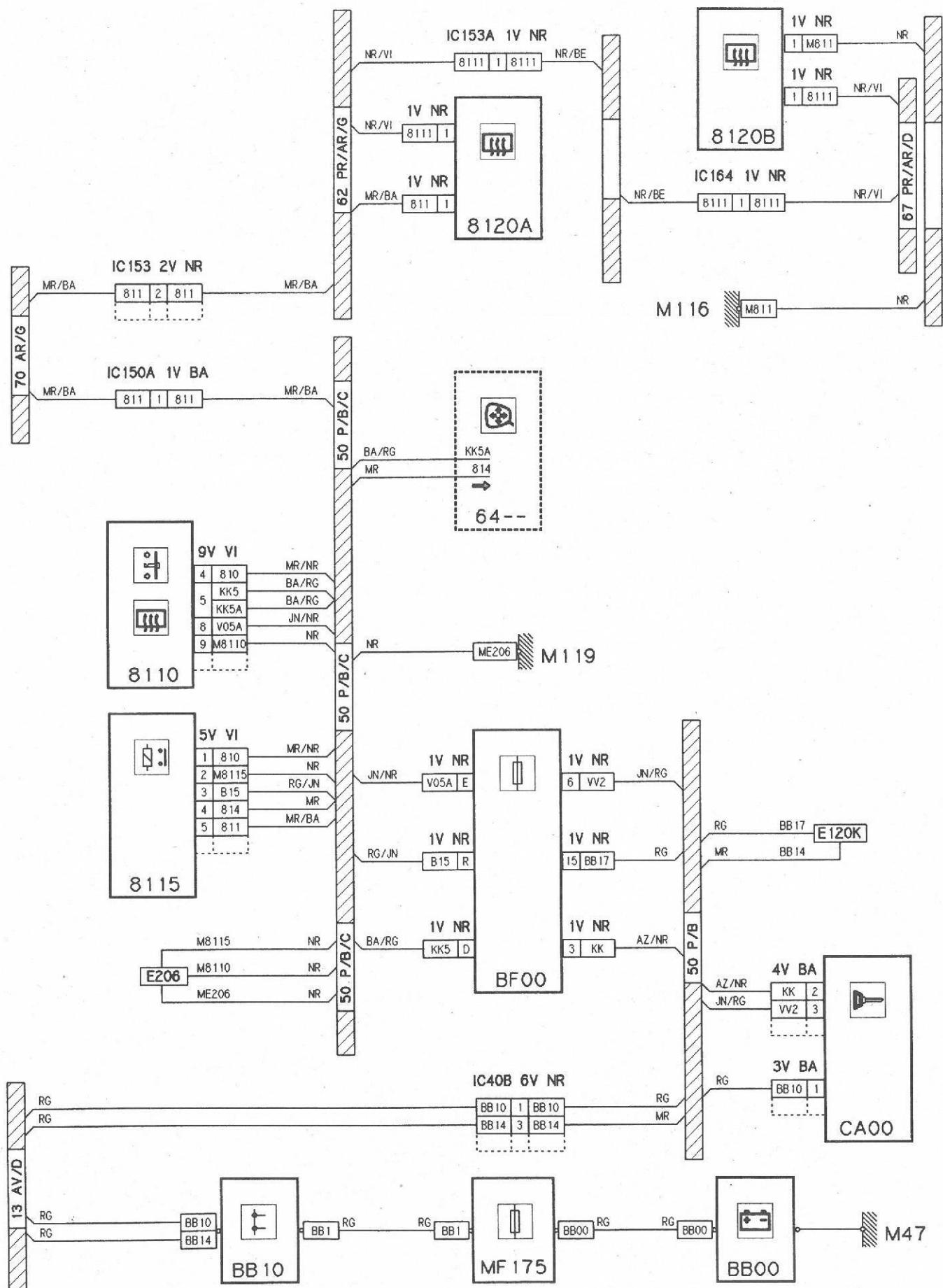


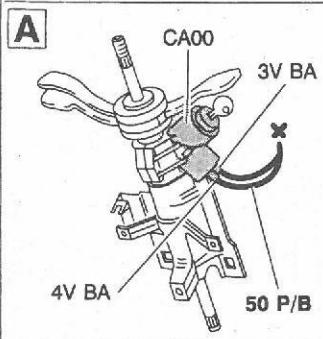
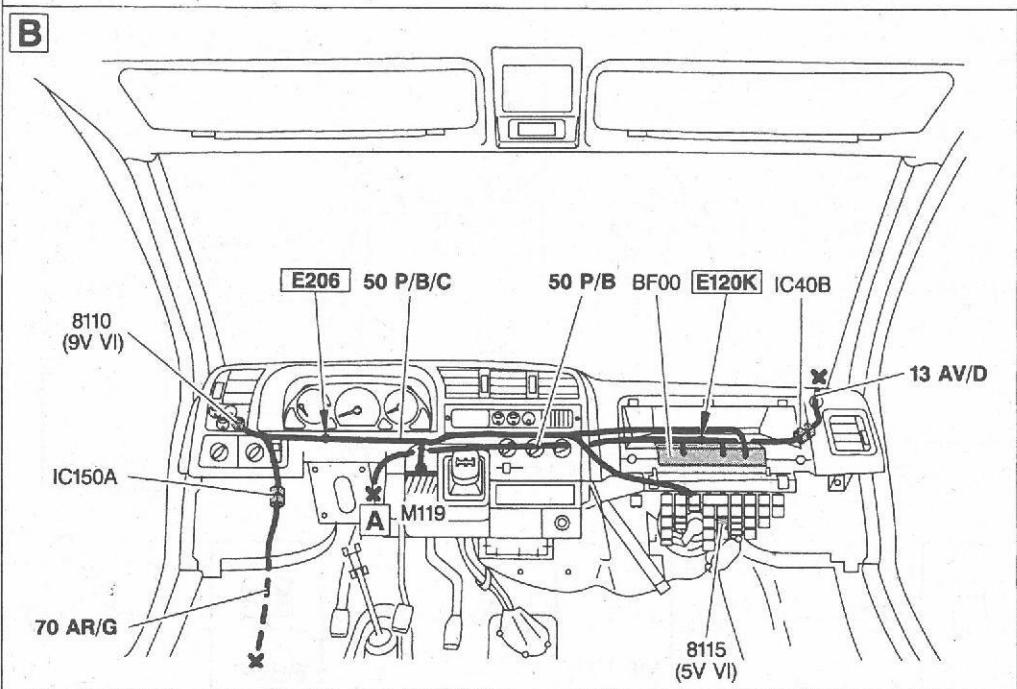
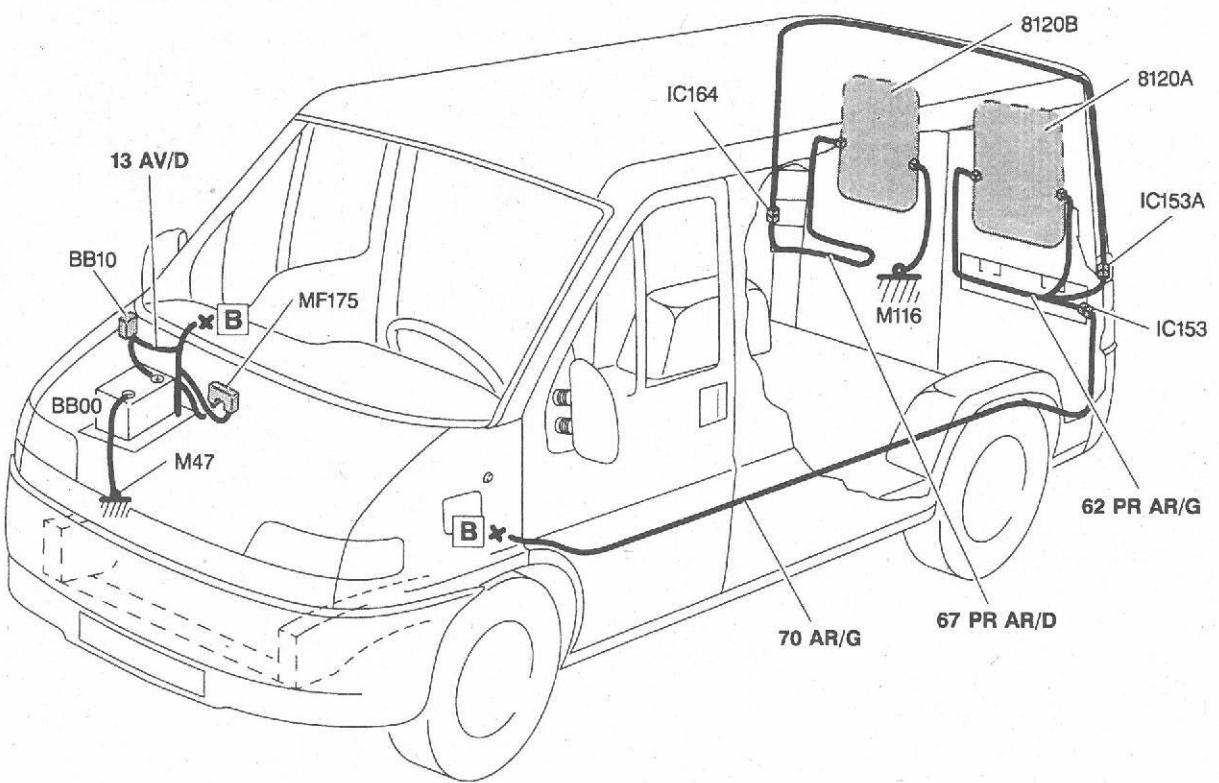


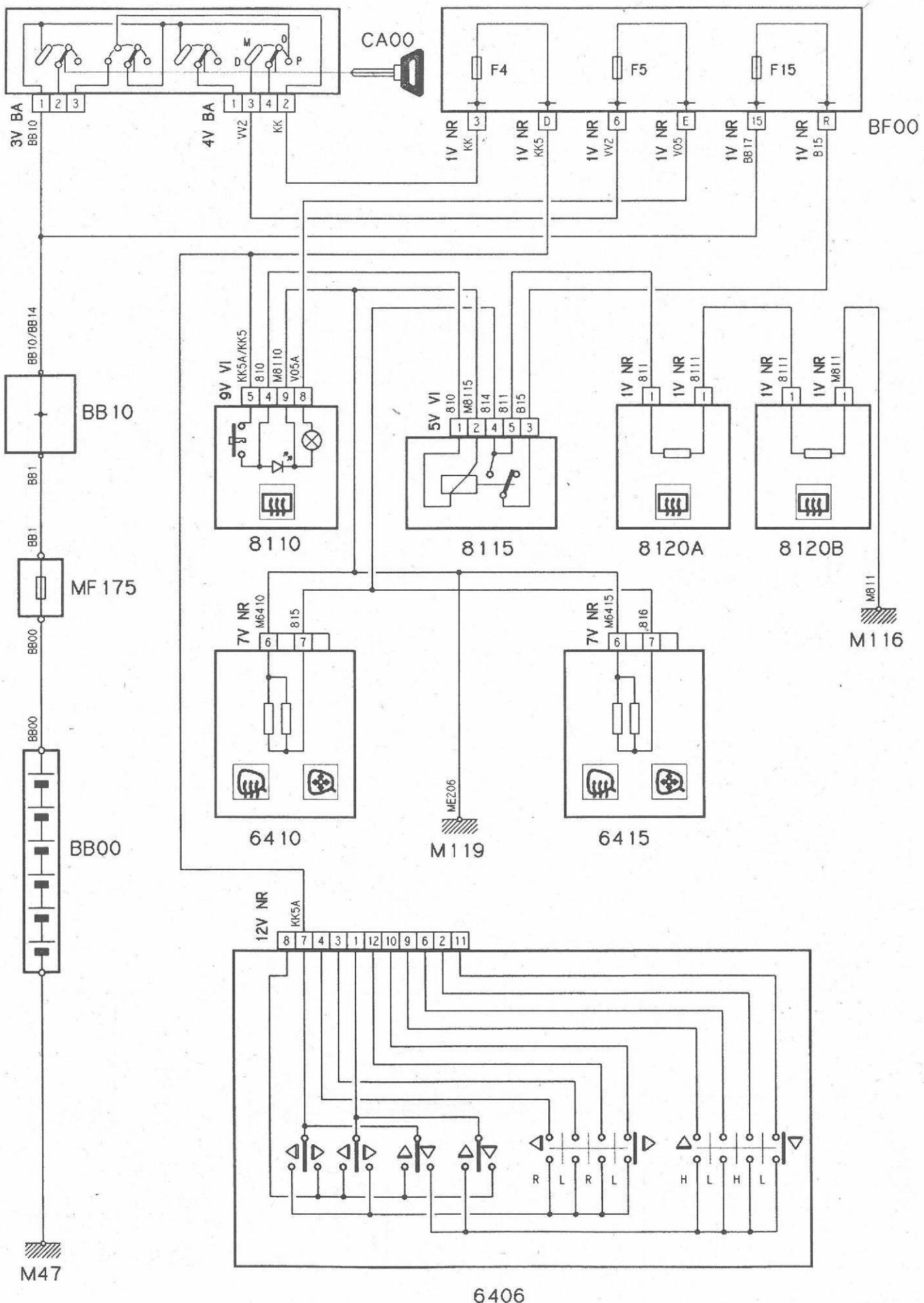


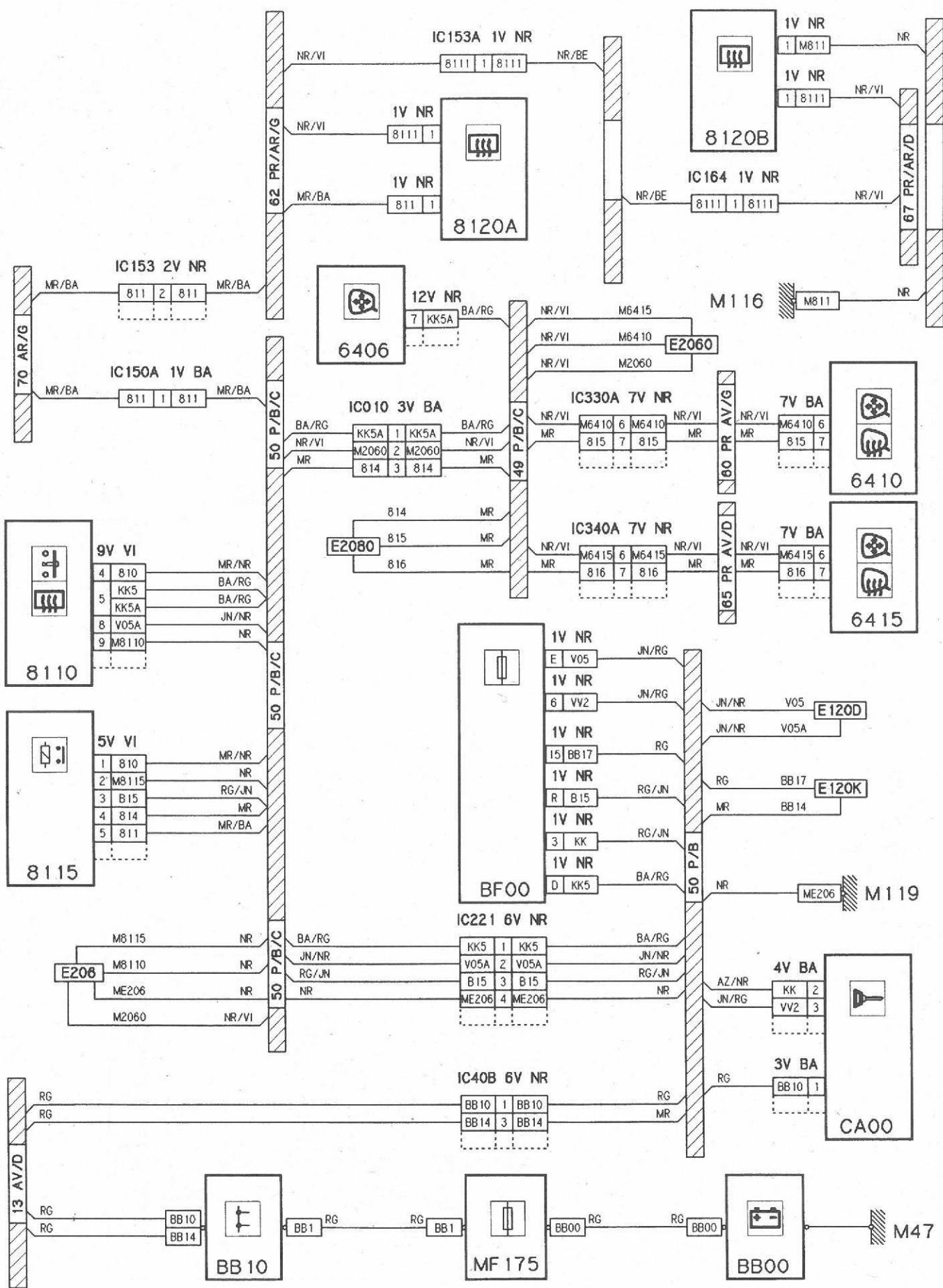


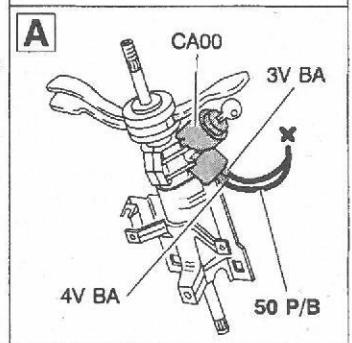
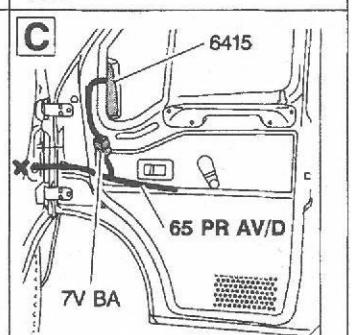
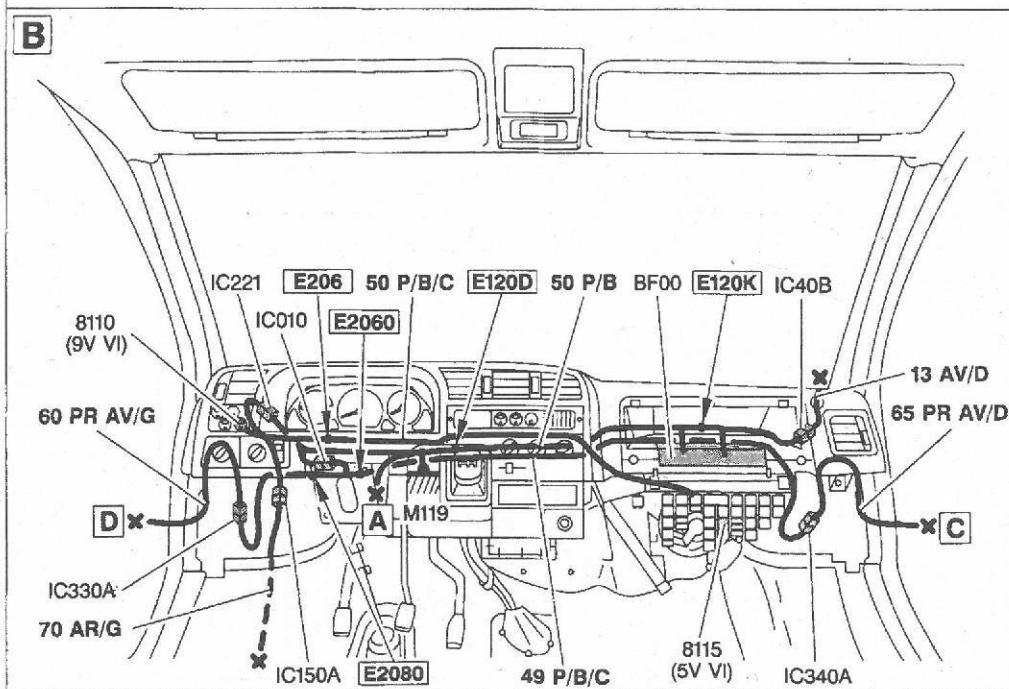
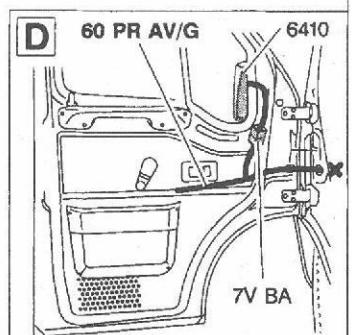
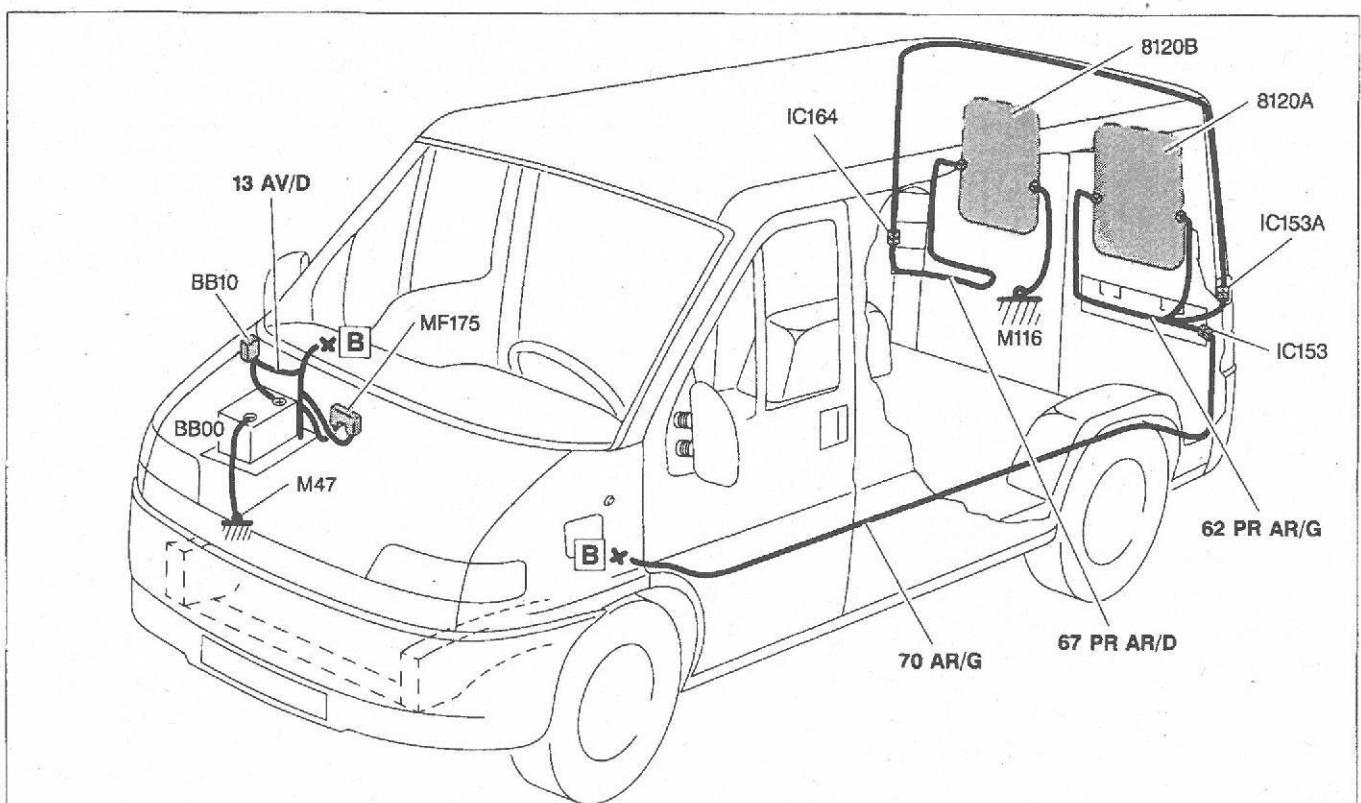


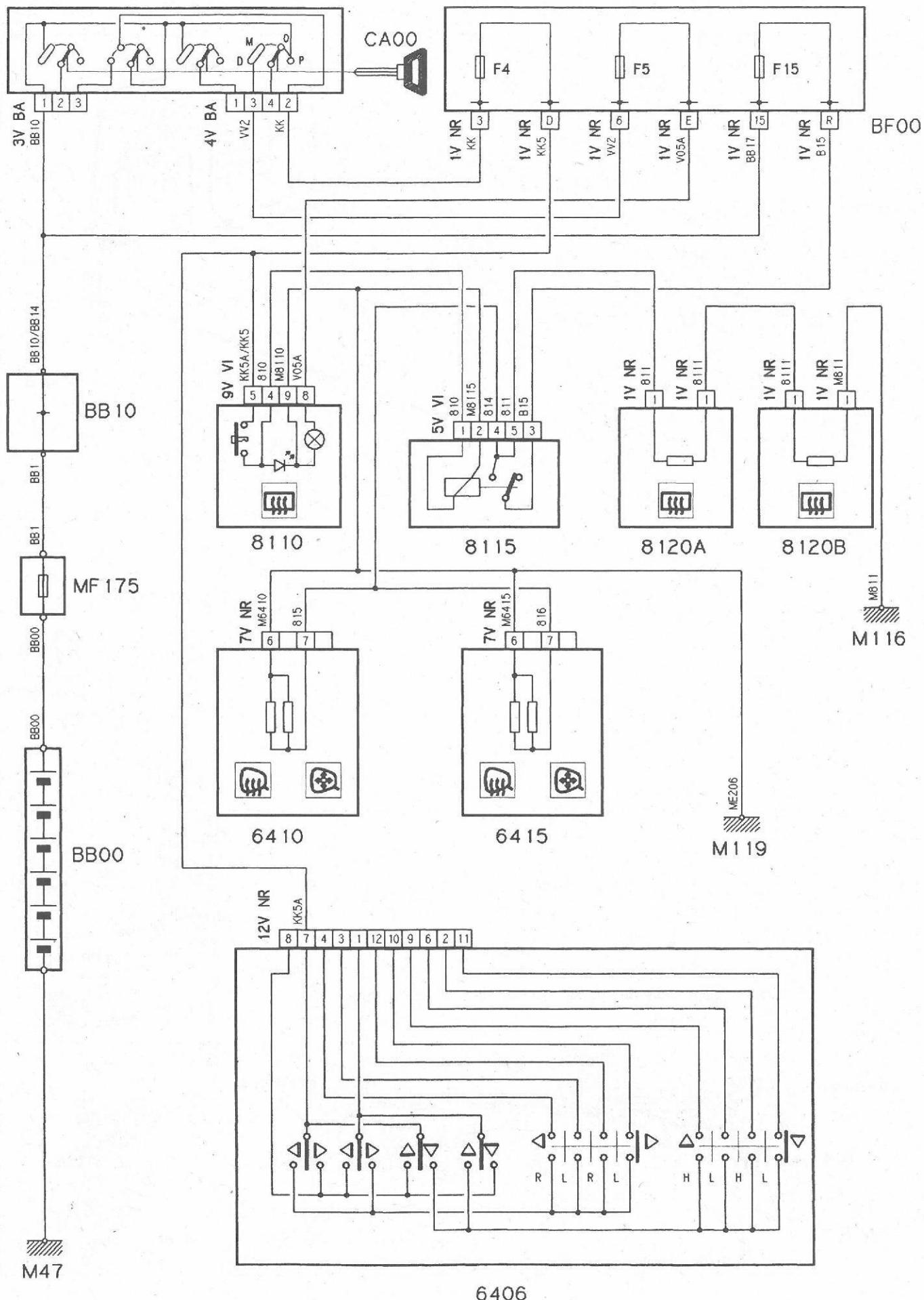


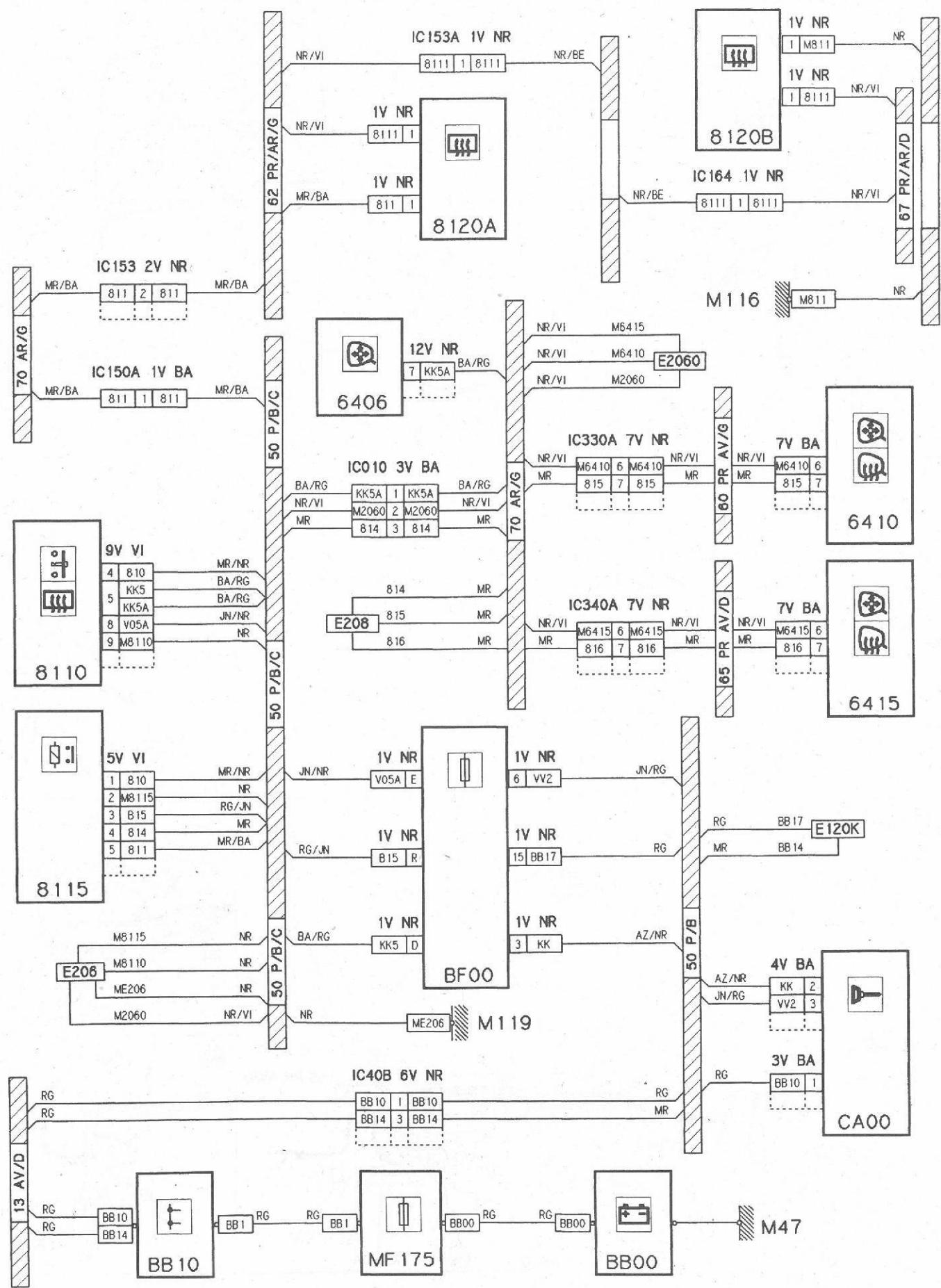


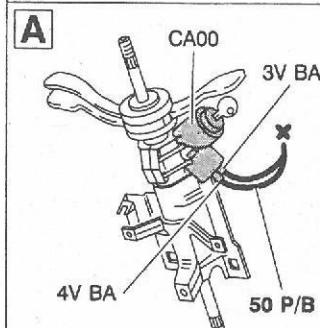
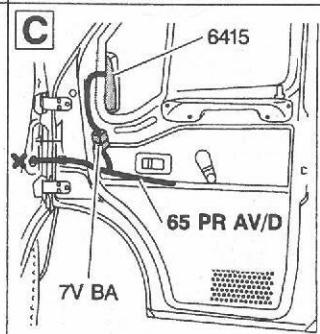
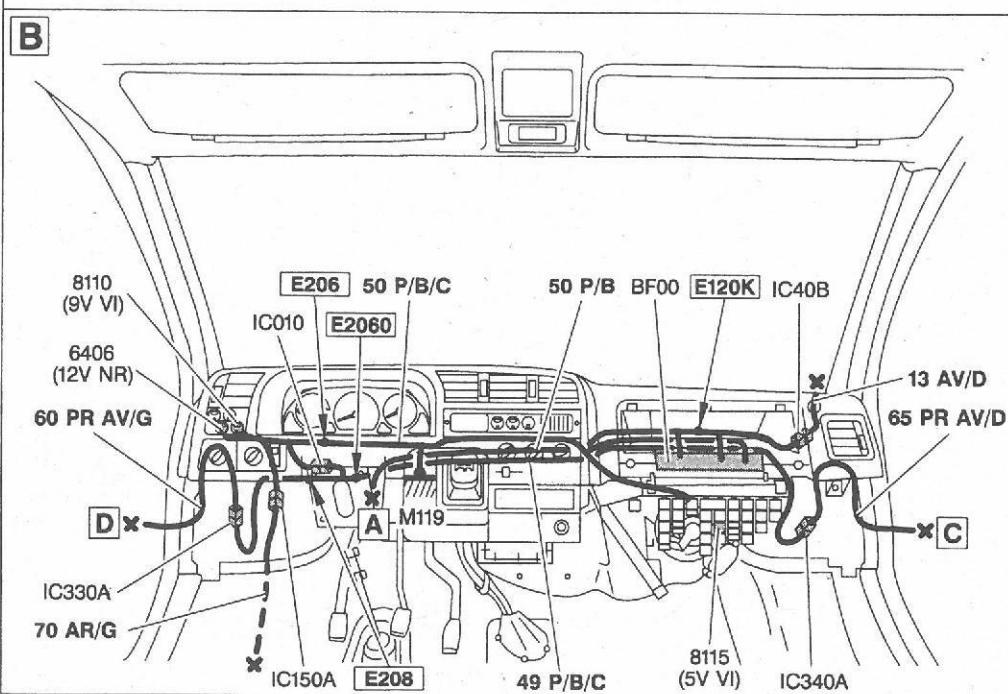
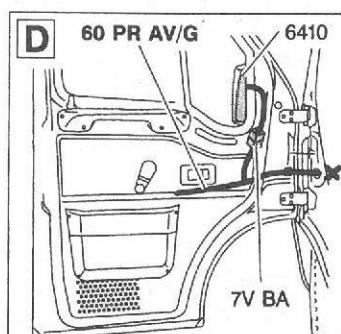
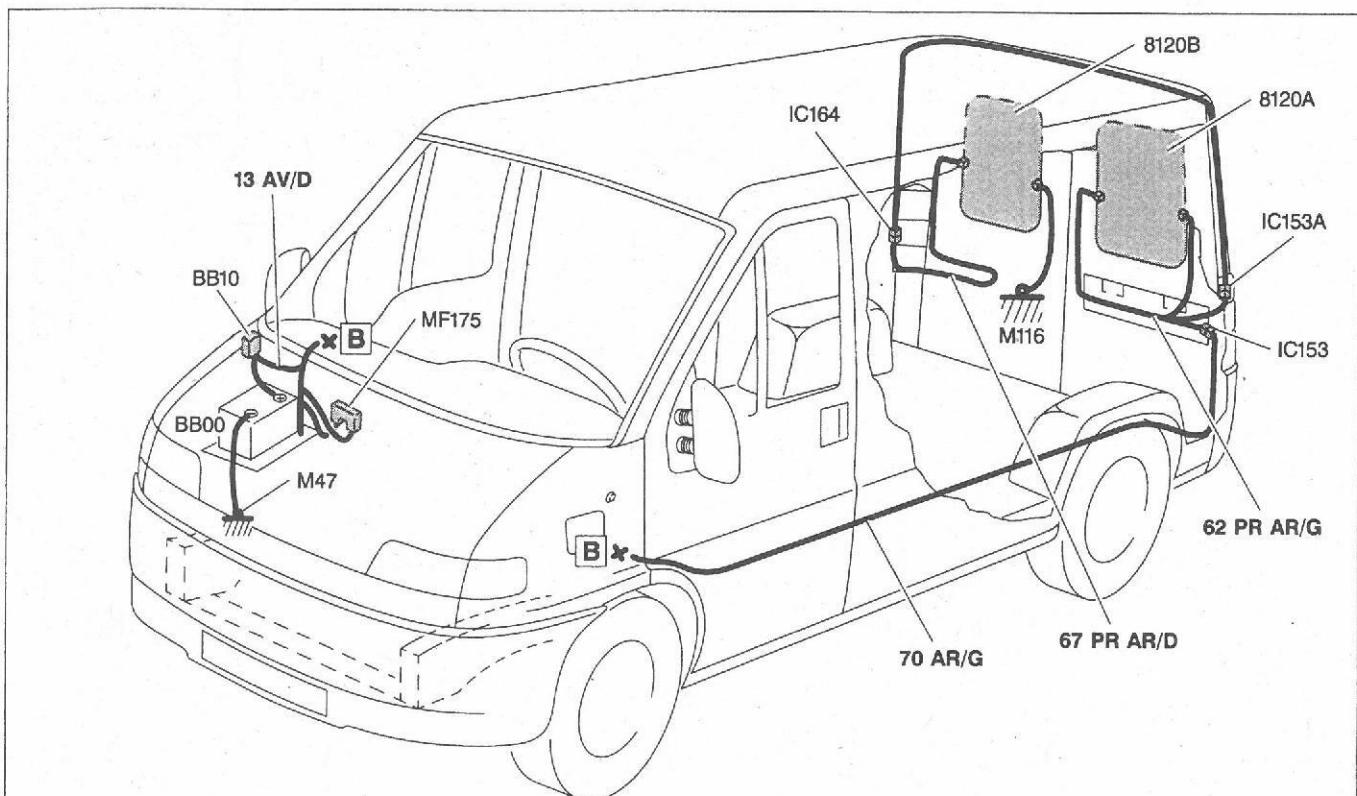


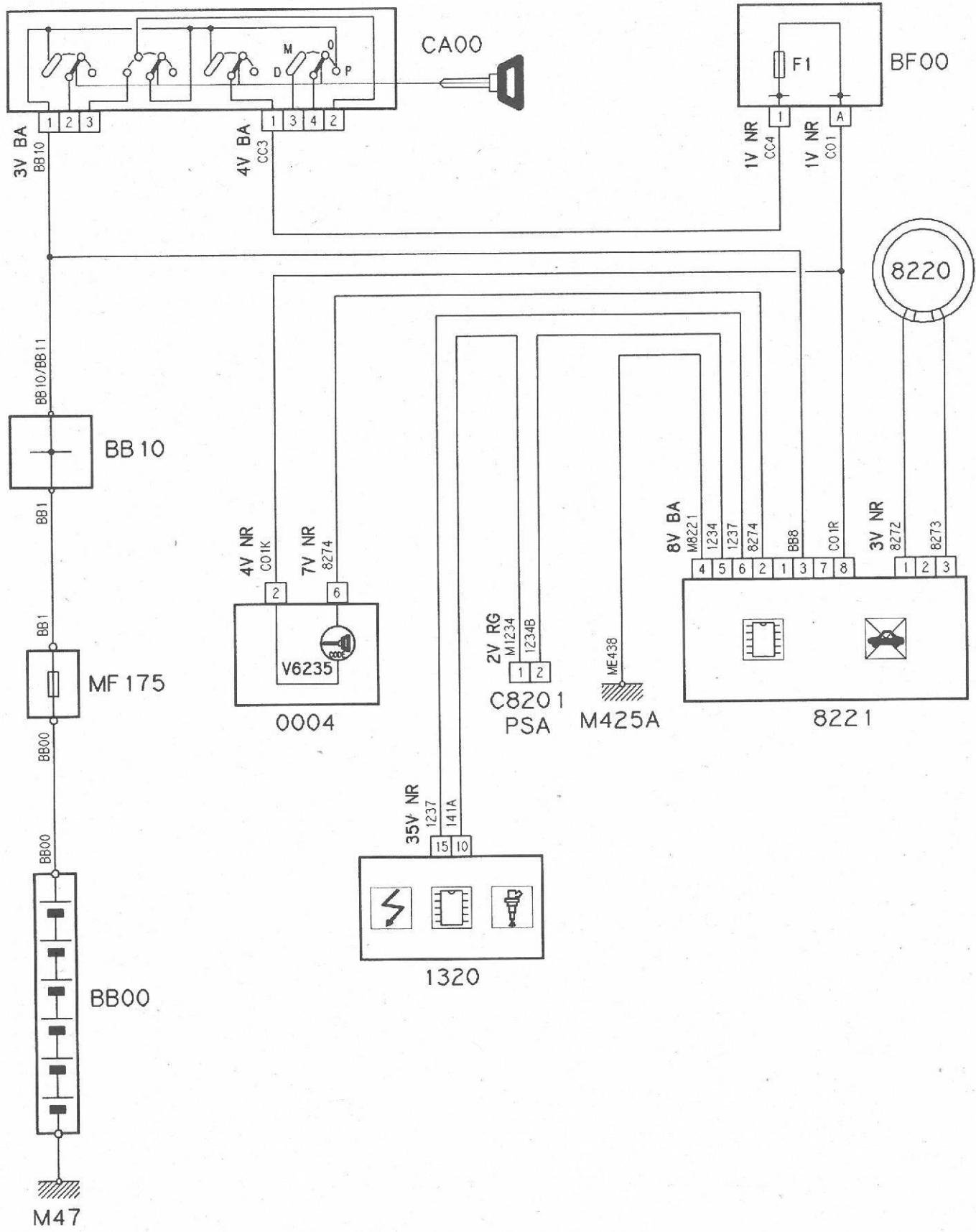


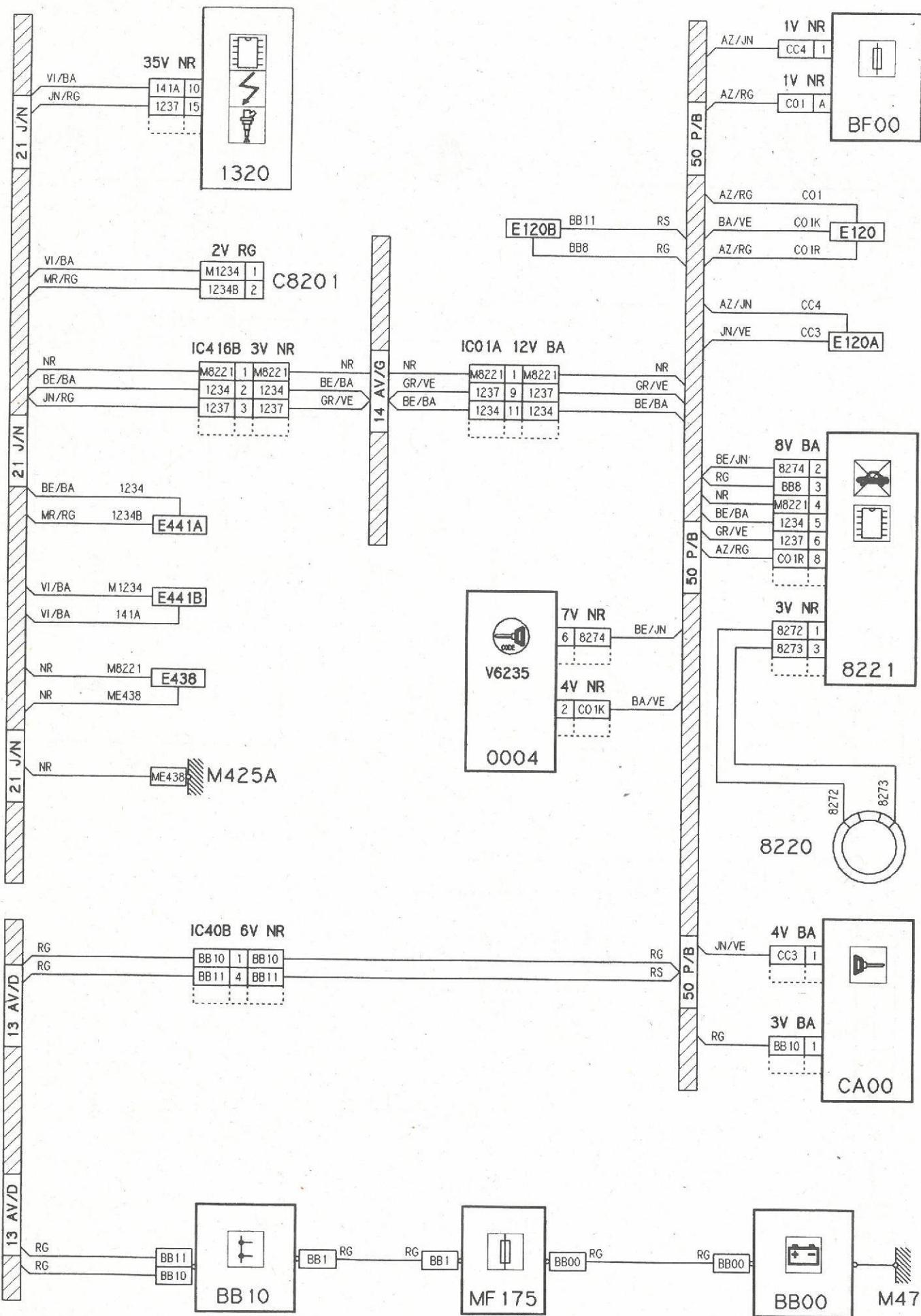


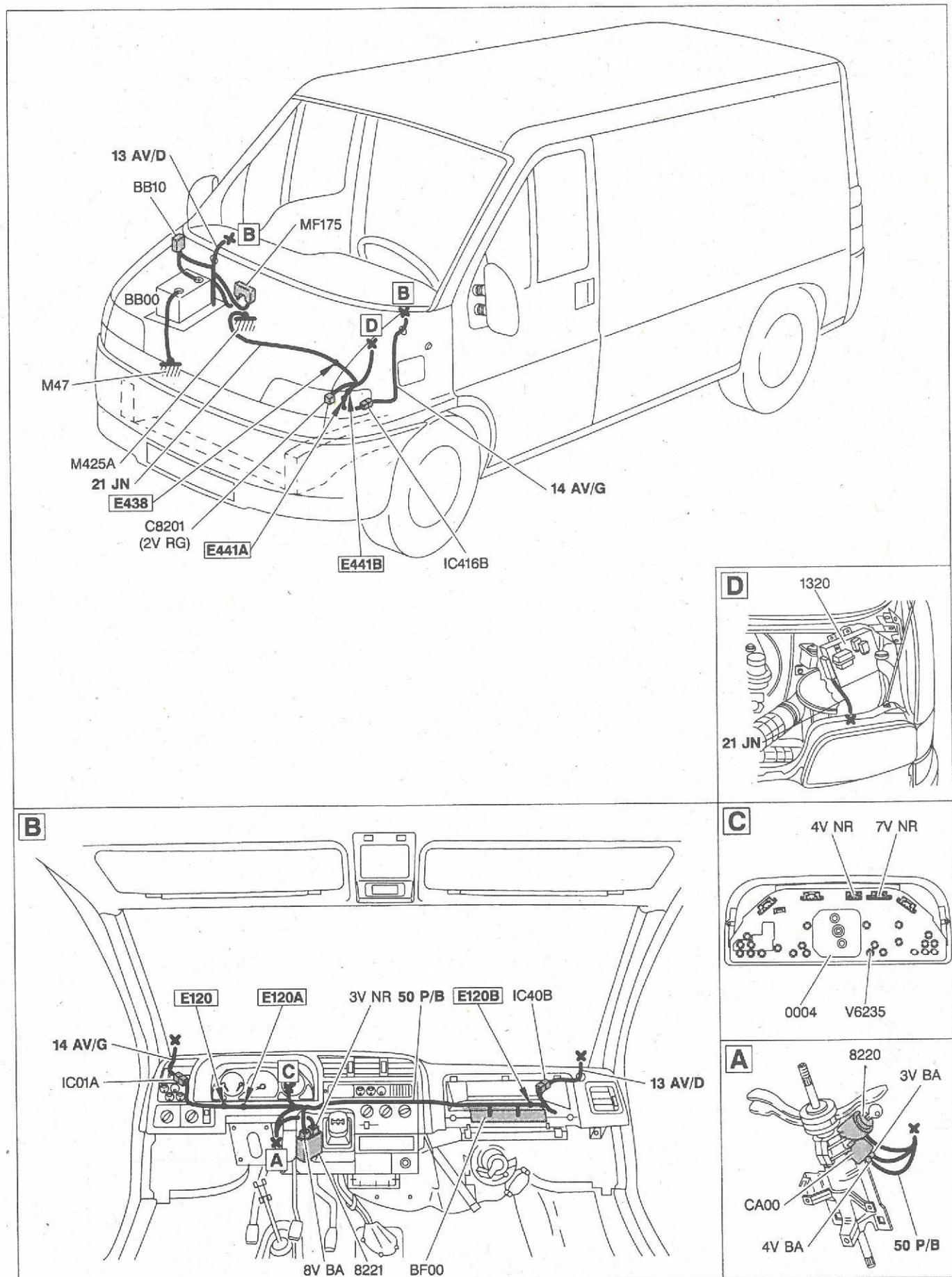


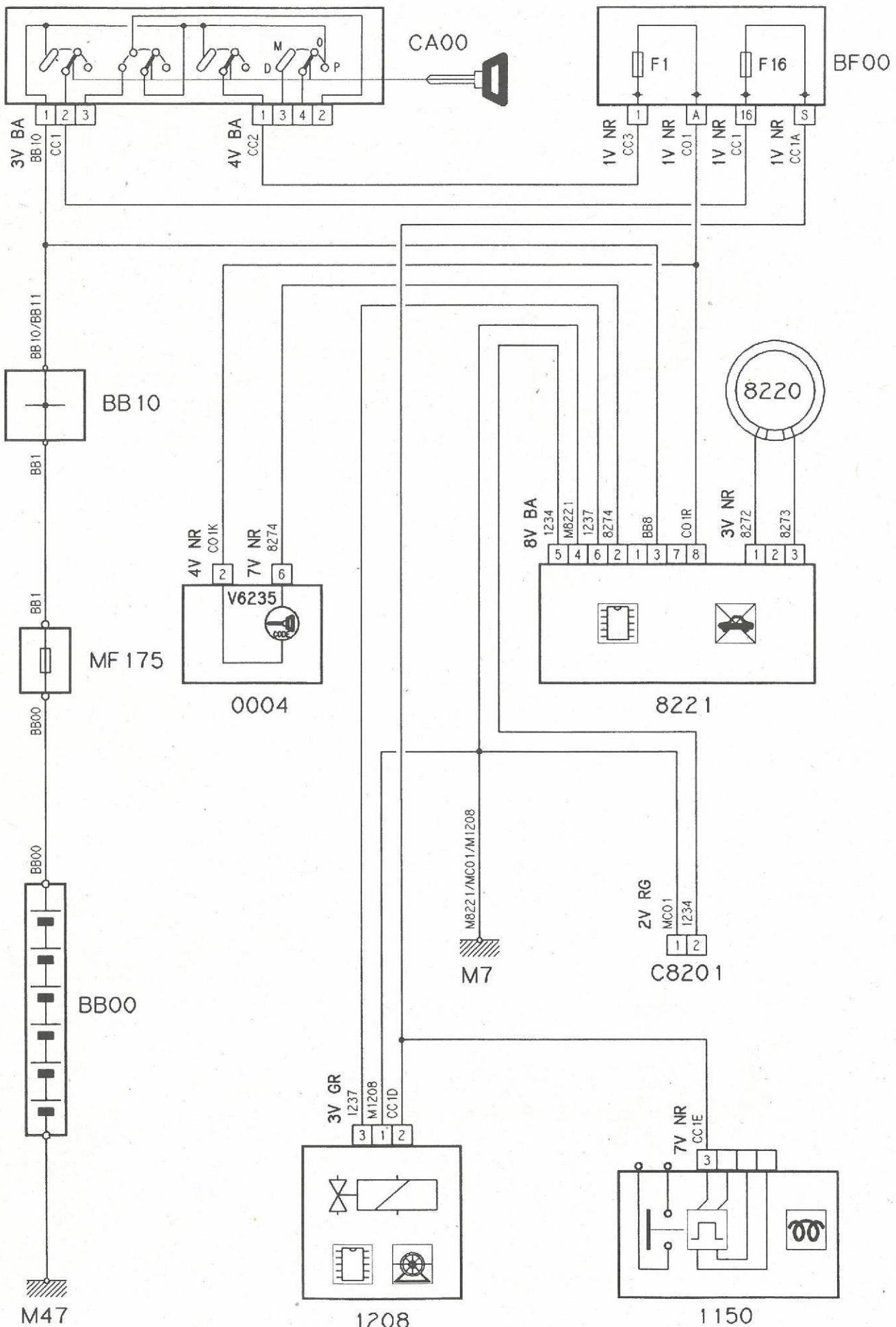


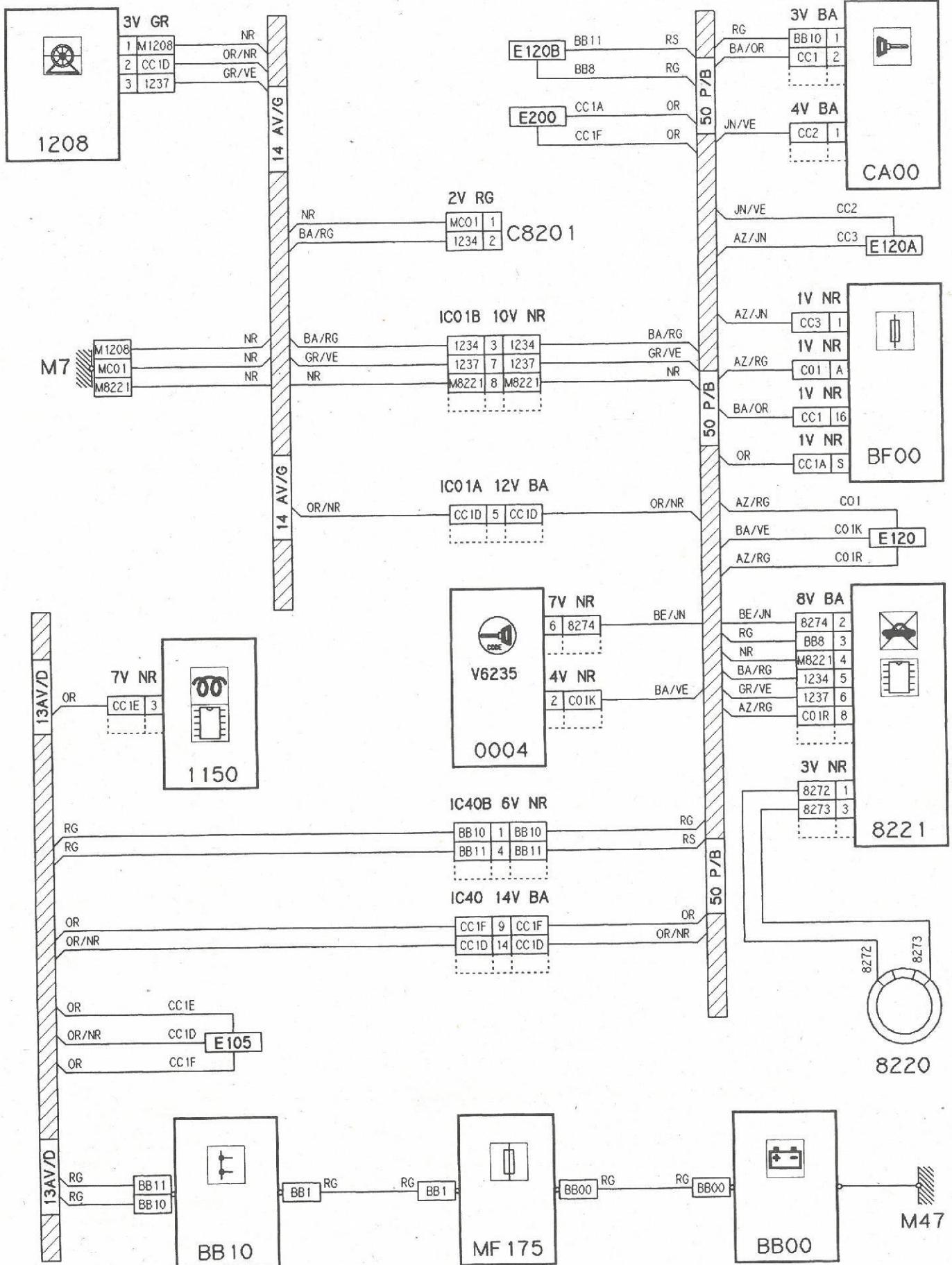


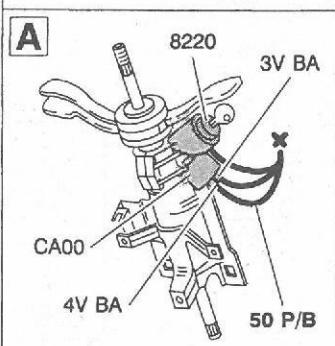
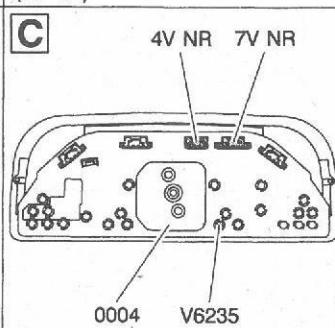
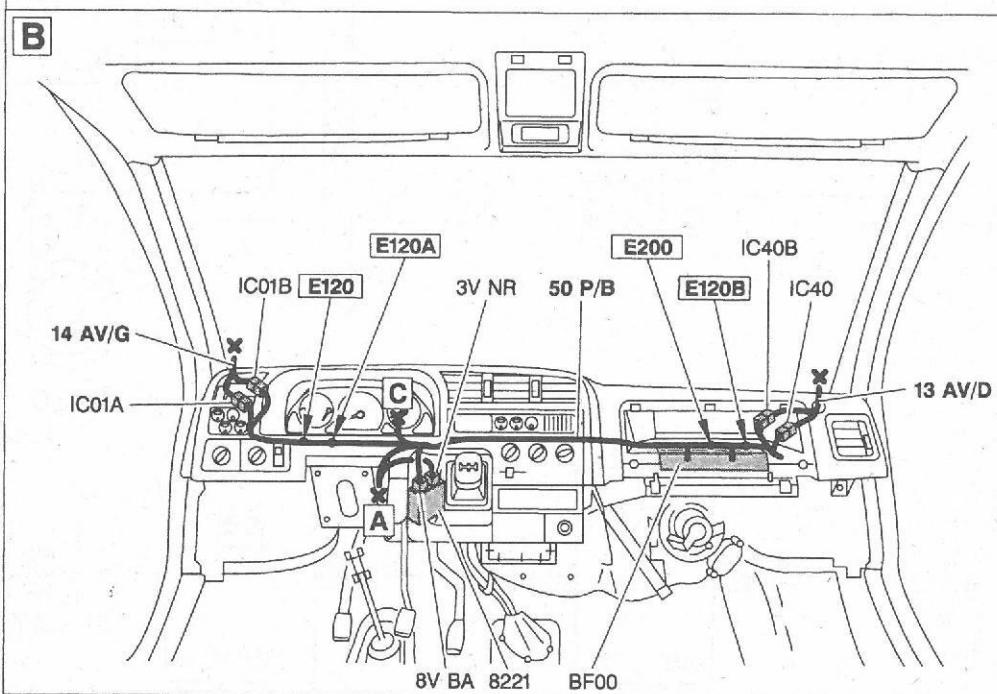
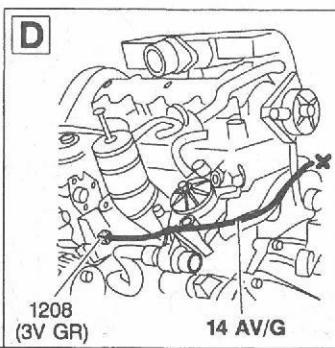
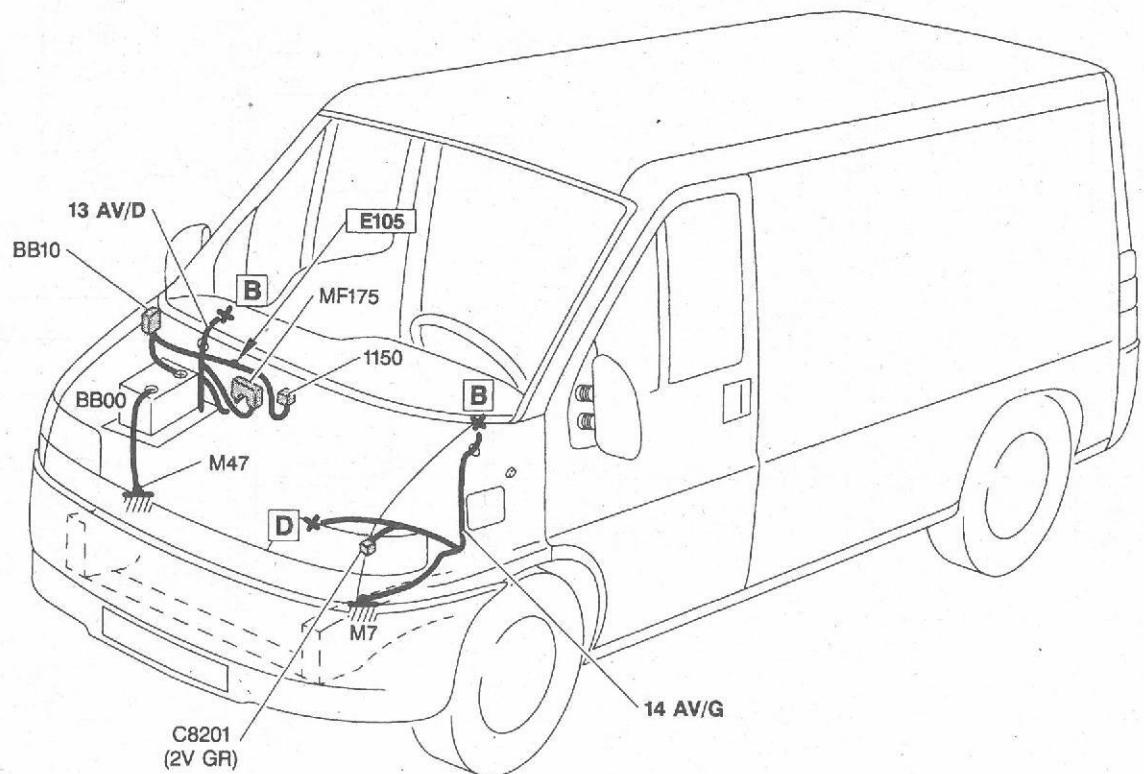


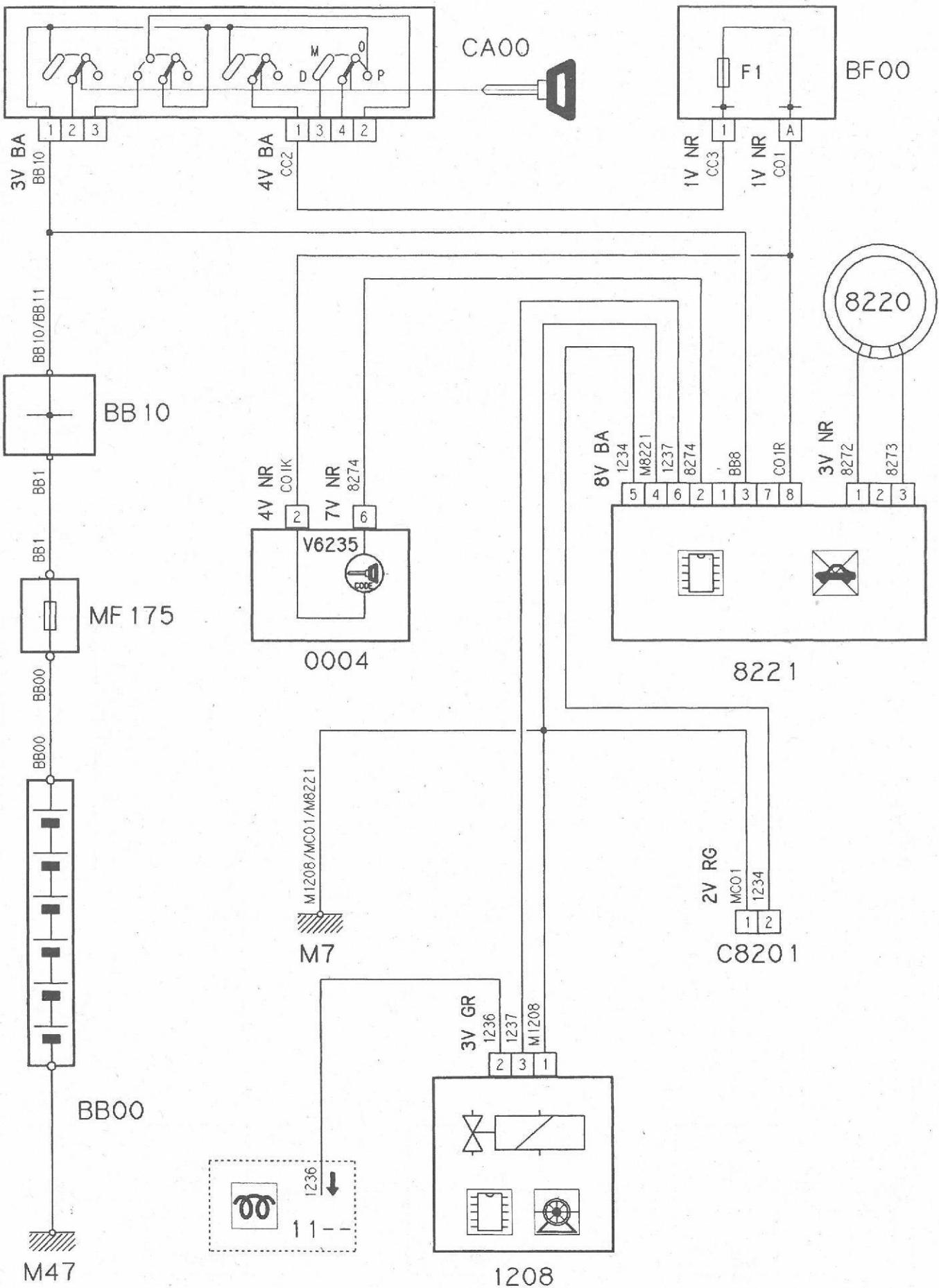


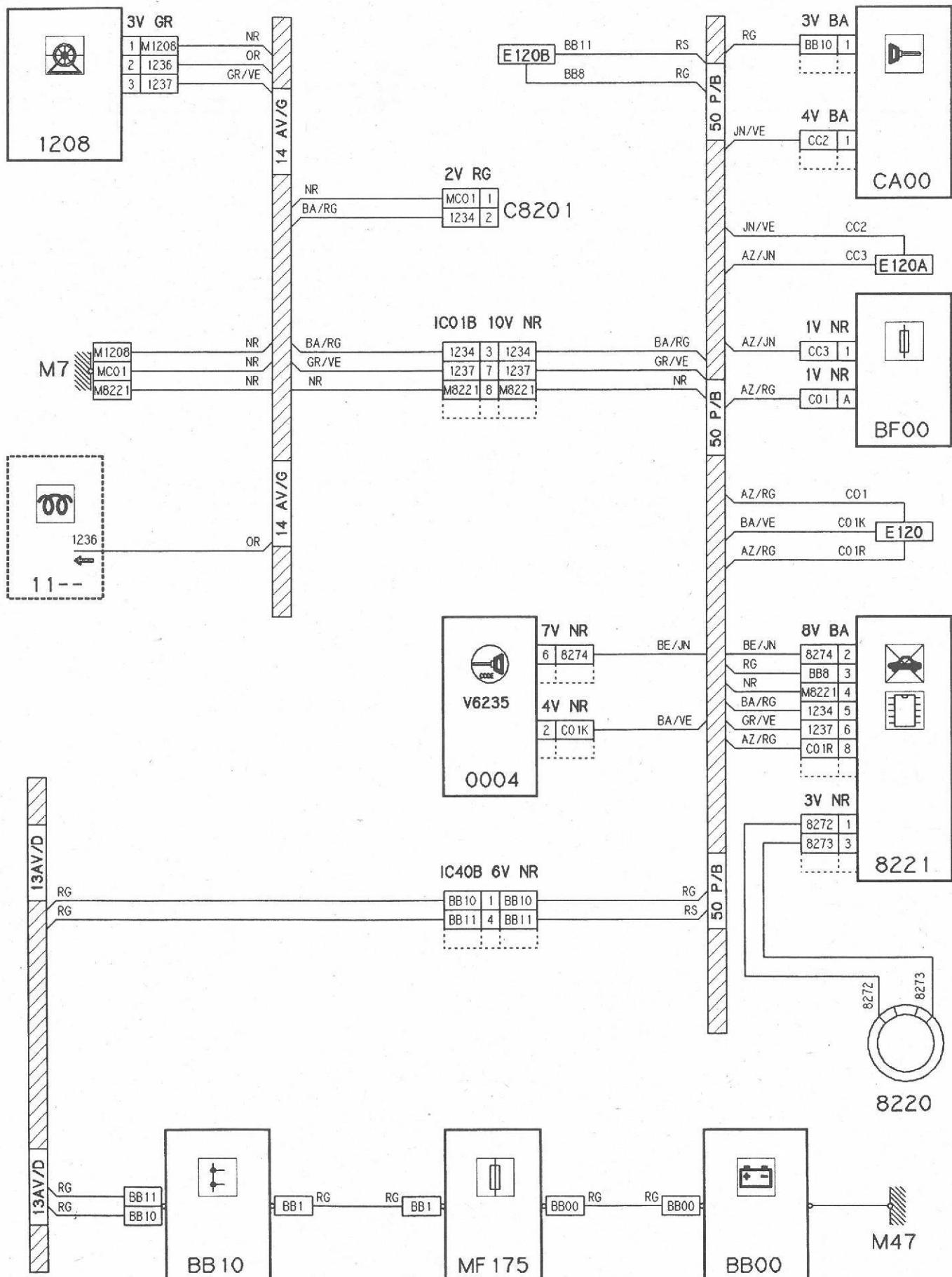


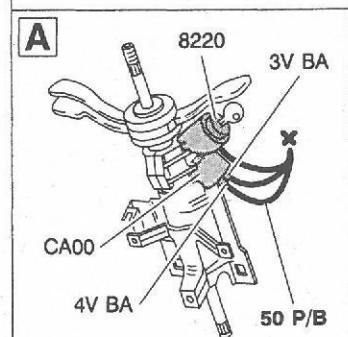
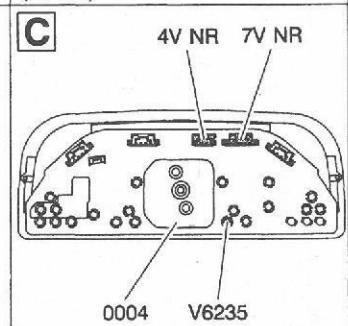
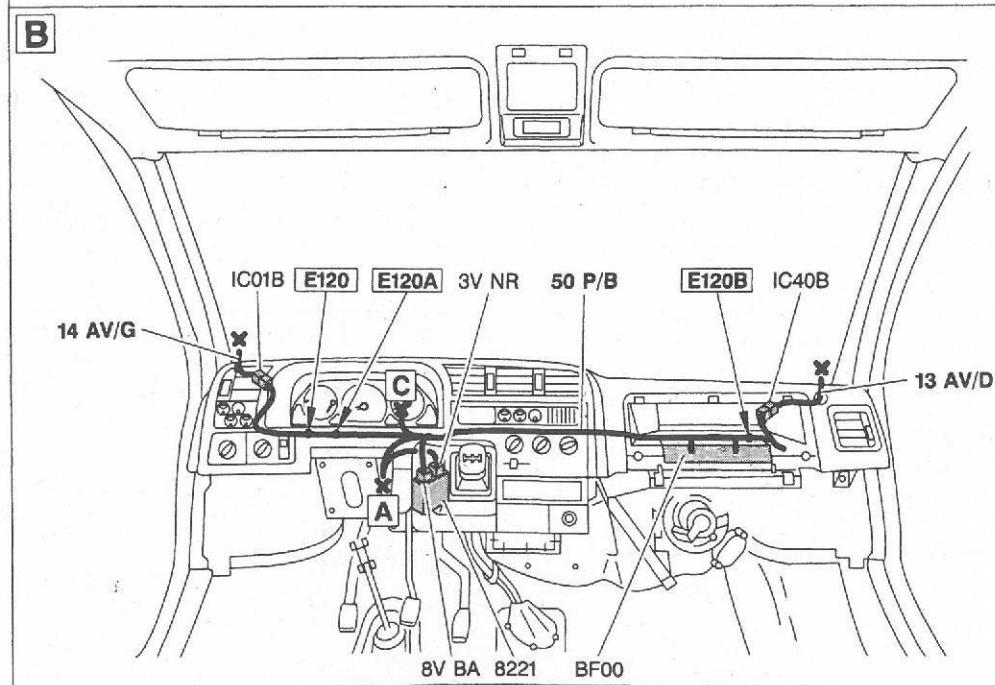
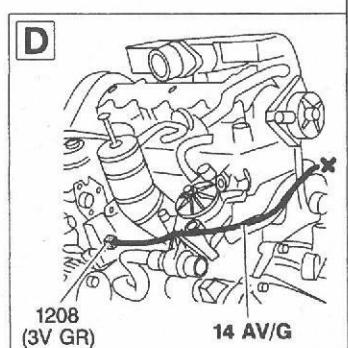
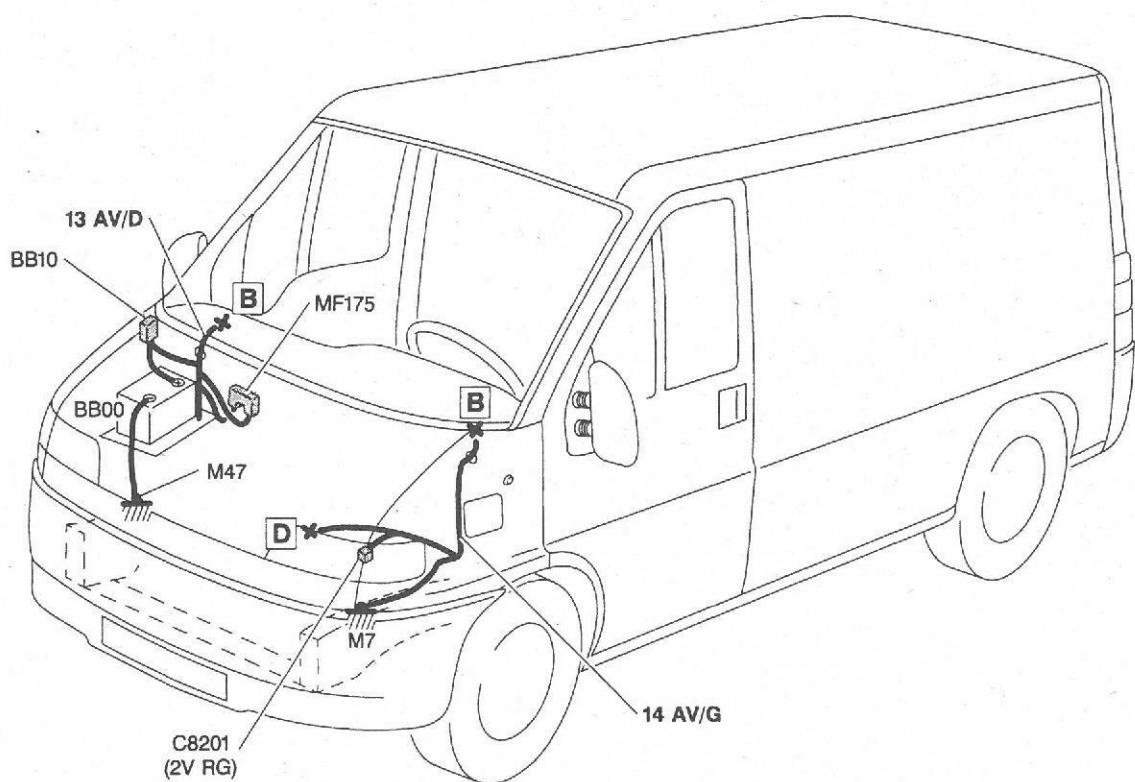


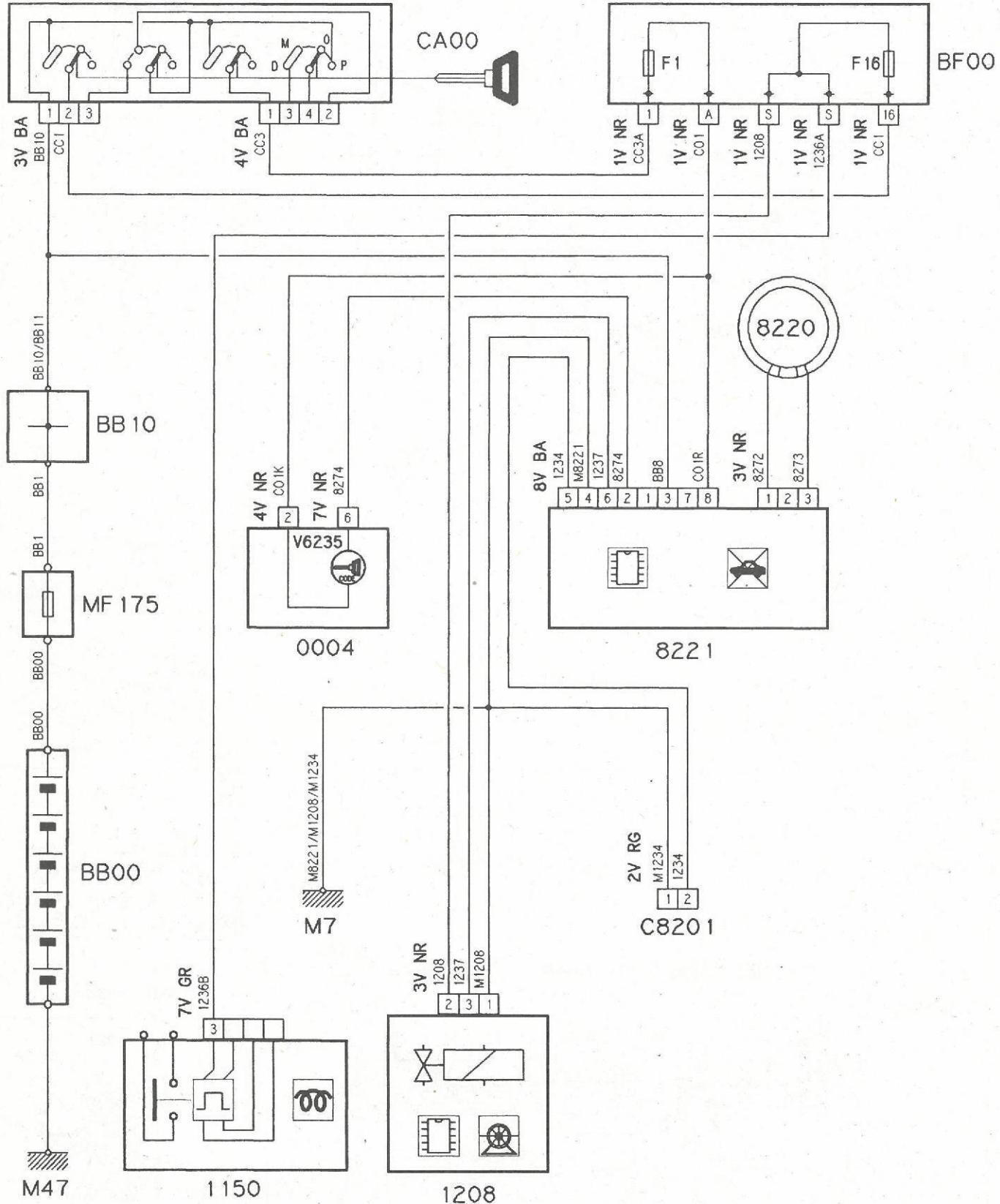


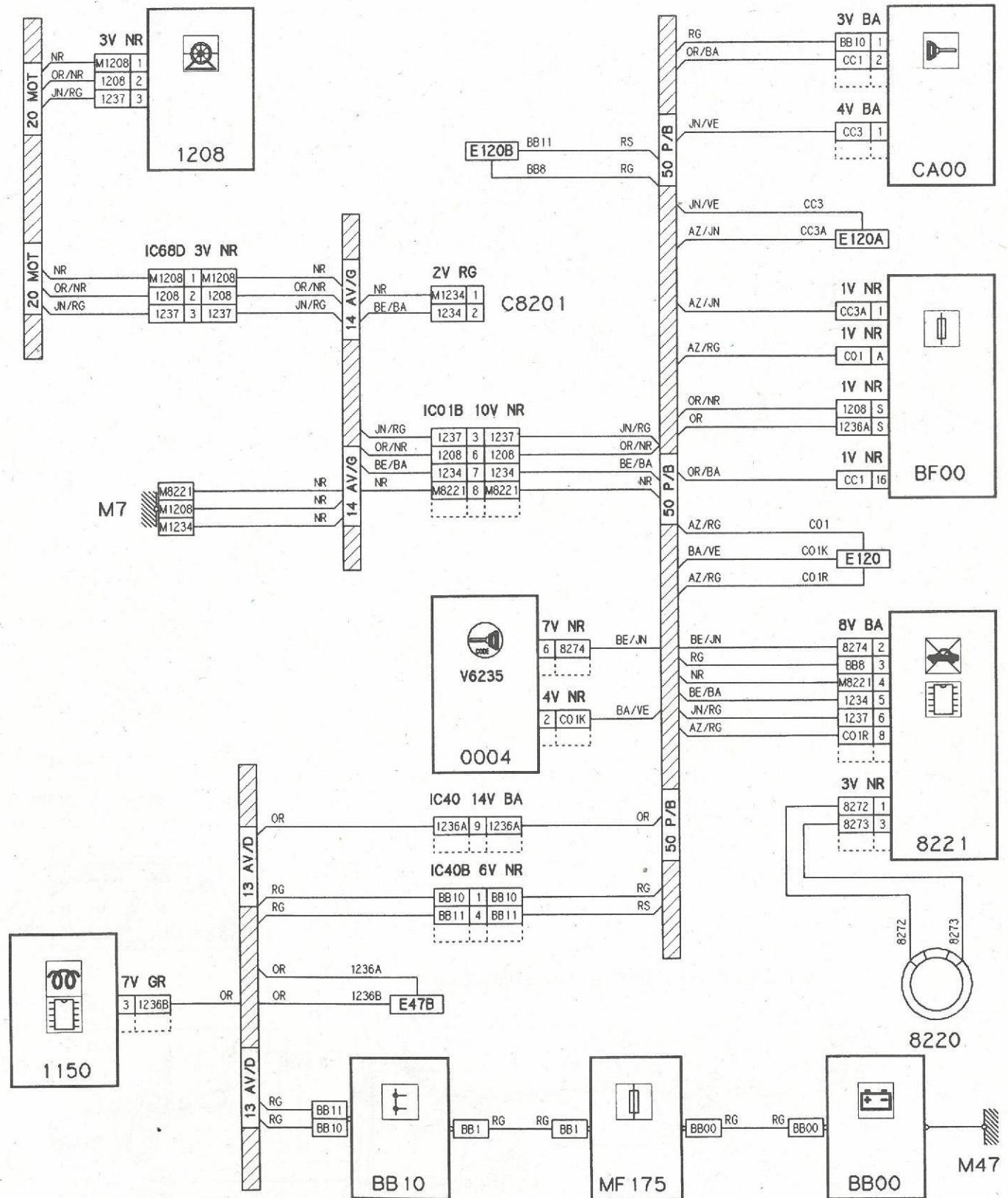


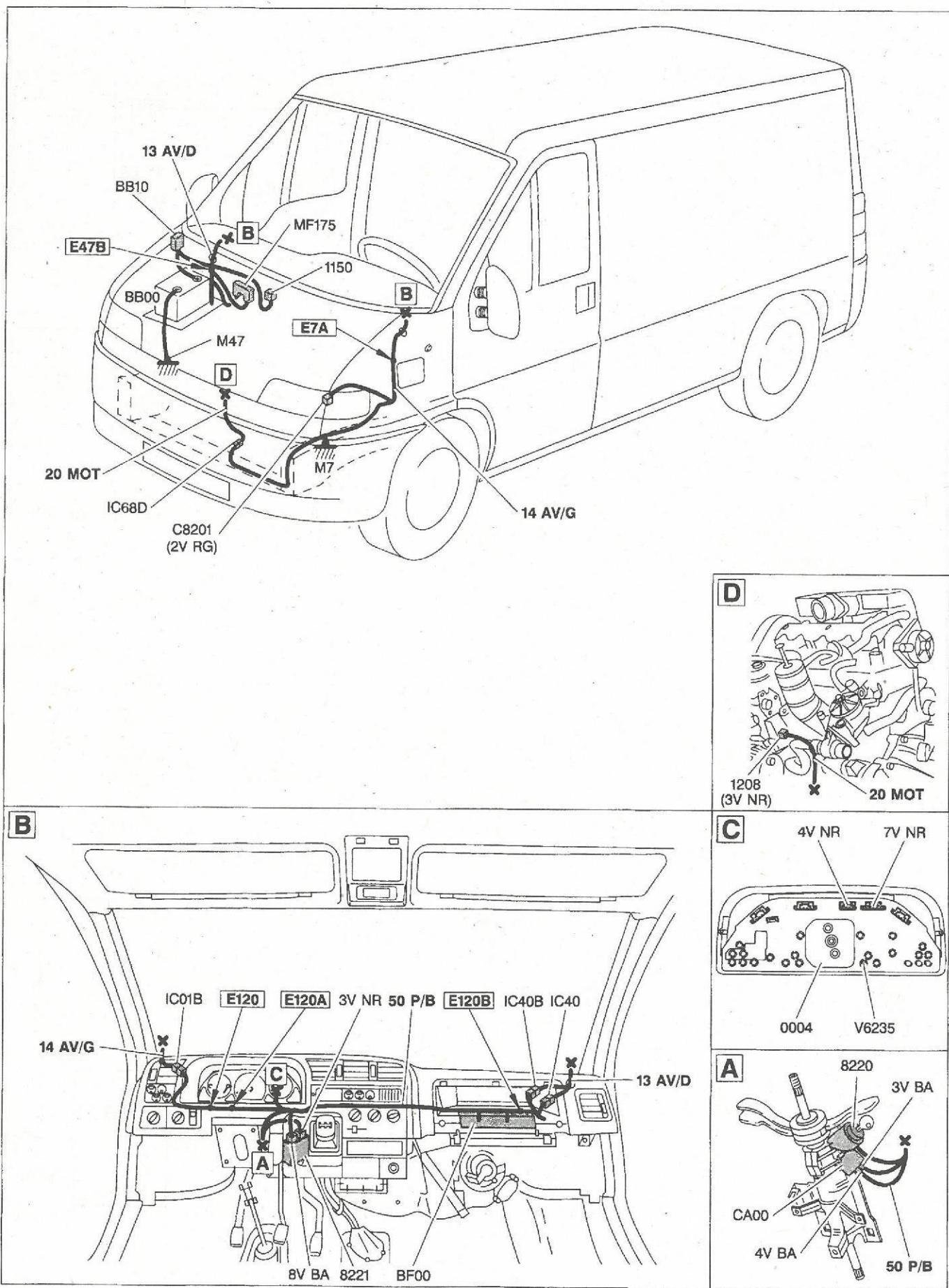


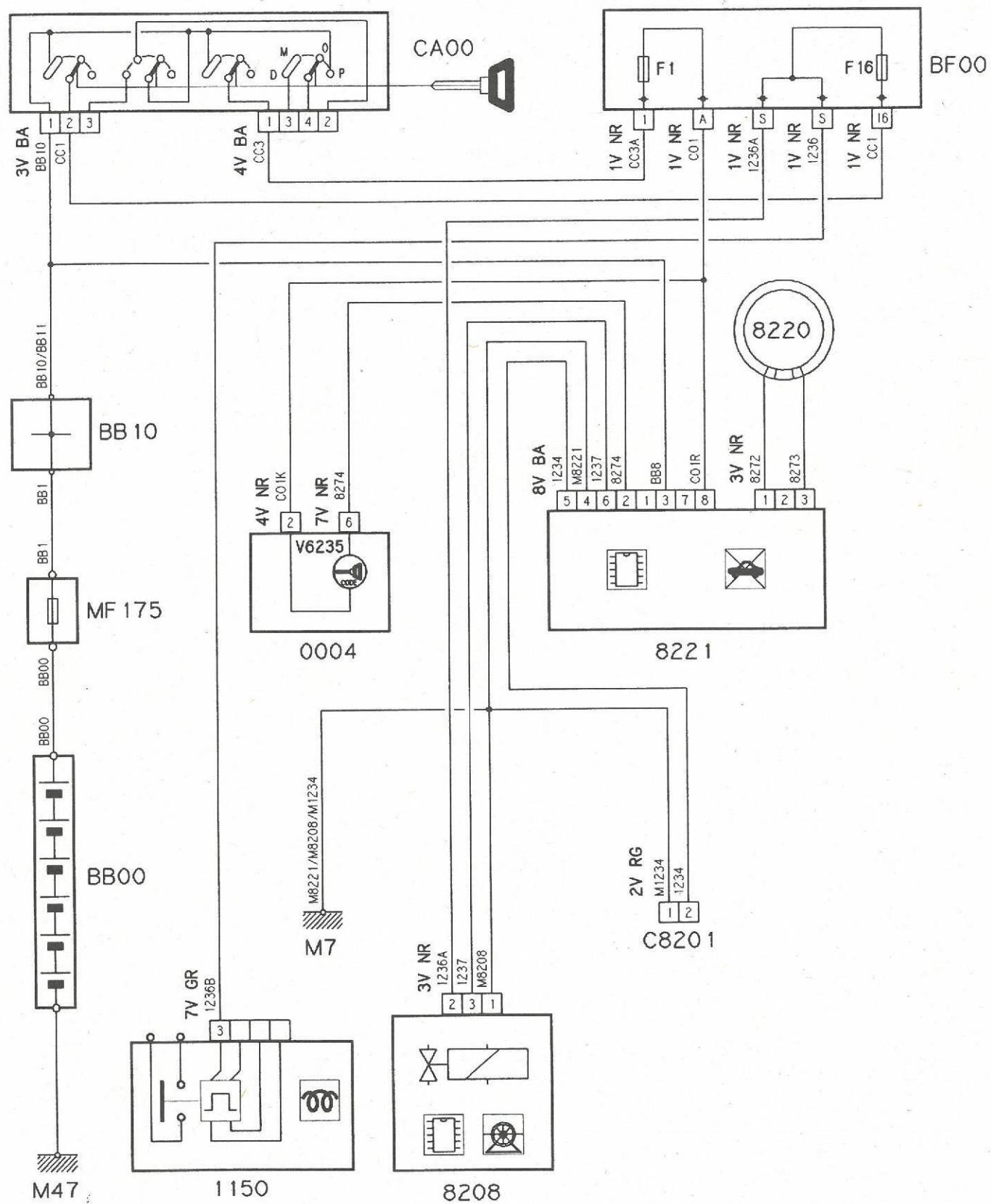


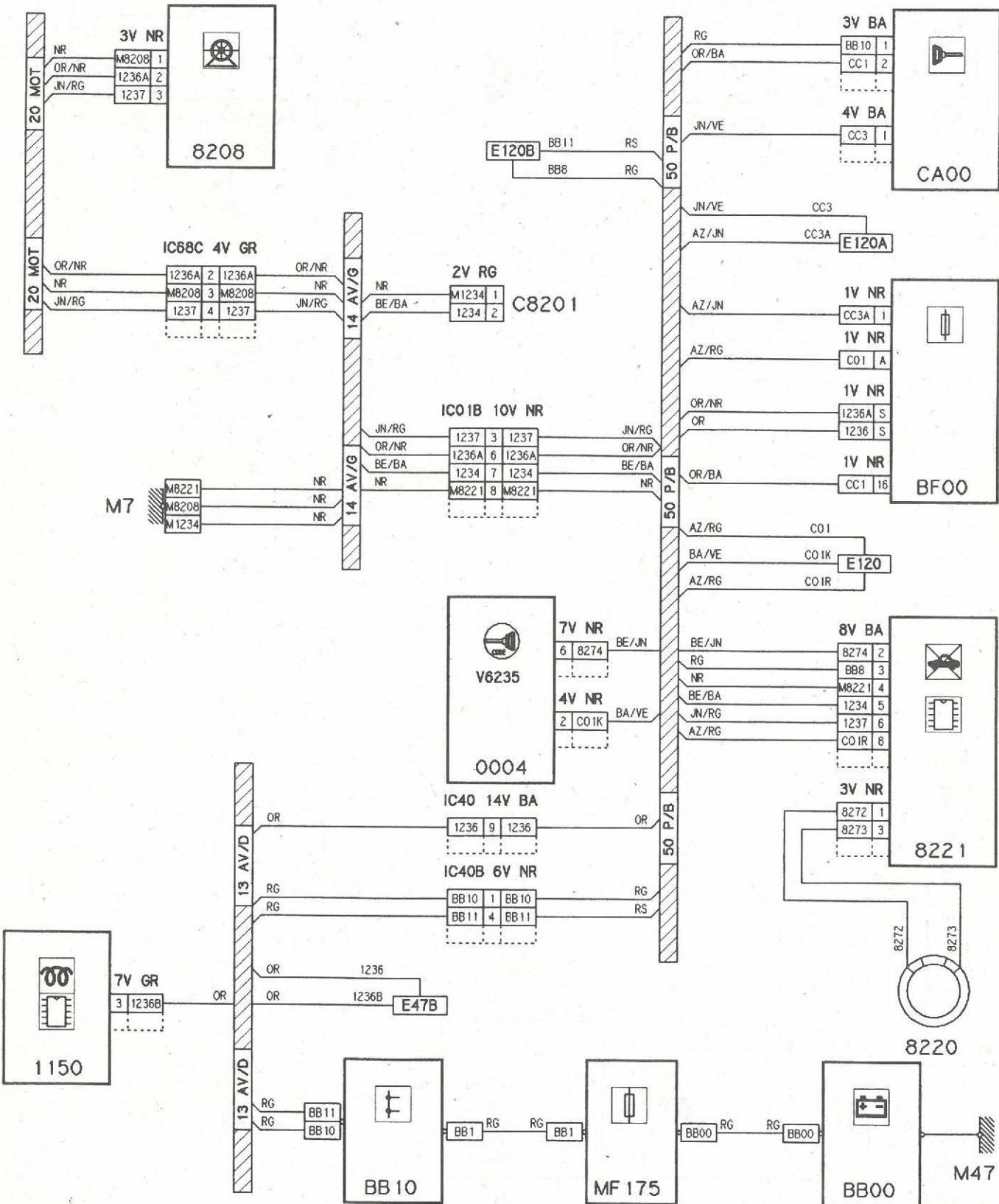


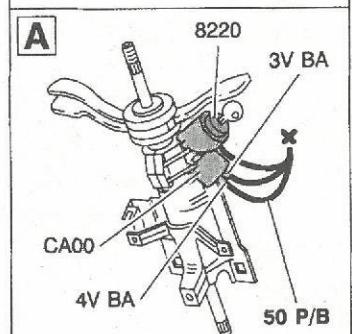
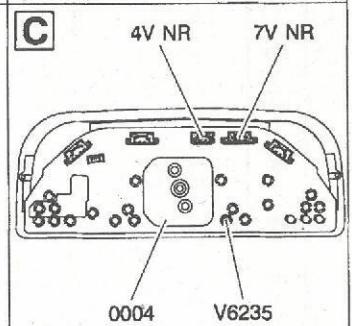
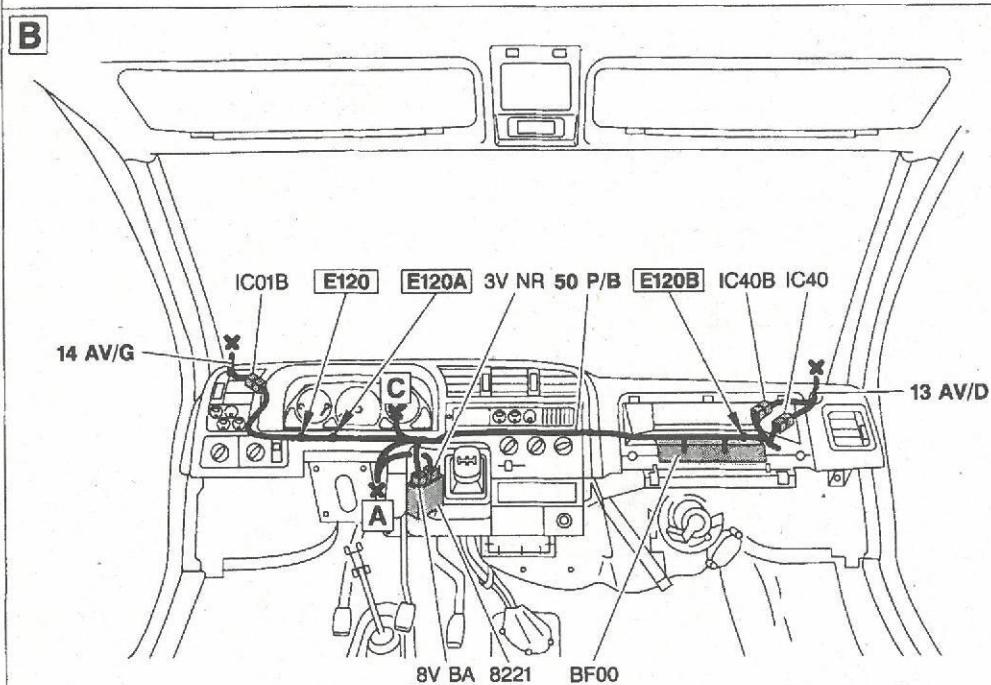
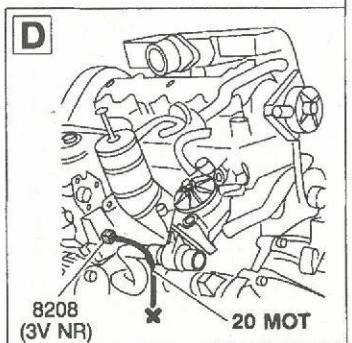
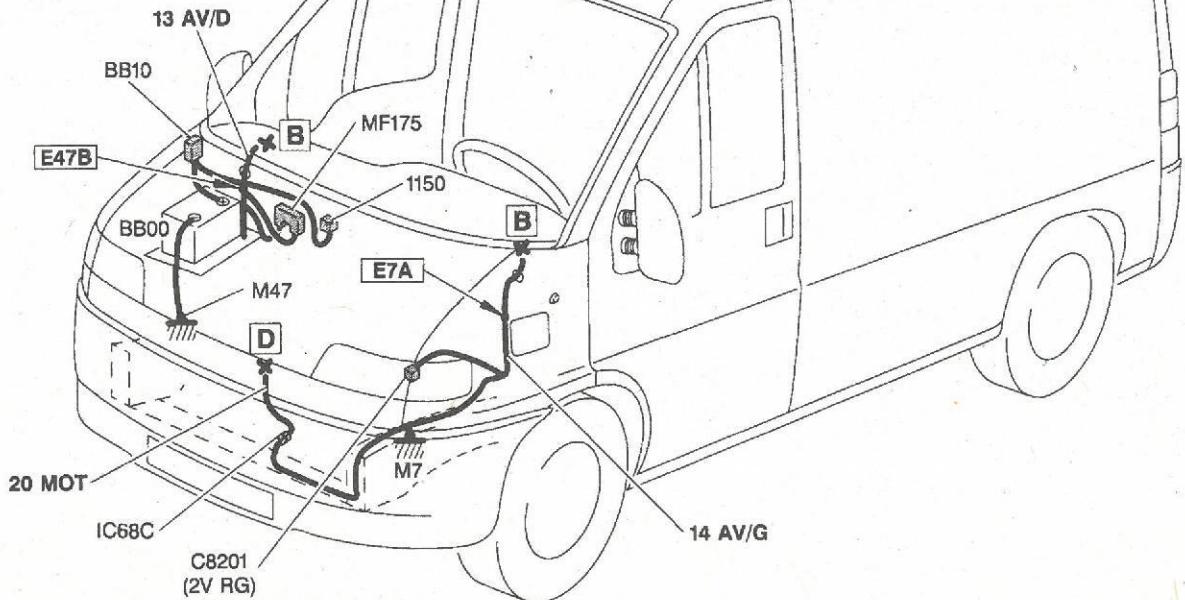


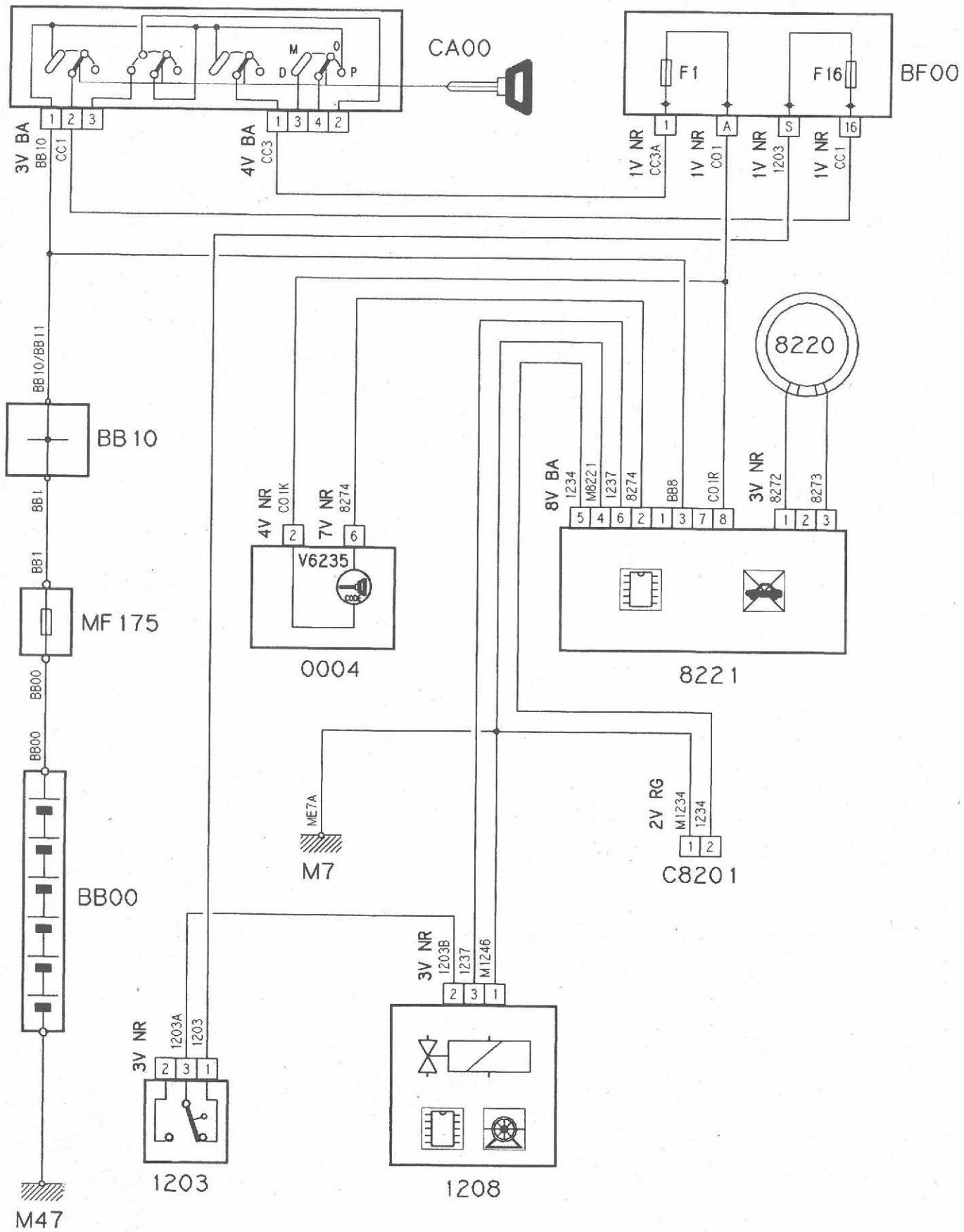


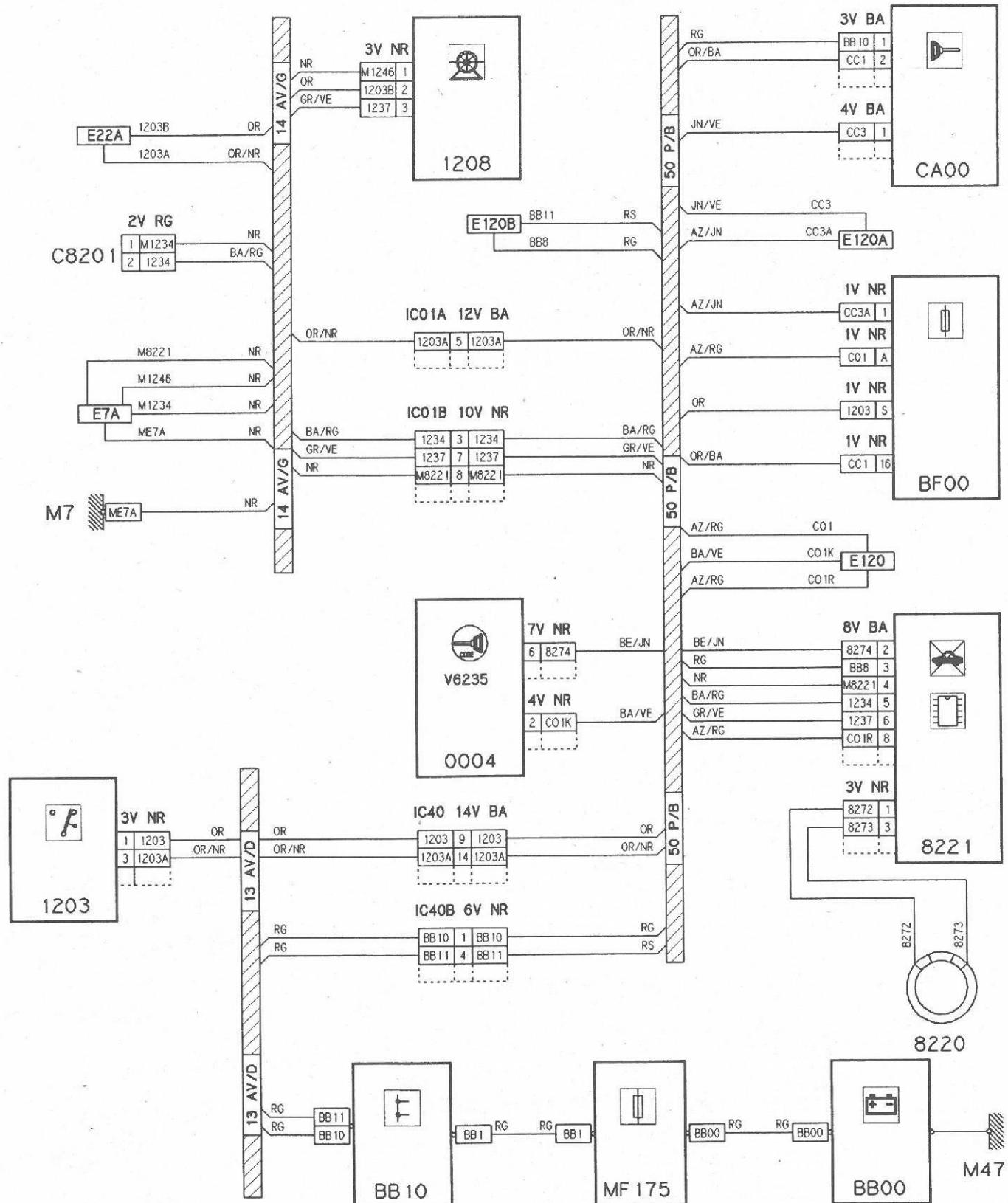


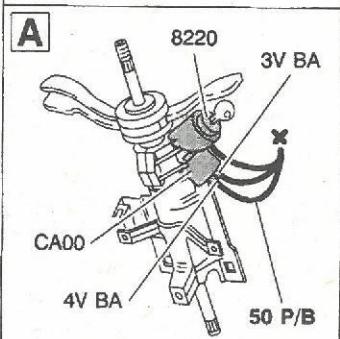
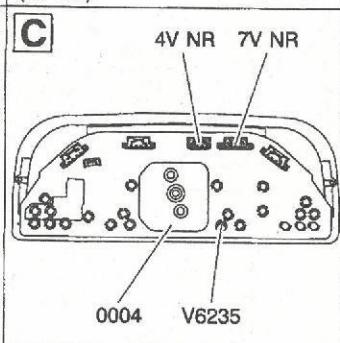
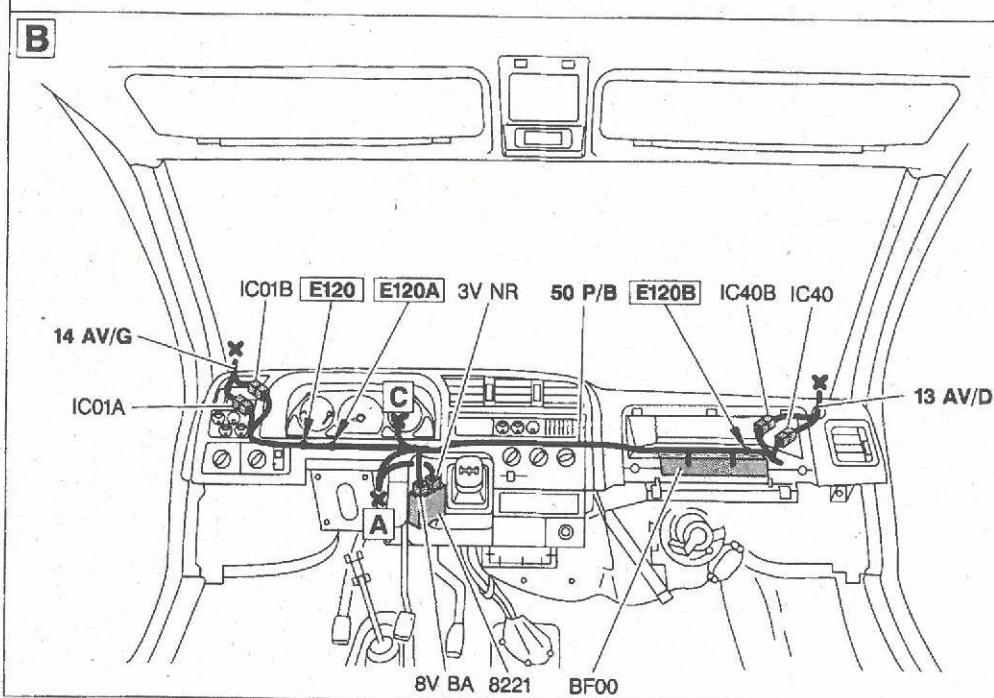
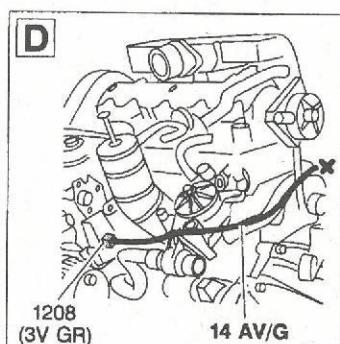
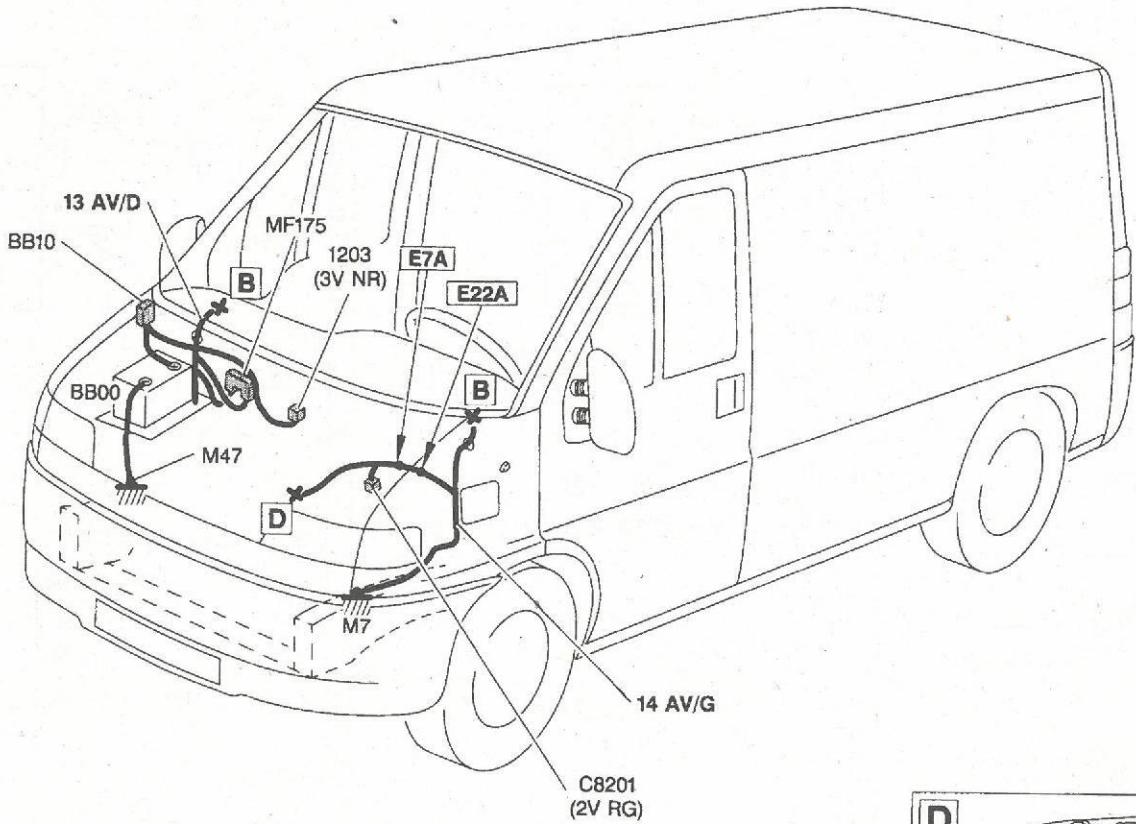


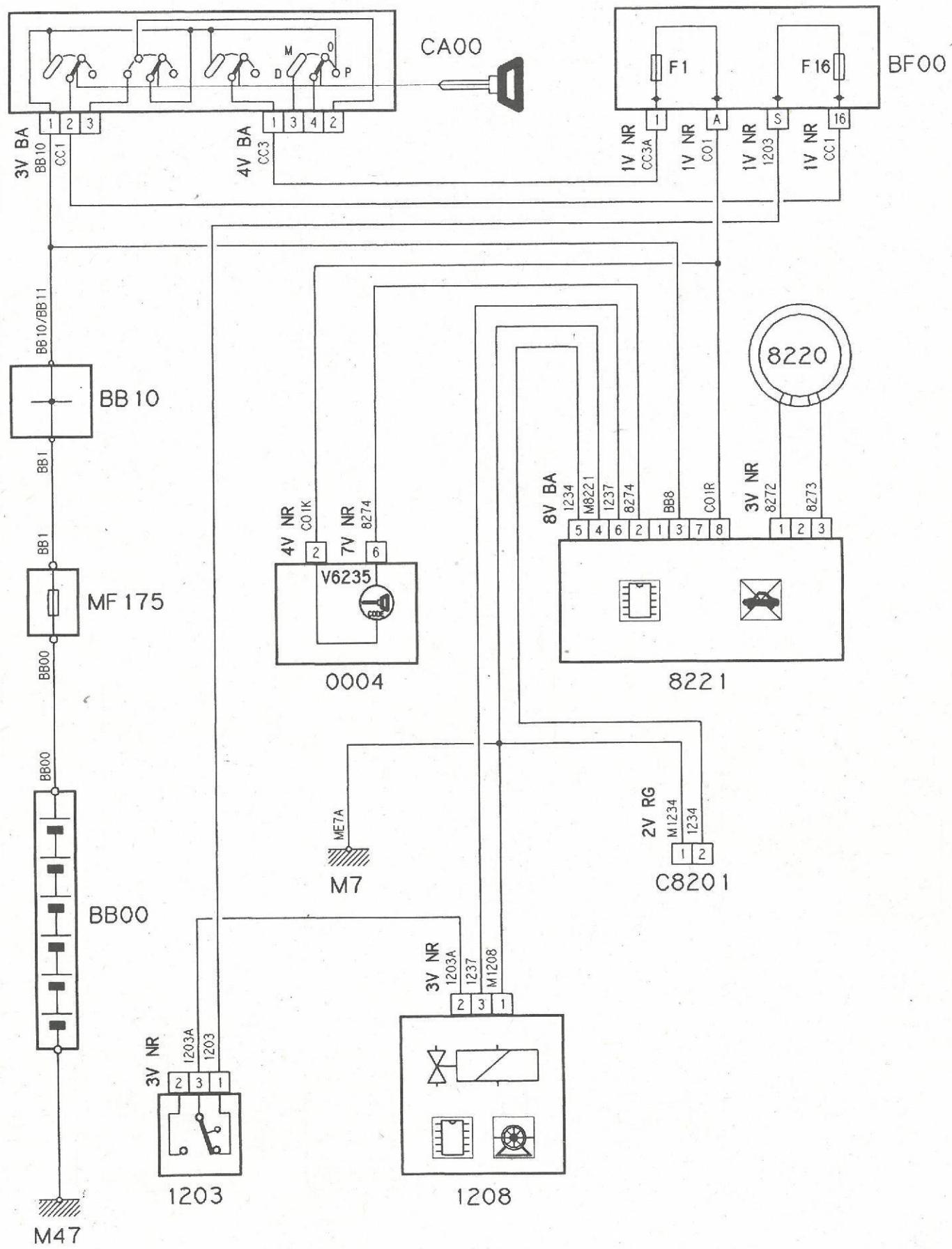


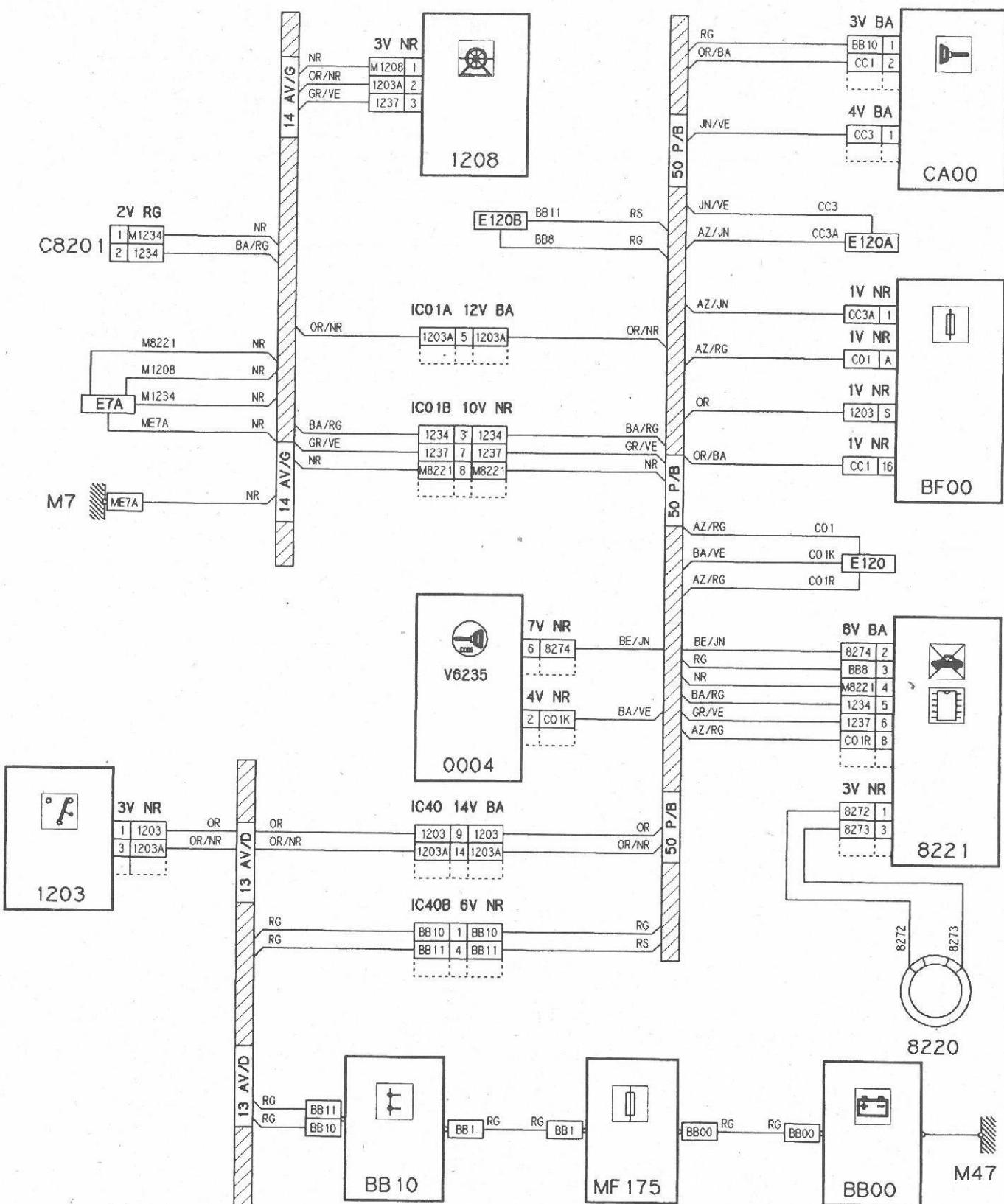


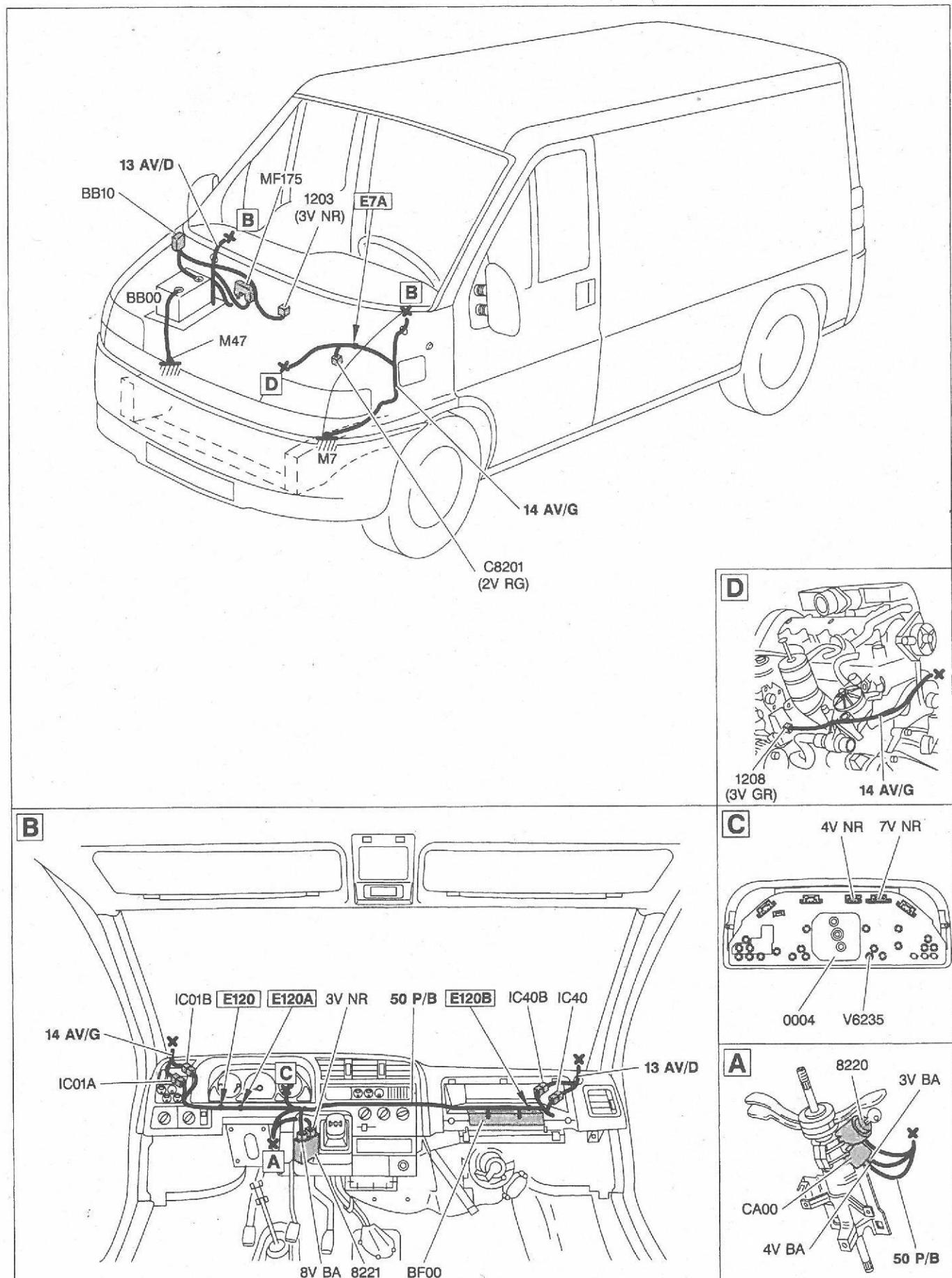


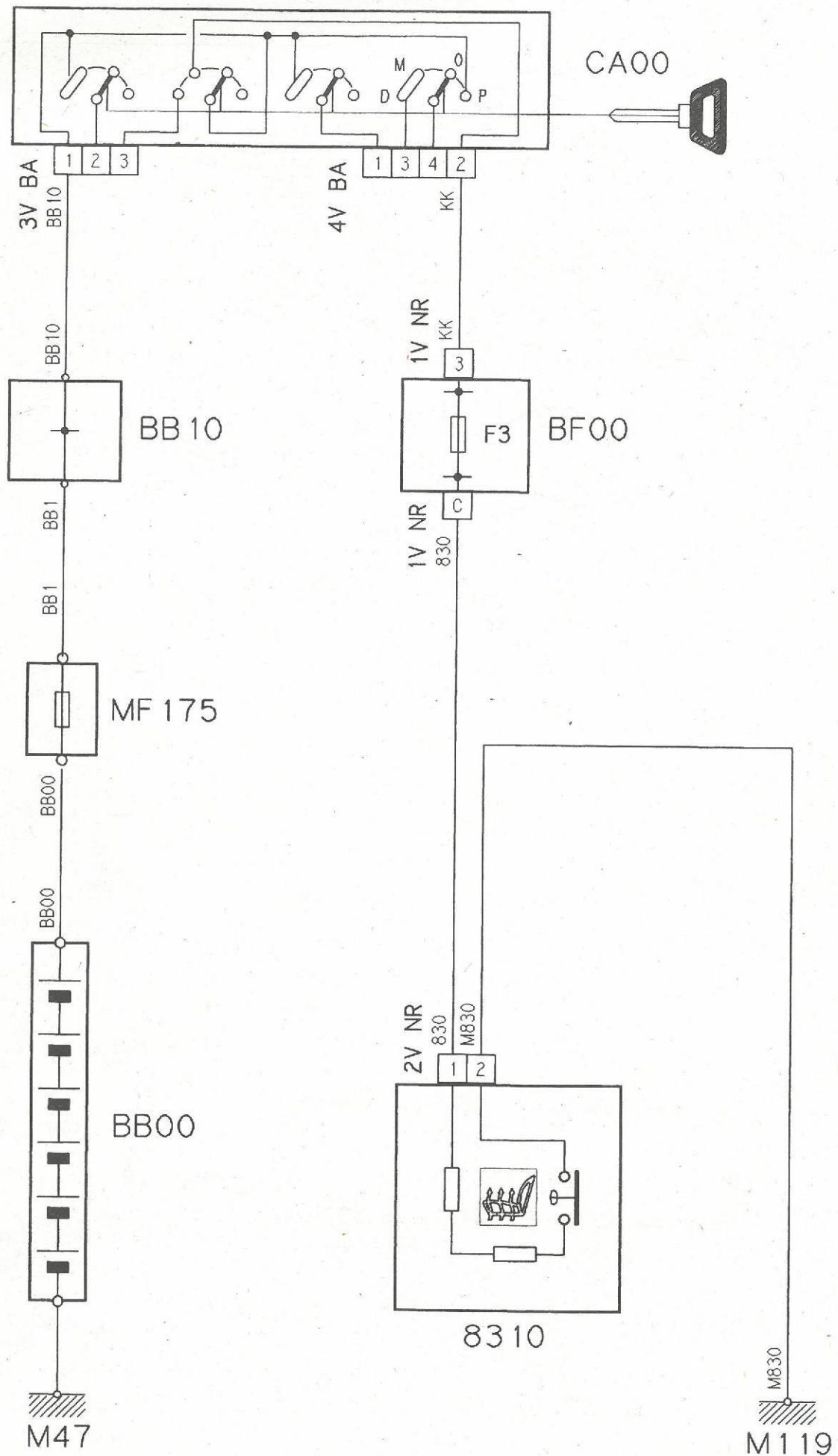


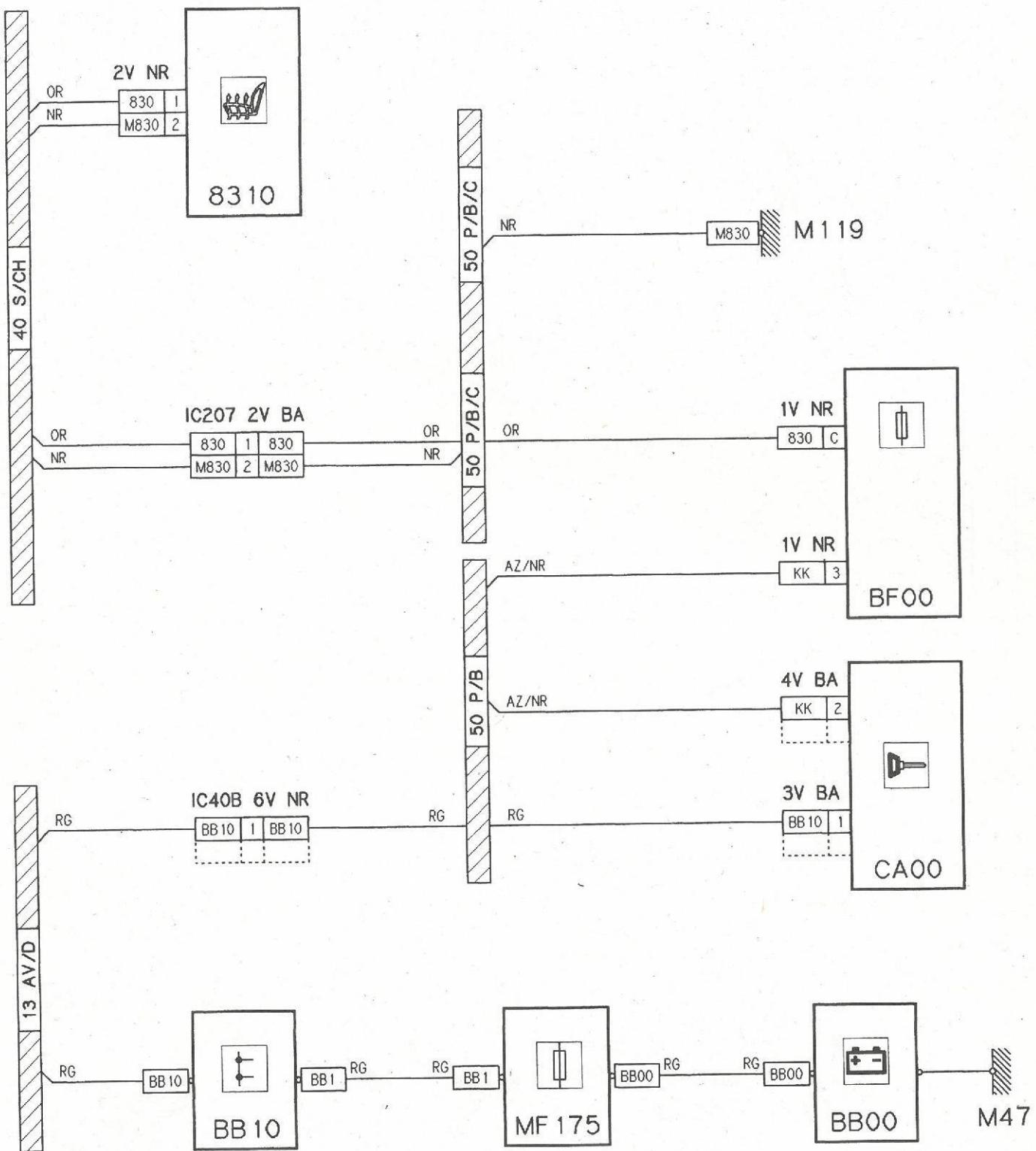


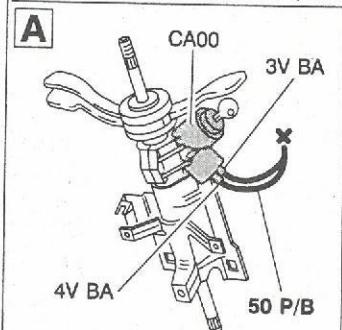
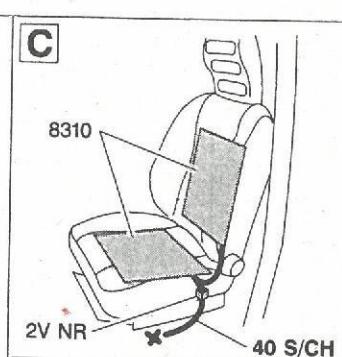
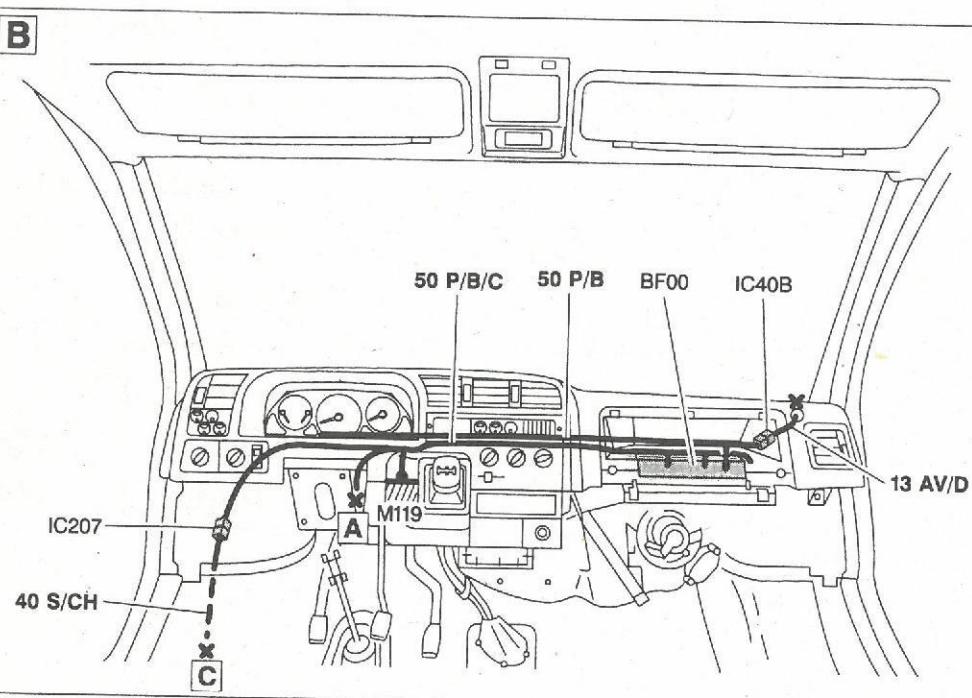
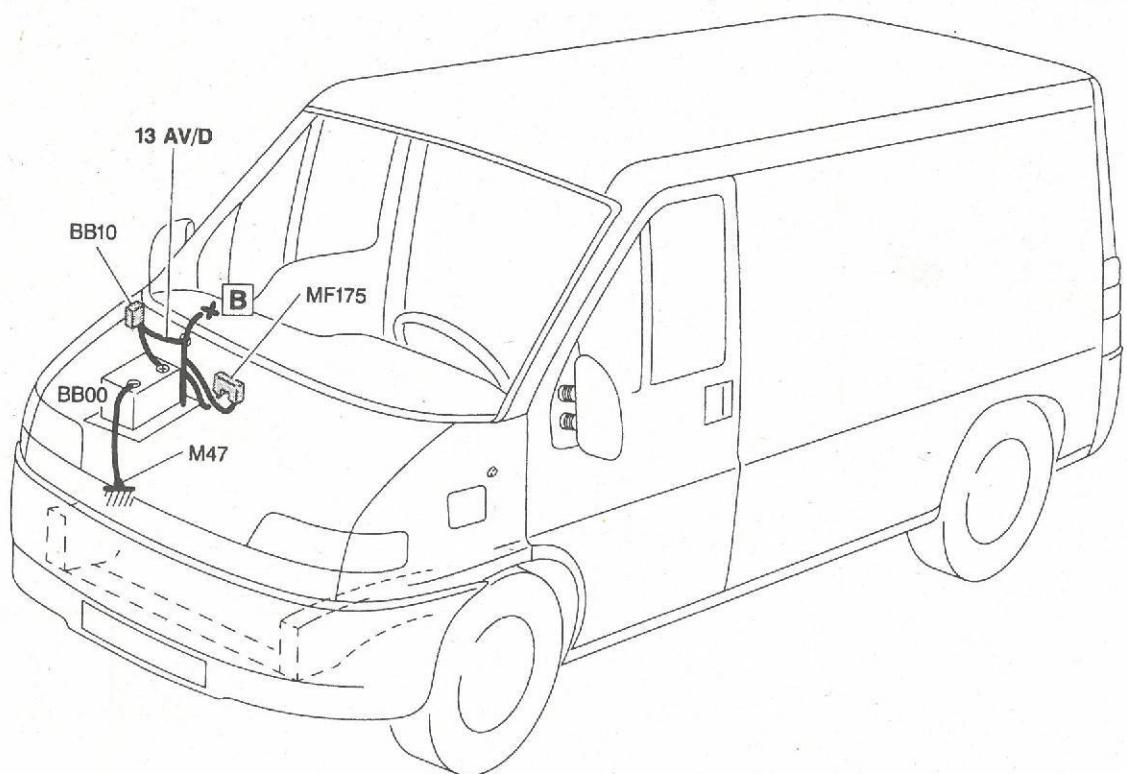


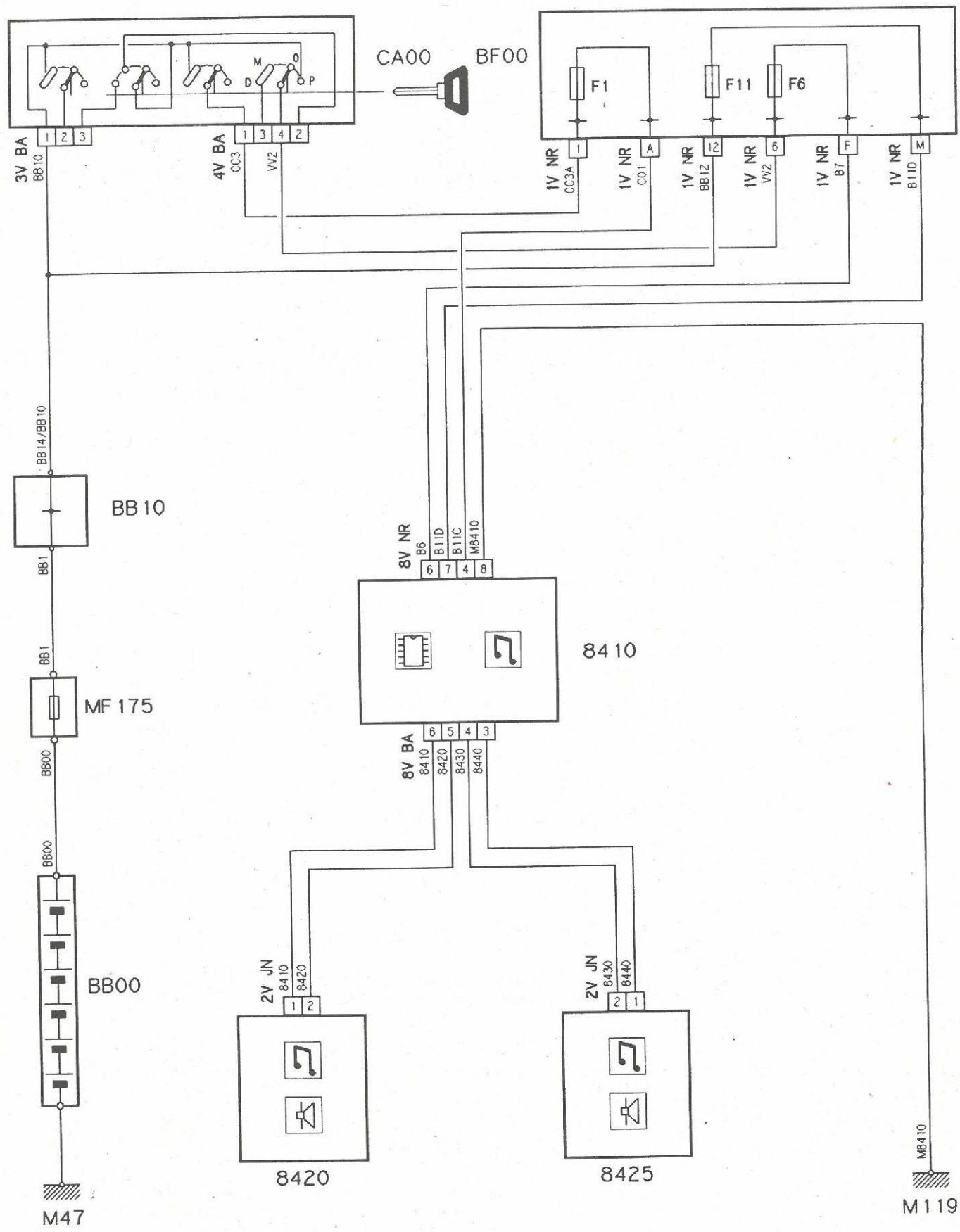


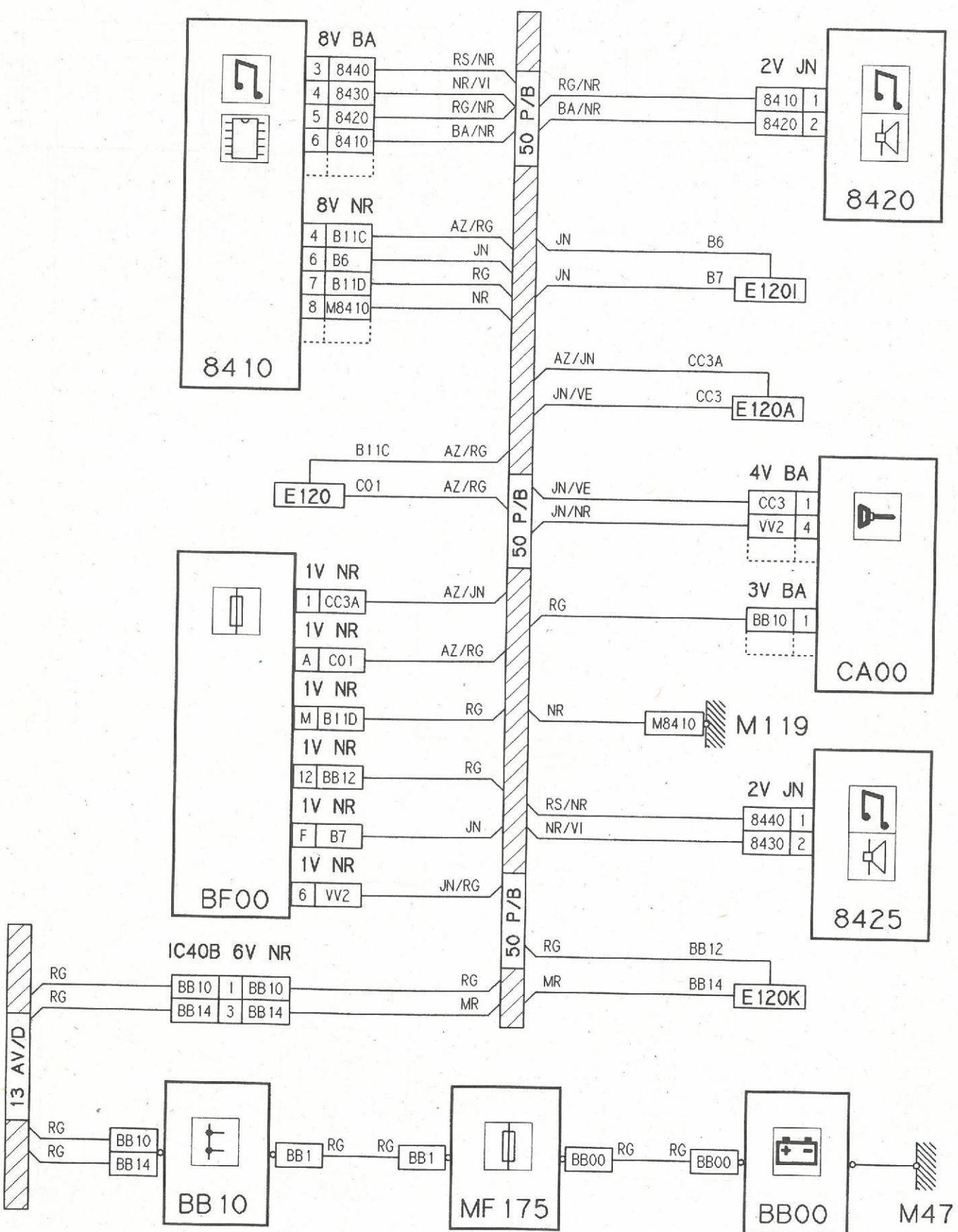


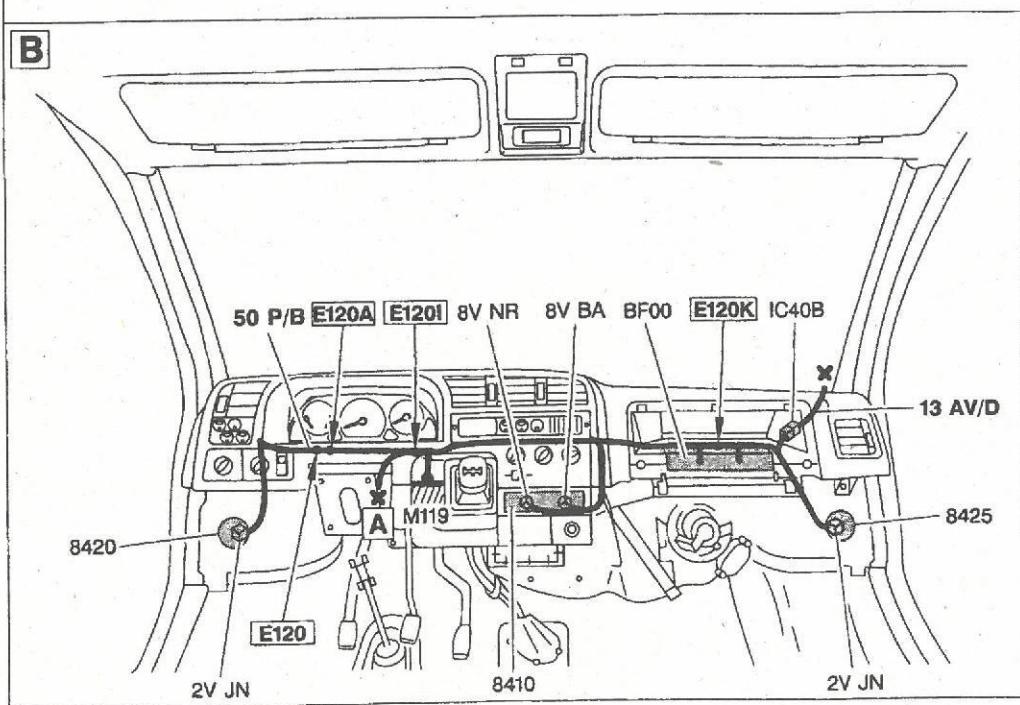
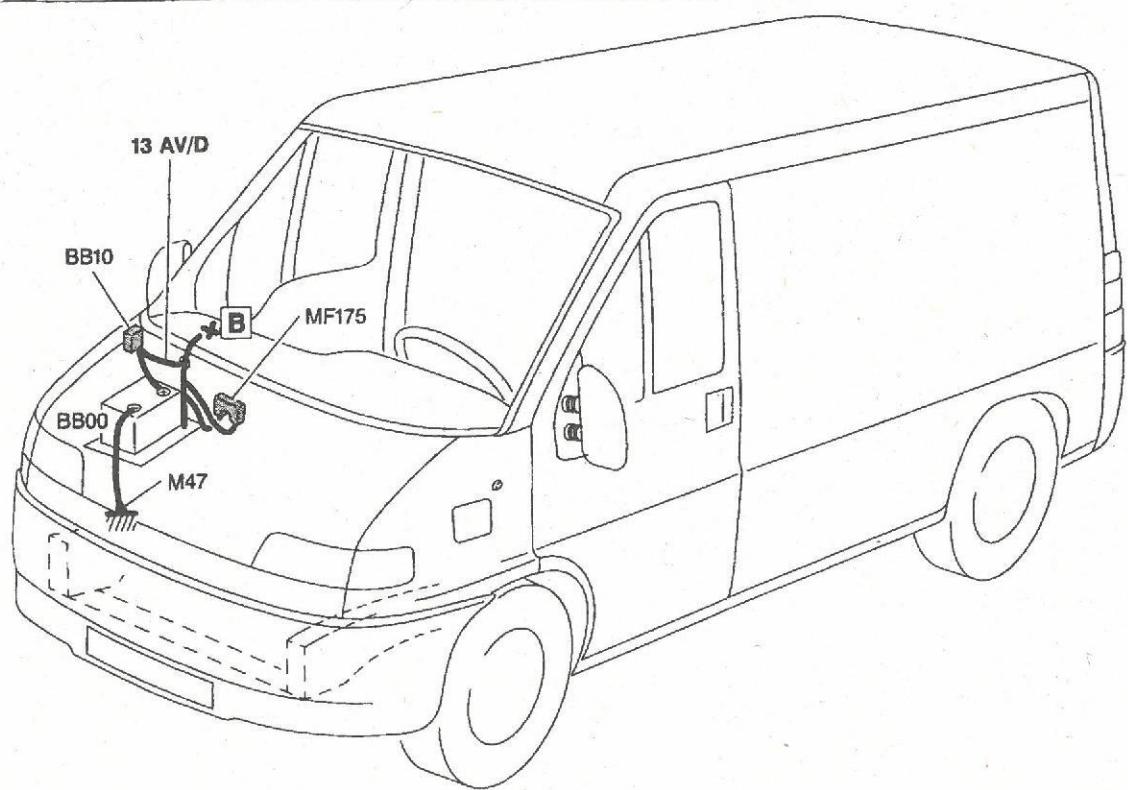










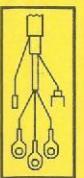




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