



CIRCUIT DIAGRAMS



CITROËN

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Version 2.04
January 4, 2019.

Model: Citroën XM 2.5 Turbo D VSX

ORGA: 7261 CJ

Engine: THY (DK5ATE)

Paint: KPKcr

Tire: 195/65 R15

Battery: size 096, 75 Ah, 650 CCA, +ve on right

Main fuses

F1 10A	ABS	F2 10A	stoplights, cruise control coolant temp	F3 10A	control: heated window, heated seats, A/C	F4 5A	language (see p. 11)
F5 30A	radio, instr, heater temp	F6 5A	rear foglights	F7 10A	suspension	F8 5A	language (see p. 11)
F9 30A	control: wiper, A/C, windows, indicator, lights- on warning	F10 10A	switch lighting, sidelights, reg plate lights	F11 10A	display, clock dimming**	F12 5A	language (see p. 11)
F13 10A	hazard, diags	F14 5A	RH tail, rheostat	F15 5A	coolant temp*	F16 5A	coolant temp warning
F17 20A	heated rear seat, sunroof	F18 5A	LH tail	F19 15A	reverse, instr, diags, com- pressor, lights timer, temp	F20 5A	—
F21 15A	front foglights	SHUNT*				F24 20A	heated front seat
F25 20A	sunroof (earlier)	F26 30A	rear windows	F27 15A	instruments, int light, trip comp, clock, radio, alarm	F28 30A	RH front seat
F29 15A	—	F30 30A	LH front seat	F31 10A	injector, temp	F32 30A	headlight washer, horn
F33 30A	heated screen, mirror	F34 30A	locks, Hydractive, alarm	F35 30A	front windows	F36 30A	cigar lighters

Mainboard

row 1	unused	874 sunroof, later unused	806 front foglights
row 2	820 heated screen timer	848 engine running	962 front wiper timer
row 3	817 front heated seats	824 sunroof, rear heated seats	809 front window
connectors			
column 1 column 2 column 3			
13	13	13	11
2	13	11	13
2			
13	13	13	11
top			
130 lights-on warning	170 indicator timer	963 rear wiper timer	

* may be removed during long term storage to avoid draining the battery
** may be removed to disable display dimming with headlights on

Engine fuses

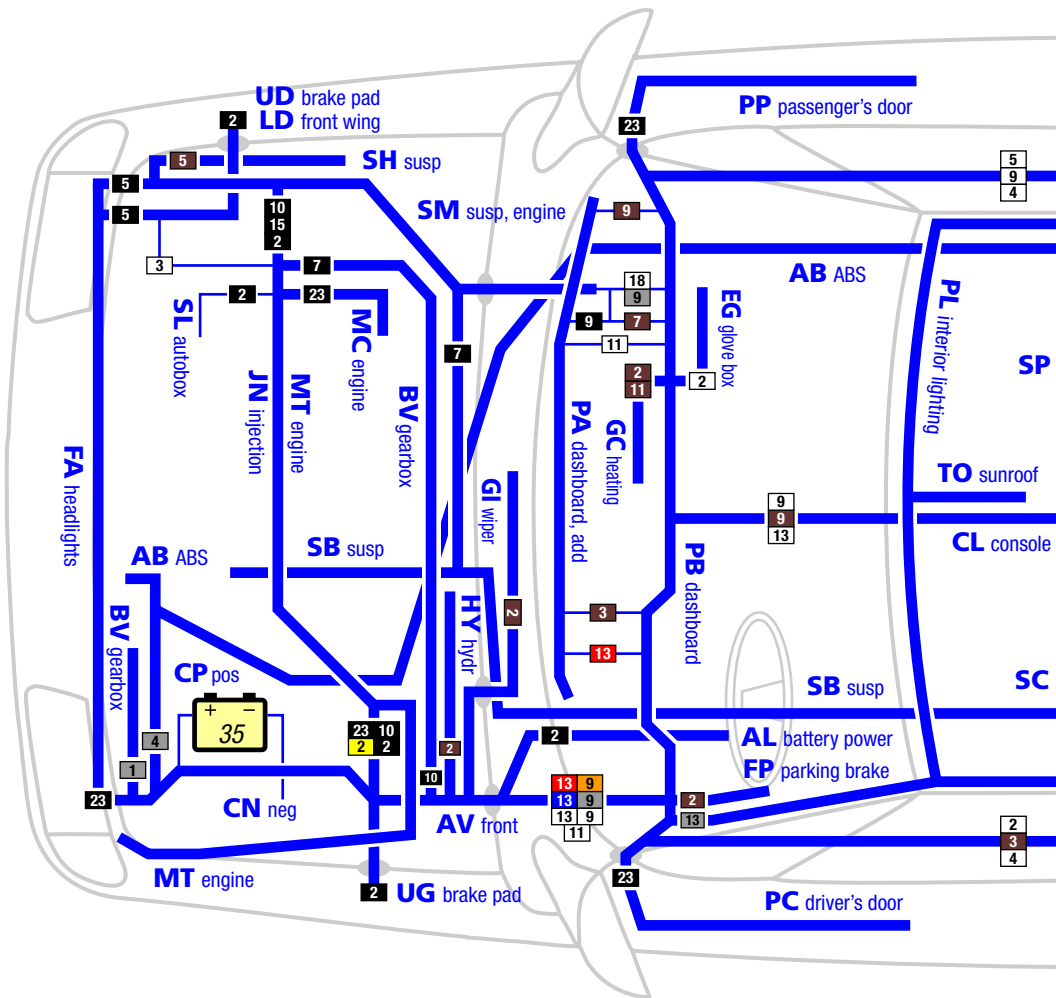
F2 30A	A/C	F1 10A	EGR anti-theft	F3 30A	ABS
F4	—			F5	—
F6	—			F7	—
F8	—			F9 10A	RH main beam
F10 10A	Autobox (optional)			F11 10A	LH main beam
F12	—			F13 10A	LH dipped beam
F14	—			F15 10A	RH dipped beam
Maxi 40A	Cooling fan	Maxi 40A	Cooling fan		

Modifications

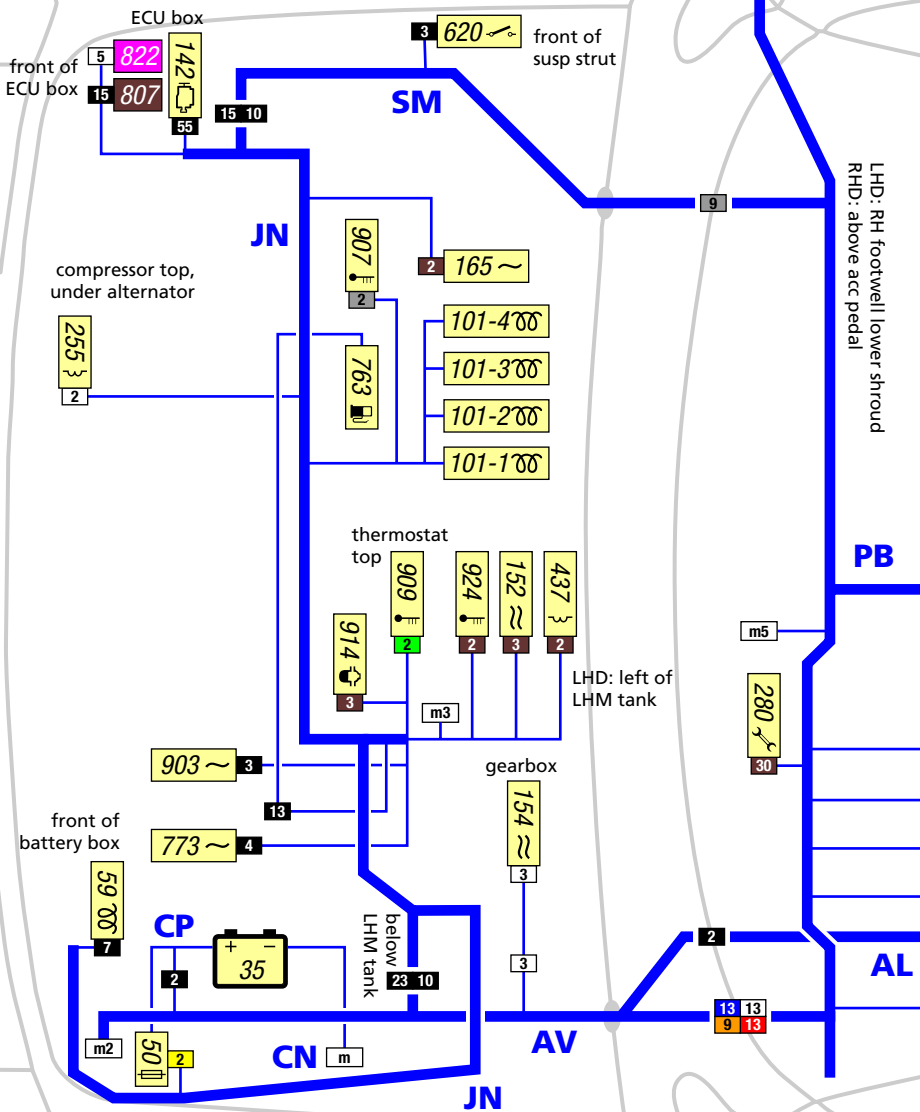
- 6383 original version
- 6568 fuse box modified
- 6749 fuse box modified (shunt added)
- 6947 fuses modified
- 7084 F10 changed to 10A
- 7483 supply to F16 modified, engine F10, F12, F14 added

connectors	10	2	2
		2	2
	10	2	2

Harnesses

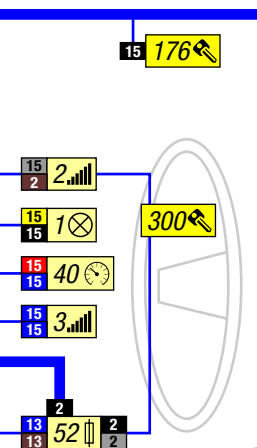


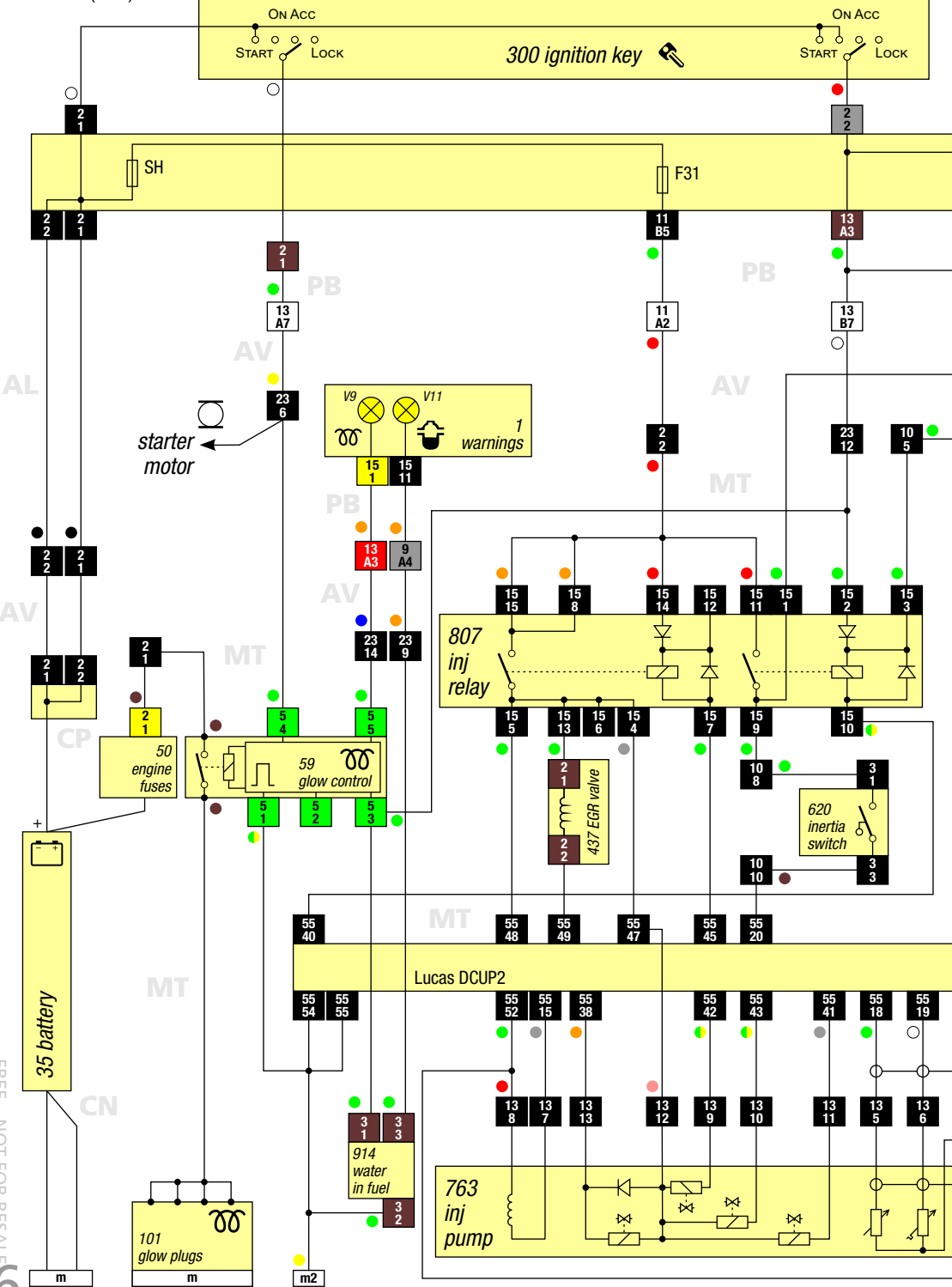
Engine



Modifications

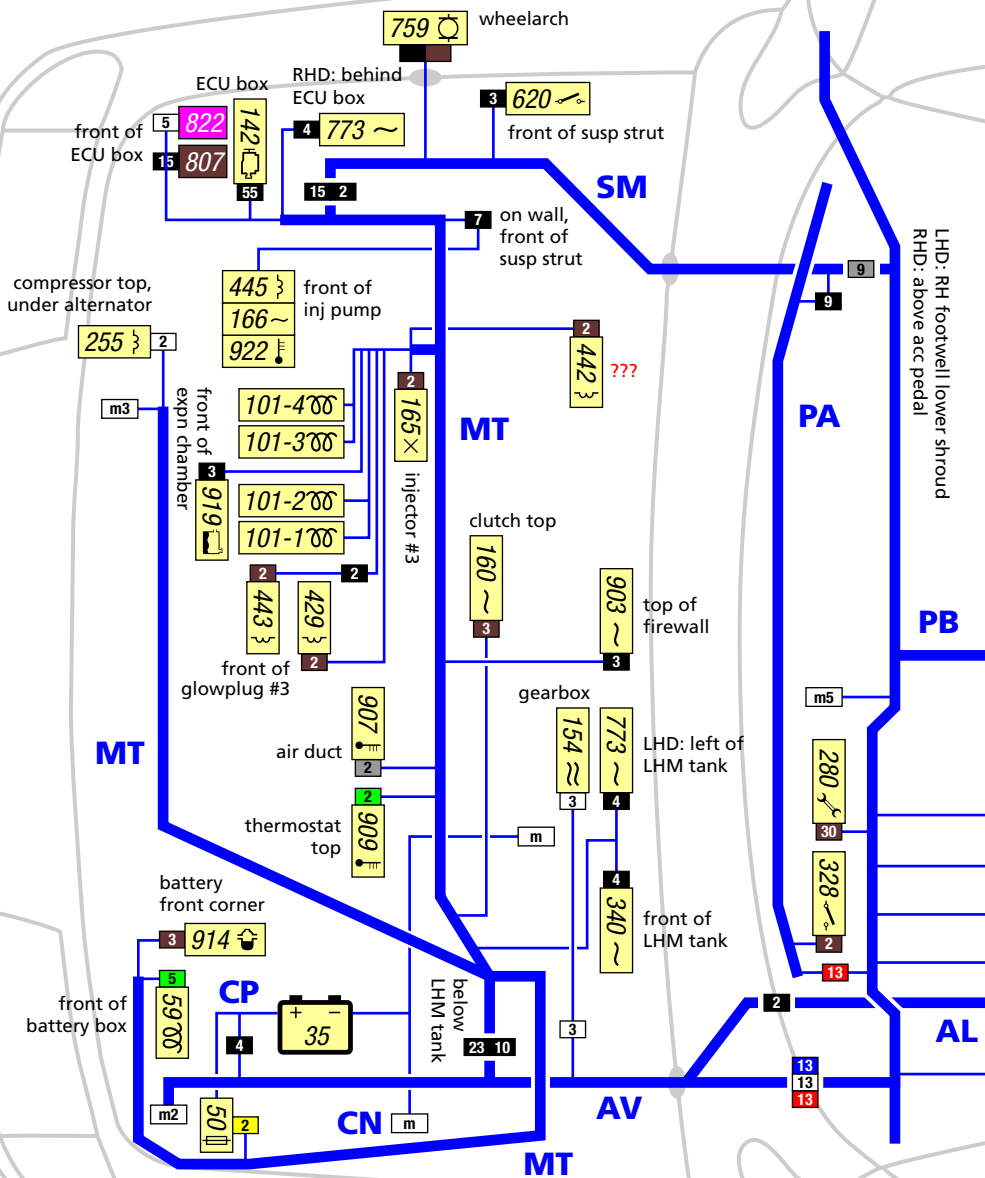
6749	original version
6947	pedal sensor Bosch to Lucas
7084	MT modified
7252	optional cruise control added
7267	PB and MT modified
7483	inertia switch deleted
7602	optional autobox added





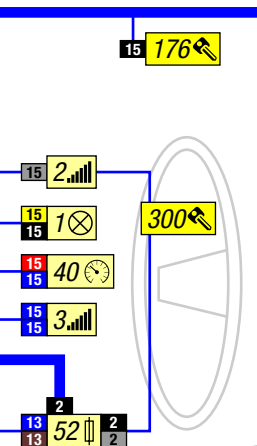


Engine diesel 2.5 (THY DK5ATE)

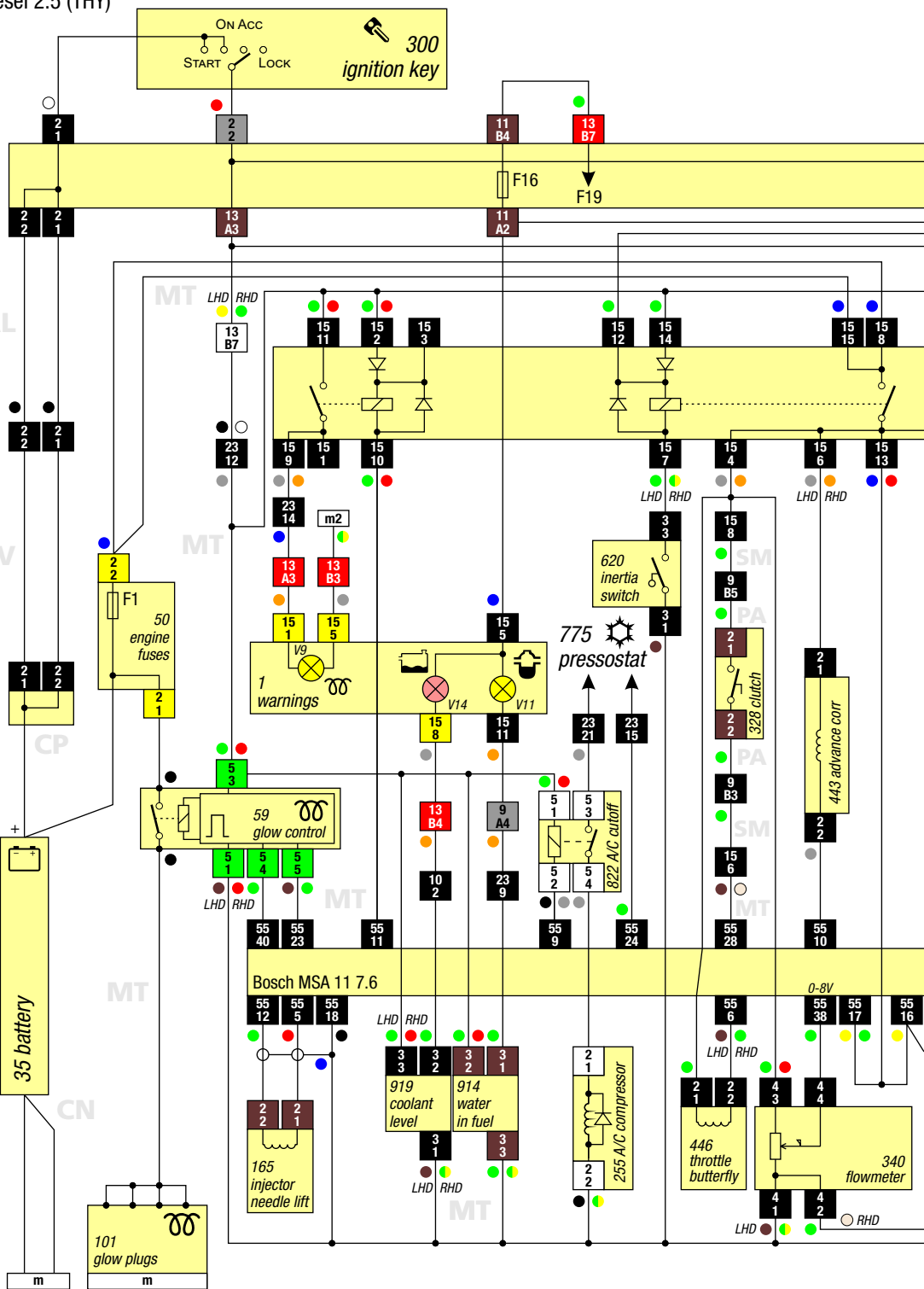


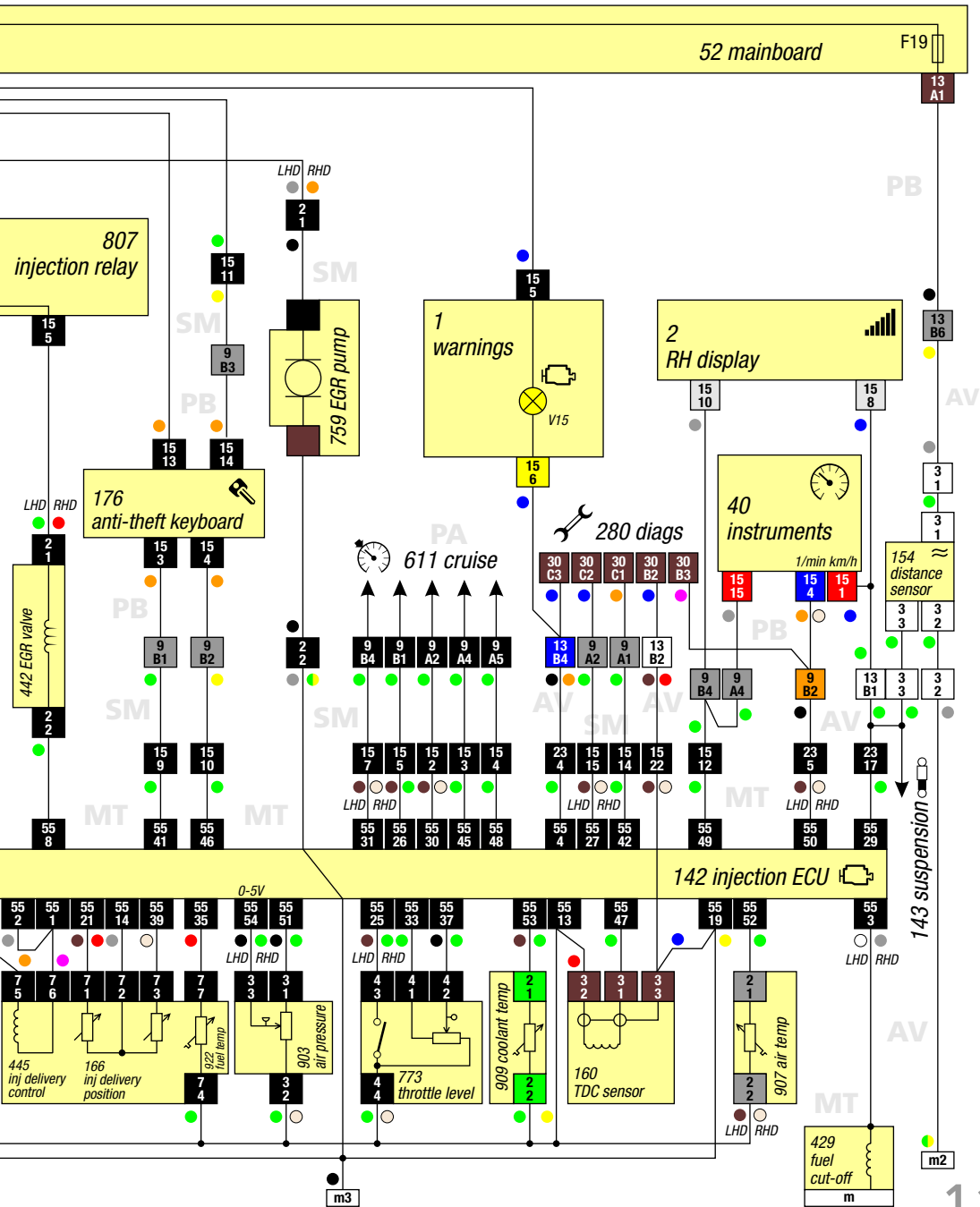
Modifications

6749	original version
7084	MT modified
7329	PB and MT modified
7483	inertia switch deleted
7847	fuel heater

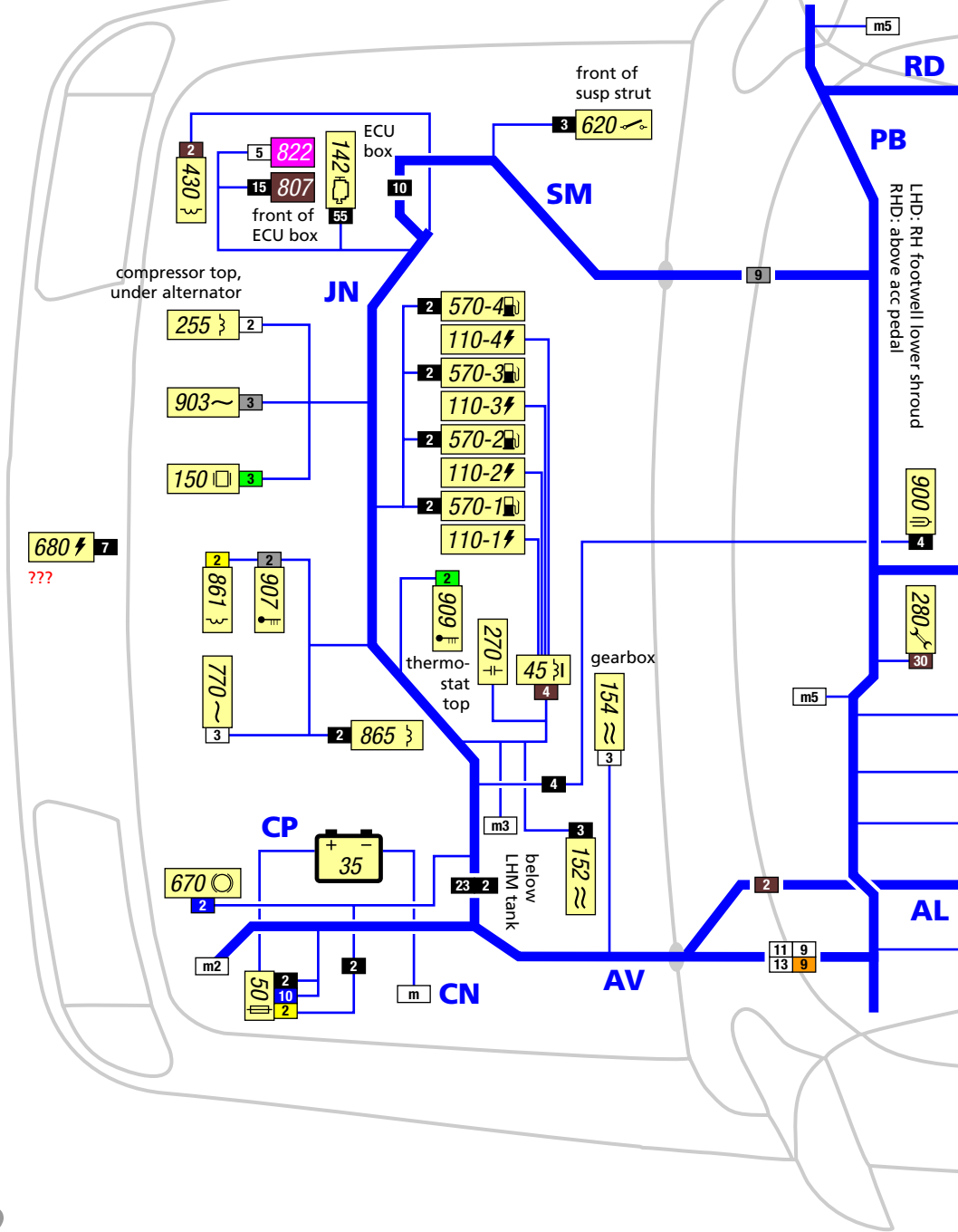


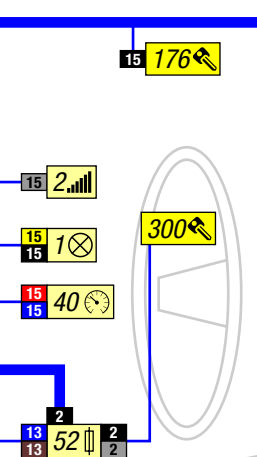
FREE - NOT FOR RESALE





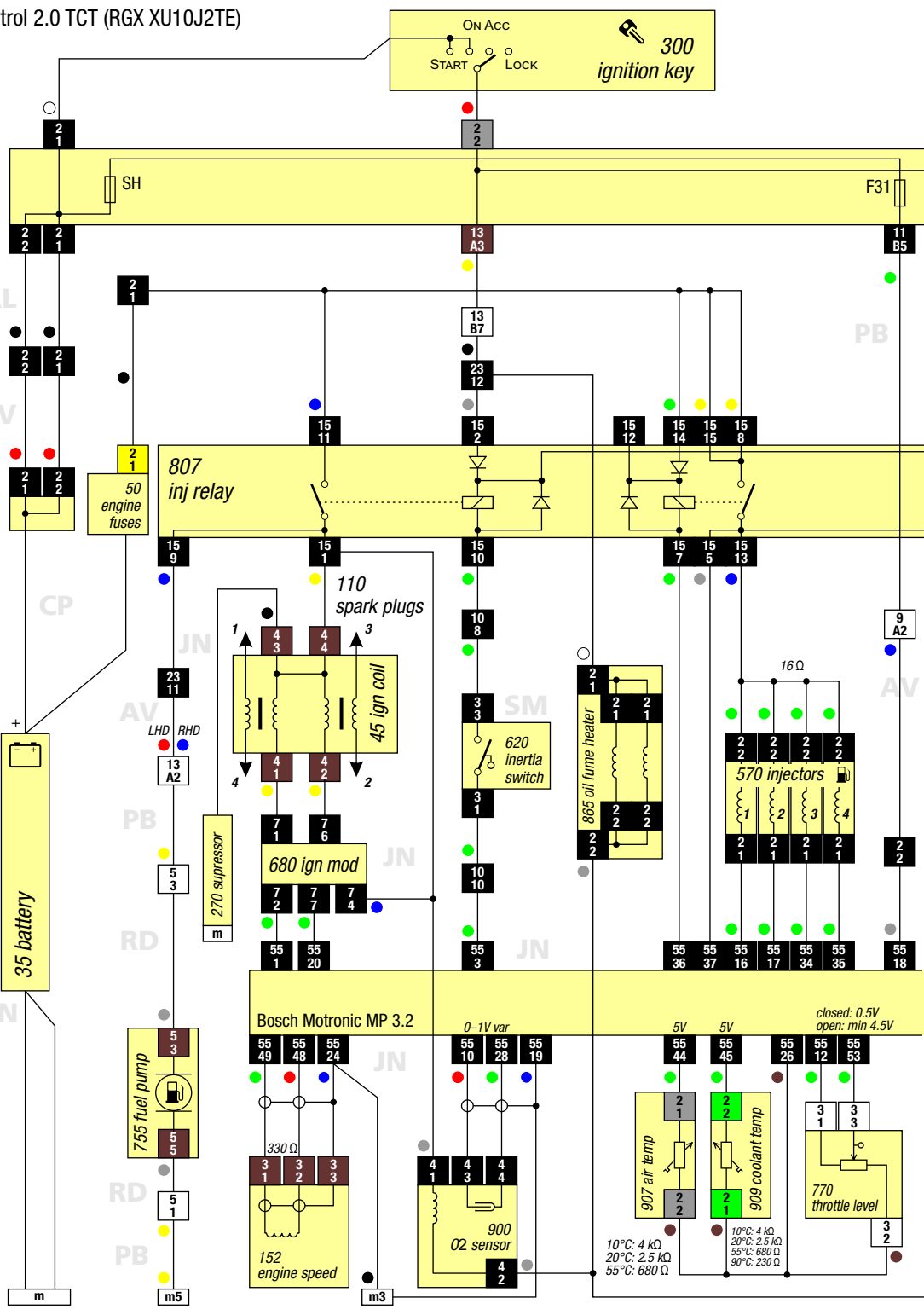
Engine petrol 2.0 TCT (RGX XU10J2TE)





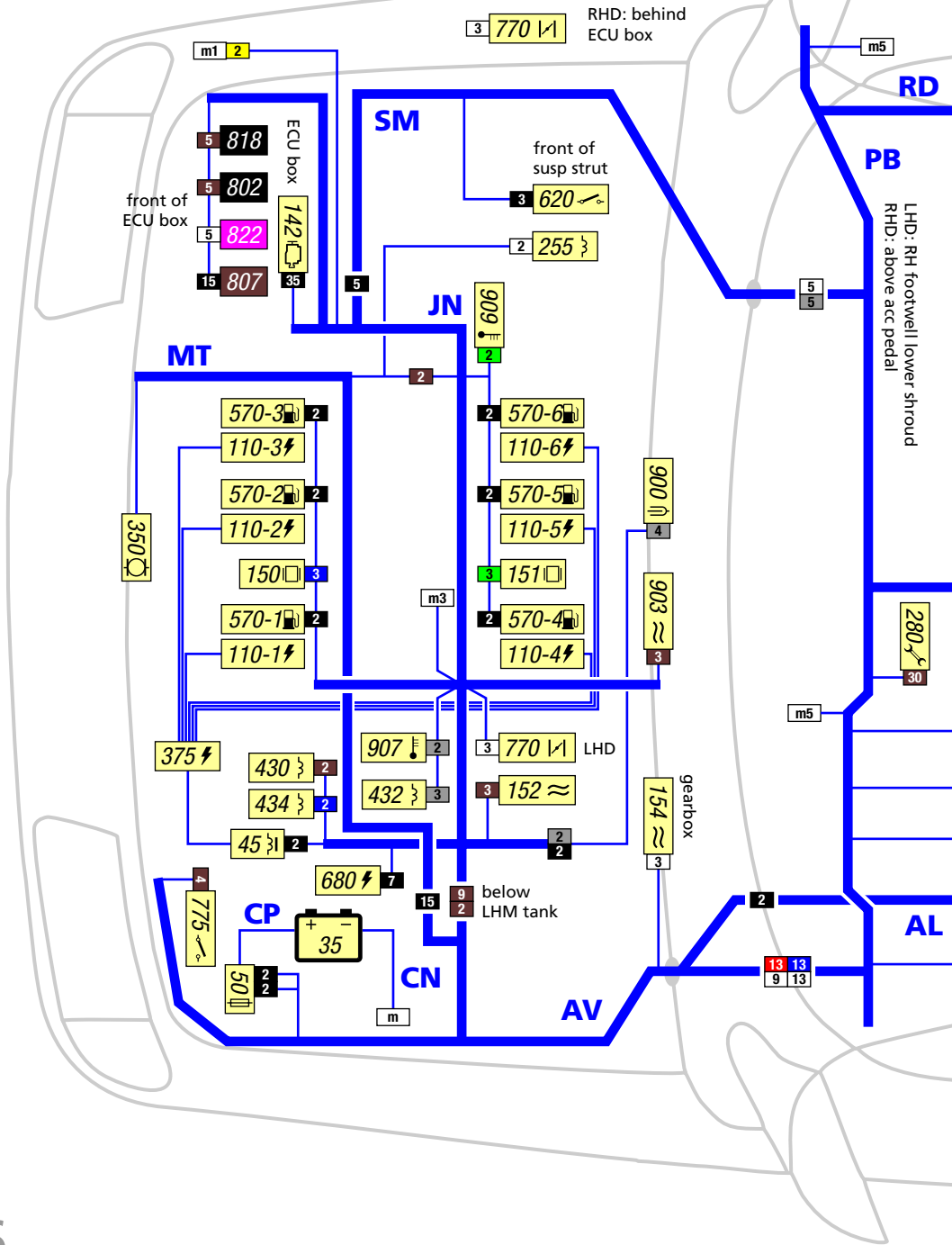
6383	original version
6568	inertia switch integrated
6749	fuse box modified
6947	JN and SM modified
7084	JN modified
7329	JN and PB modified
7728	JN modified

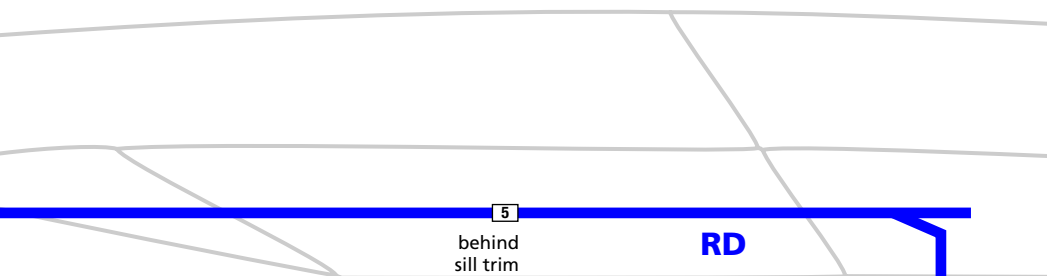
11	end test
12	start test
13	air temp sensor
14	coolant temp sensor
21	throttle level potentiometer
22	idle actuator
31	fuel/air ratio
33	inlet MAP sensor
34	canister discharge valve
41	engine speed sensor
43	engine knock control loop
44	anti-knock sensor
51	oxygen sensor
52	mixture control loop
53	sensor power supply
54	ECU malfunction
65	Reference cylinder sensor
71	injector 1
72	injector 2
73	injector 3
74	injector 4



F19 ☐

Engine petrol V6 (UFZ ZPJ)



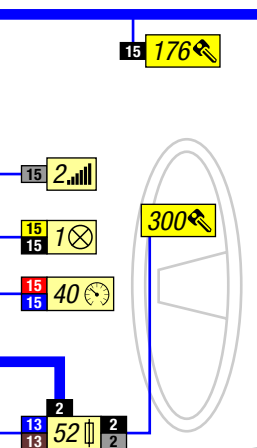


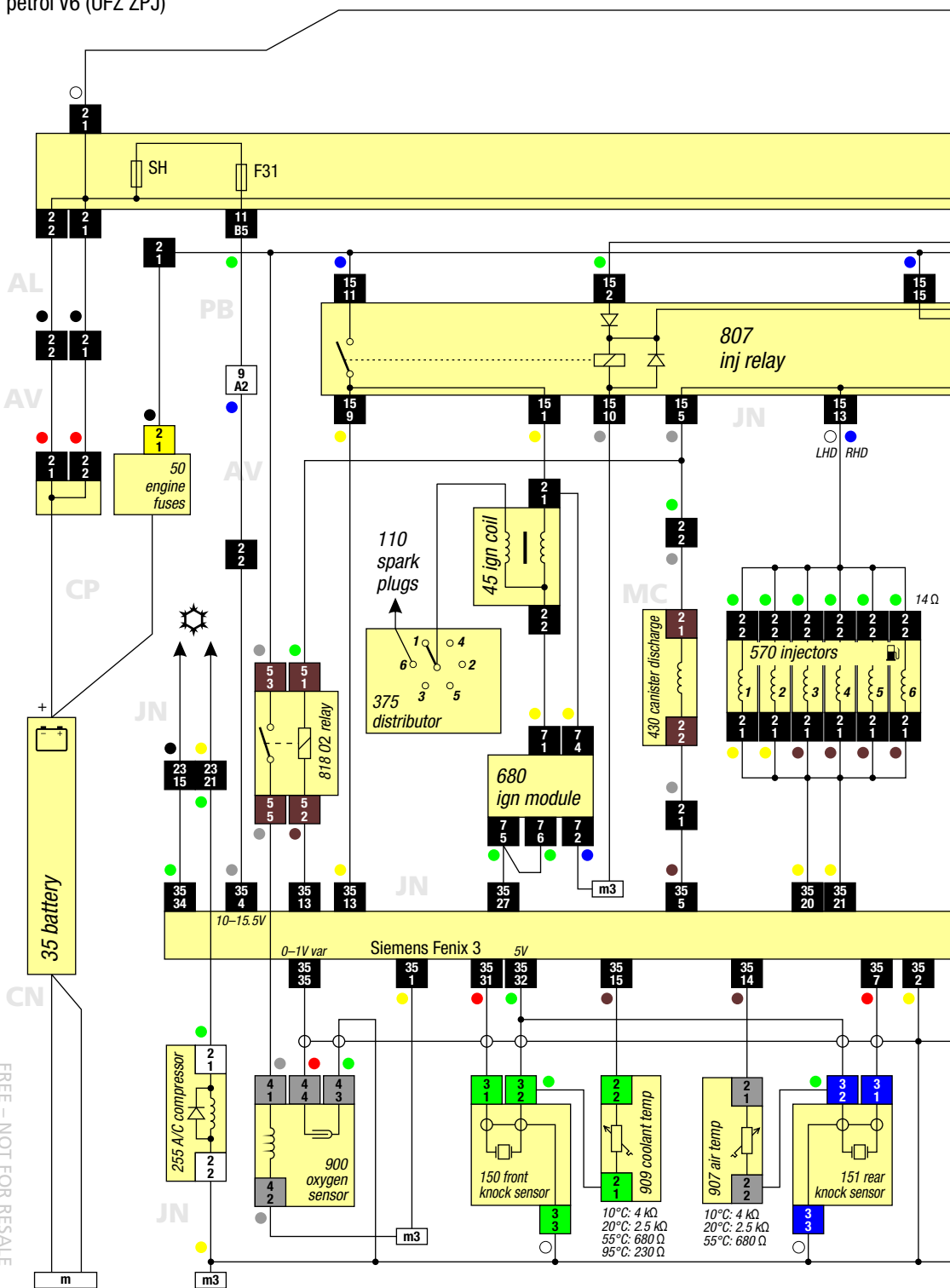
Modifications

- 6383 original version
- 6568 inertia switch integrated
- 6749 fuse box modified
- 7084 ECU changed to 3B
- 7329 PB modified

Error codes

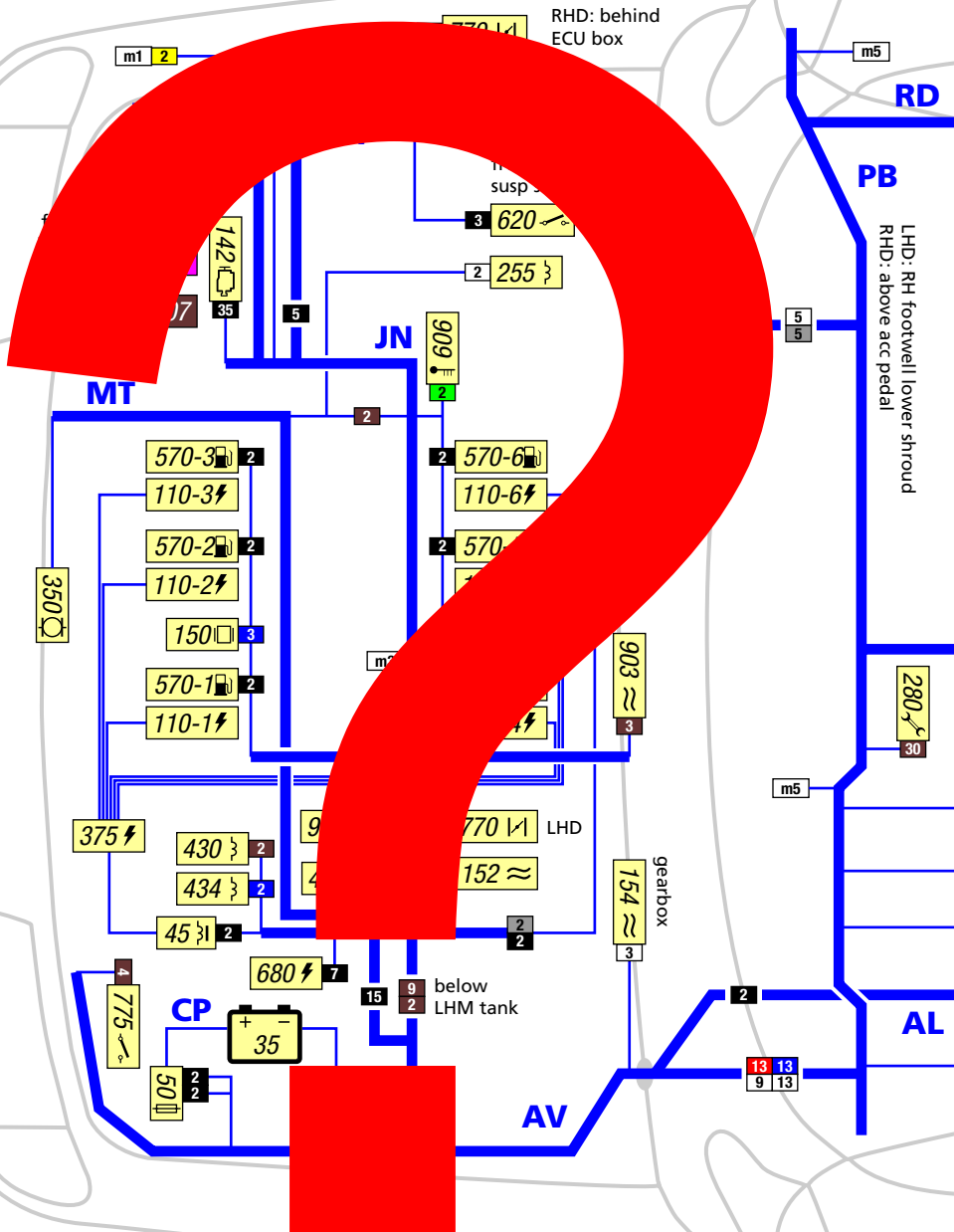
- 11 end test
- 12 start test
- 13 air temp sensor
- 14 coolant temp sensor
- 15 fuel pump relay
- 21 throttle level potentiometer
- 22 idle actuator
- 23 throttle idle
- 27 vehicle speed sensor
- 31 fuel/air ratio
- 33 inlet MAP sensor
- 34 canister discharge valve
- 36 oxygen sensor heater
- 41 engine speed sensor
- 42 injectors
- 43 engine knock control loop
- 44 front anti-knock sensor
- 51 oxygen sensor
- 52 mixture control loop
- 53 sensor power supply
- 54 ECU malfunction
- 56 anti-theft code not entered
- 62 rear anti-knock sensor





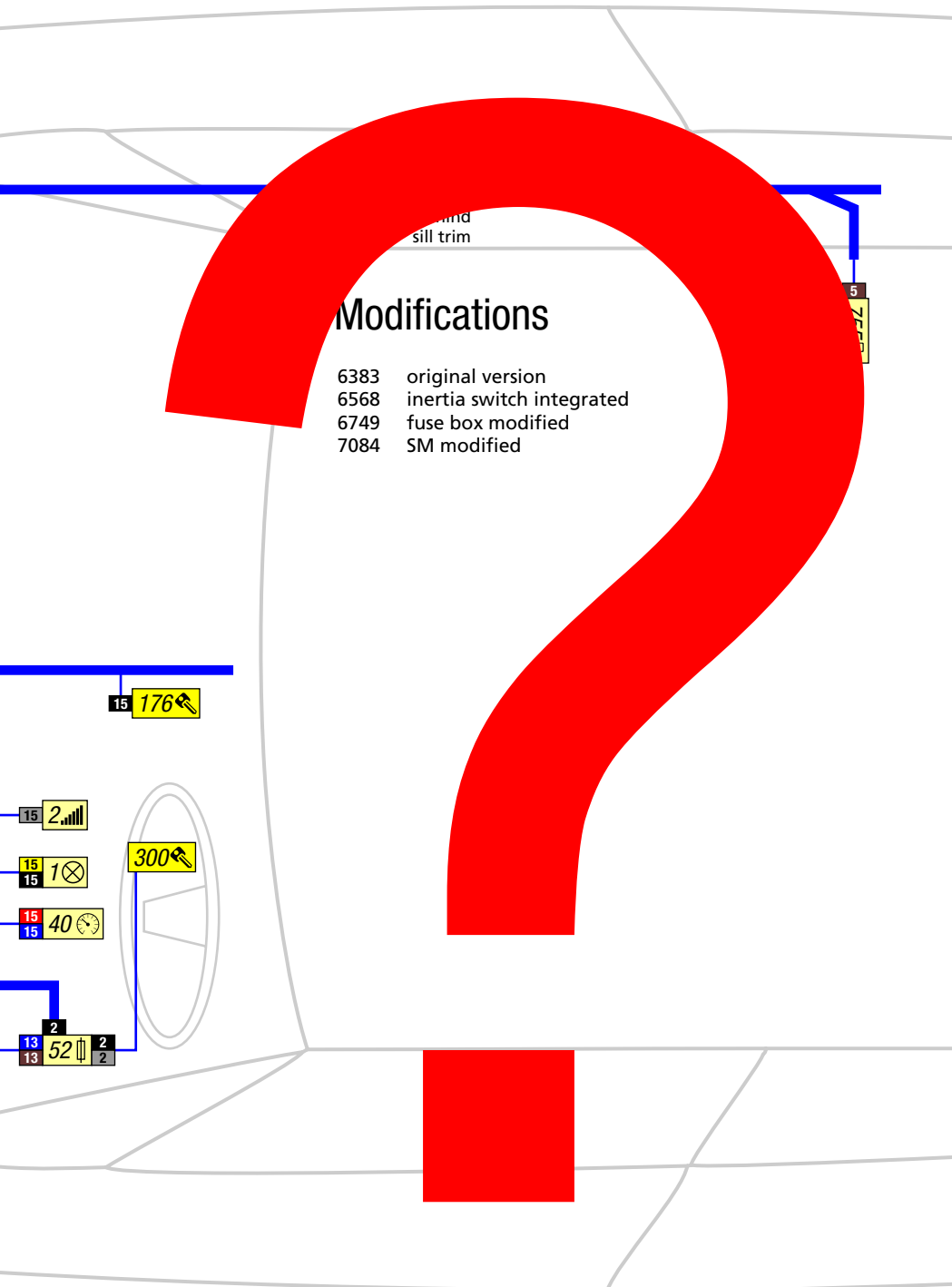


Engine petrol V6 (UKZ ZPJ4)



Modifications

- 6383 original version
- 6568 inertia switch integrated
- 6749 fuse box modified
- 7084 SM modified



AL

AV

CP

CN

FREE - NOT FOR RESALE

PB

AV

JN

Siemens Fenix 4

MC

807
inj relay

110 spark
plugs

375
distributor

680
ign mod

822 A/C cutoff

430
???

430 canister
discharge

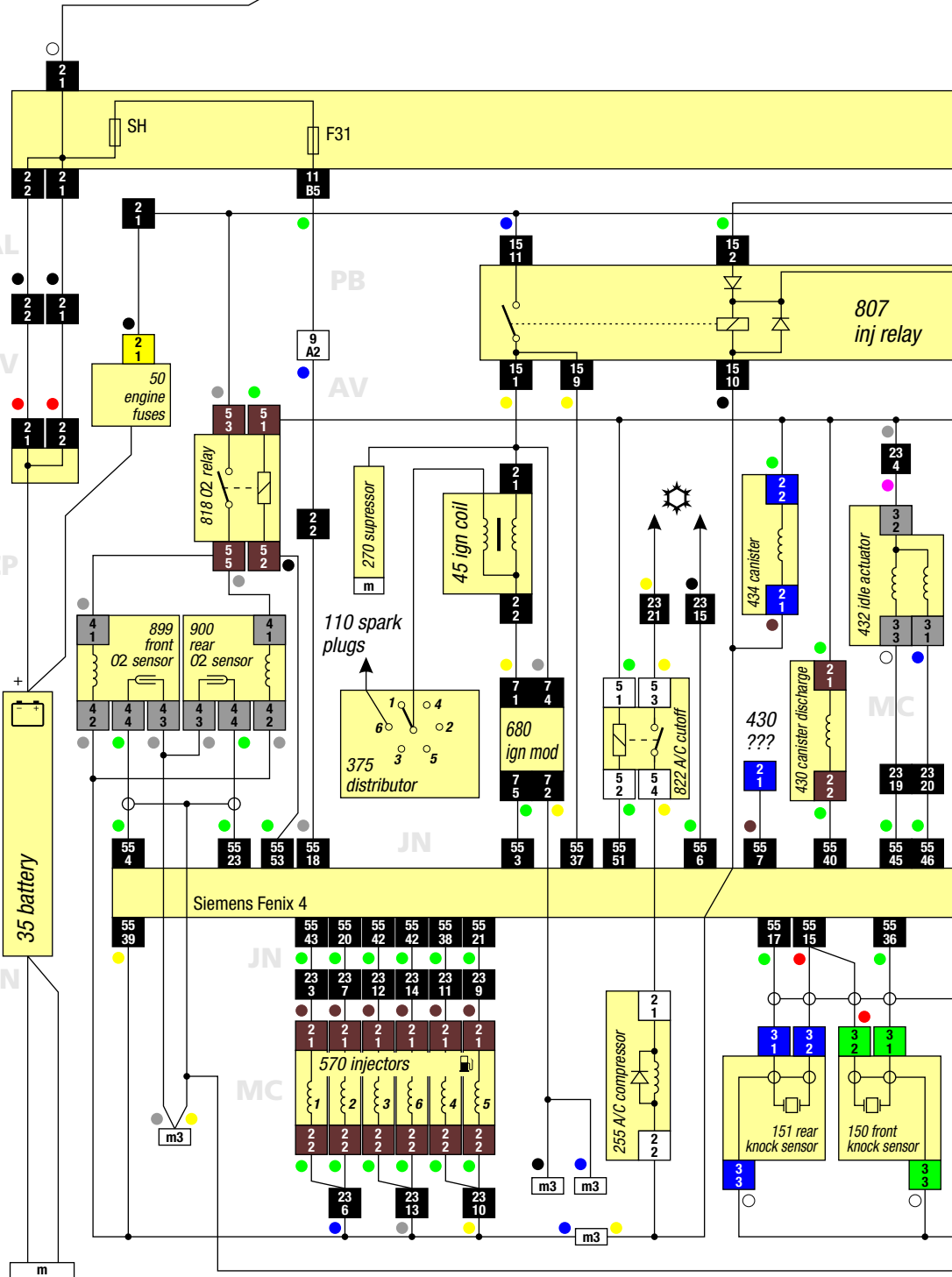
432 idle actuator

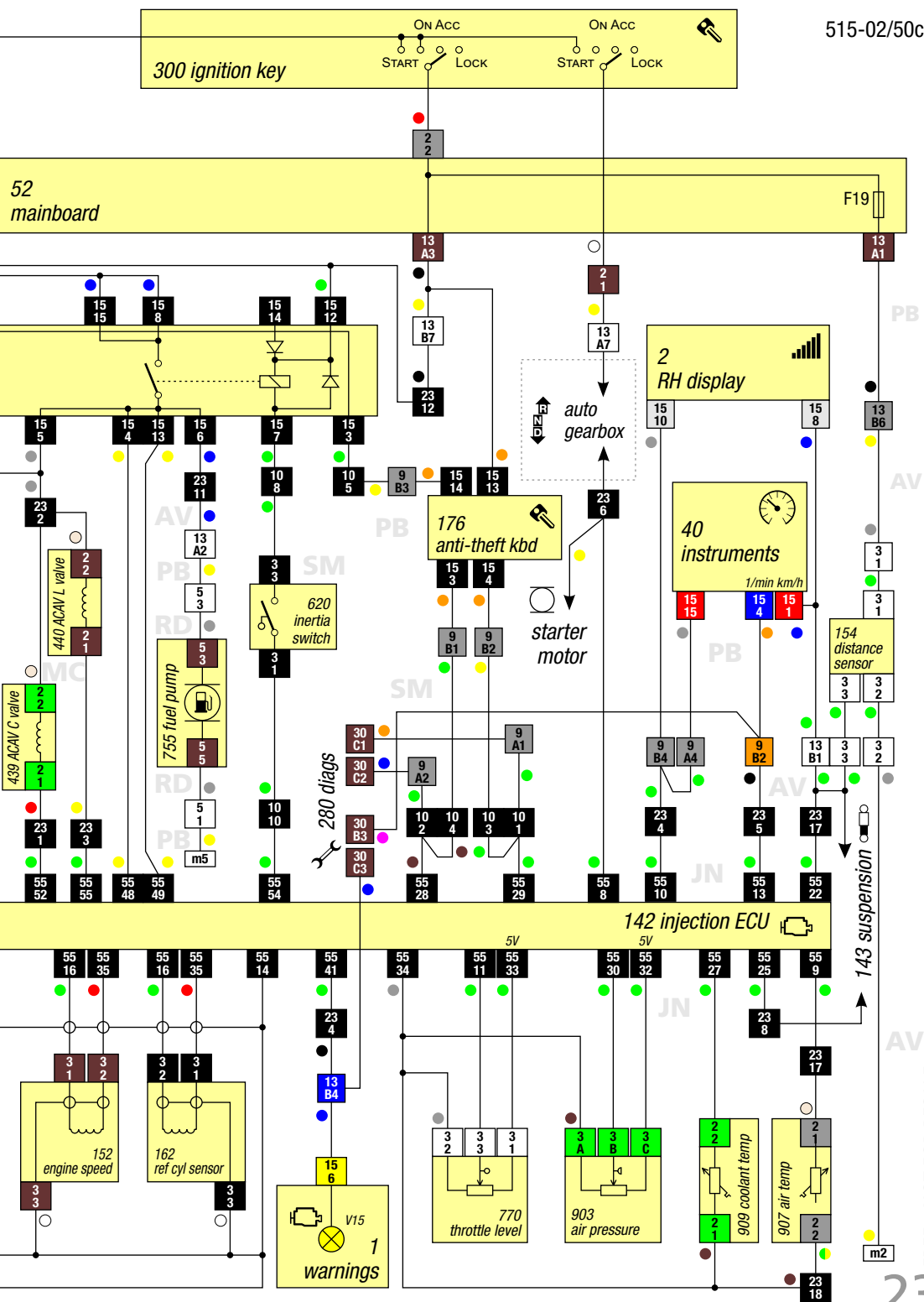
570 injectors

255 A/C compressor

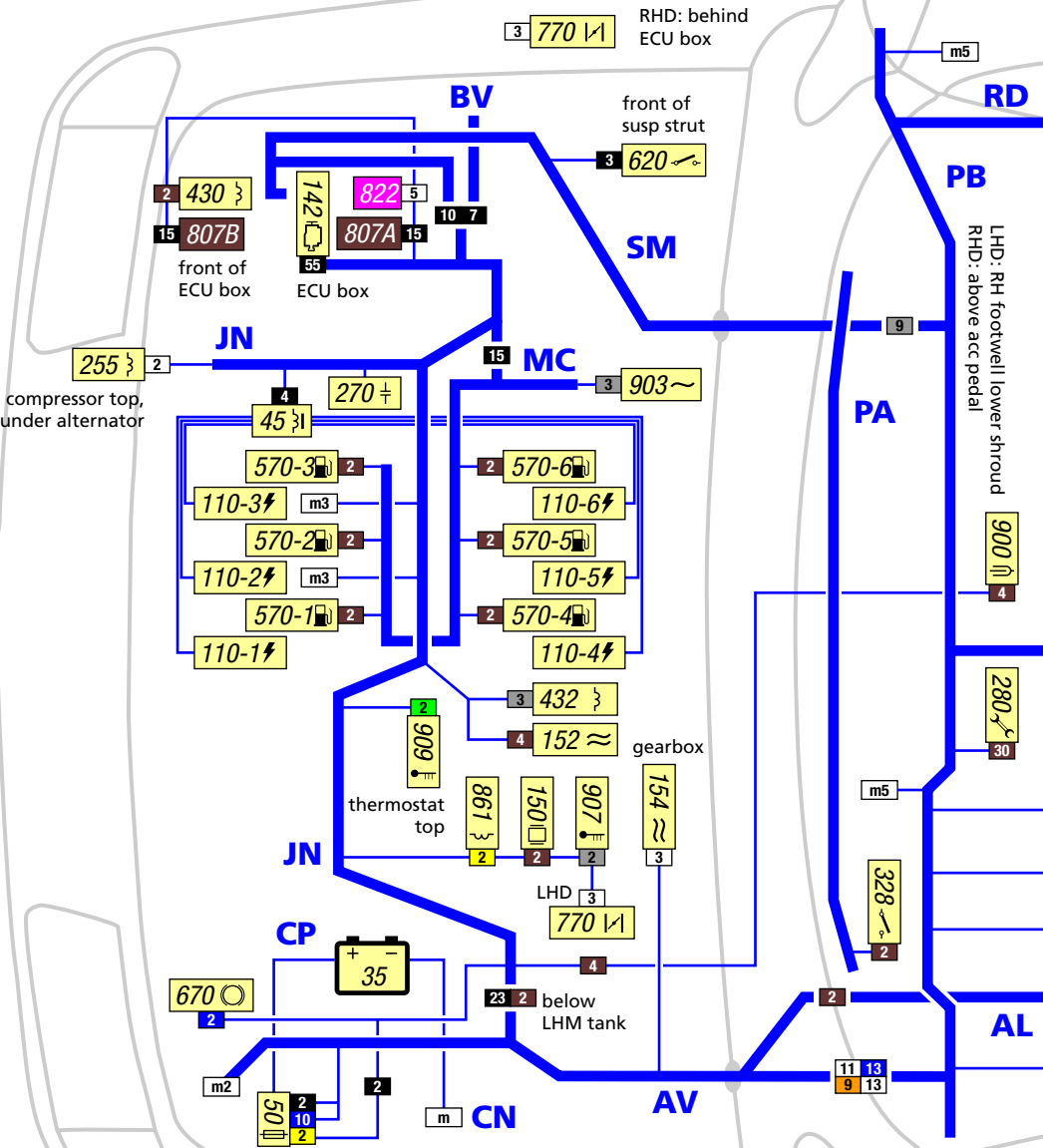
151 rear knock sensor

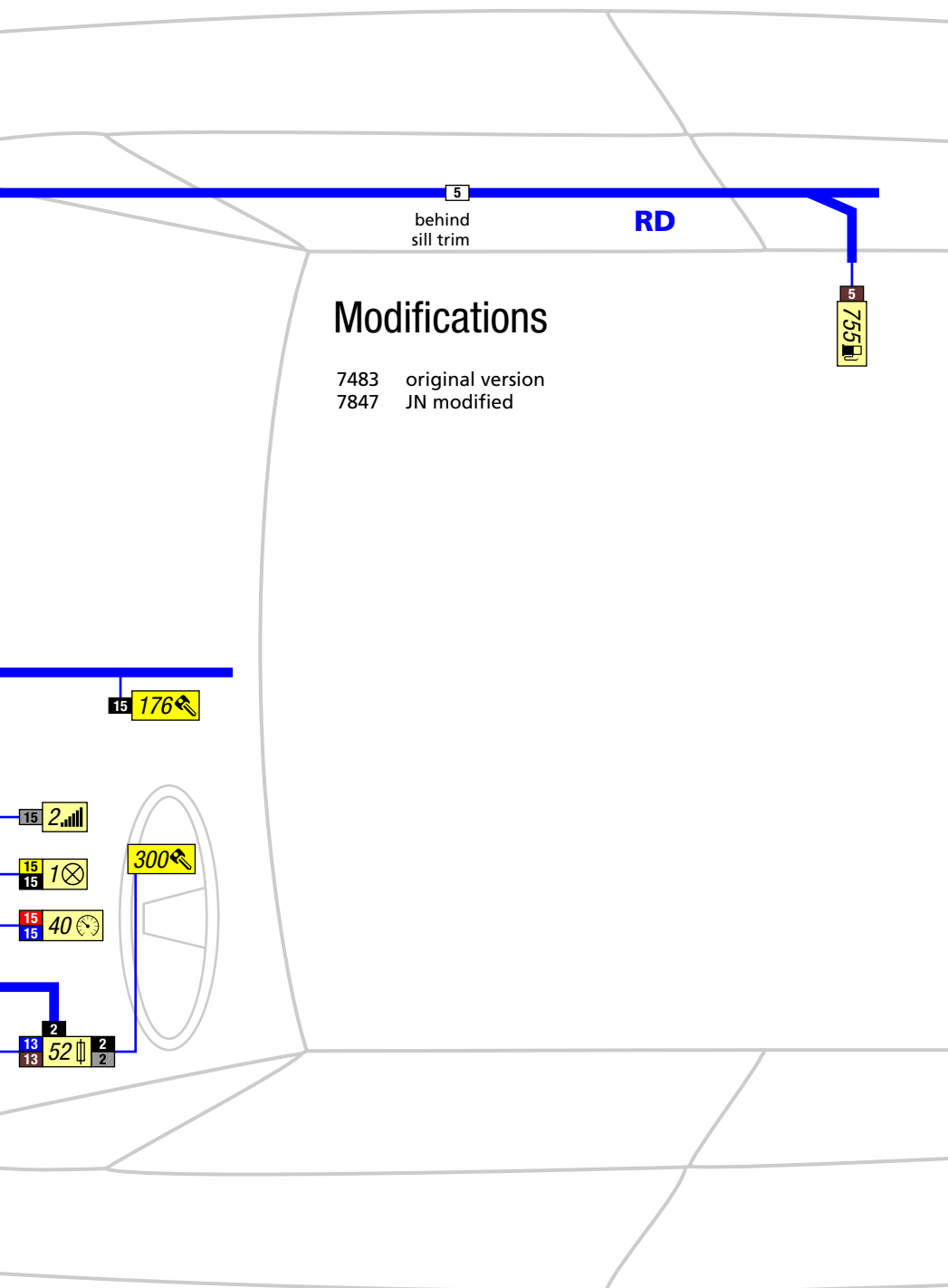
150 front knock sensor





Engine petrol V6 (XFZ ES9J4)





Modifications

7483 original version
7847 JN modified

AL

AV

CP

PB

RD

CN

FREE - NOT FOR RESALE

PB

JN

MC

110 spark plugs

45 ign coil

270 supressor

807B inj relay

807A inj relay

570 injectors

430 canister discharge

Bosch Motronic MP 7.0

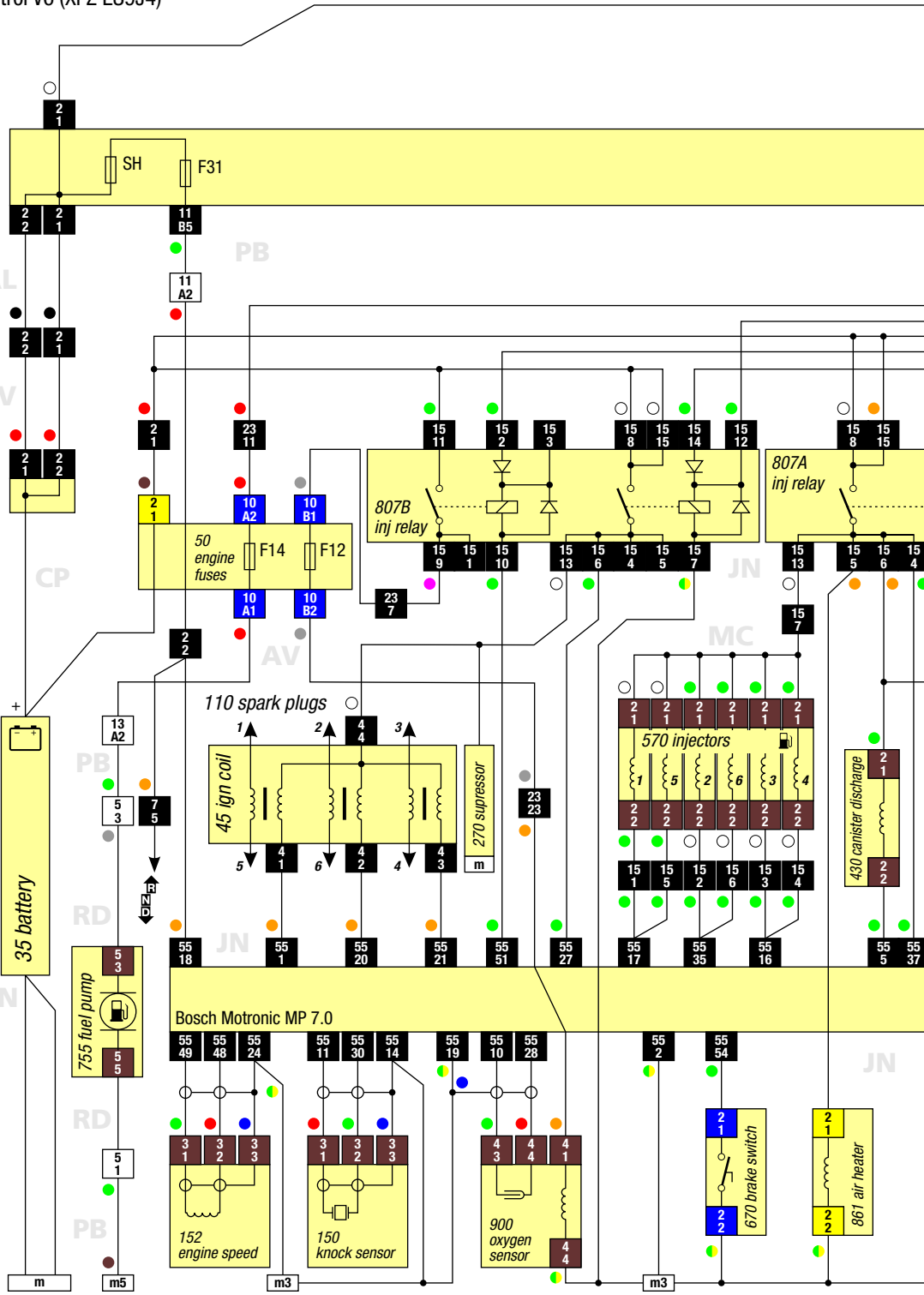
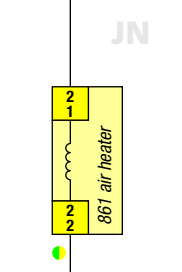
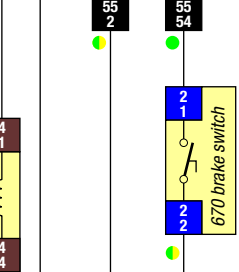
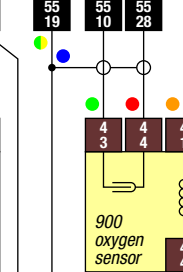
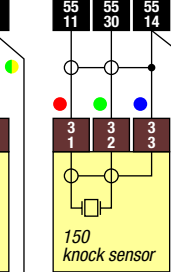
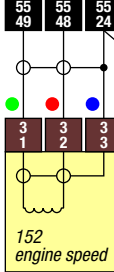
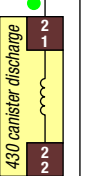
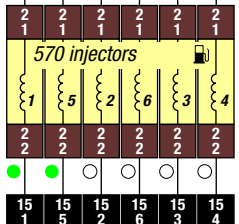
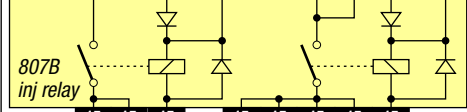
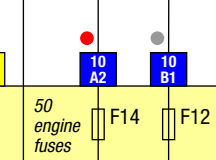
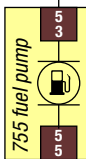
152 engine speed

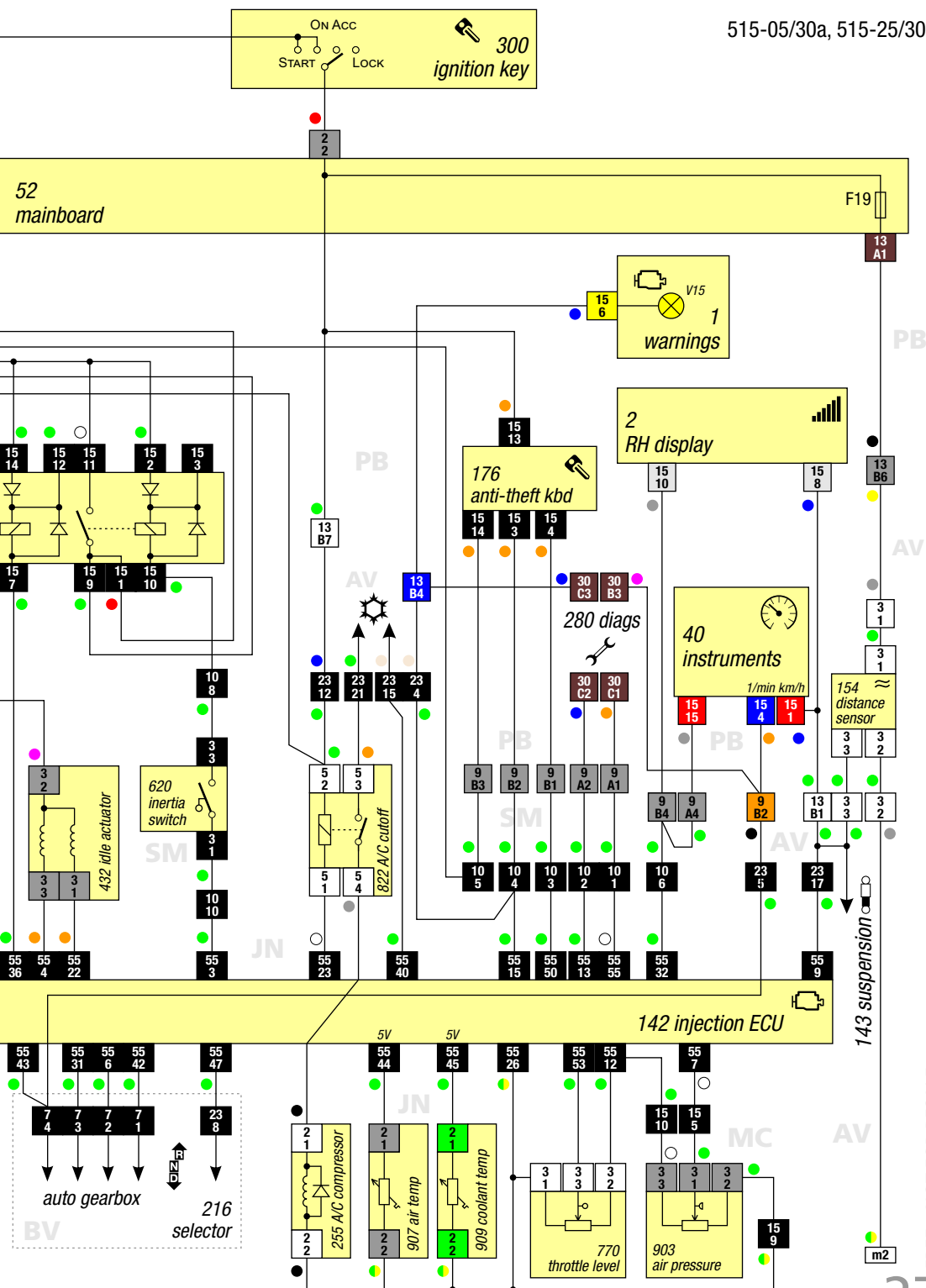
150 knock sensor

900 oxygen sensor

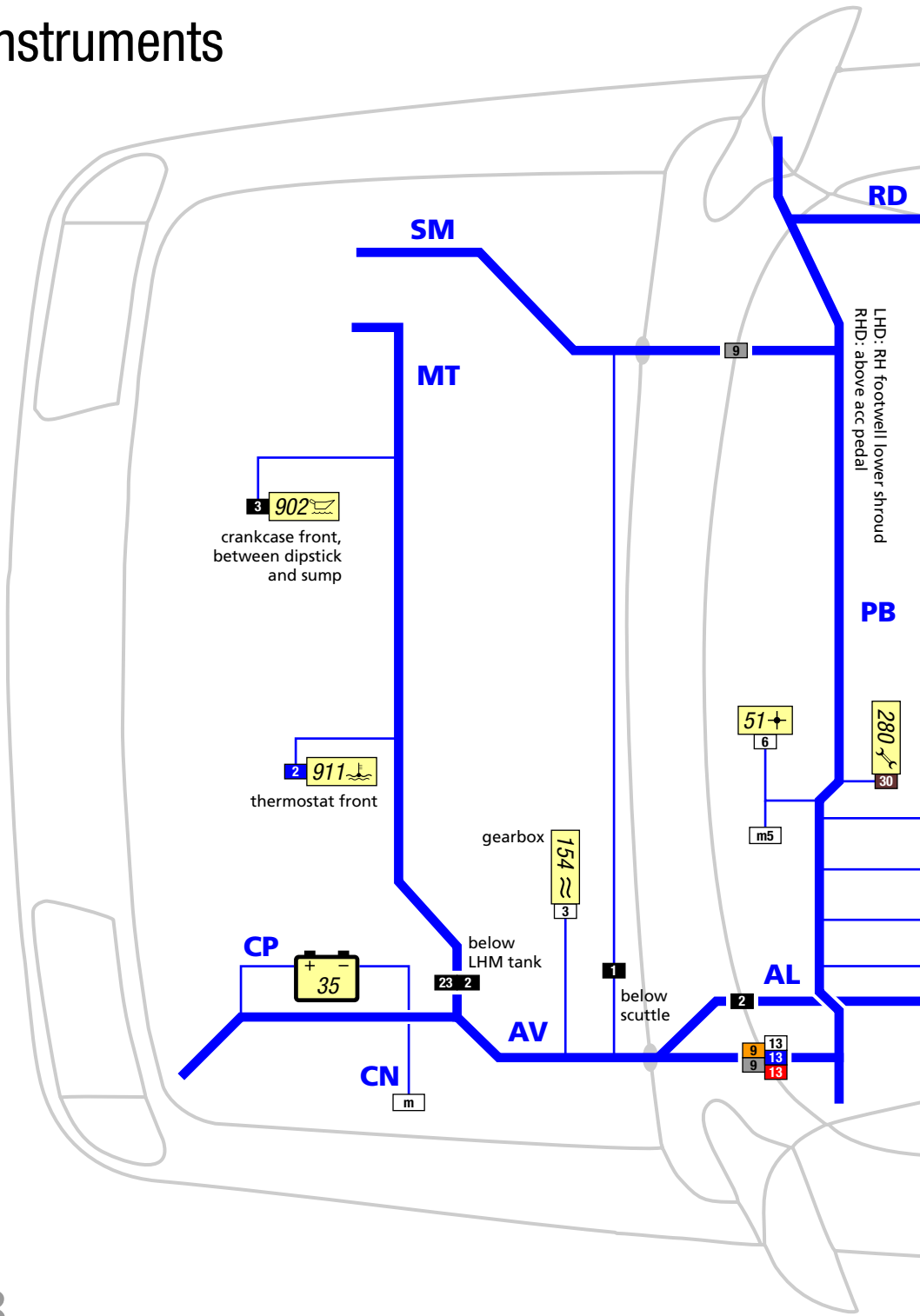
670 brake switch

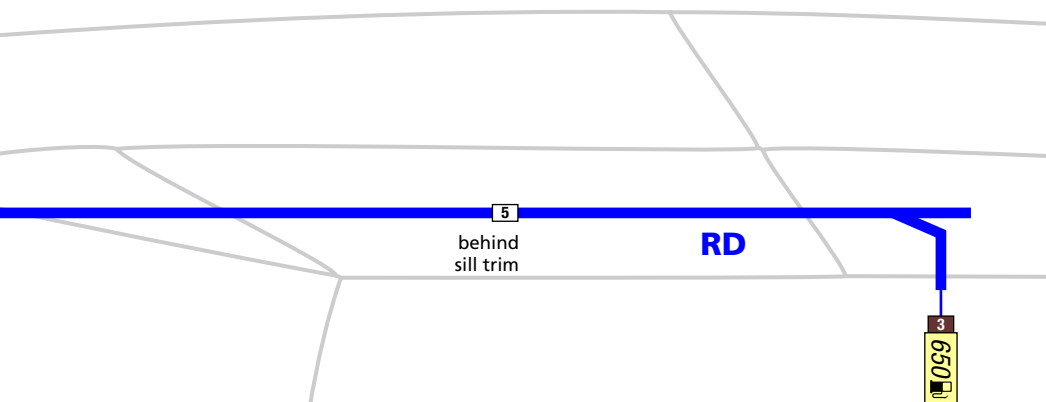
861 air heater



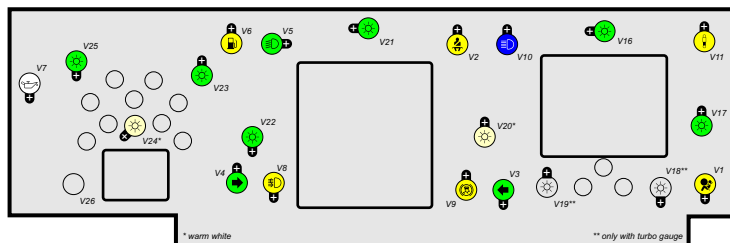


Instruments



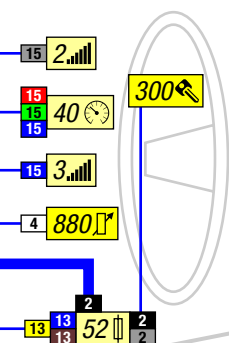


Bulbs

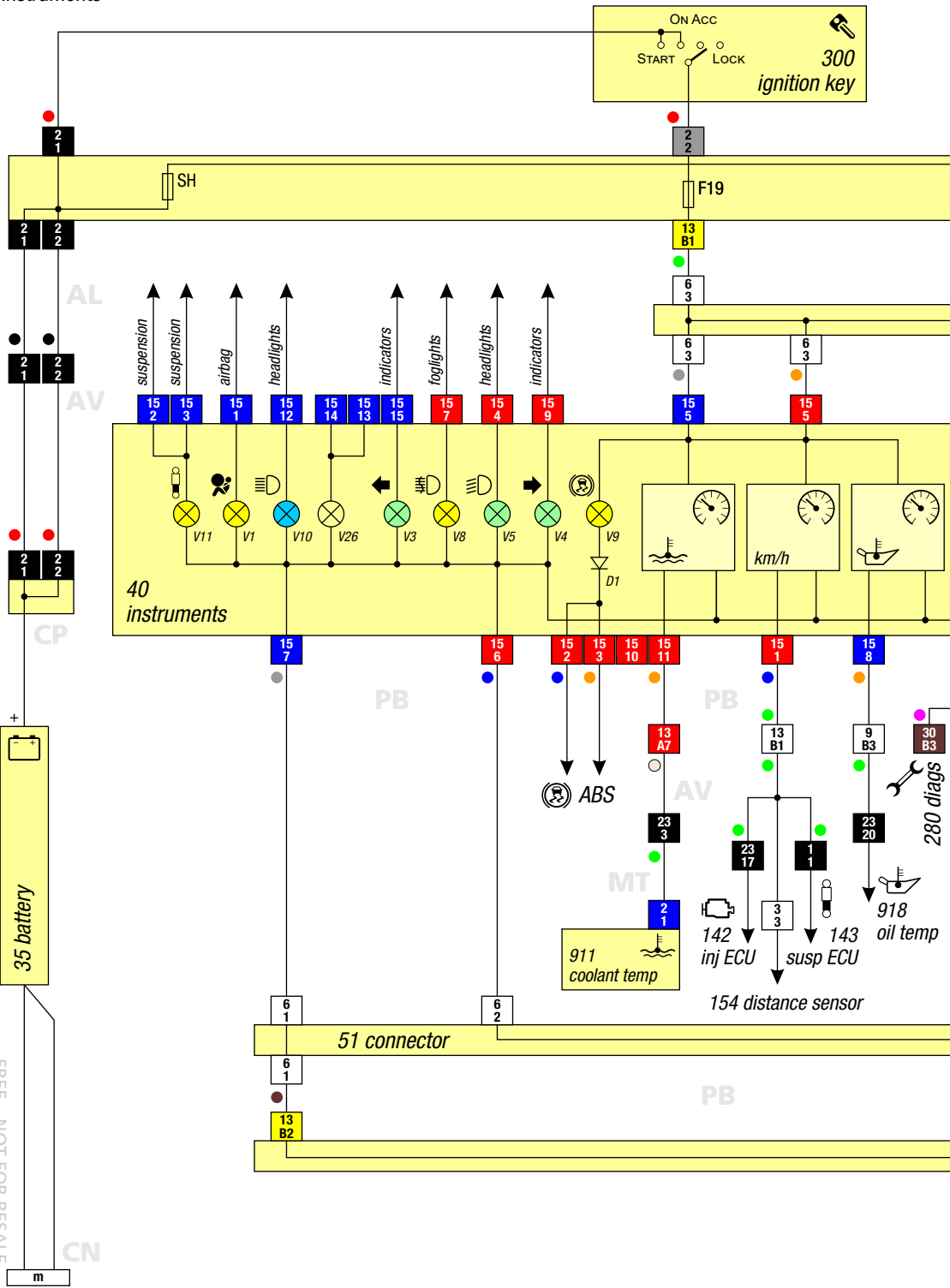


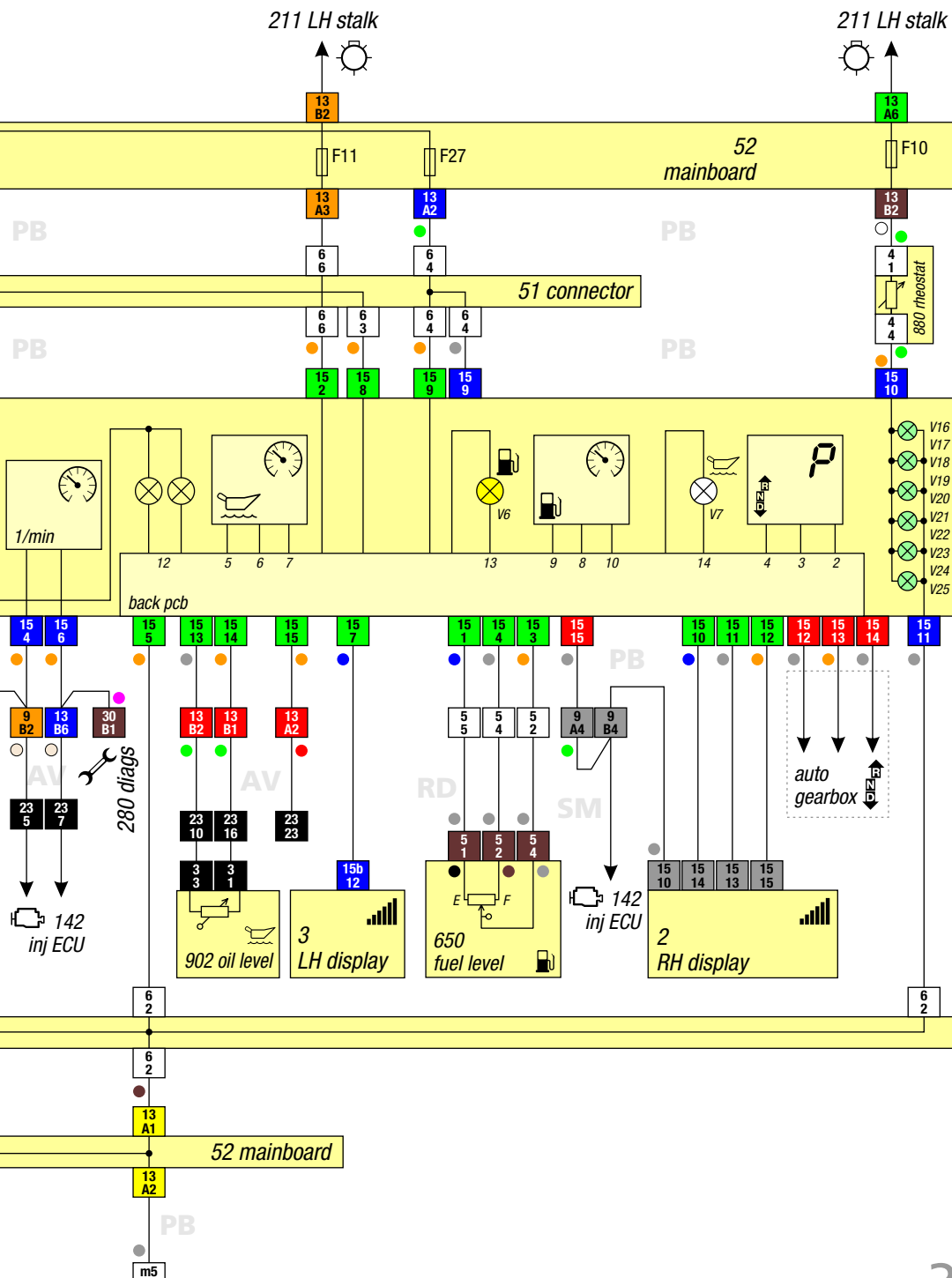
Modifications

- 6383 original version
- 6749 side/tail warning lamp deleted
- 6947 airbag warning light added
- 7084 PB and AV modified
- 7329 PB, MT and JN modified
- 7483 instrument cluster modified

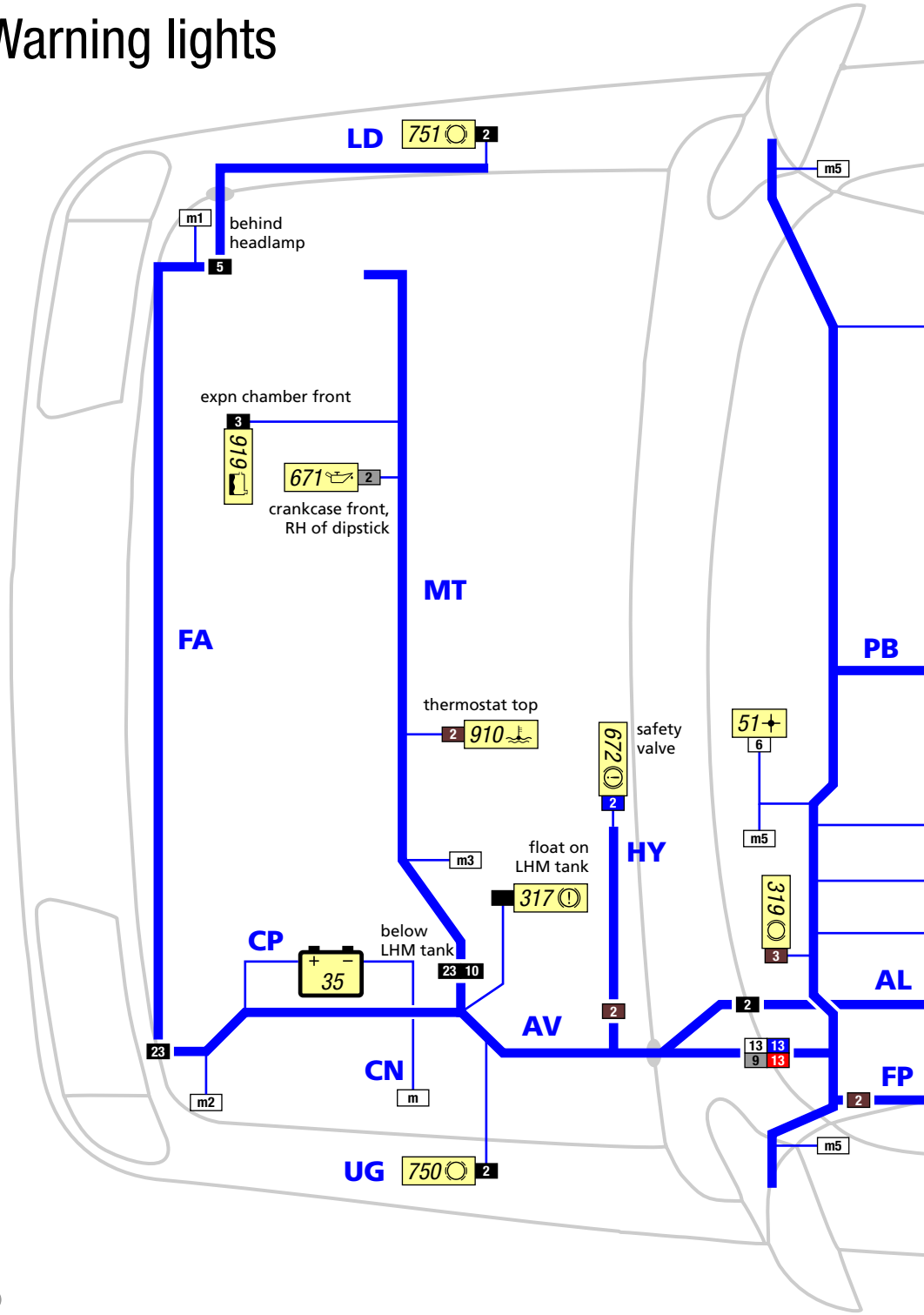


Instruments



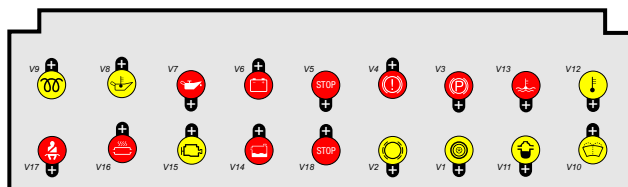


Warning lights



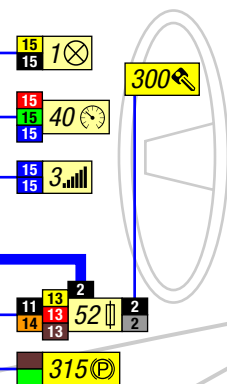
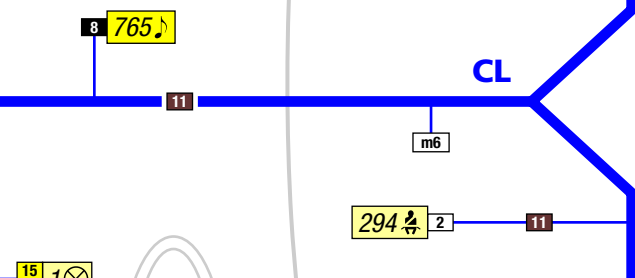
15 53 vertical,
behind glovebox

Bulbs

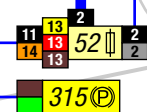


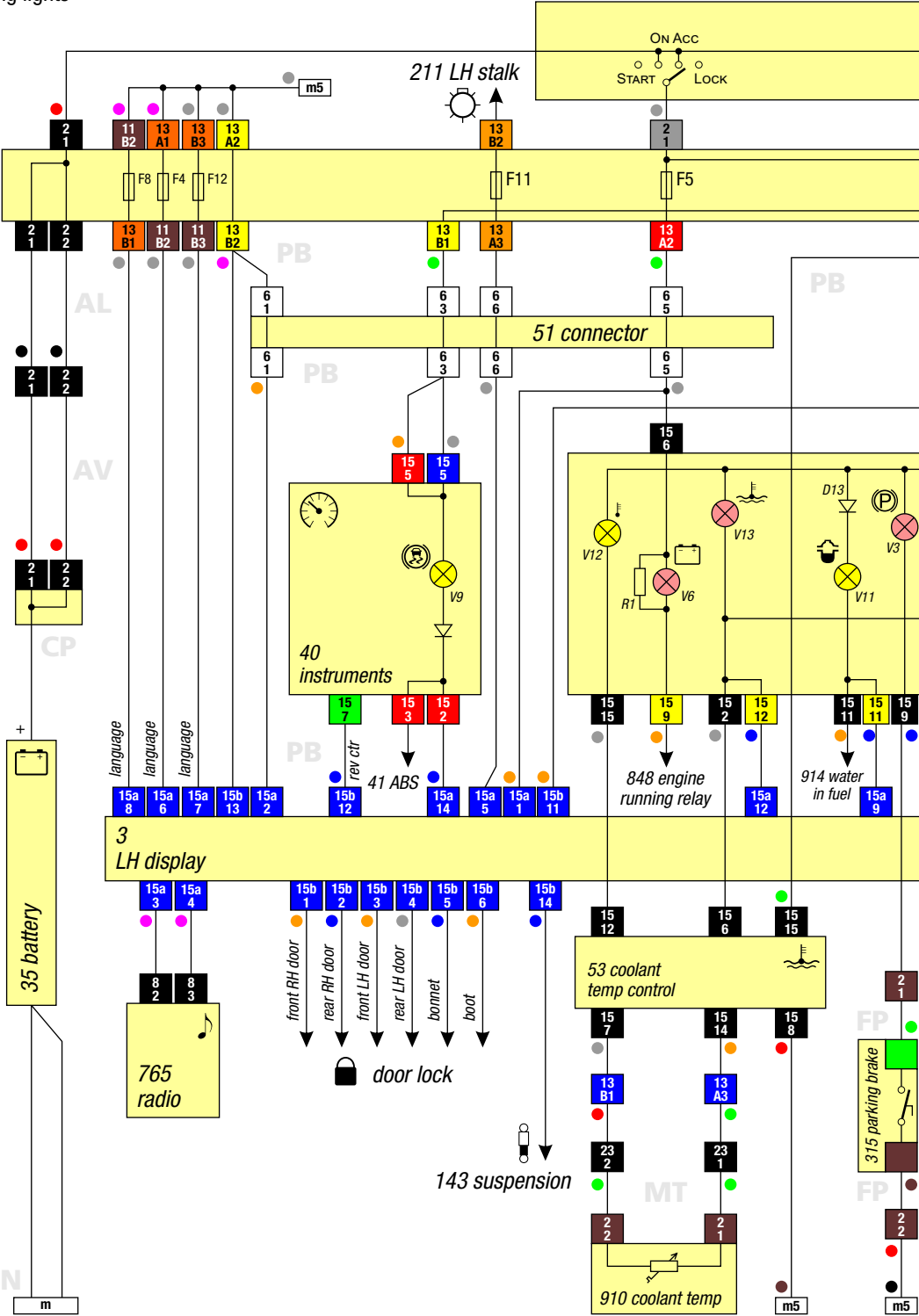
Modifications

6383	original version
6568	central display modified
6749	central display, fuses mod.
6947	UD deleted
7084	JN, MT, AV and PB modified
7329	PB, MT and JN modified
7483	AV, MT and JN modified



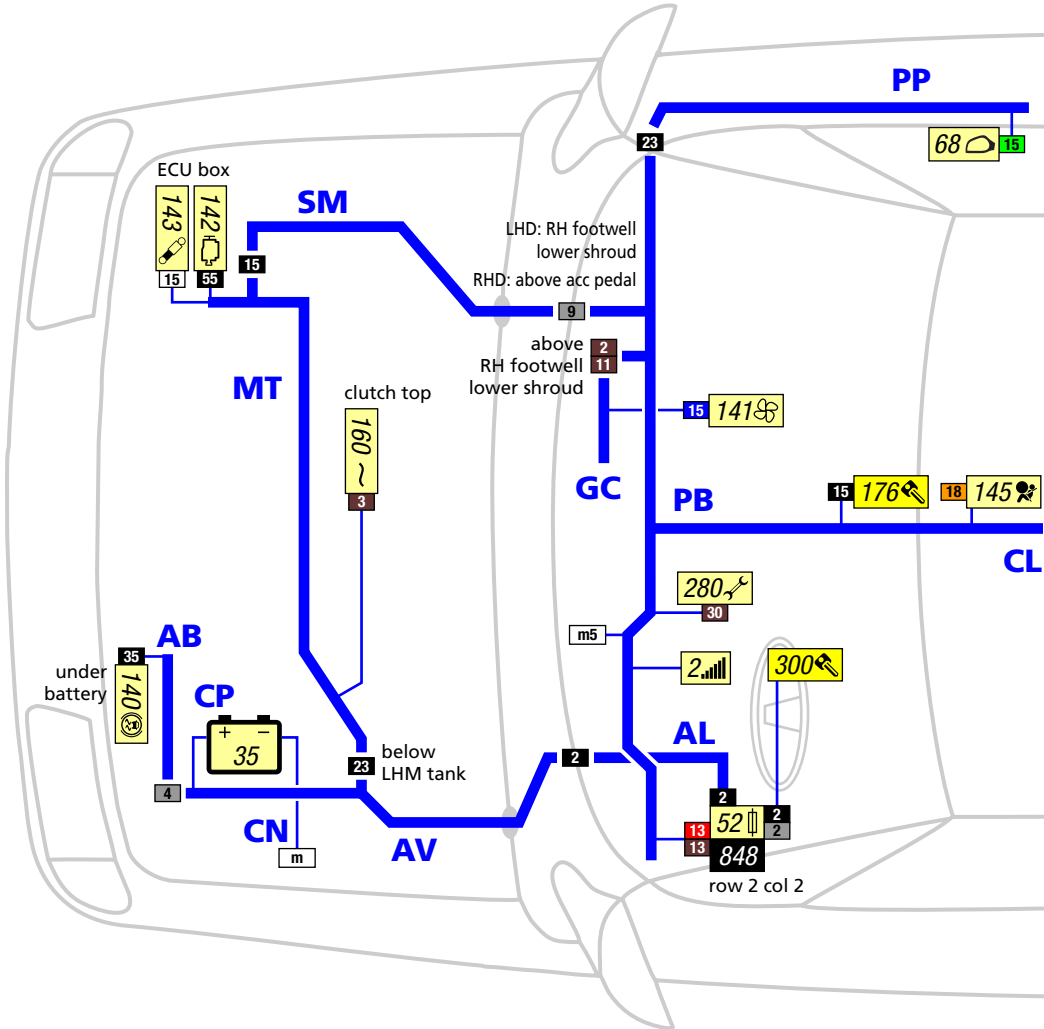
French: F4, F8, F12
 English: F4, F12
 German: F4, F8
 Italian: F12
 Spanish: F4
 Dutch: F8, F12





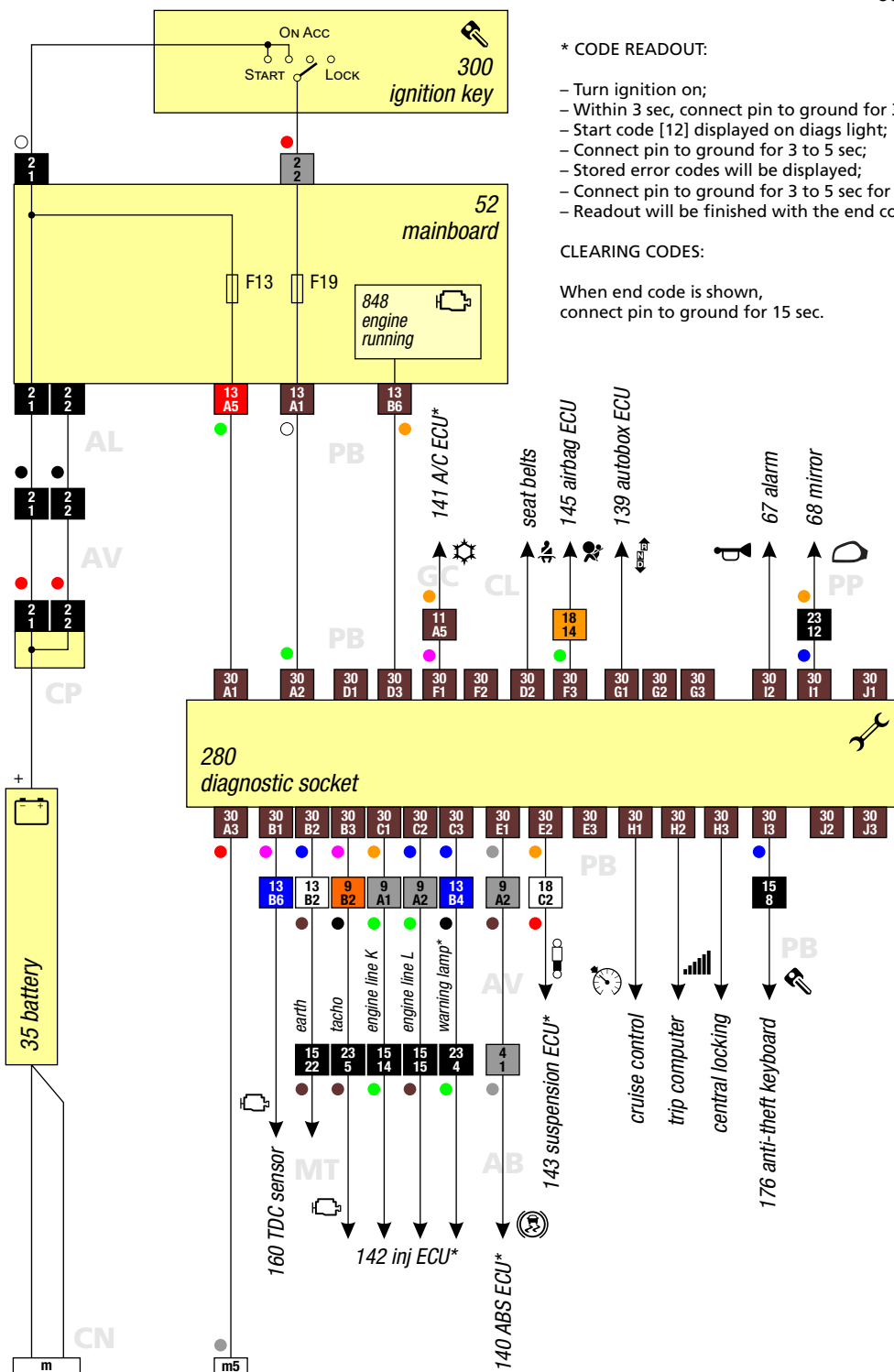


Diagnostics



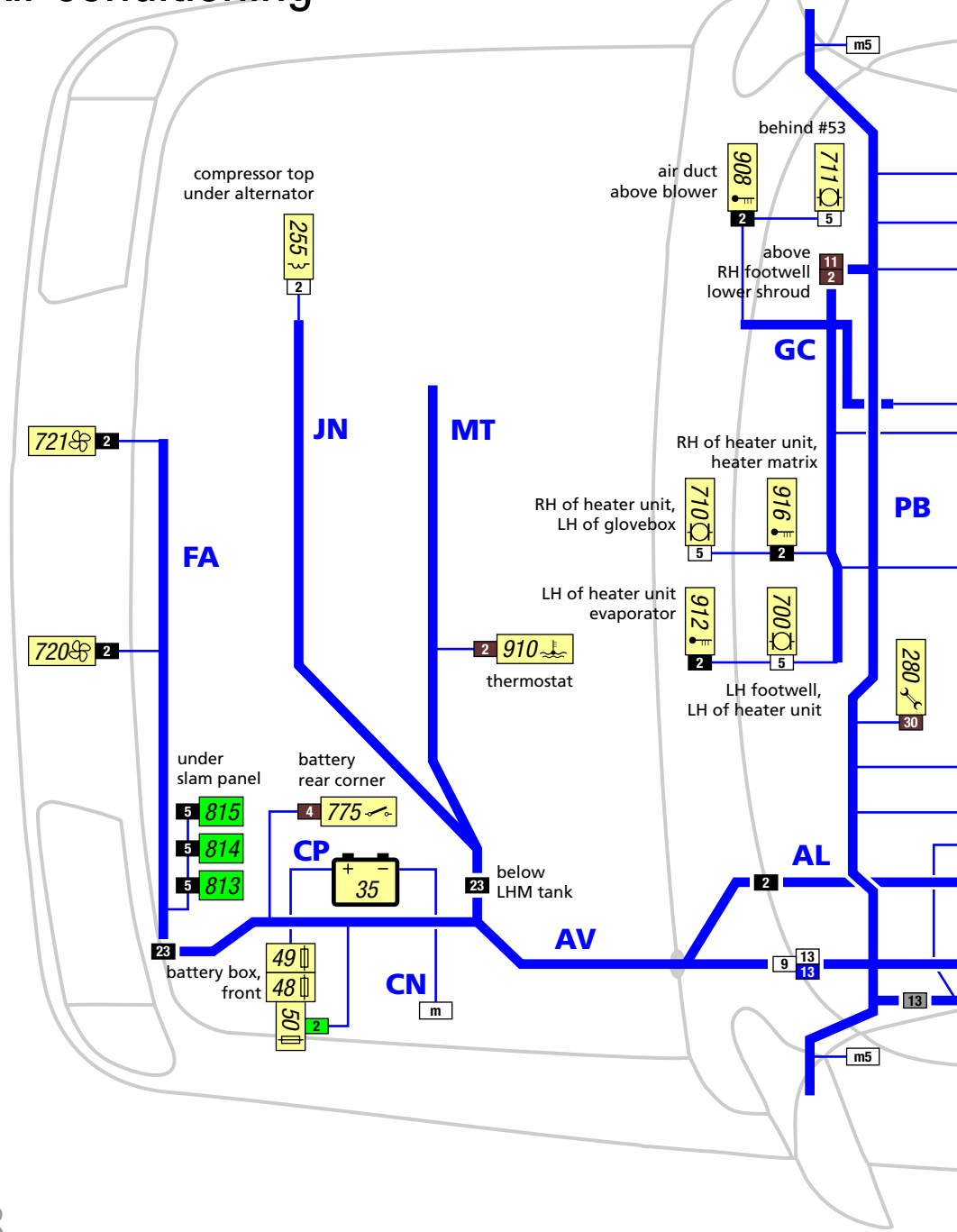
Modifications

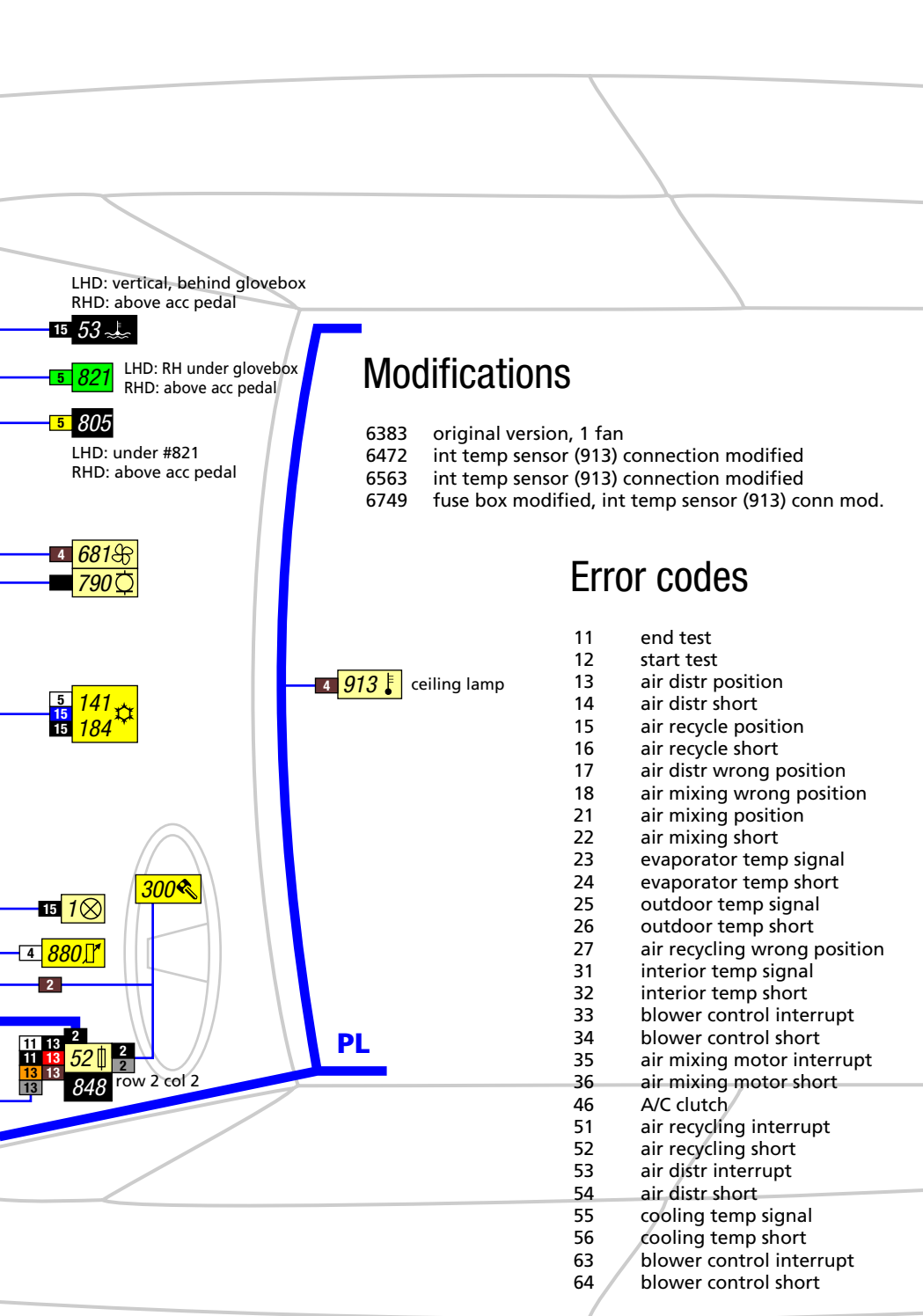
- 6383 original version
- 6749 ADC diags modified
- 6947 seat belt pretens test mod.
- 7483 MT modified



Cooling

Air conditioning





LHD: vertical, behind glovebox
RHD: above acc pedal

15 53

5 821

LHD: RH under glovebox
RHD: above acc pedal

5 805

LHD: under #821
RHD: above acc pedal

4 681

790

5 141

15 184

15 1

4 880

2

11 13 2 52

13 848

row 2 col 2

300

4 913 ceiling lamp

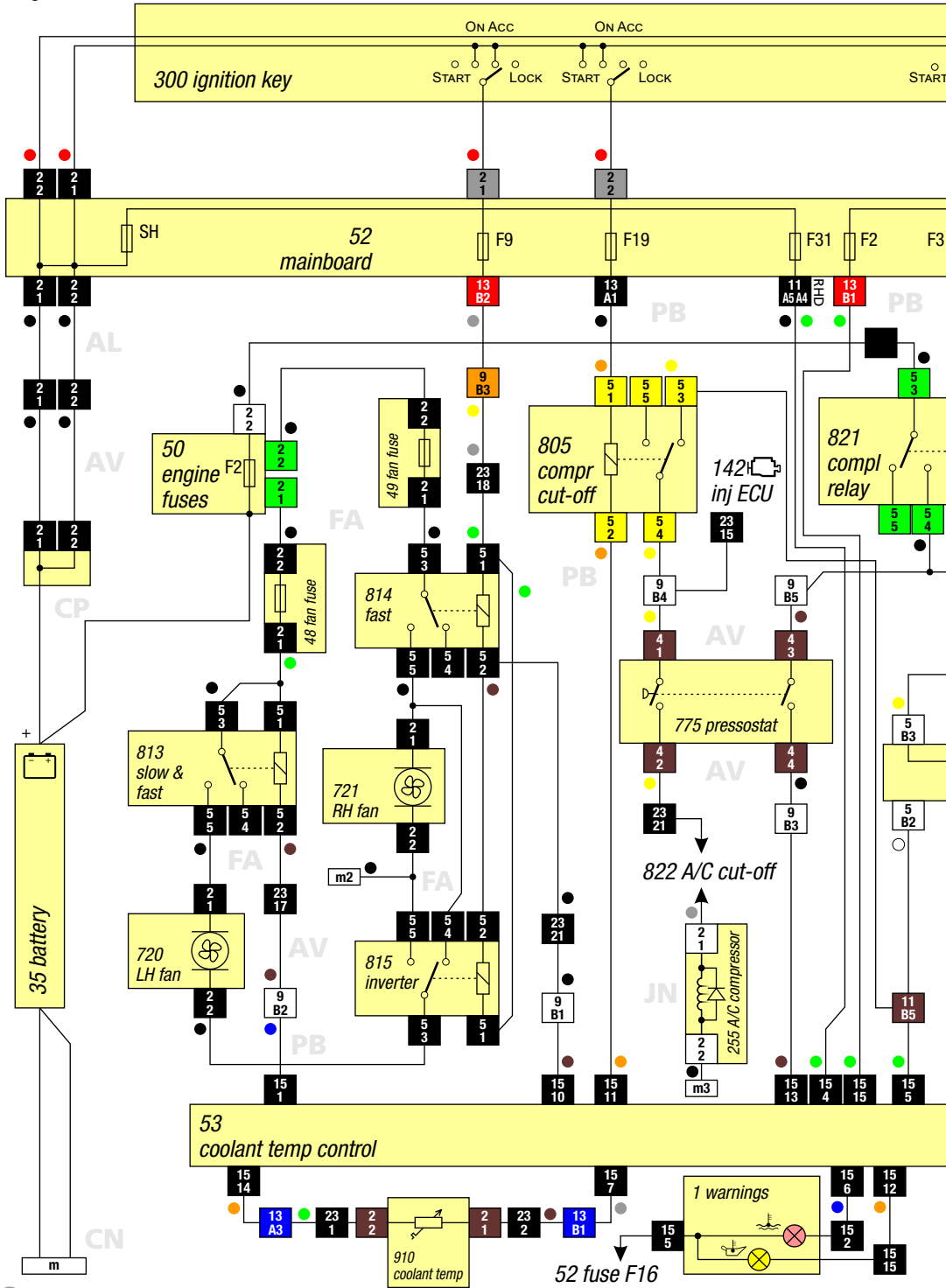
PL

Modifications

- 6383 original version, 1 fan
- 6472 int temp sensor (913) connection modified
- 6563 int temp sensor (913) connection modified
- 6749 fuse box modified, int temp sensor (913) conn mod.

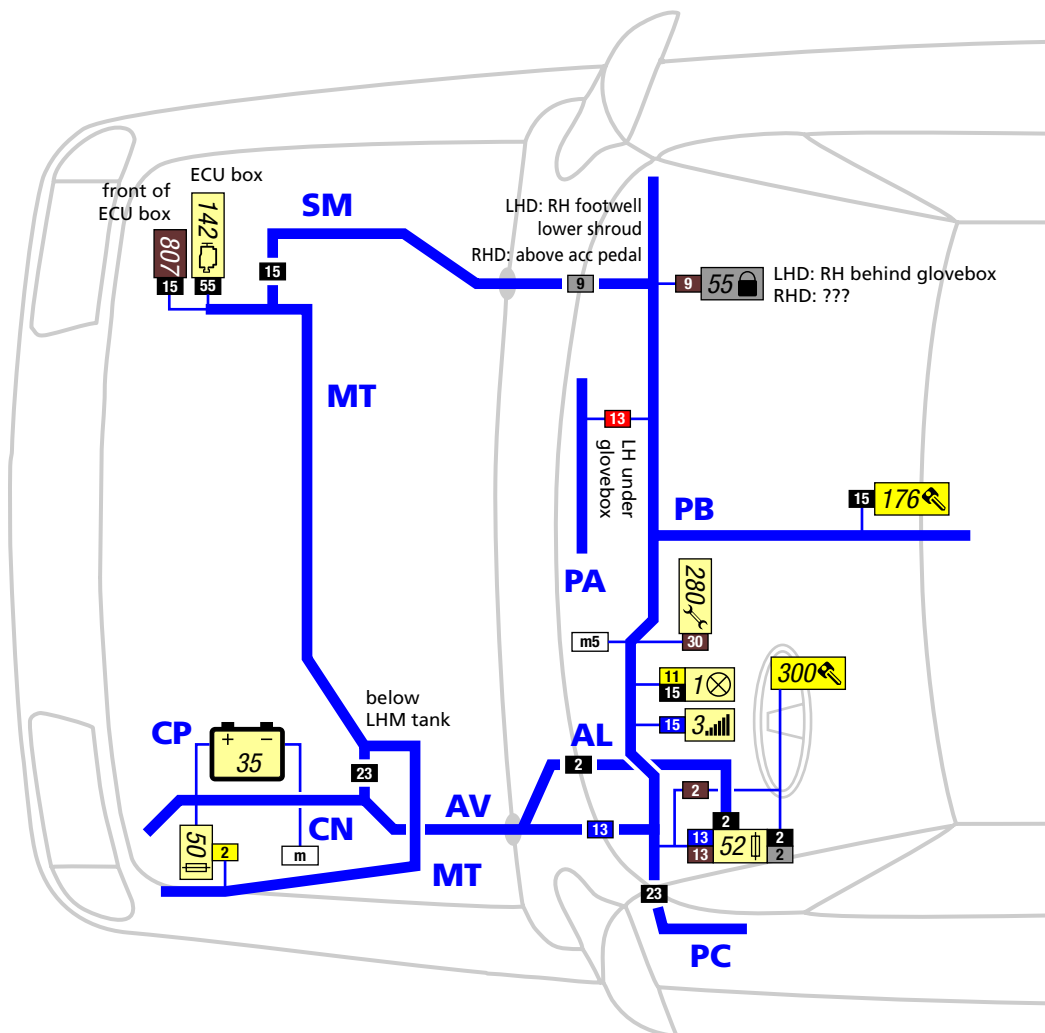
Error codes

- 11 end test
- 12 start test
- 13 air distr position
- 14 air distr short
- 15 air recycle position
- 16 air recycle short
- 17 air distr wrong position
- 18 air mixing wrong position
- 21 air mixing position
- 22 air mixing short
- 23 evaporator temp signal
- 24 evaporator temp short
- 25 outdoor temp signal
- 26 outdoor temp short
- 27 air recycling wrong position
- 31 interior temp signal
- 32 interior temp short
- 33 blower control interrupt
- 34 blower control short
- 35 air mixing motor interrupt
- 36 air mixing motor short
- 46 A/C clutch
- 51 air recycling interrupt
- 52 air recycling short
- 53 air distr interrupt
- 54 air distr short
- 55 cooling temp signal
- 56 cooling temp short
- 63 blower control interrupt
- 64 blower control short



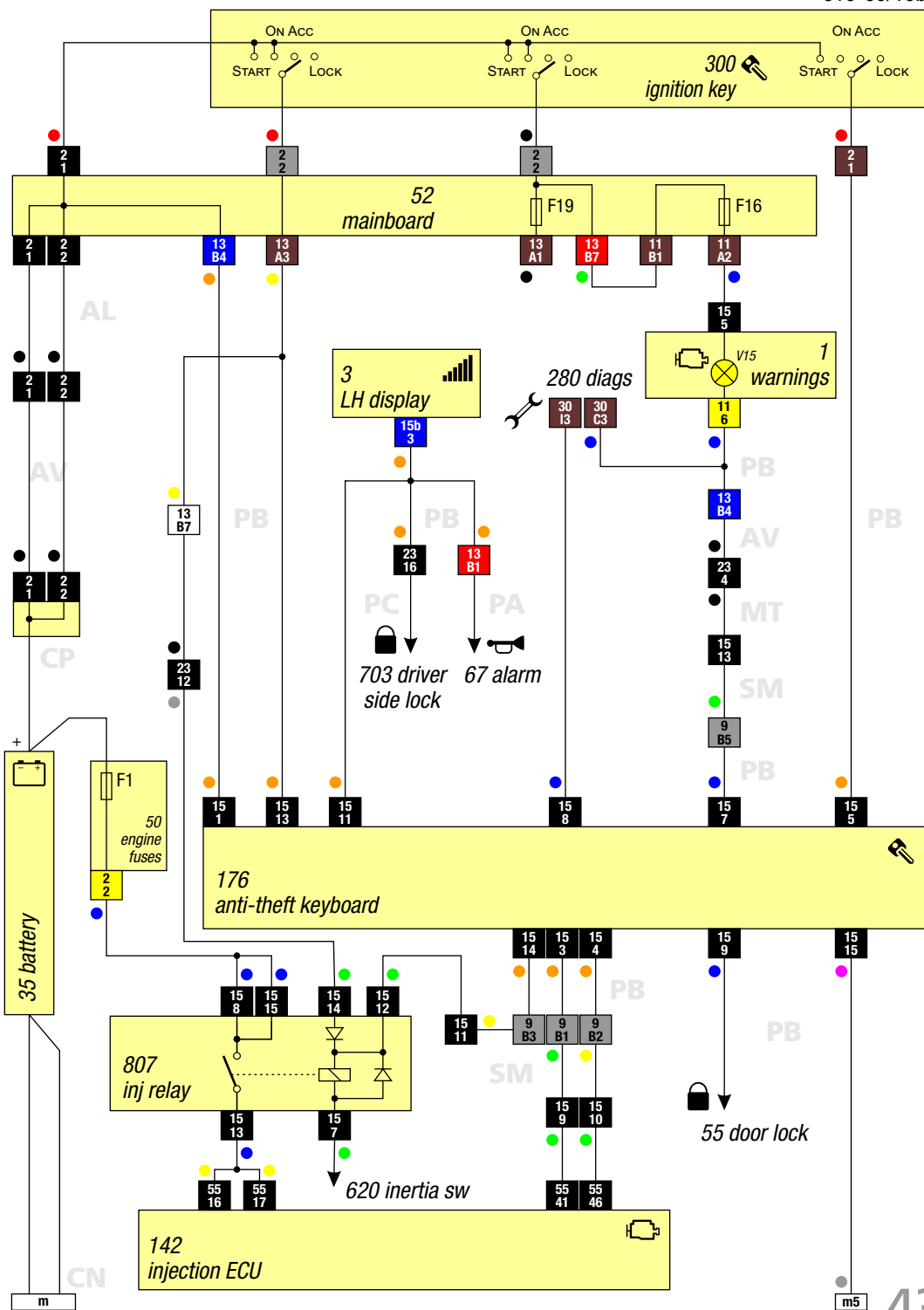


Anti-theft



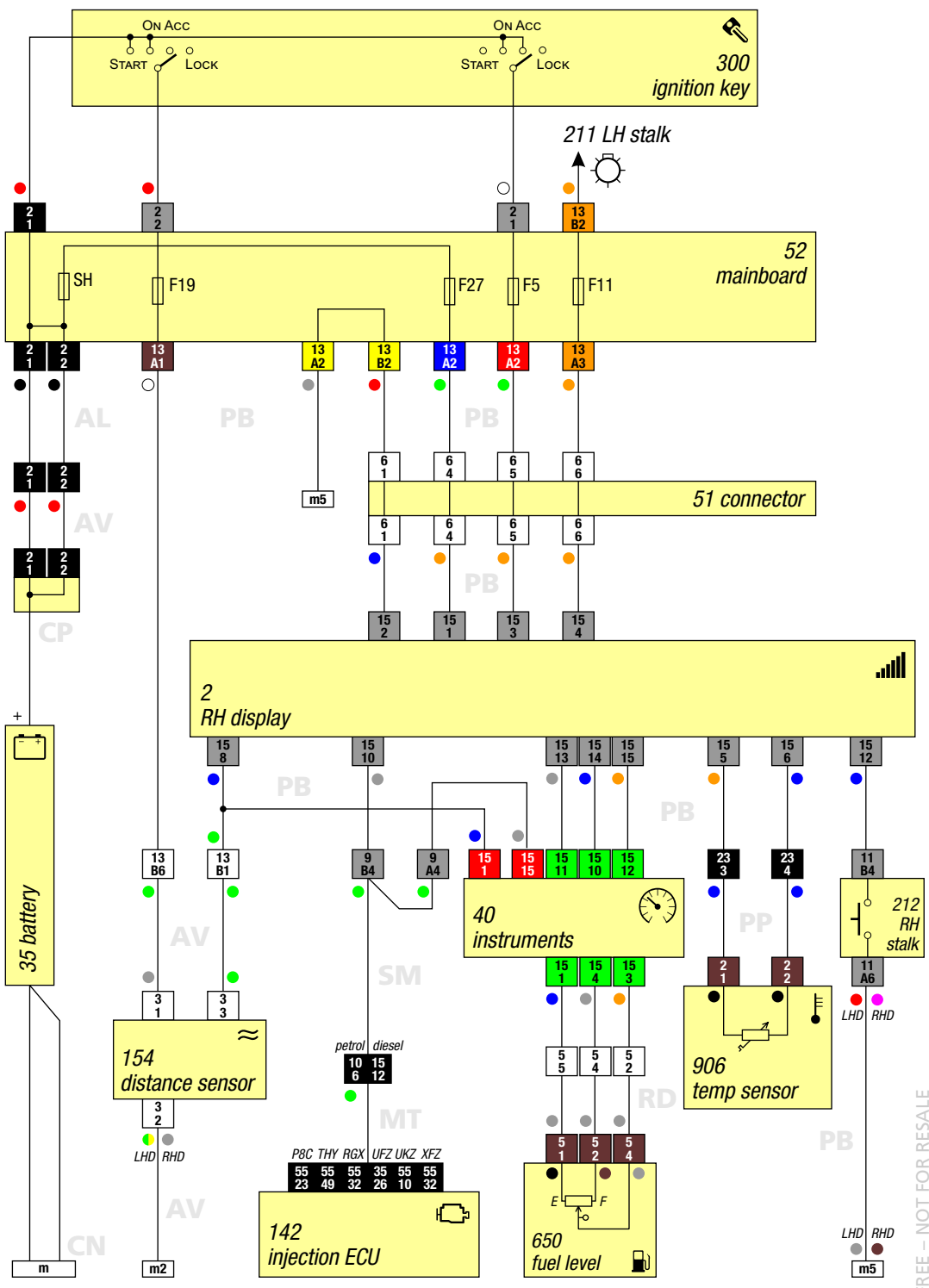
Modifications

- | | |
|------|-----------------------|
| 6383 | original version |
| 6568 | JN and SM modified |
| 6749 | ADC fitted (diesel) |
| 7084 | HF plip (PB modified) |
| 7329 | PB modified |
| 7483 | PA deleted |



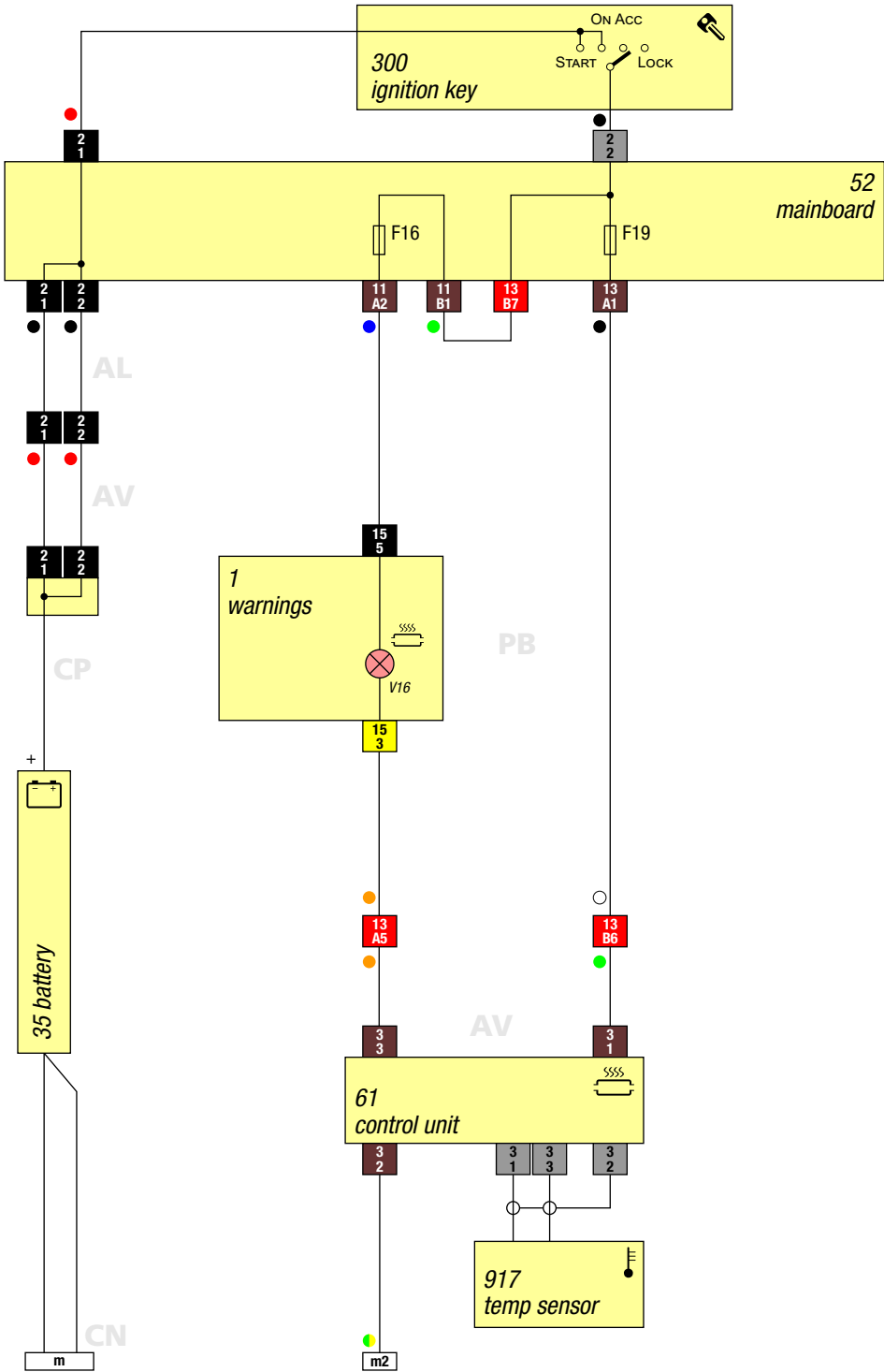


- | | |
|------|------------------------|
| 6383 | original version |
| 6749 | fuse box modified |
| 7329 | PB modified |
| 7483 | PB, AV and MT modified |



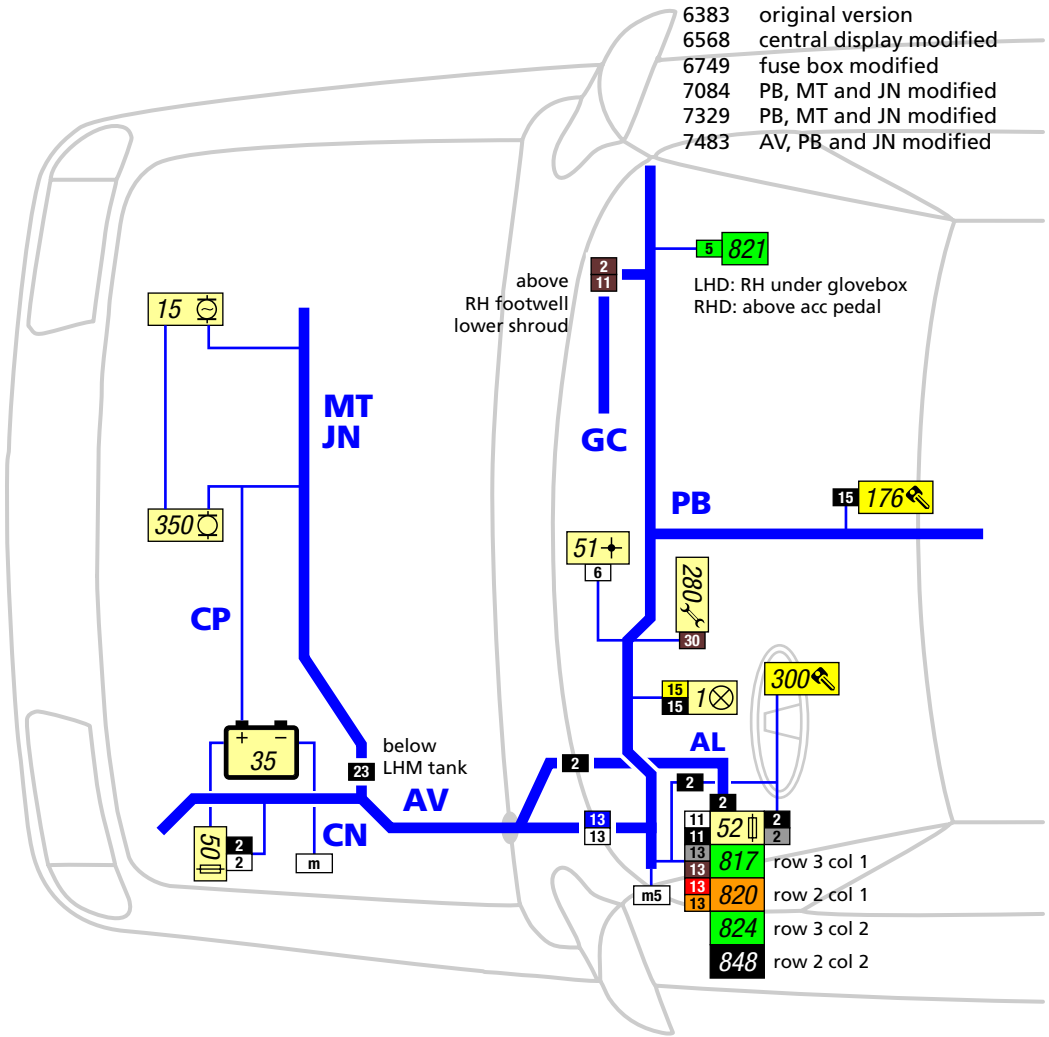


6383	original version
6749	fuse box modified
7084	PB and AV modified
7329	PB modified
7483	Level A deleted



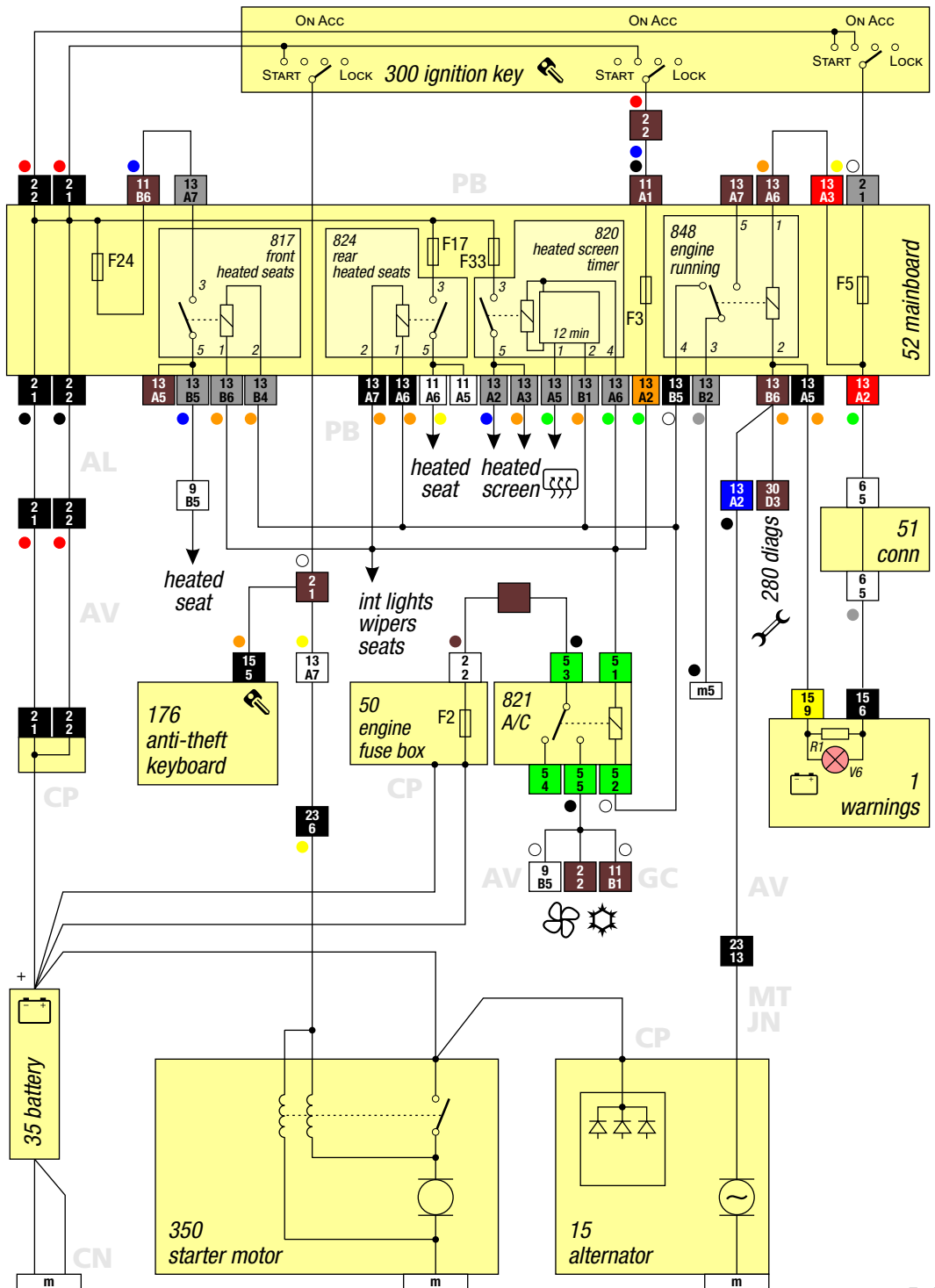
Starting & charging

Modifications

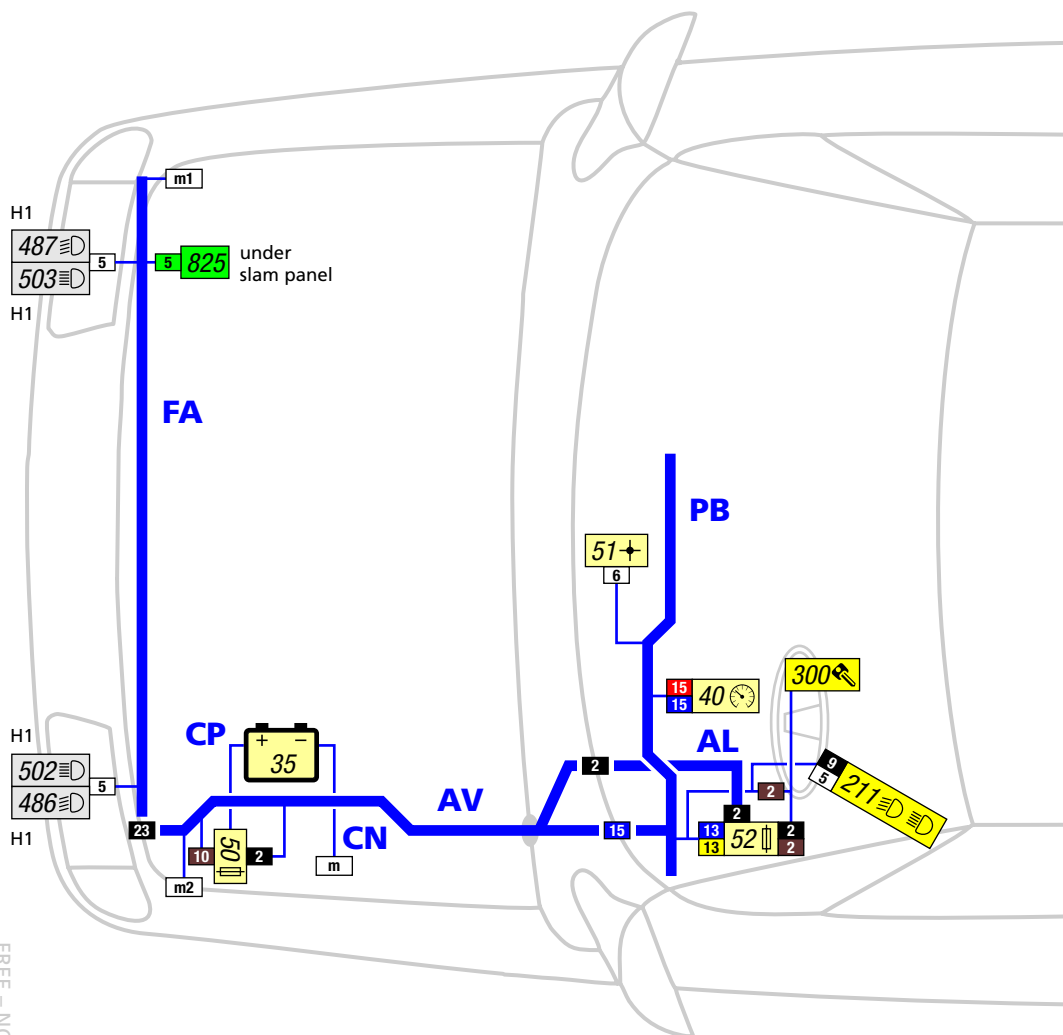


Typical drain currents

Clock	2 mA	LH window anti-pinch	1 mA
Trip computer	3 mA	Radio	3 mA
Alarm control unit	5 mA	CD player	2 mA
Alarm siren	0.5 mA	Anti-theft keypad	2.5 mA
Alarm LED	3 mA	Injection ECU	2 mA
Central locking unit	1 mA	Hydractive ECU	1 mA
Lock remote receiver, IR	6 mA	ABS ECU	—
Lock remote receiver, RF	3 mA	Autobox ECU	1 mA
Deadlocking unit	1.5 mA	A/C	—
Deadlocks	1 mA		

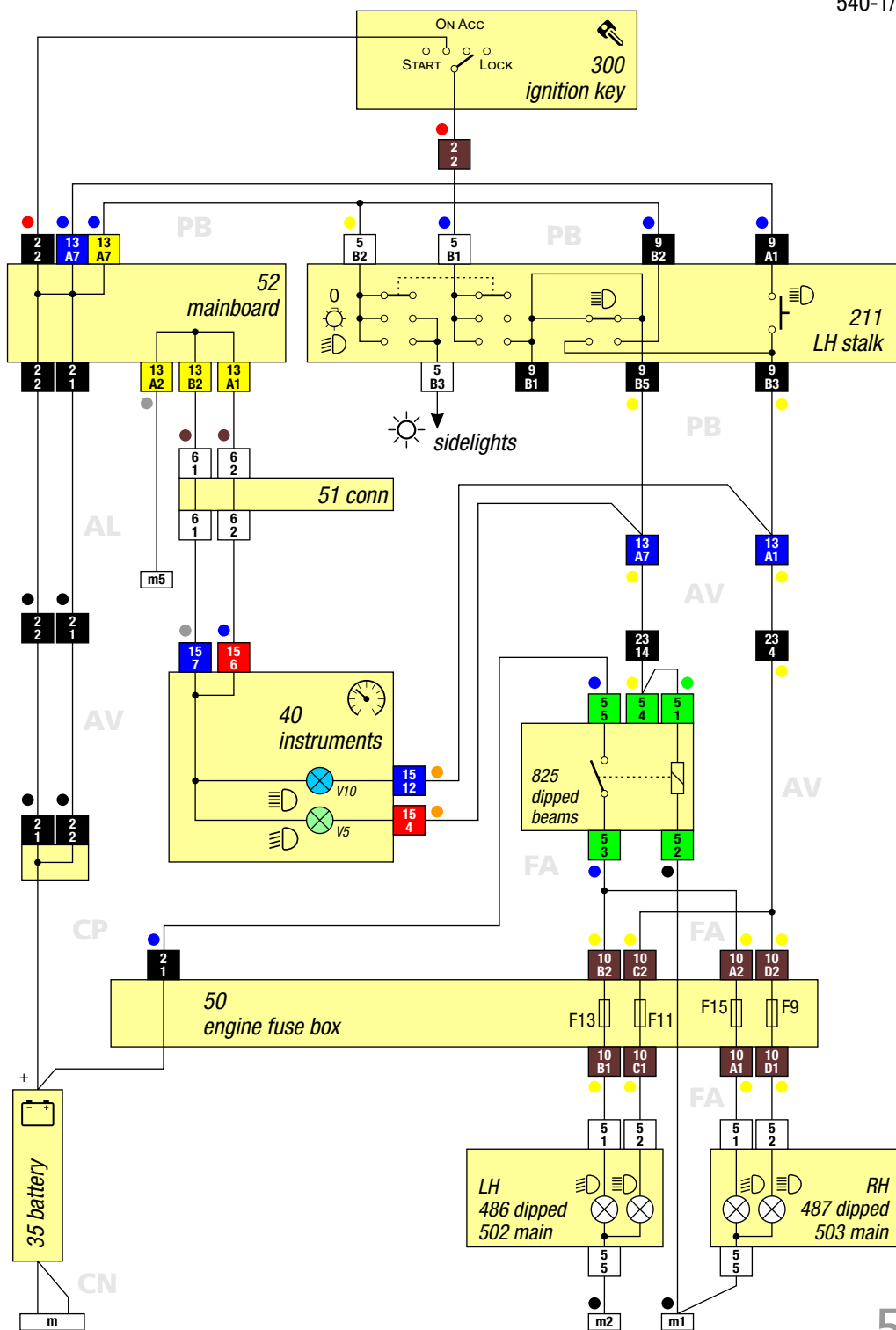


Headlights



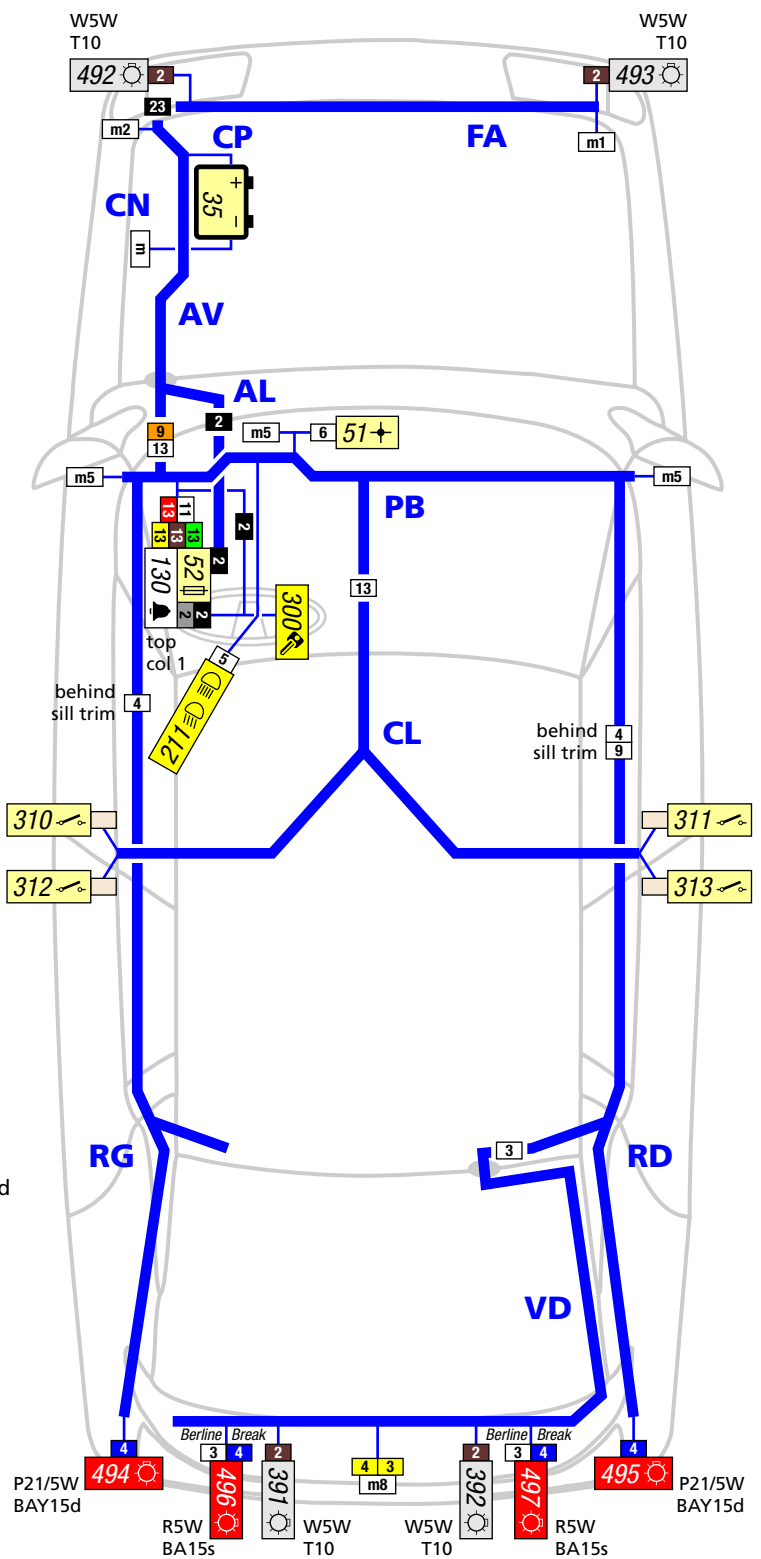
Modifications

6383 original version
6749 fuse box modified



Side lights

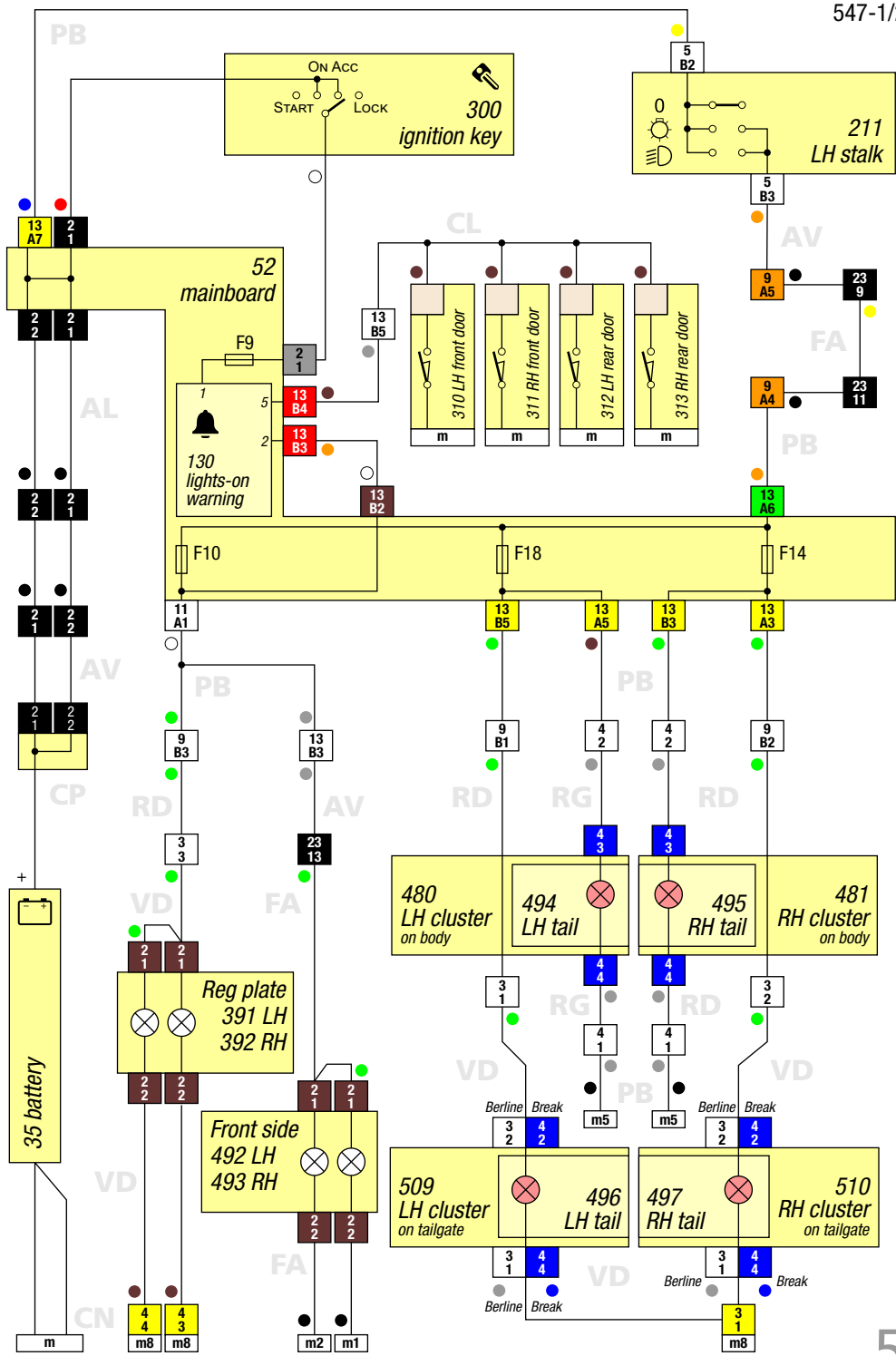
Tail lights



Modifications

- 6383 original version
- 6749 tail and reg plate modified
- 7084 AV and CL modified
- 7329 PB and CL modified
- 7483 PB, AV and FA modified

FREE - NOT FOR RESALE

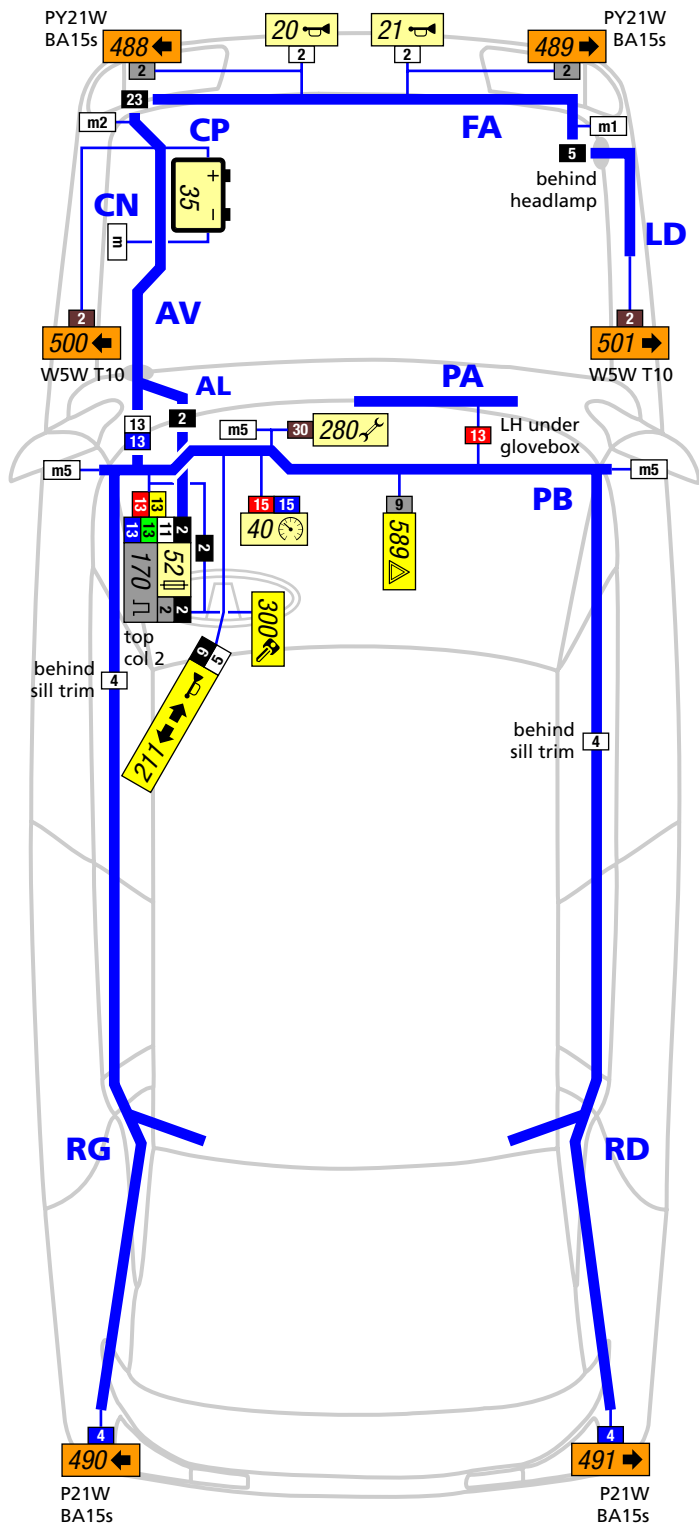


FREE - NOT FOR RESALE



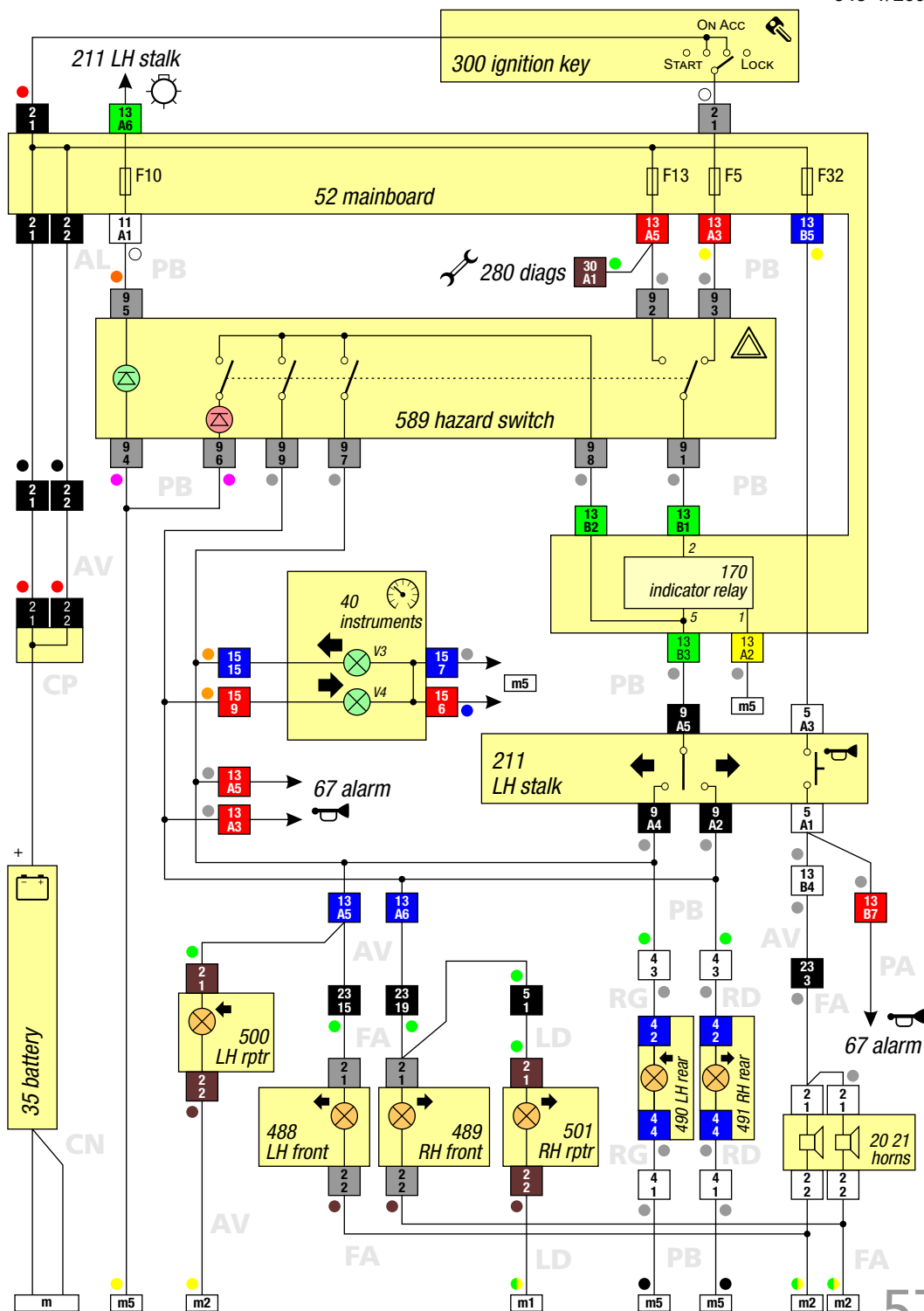


Indicators

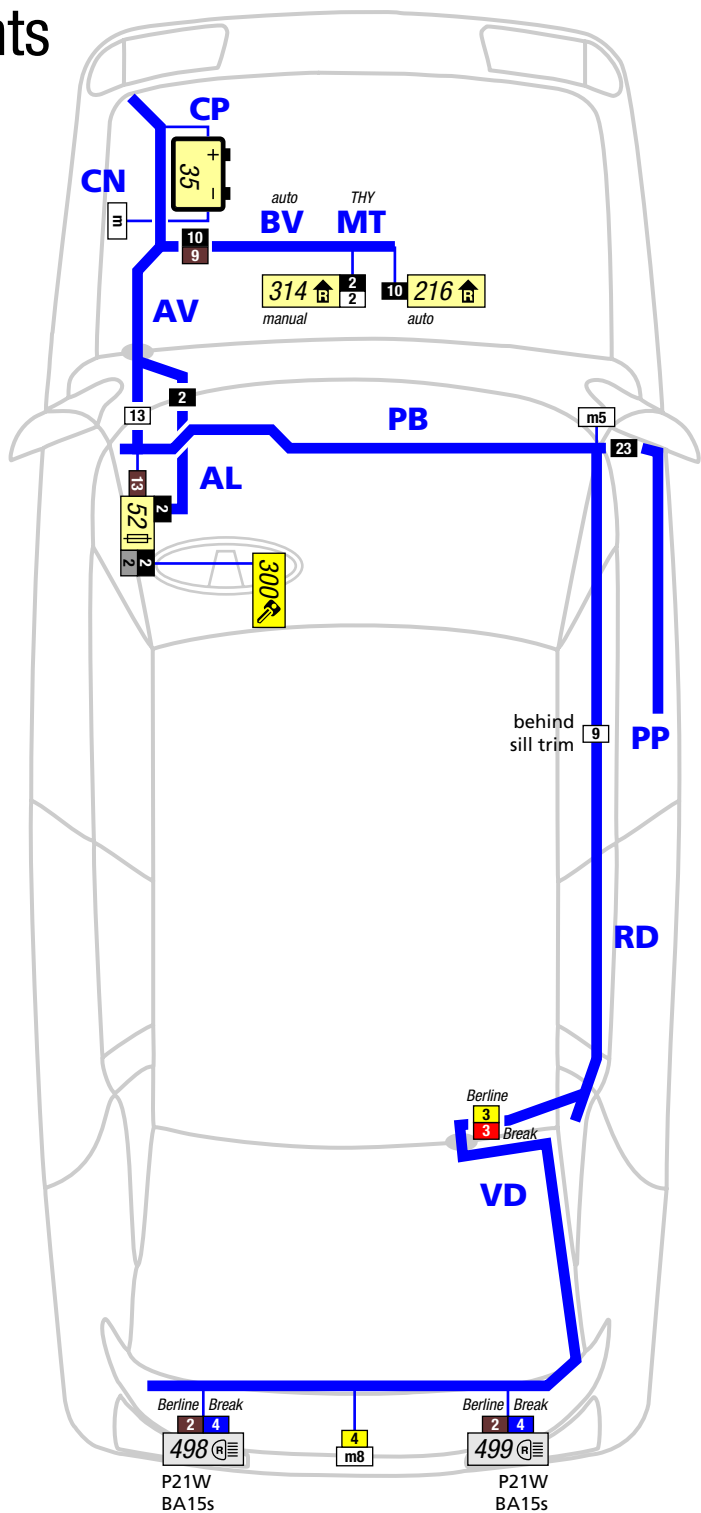


Modifications

- 6383 original version
- 6749 fuse box modified
- 6947 SM and LD modified
- 7084 PB, AV and FA modified
- 7329 PB modified
- 7483 PB modified, PA deleted

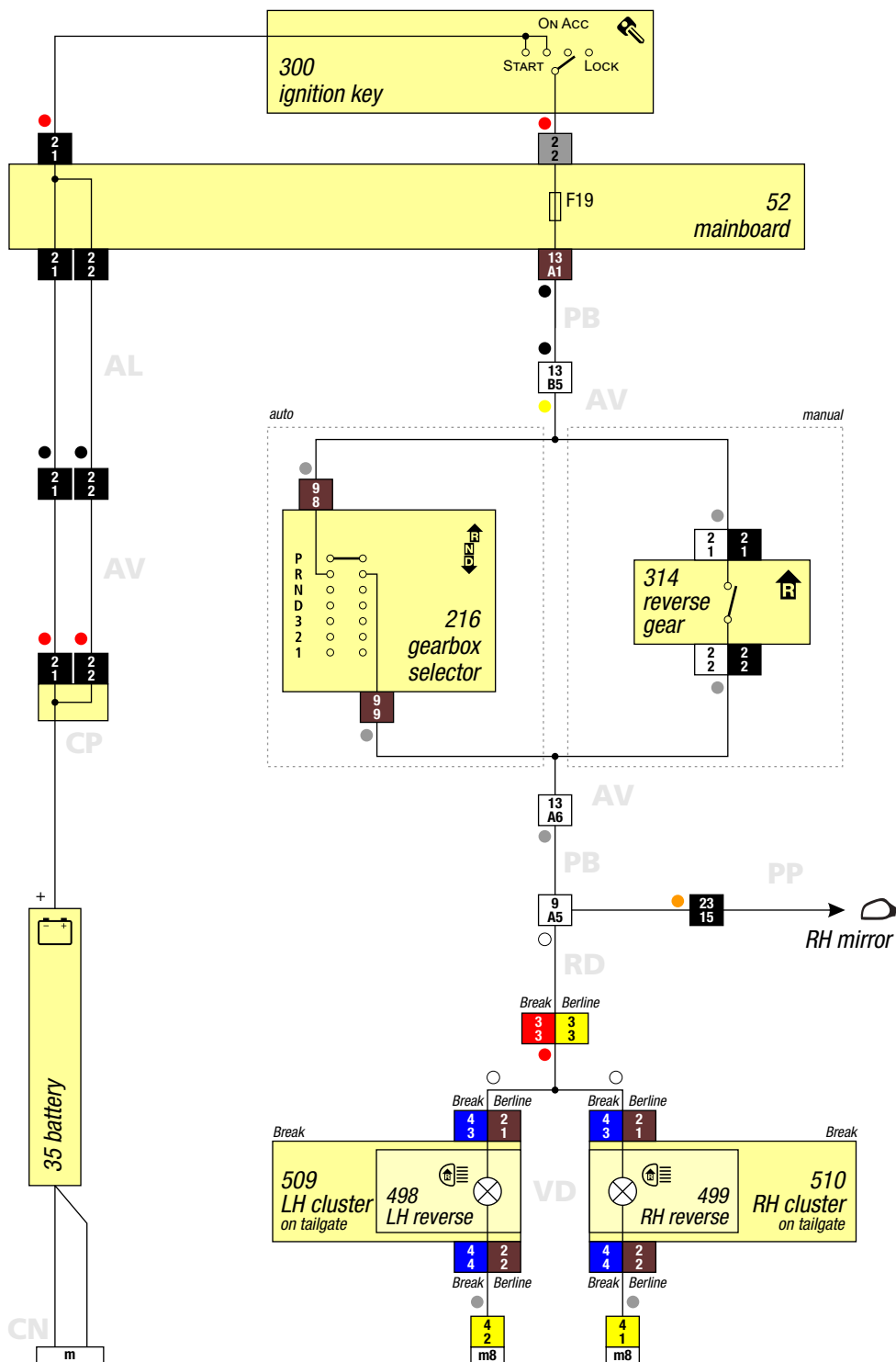


Reversing lights

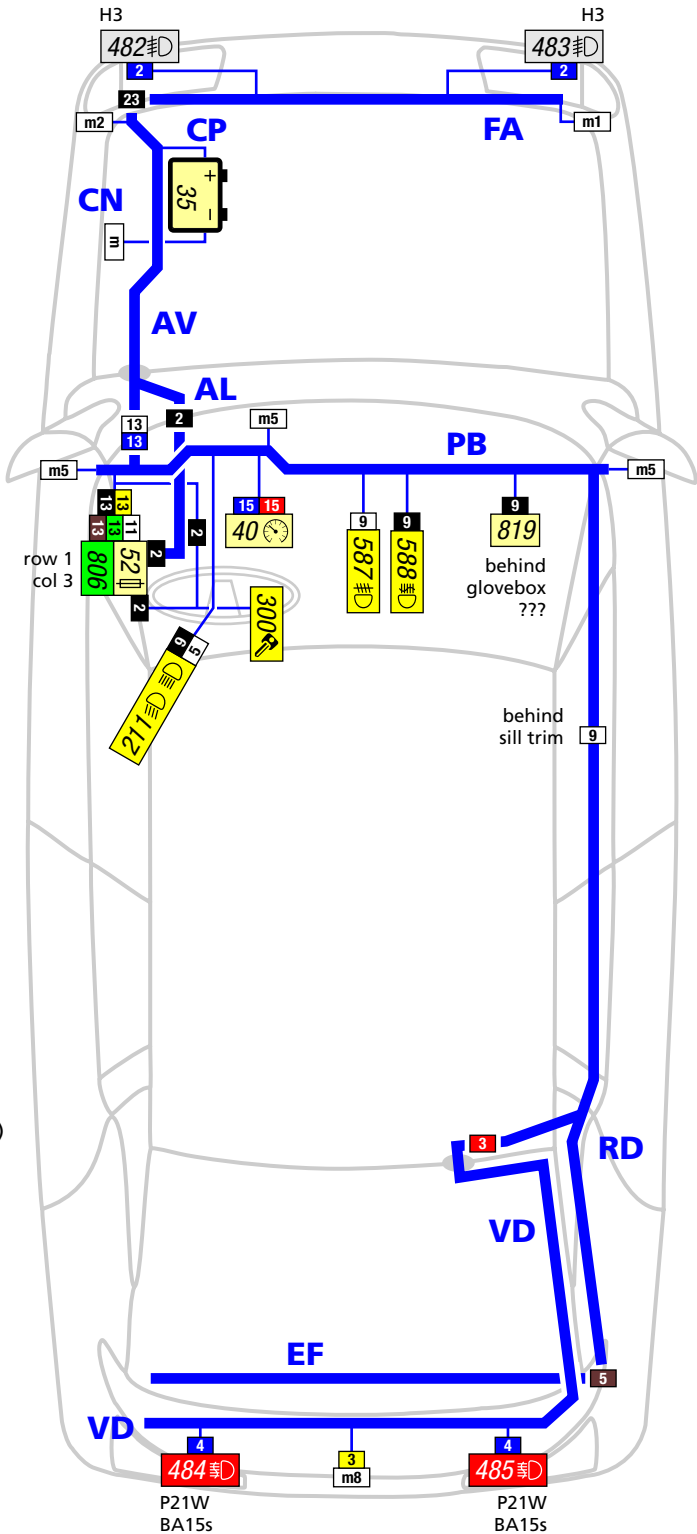


Modifications

- 6383 original version
- 6749 fuse box modified
- 7084 PB and AV modified
- 7329 PB and VD modified
- 7483 BV modified



Foglights

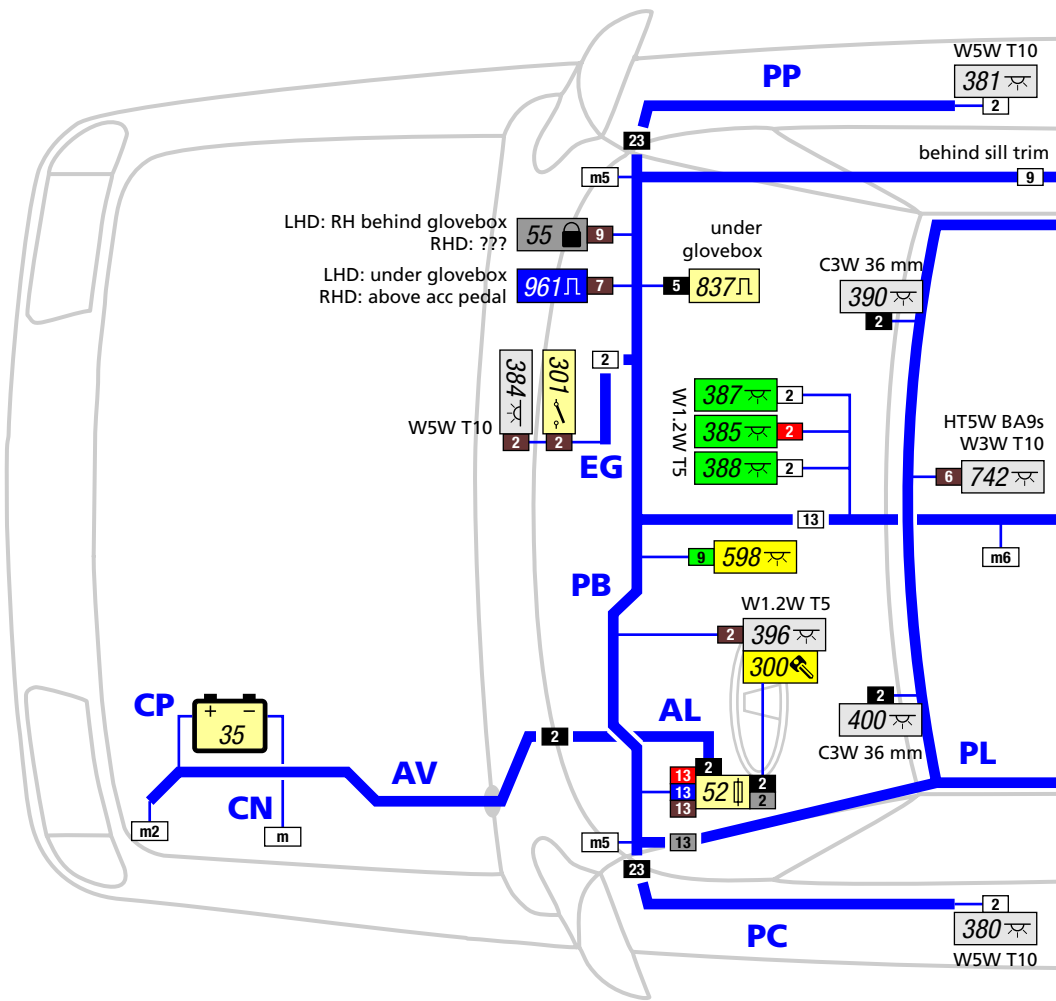


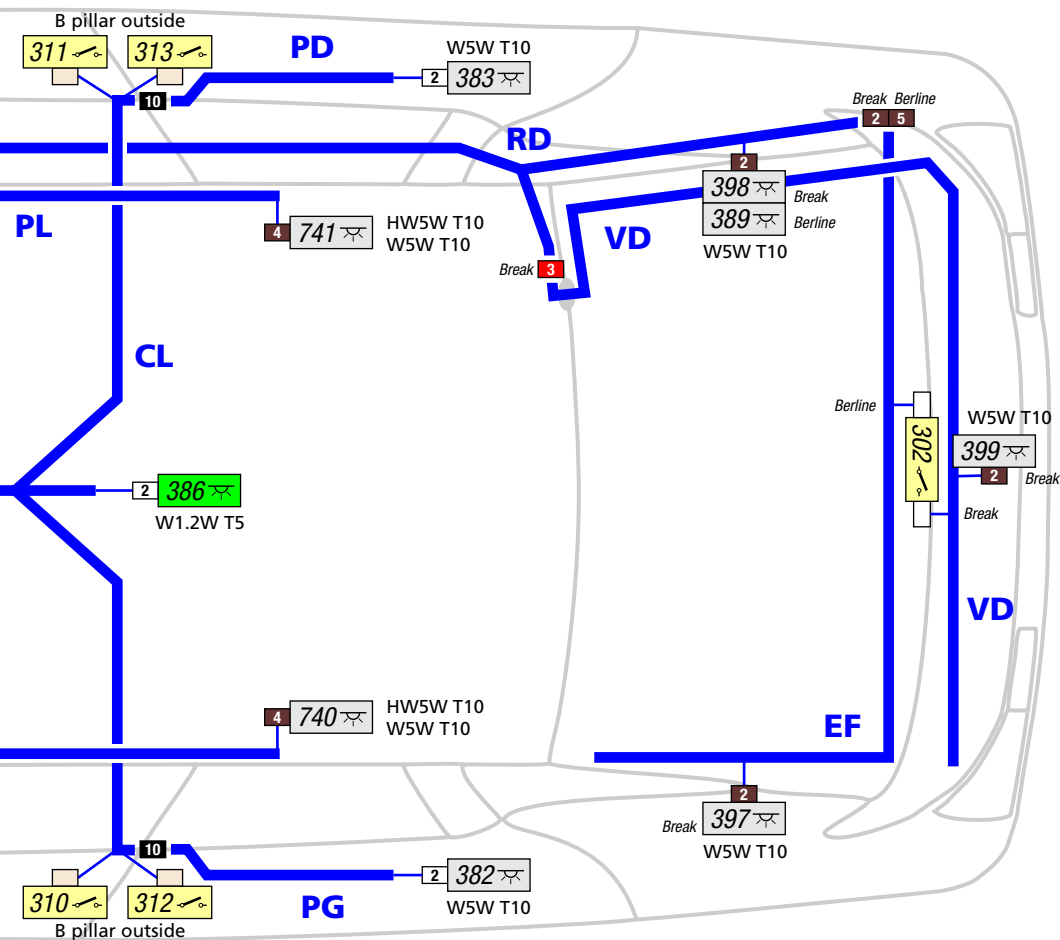
Modifications

- 6383 original version
- 7084 relay added to PB
- 7329 PB and VD modified
- 7483 relay changed (9BL to 9N)



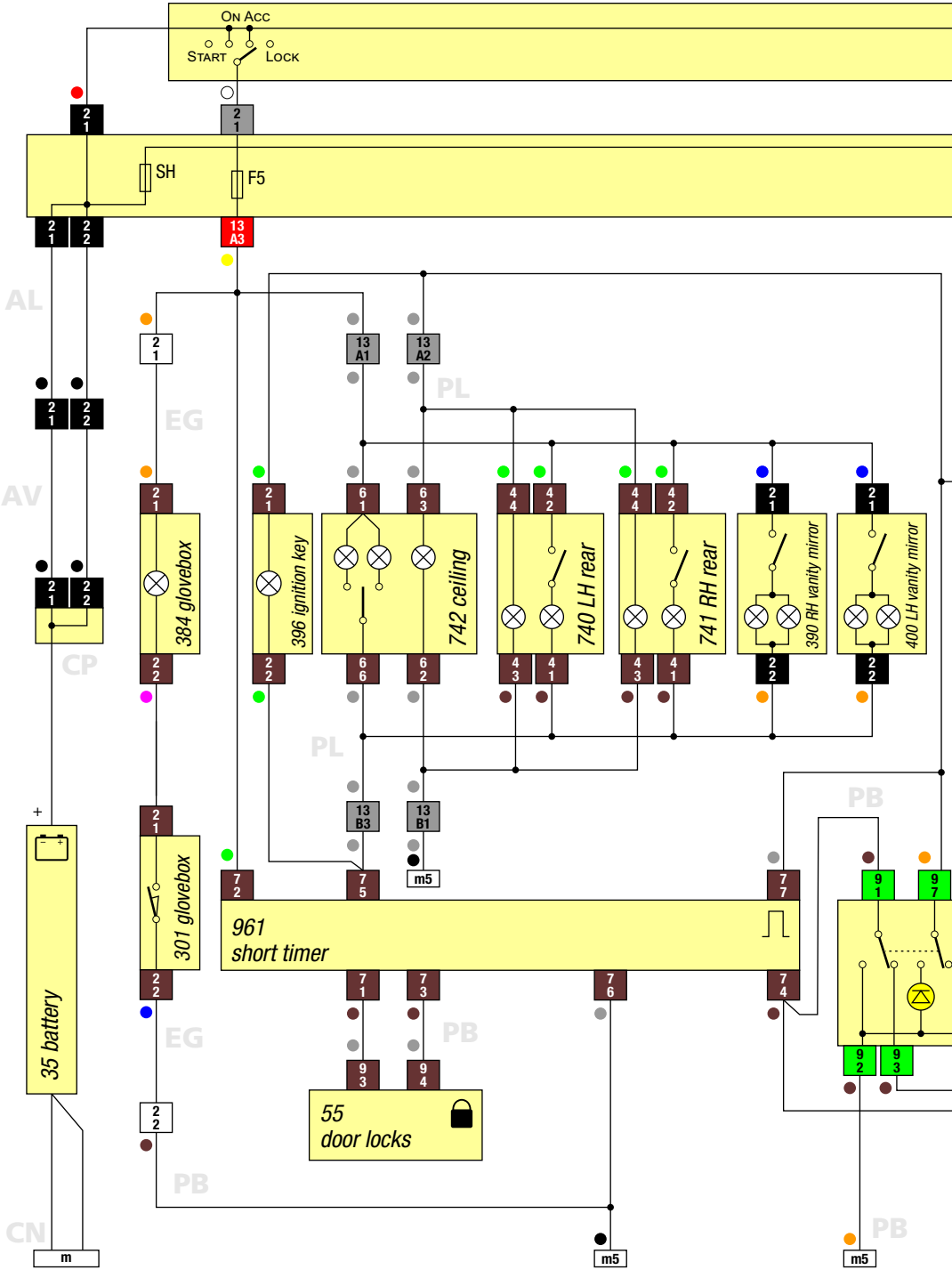
Interior lights

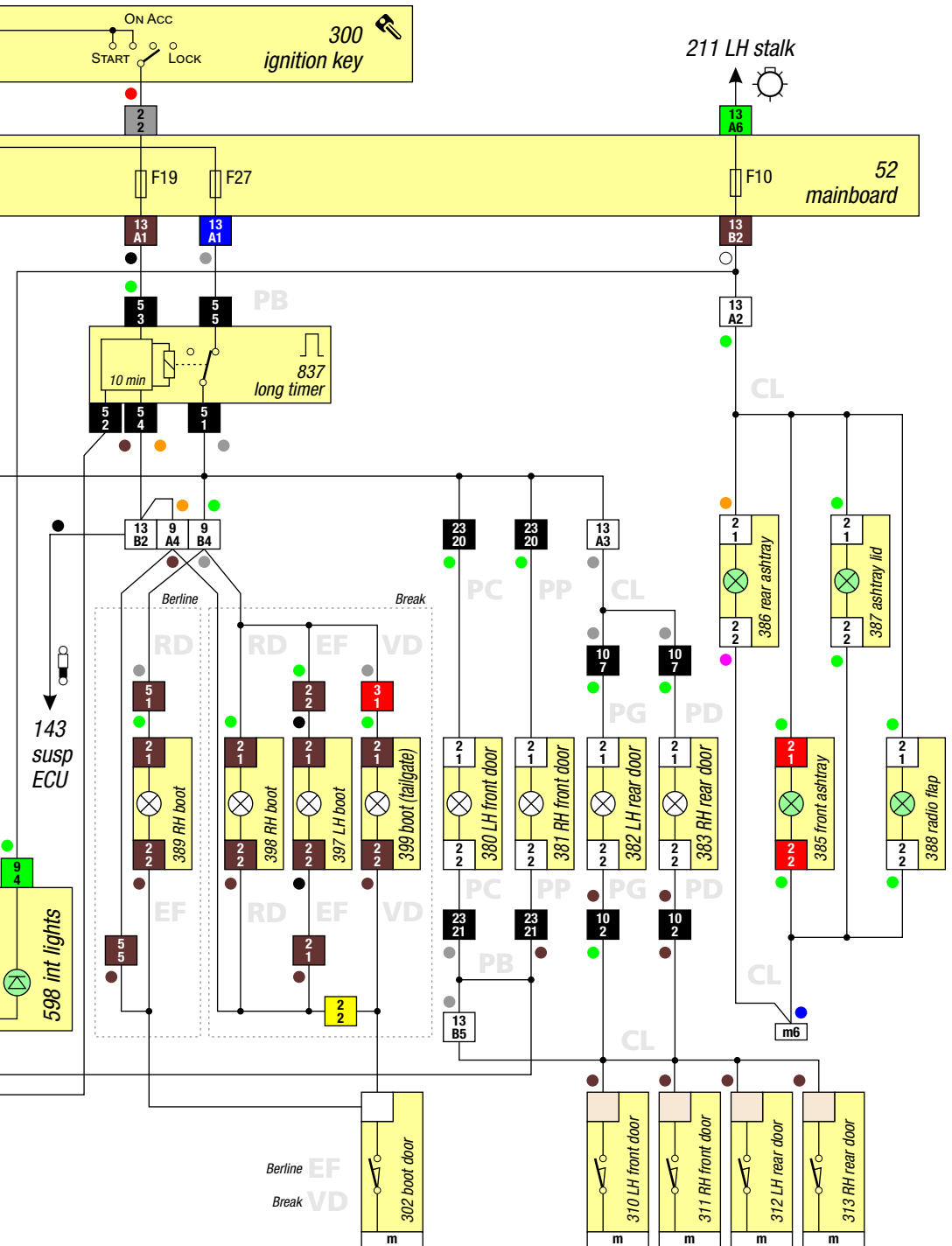




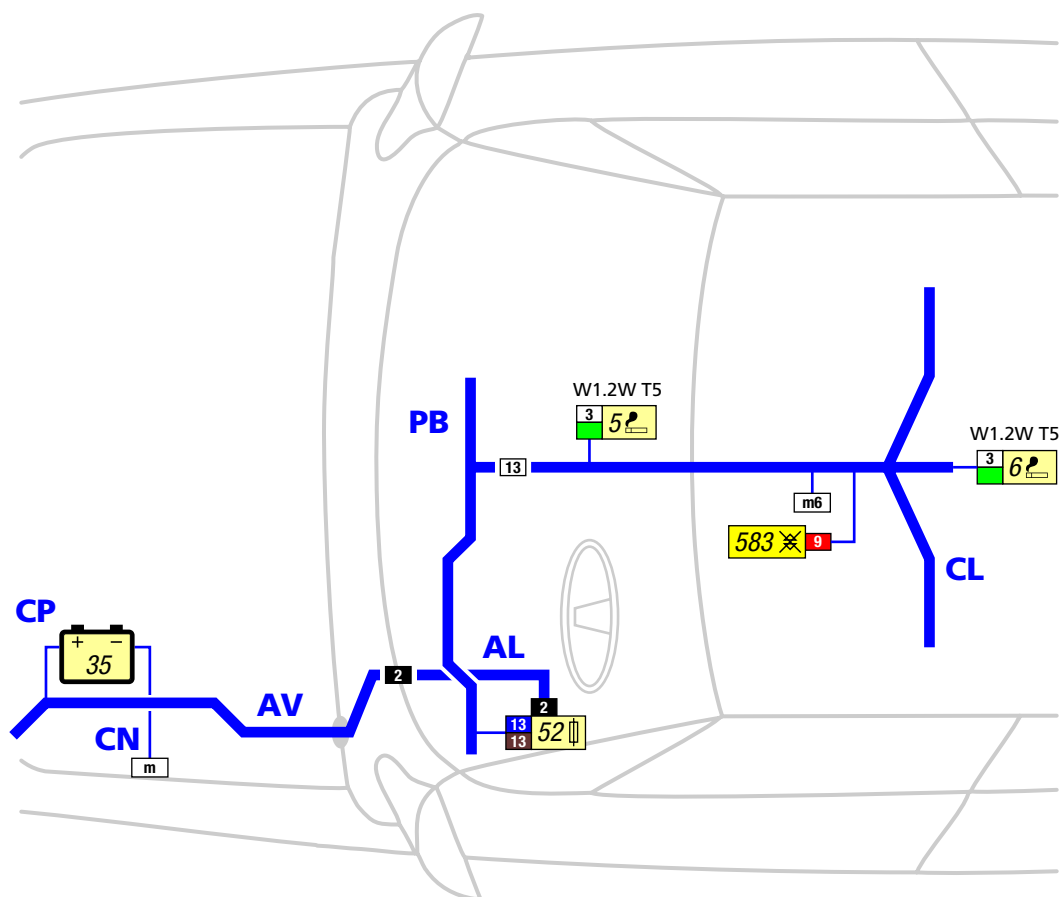
Modifications

6383	original version
6568	sun visor, timed anti theft
6811	fuse box, door courtesy





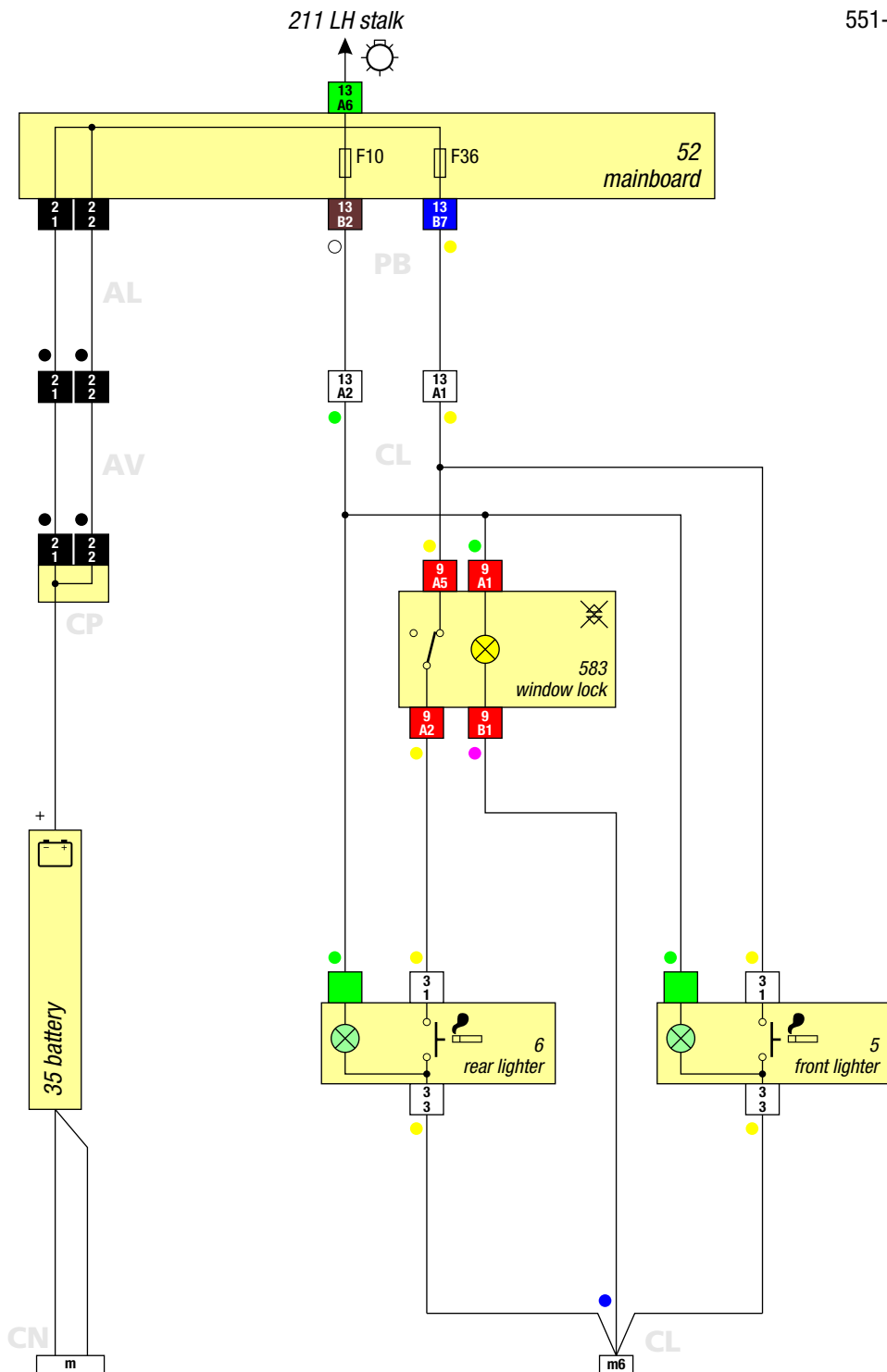
Cigar lighter



Modifications

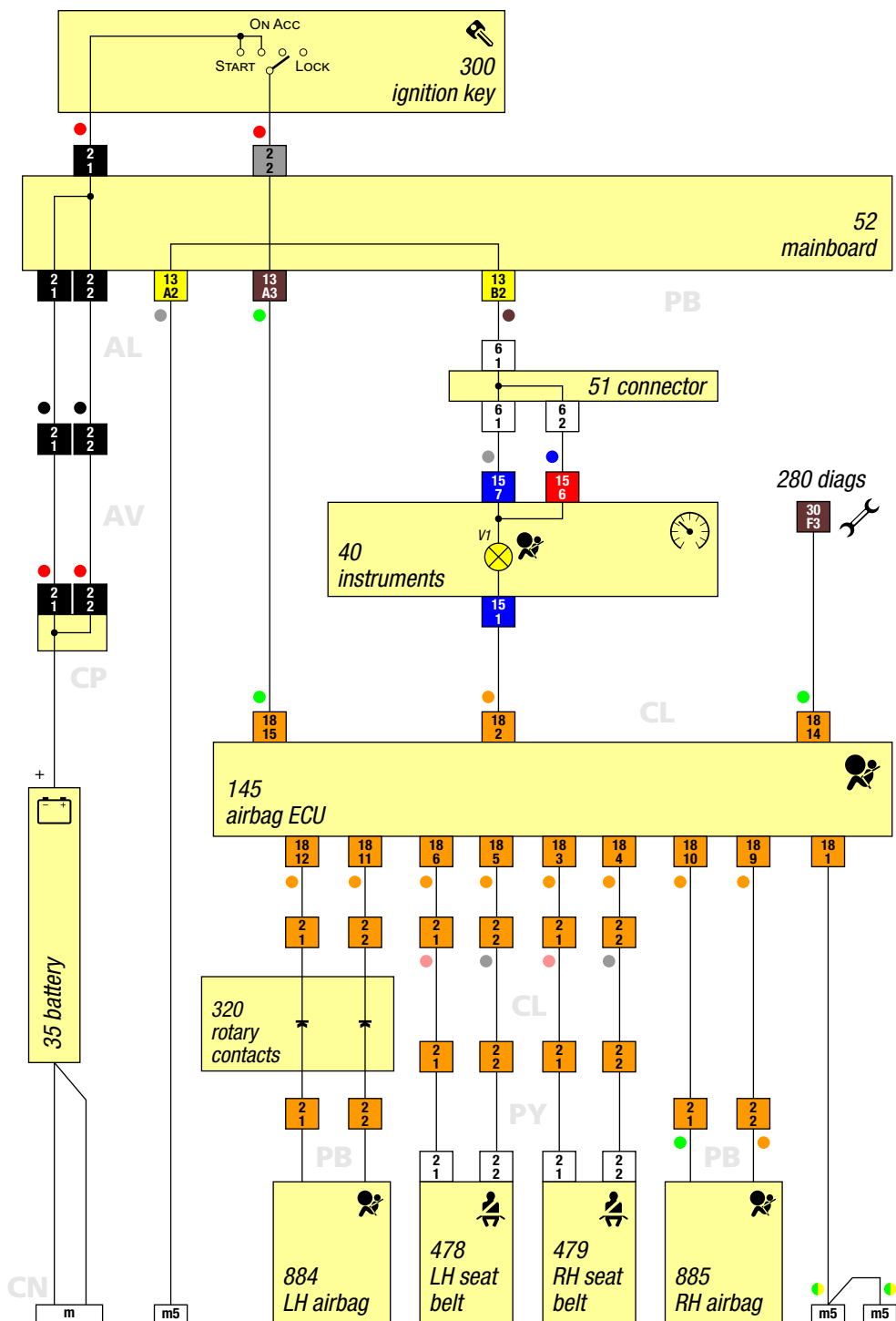
- | | |
|------|--------------------|
| 6383 | original version |
| 7084 | PB and CL modified |
| 7329 | PB and CL modified |

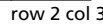
211 LH stalk

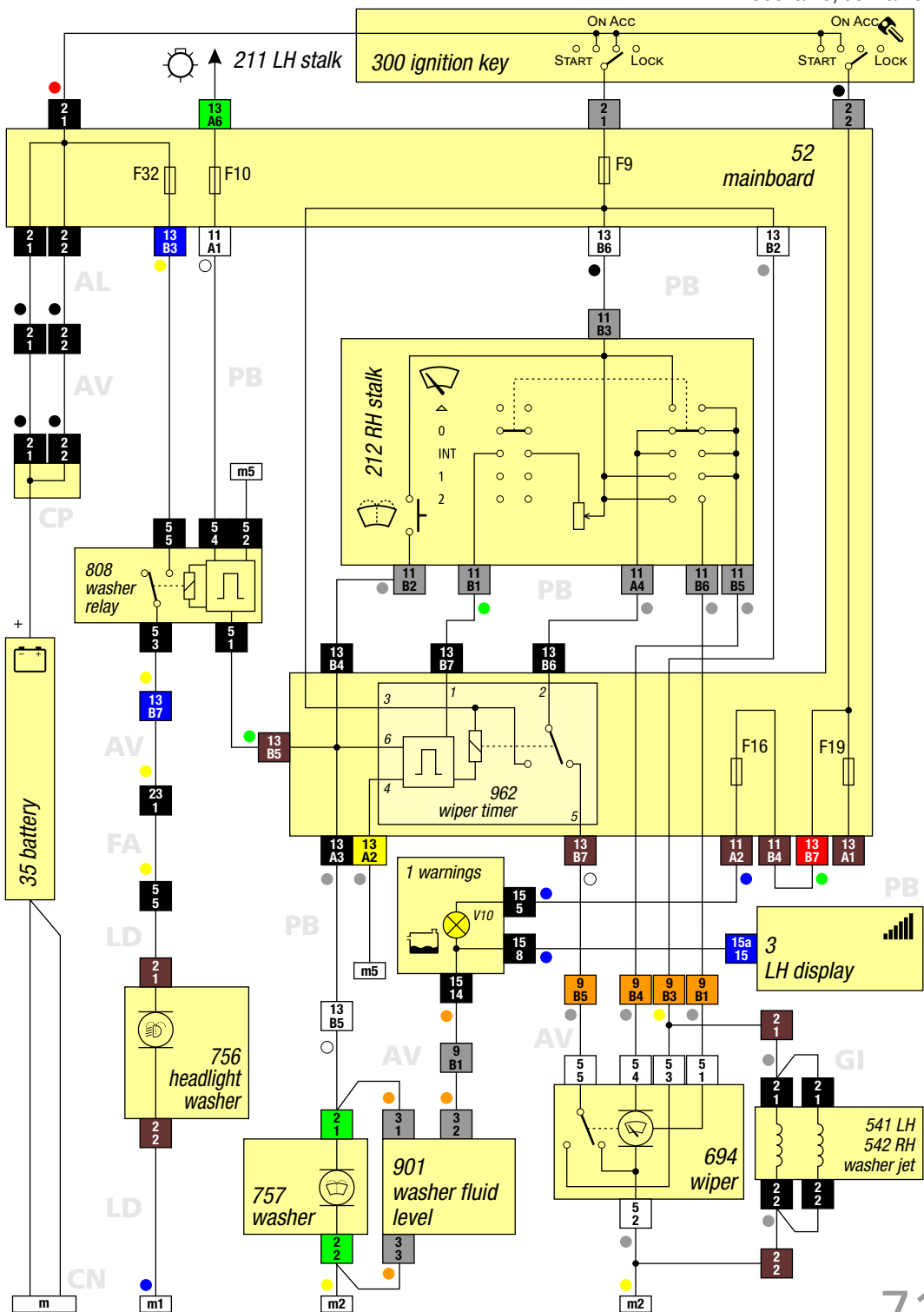


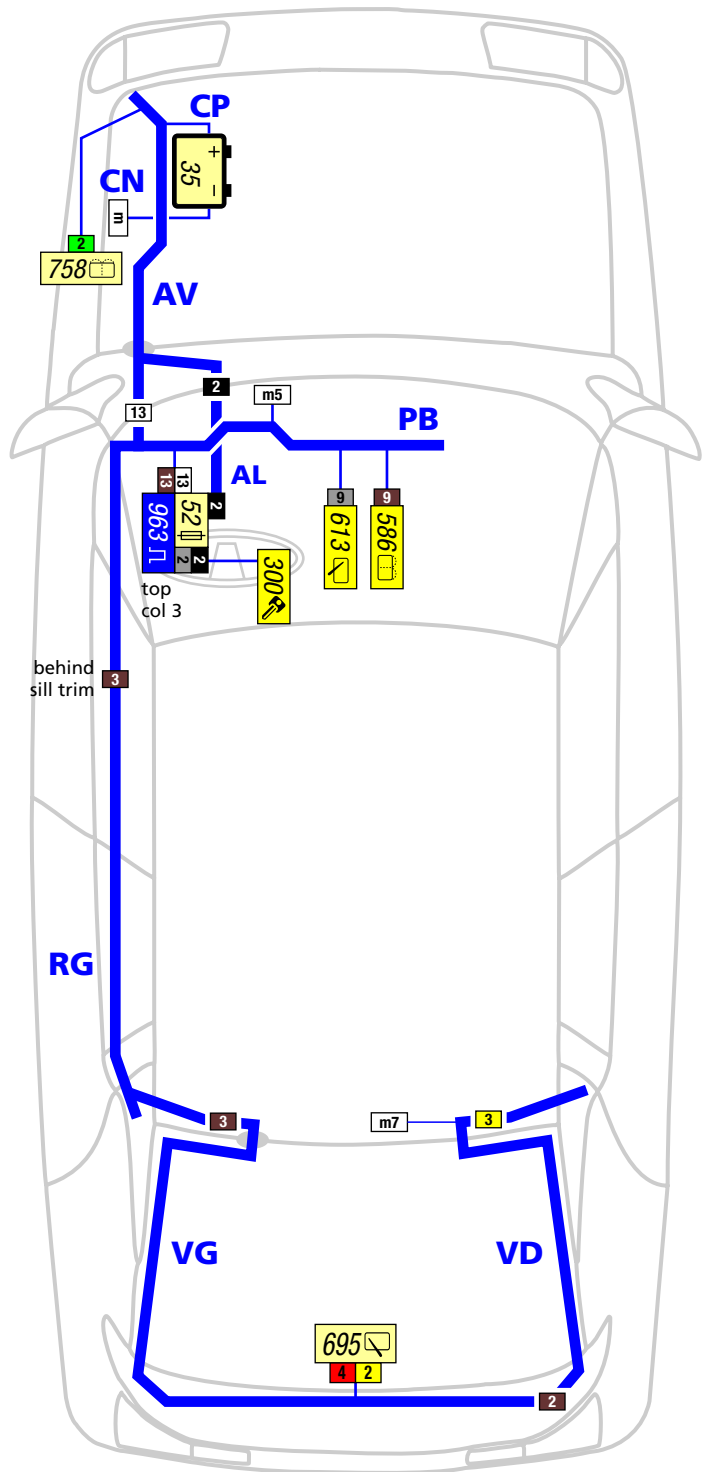


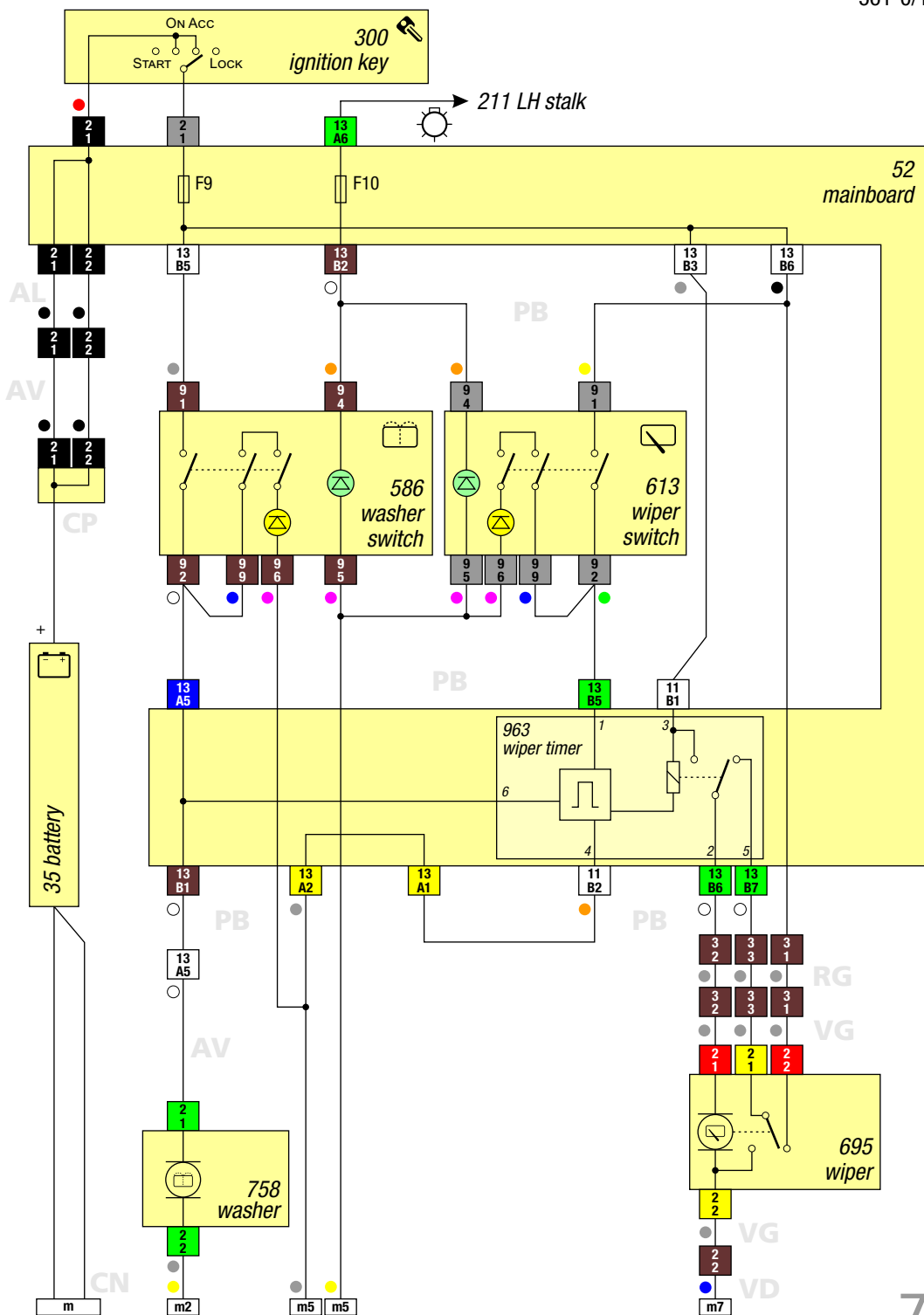
6947	introduced
7084	PB modified
7329	PB and CL modified
7483	instrument cluster modified
7847	PB modified





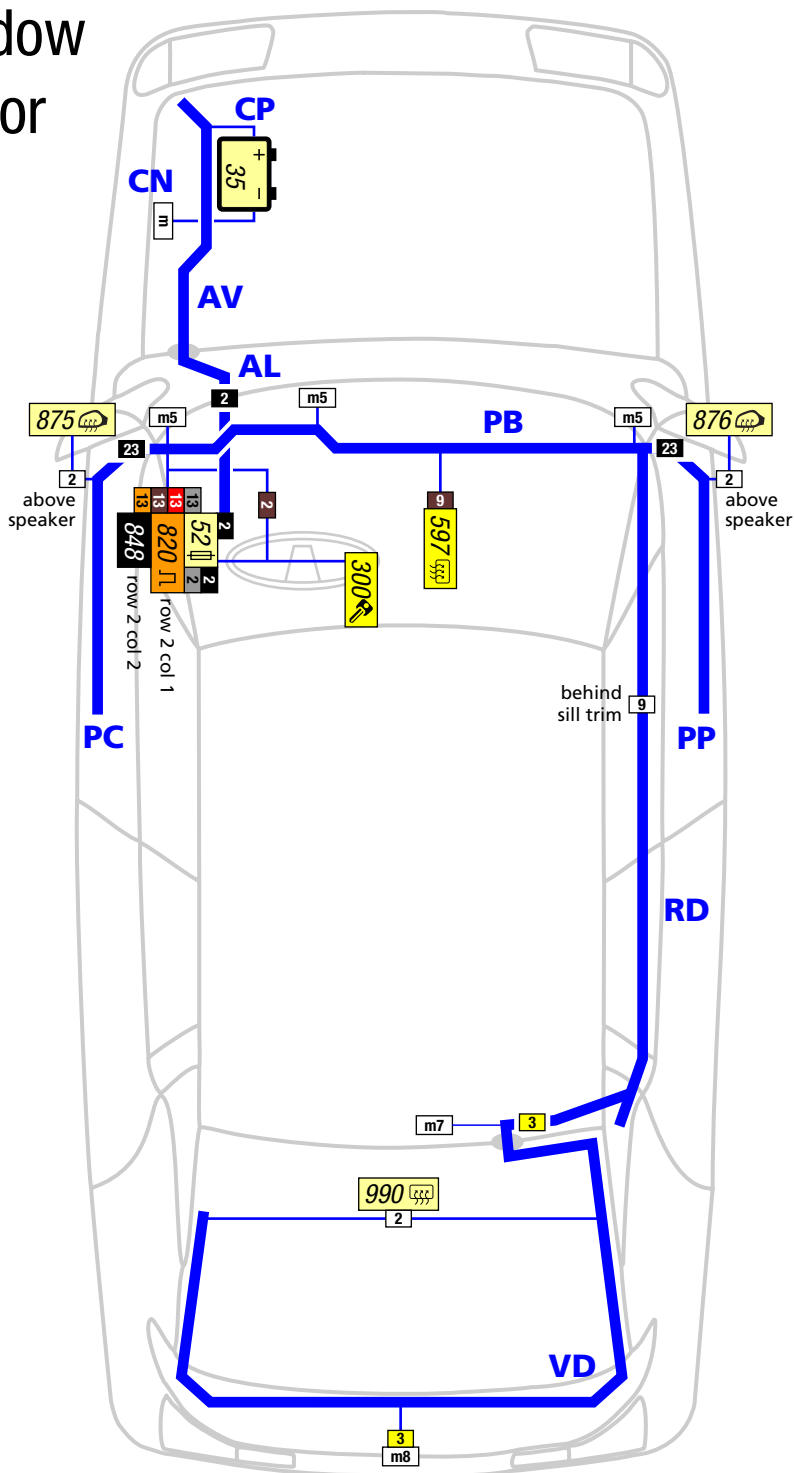






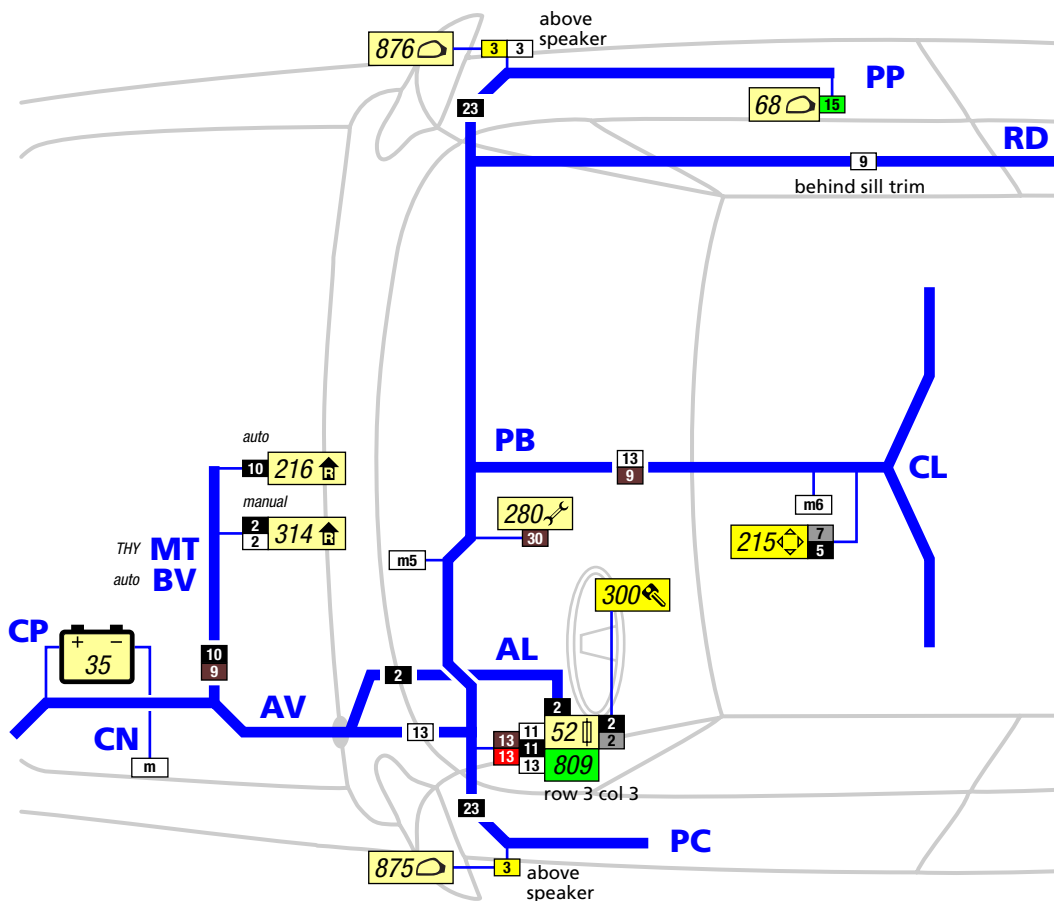
Heated window

Heated mirror



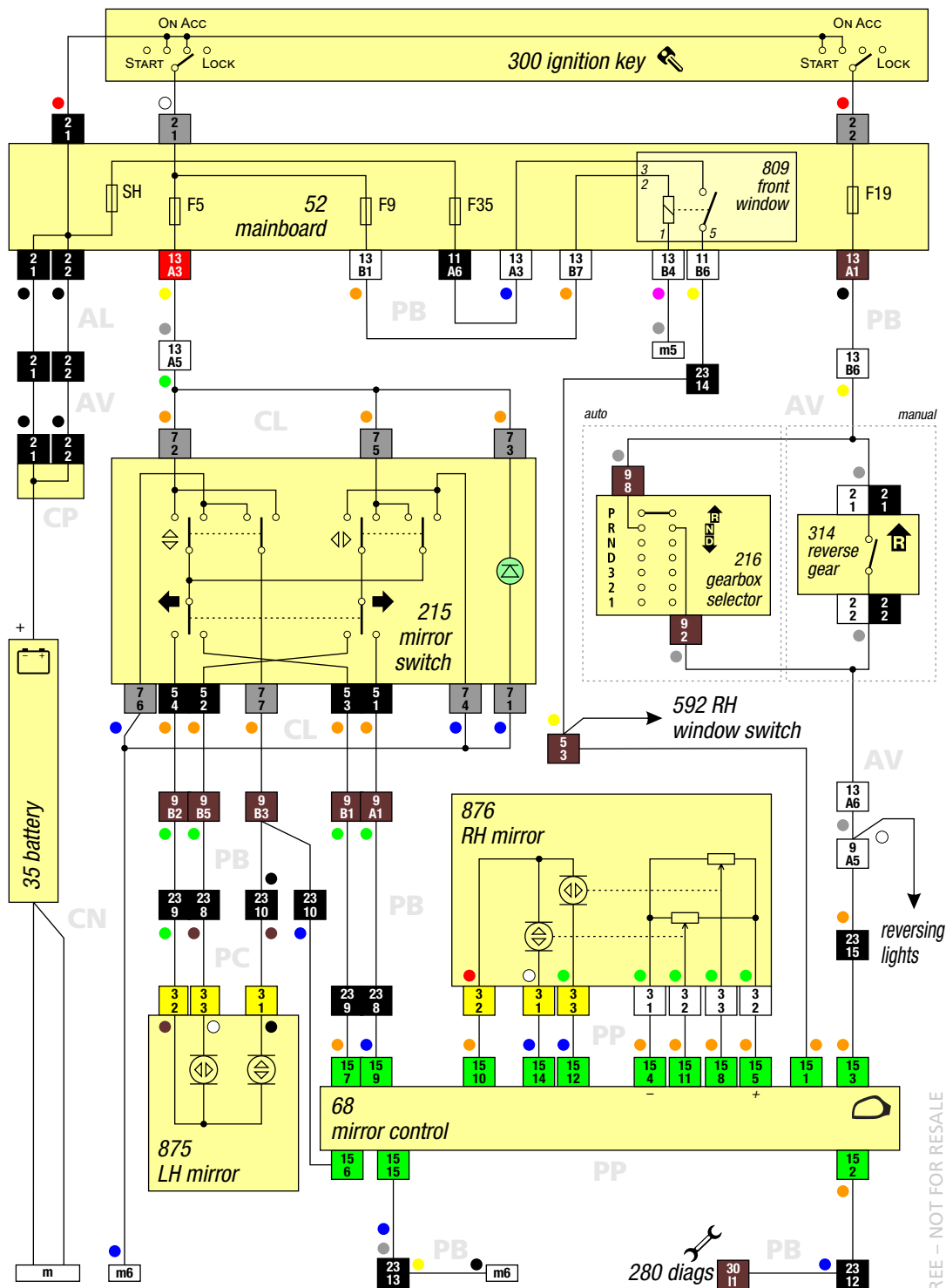


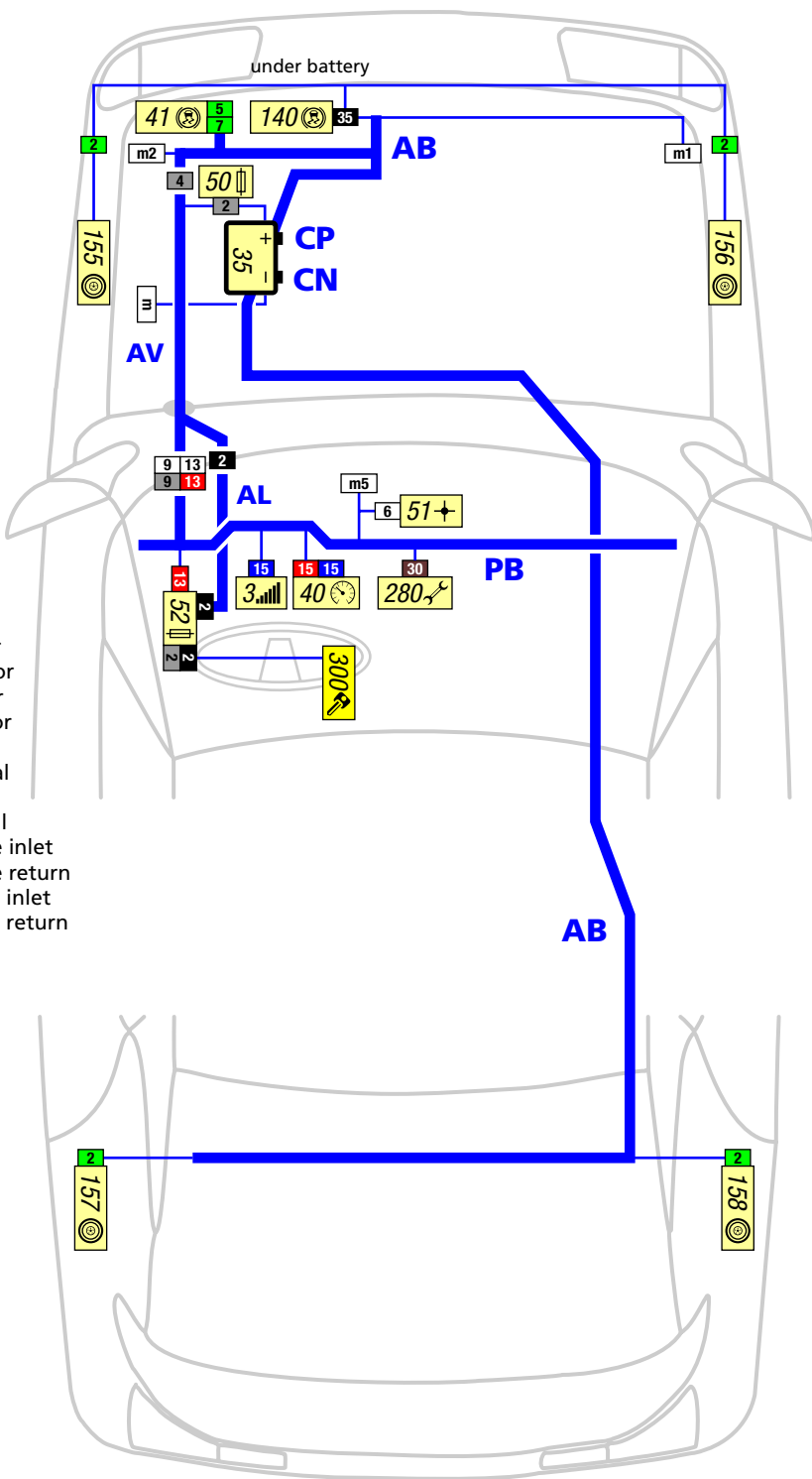
Mirrors



Modifications

6383 original version
6749 fuse box modified



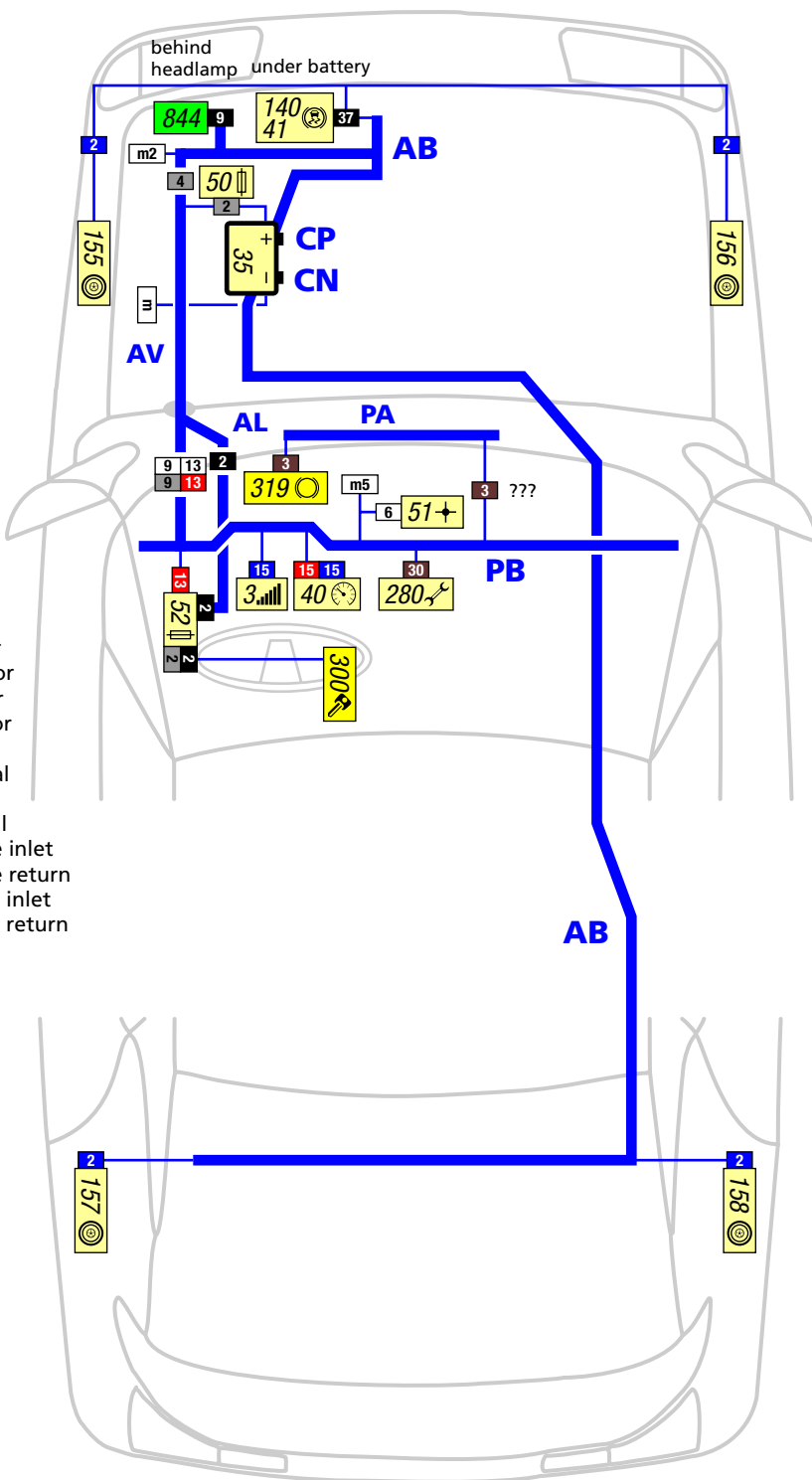


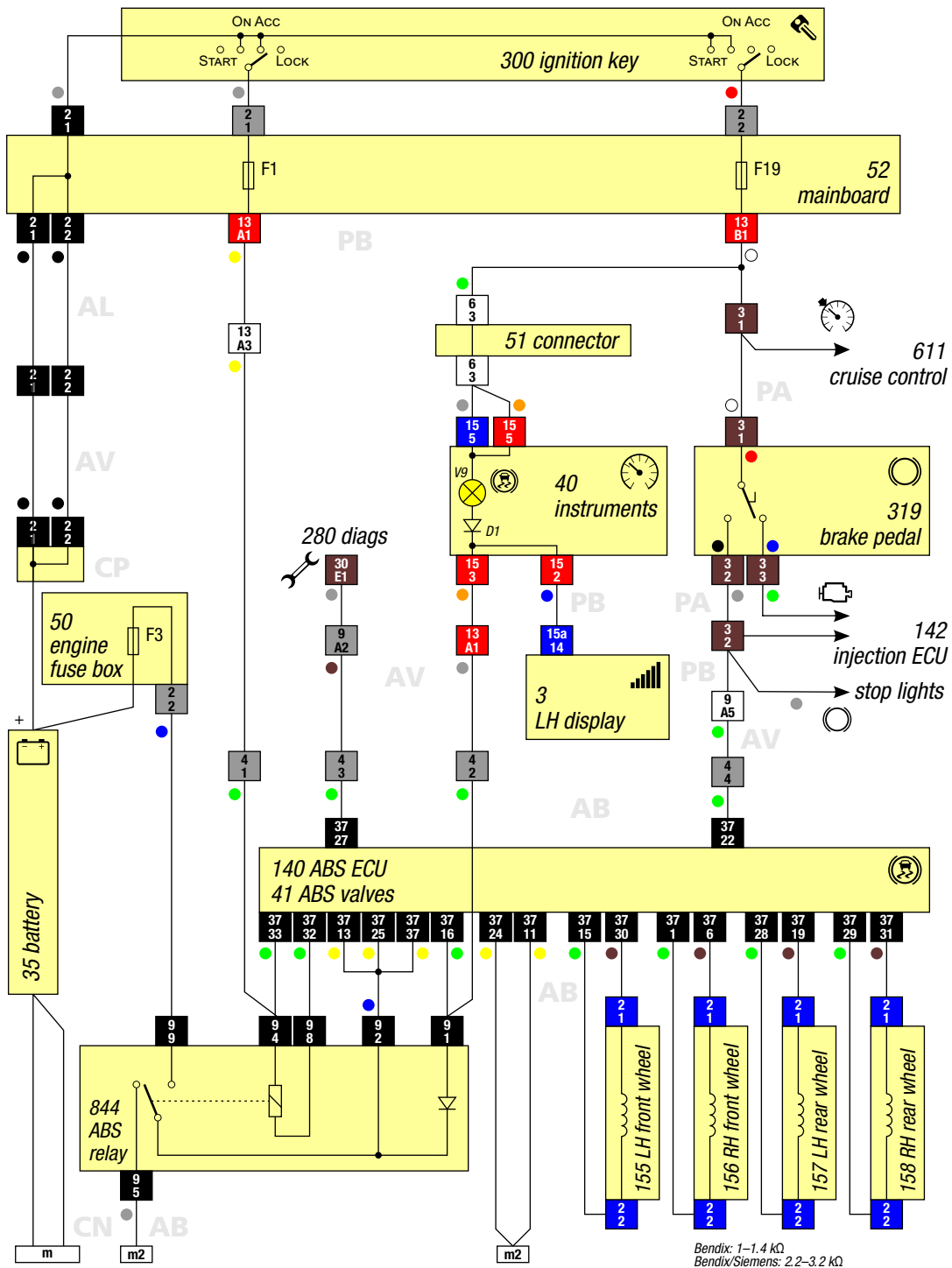
Error codes

- 11 end test
12 start test
13 valves supply
15 relay
21 relay
22 relay
24 LH rear sensor
25 RH front sensor
31 RH rear sensor
32 LH front sensor
33 LH rear signal
34 RH front signal
35 RH rear signal
41 LH front signal
42 RH front valve inlet
43 RH front valve return
44 LH front valve inlet
45 LH front valve return
51 Rear valve
55 Error in ECU

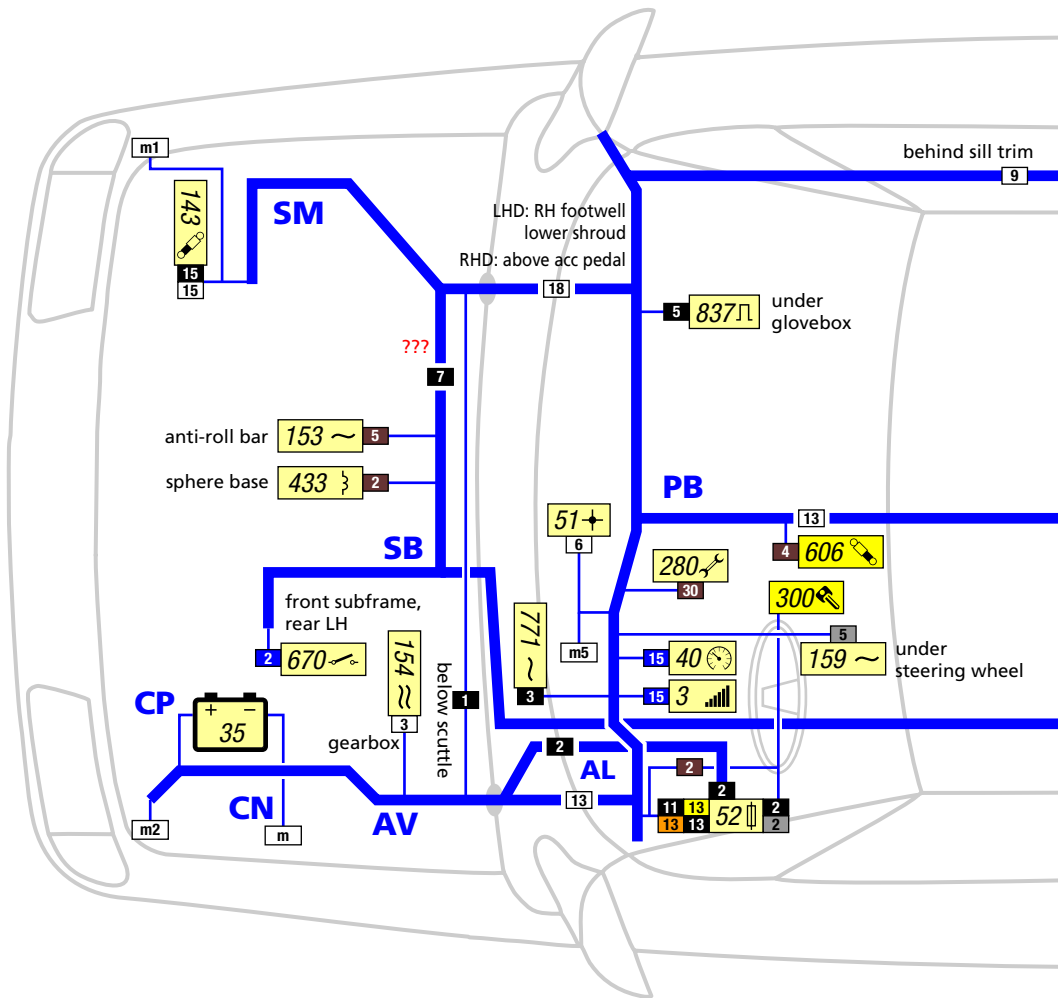


ABS Bendix





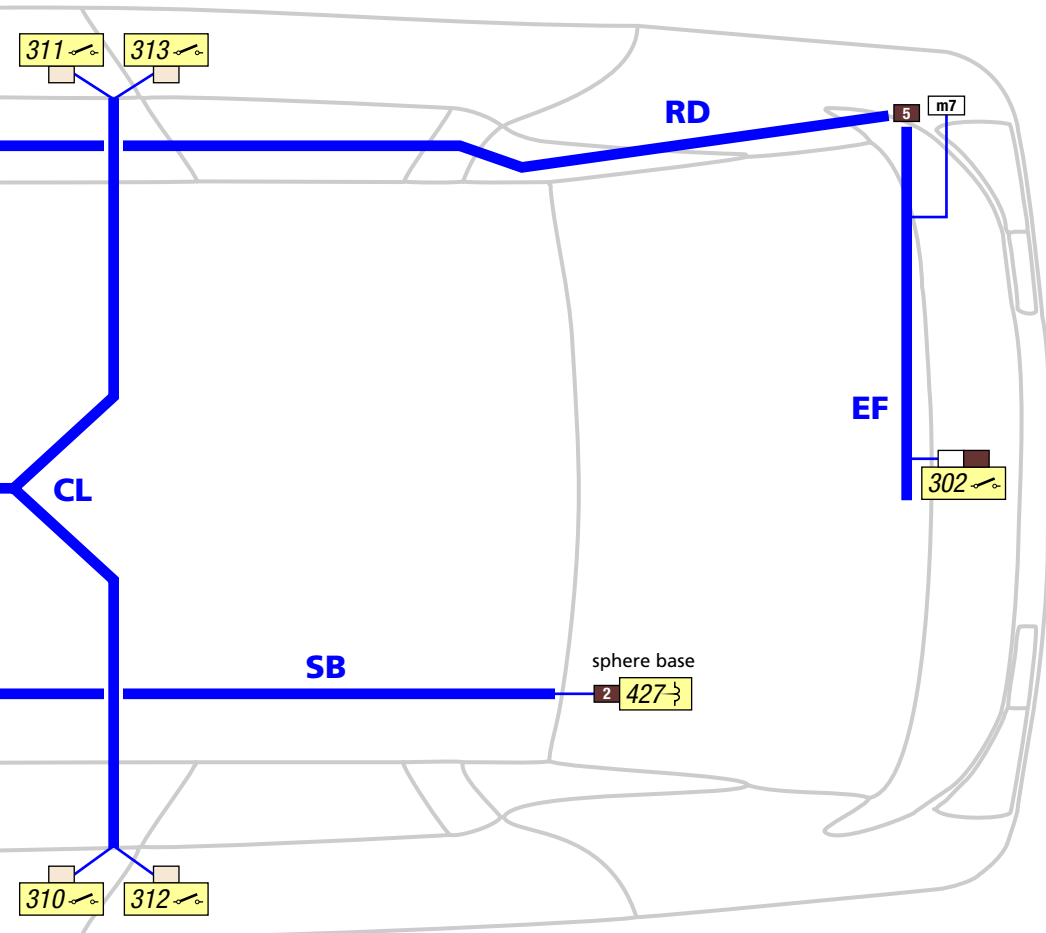
Suspension



Suspension behavior

- Doors/tailgate open (max 10 minutes)
- Doors stay open (after 10 minutes)
- Doors shut, ignition on
- Driving off
- First 30 seconds or below 24 km/h (15 mph)
- Driving (either Normal or Sport setting)
- Stopped, ignition off, doors opened
- Up to 30 seconds after doors closed
- Doors open for more than 10 minutes
- Car left for more than 10 minutes

soft
hard
soft
soft
soft
soft/hard
soft
soft
hard
hard



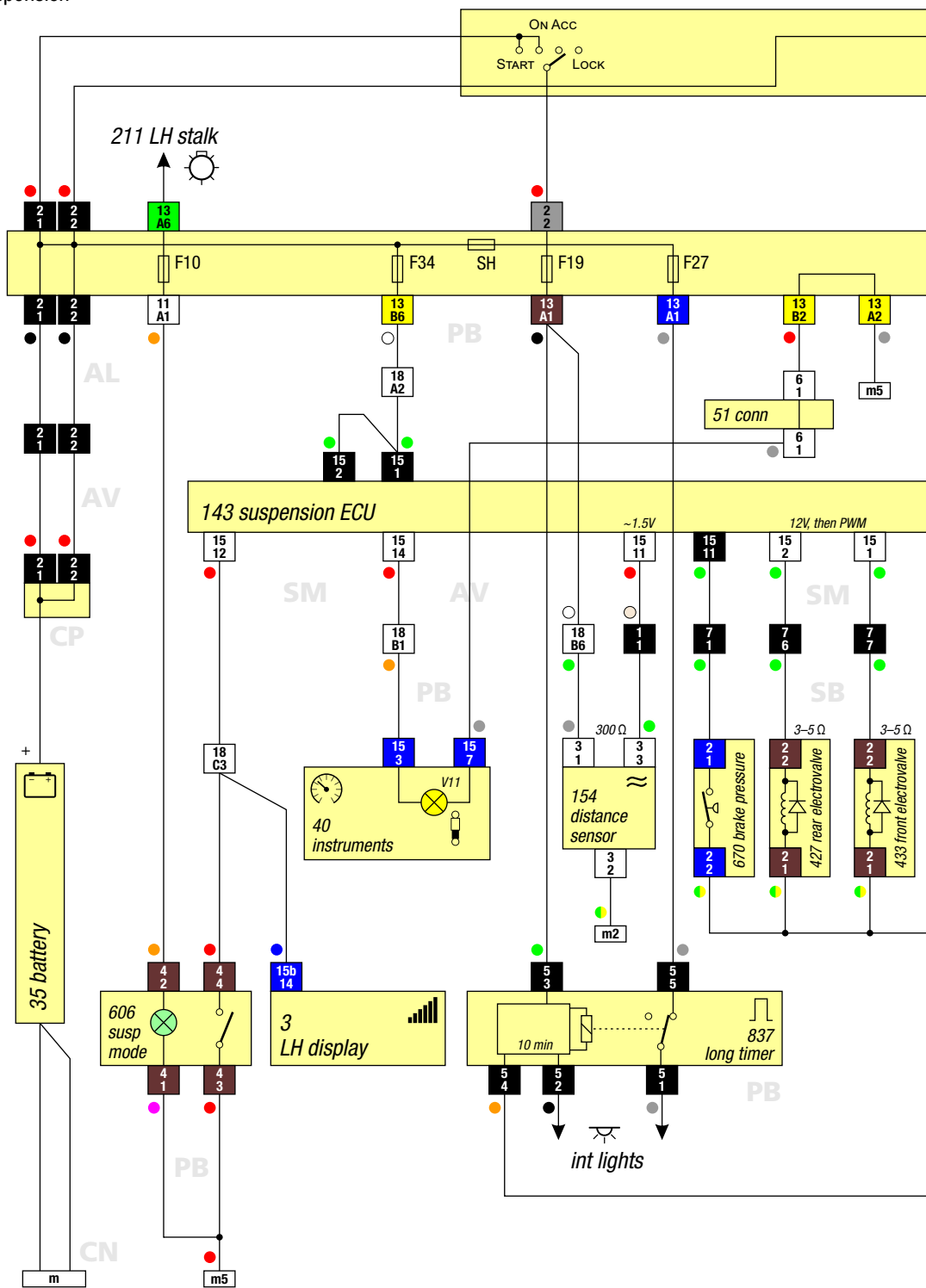
Error codes

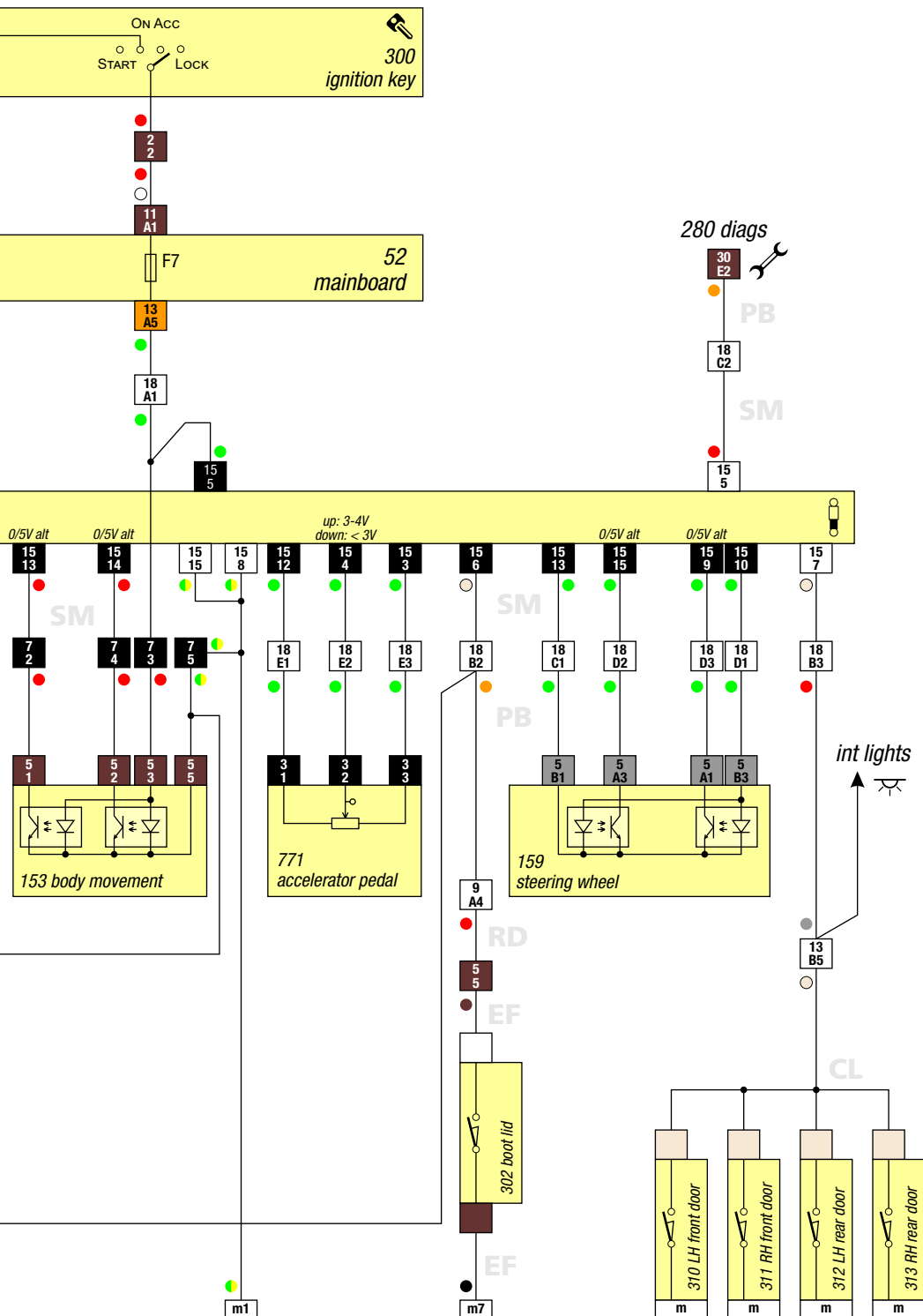
11	end test
12	start test
21	brake pressure switch
22	acc pedal position
23	steering wheel position
24	speed sensor
25	height sensor
31	front electrovalve
32	rear electrovalve
53	ECU power
54	ECU malfunction

Modifications

6383	original version
6749	fuse box modified
6947	SM modified
7084	AV and CL modified
7329	PB and CL modified
7483	PB, RD and VD modified
7847	SB modified

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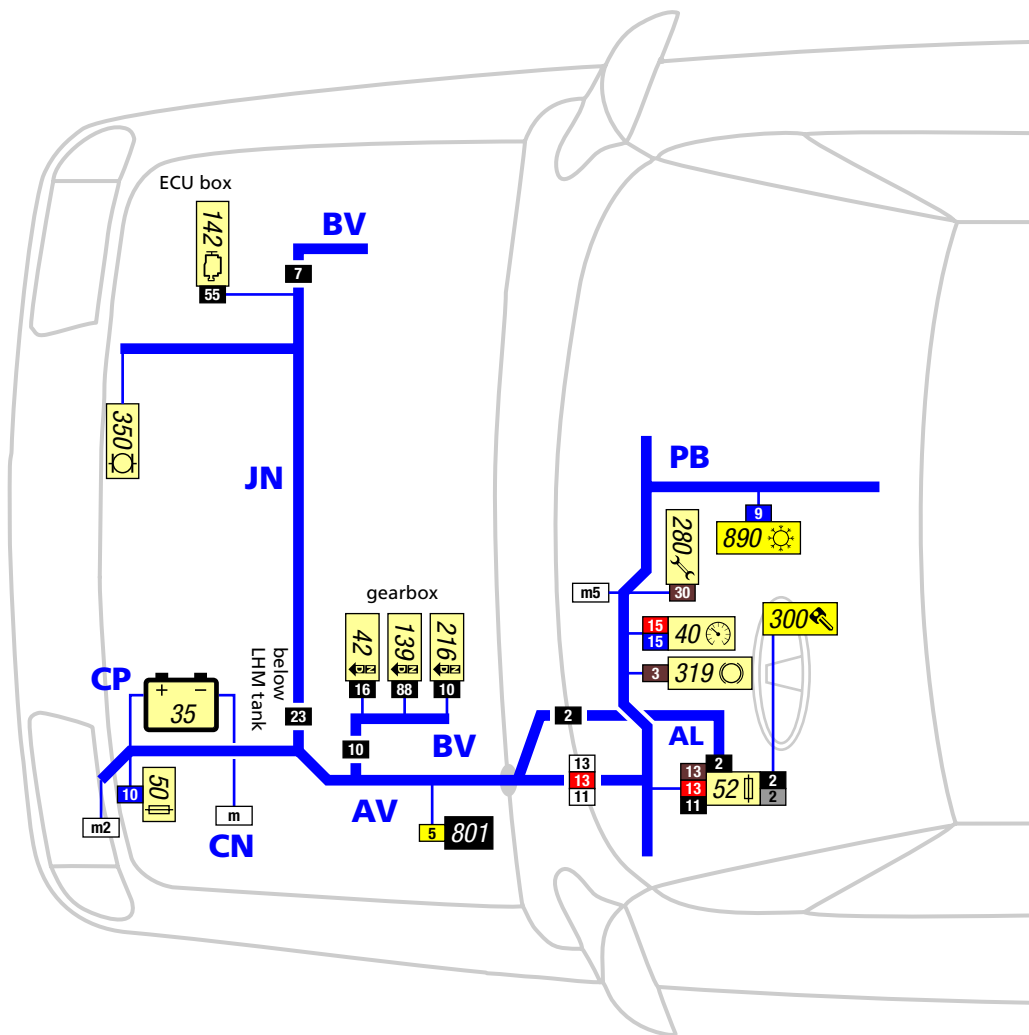




6383	original version
6749	fuse box modified
7084	AV modified
7329	PB modified

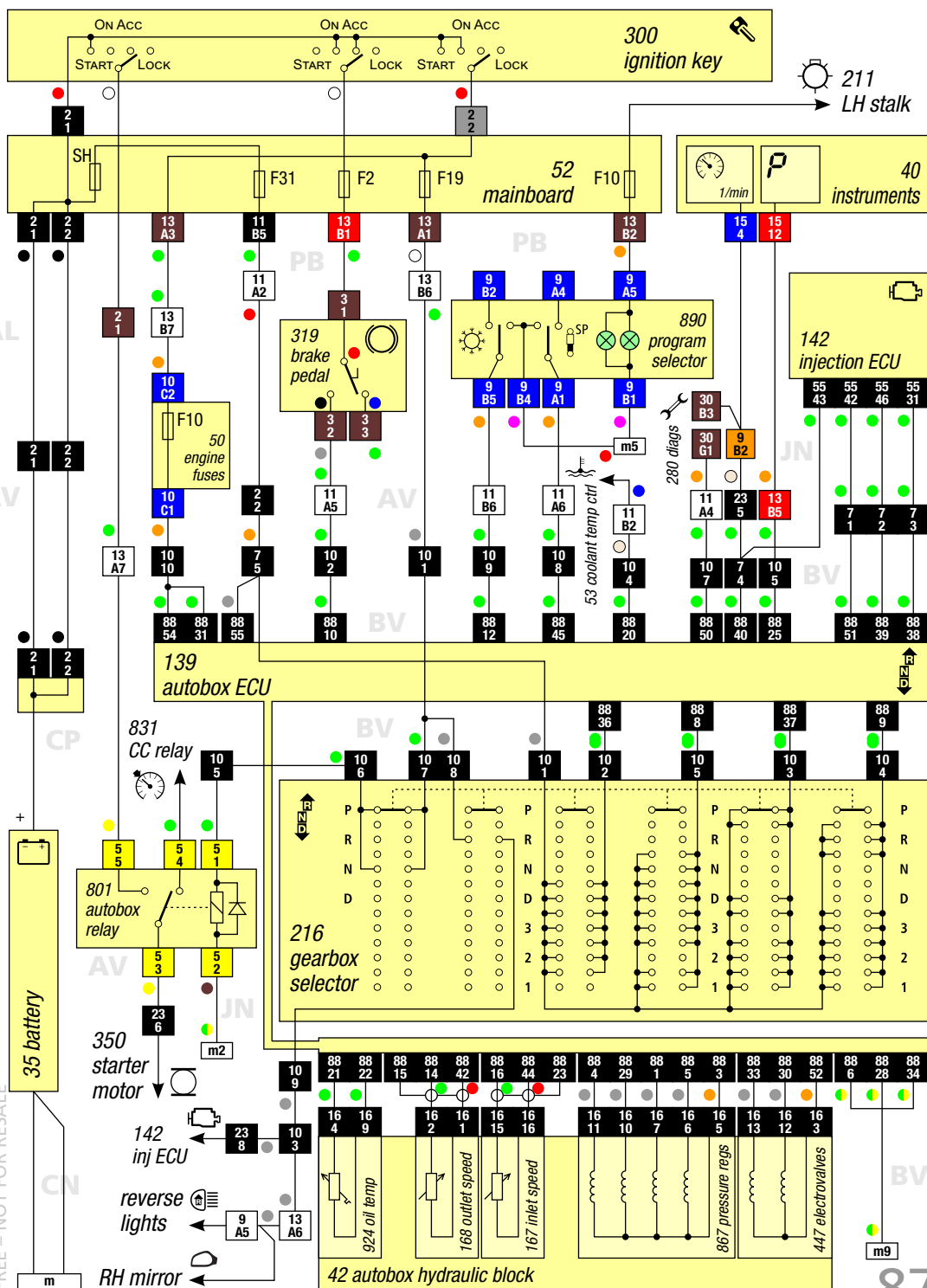


Automatic gearbox petrol V6 (XFZ ES9J4)

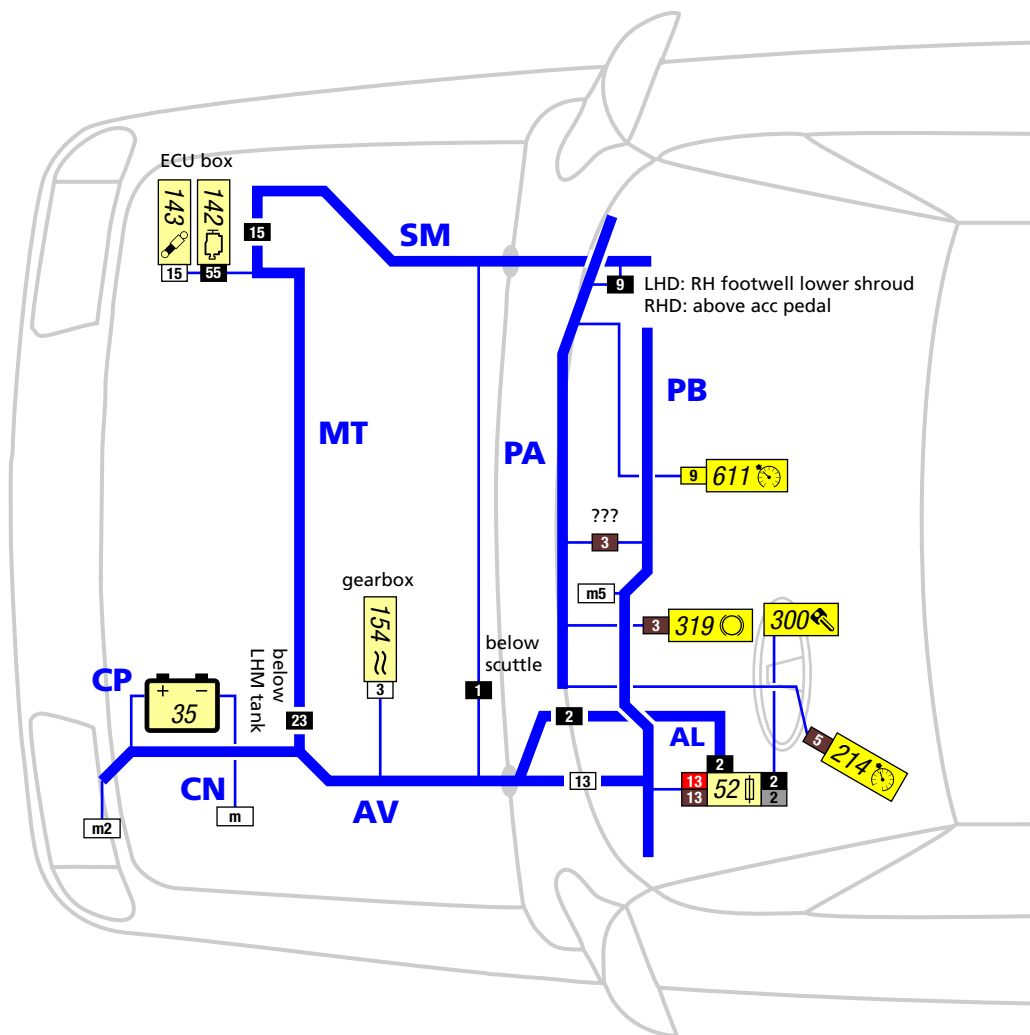


Modifications

- 6383 original version
- 6749 fuse box modified
- 7084 AV modified
- 7329 PB modified

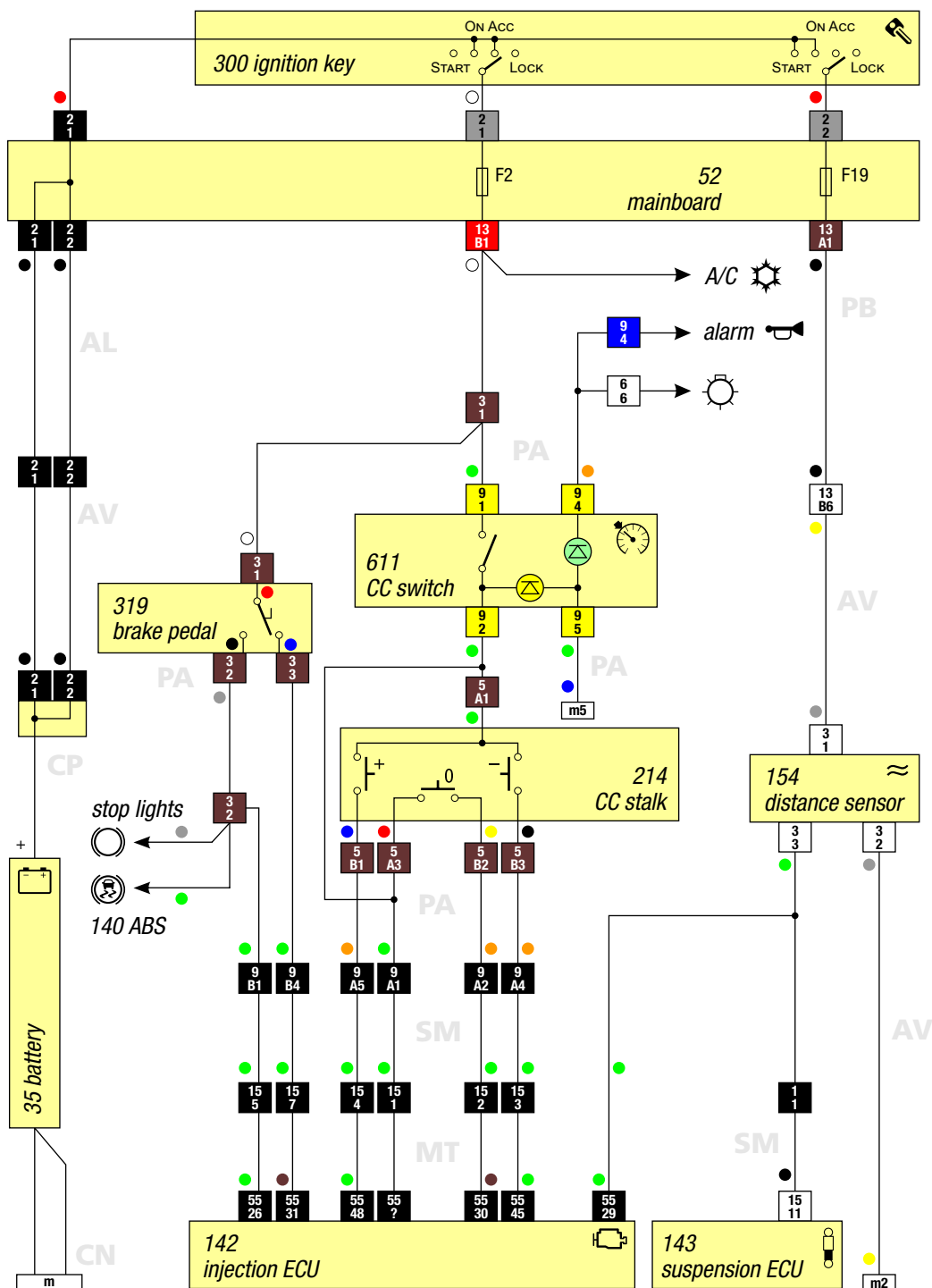


Cruise control 2.5 turbo diesel (THY DK5ATE)

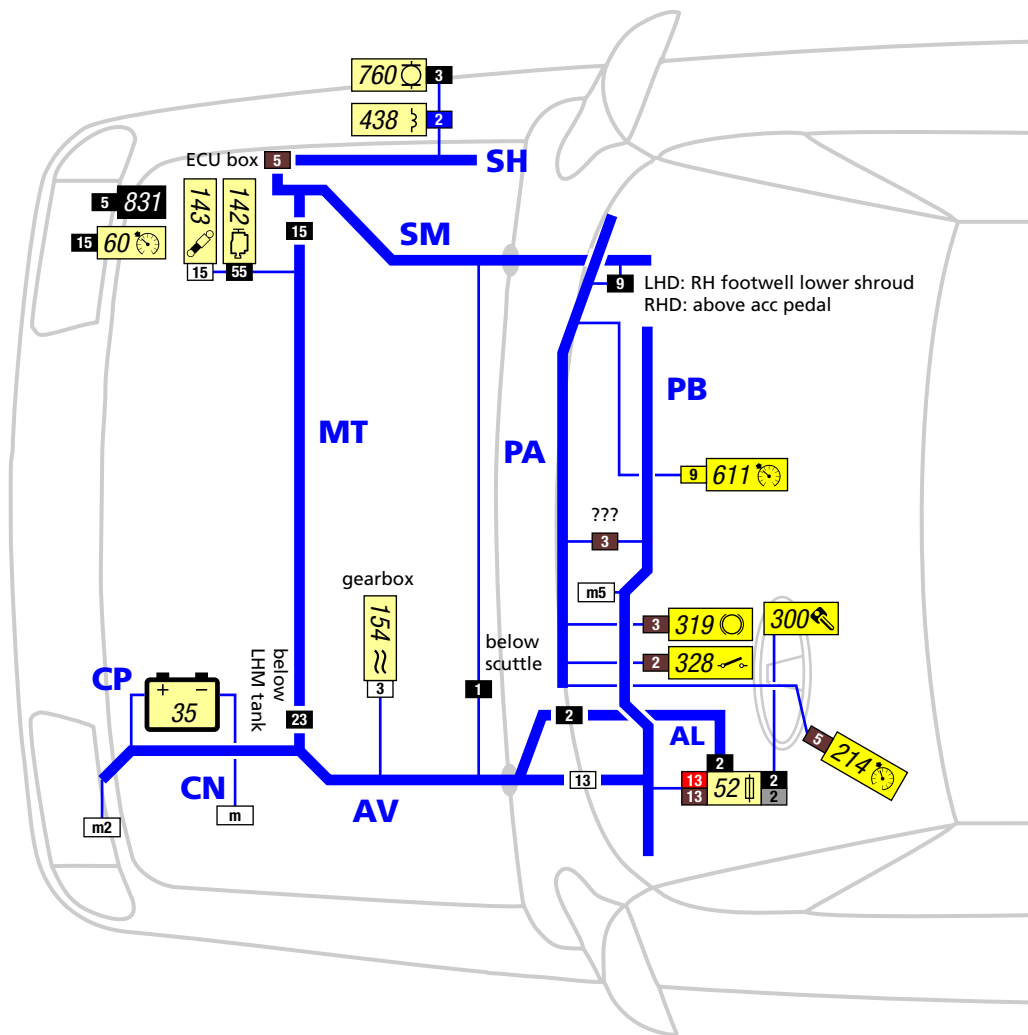


Modifications

- | | |
|------|-------------------------|
| 6383 | original version |
| 6749 | fuse box modified |
| 6947 | SM and PA modified |
| 7084 | AV and PA modified |
| 7329 | PB modified |
| 7483 | PB modified, PA deleted |



Cruise control other engines

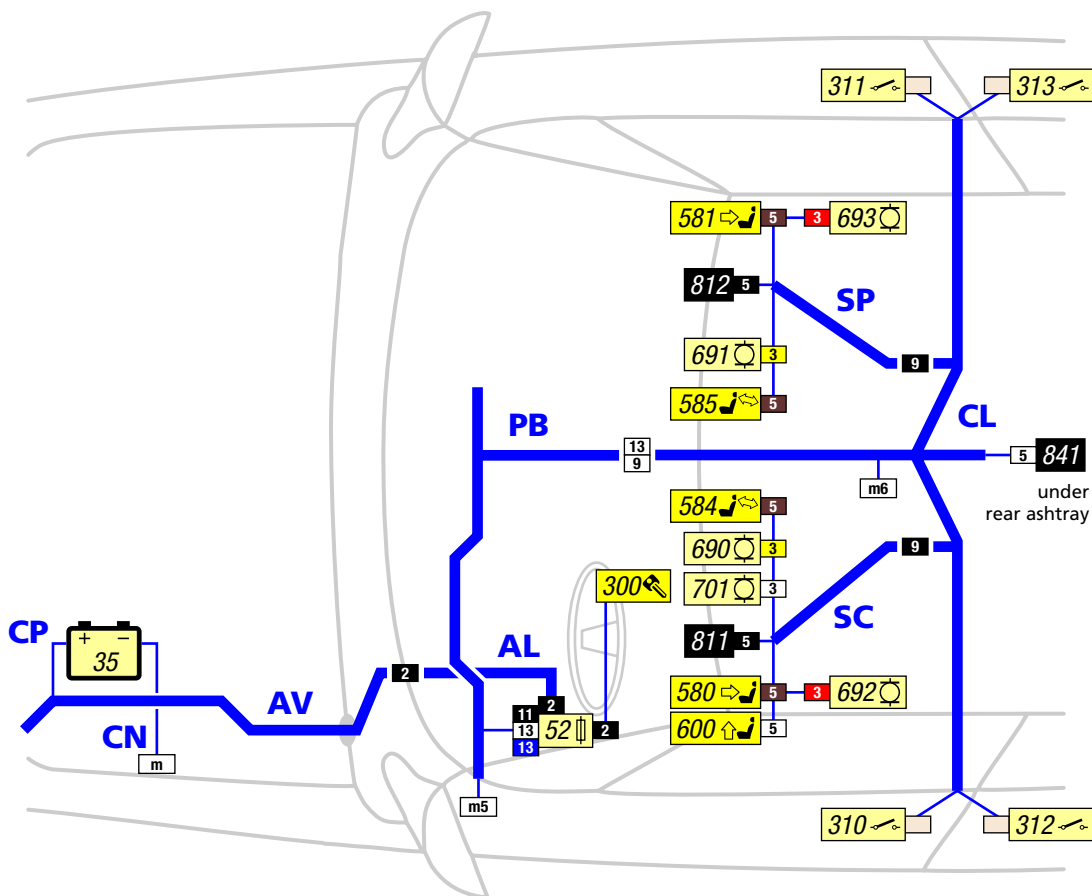


Modifications

- 6383 original version
- 6749 fuse box modified
- 6947 SM and PA modified
- 7048 AV and PA modified
- 7329 PB modified
- 7483 PB modified, PA deleted

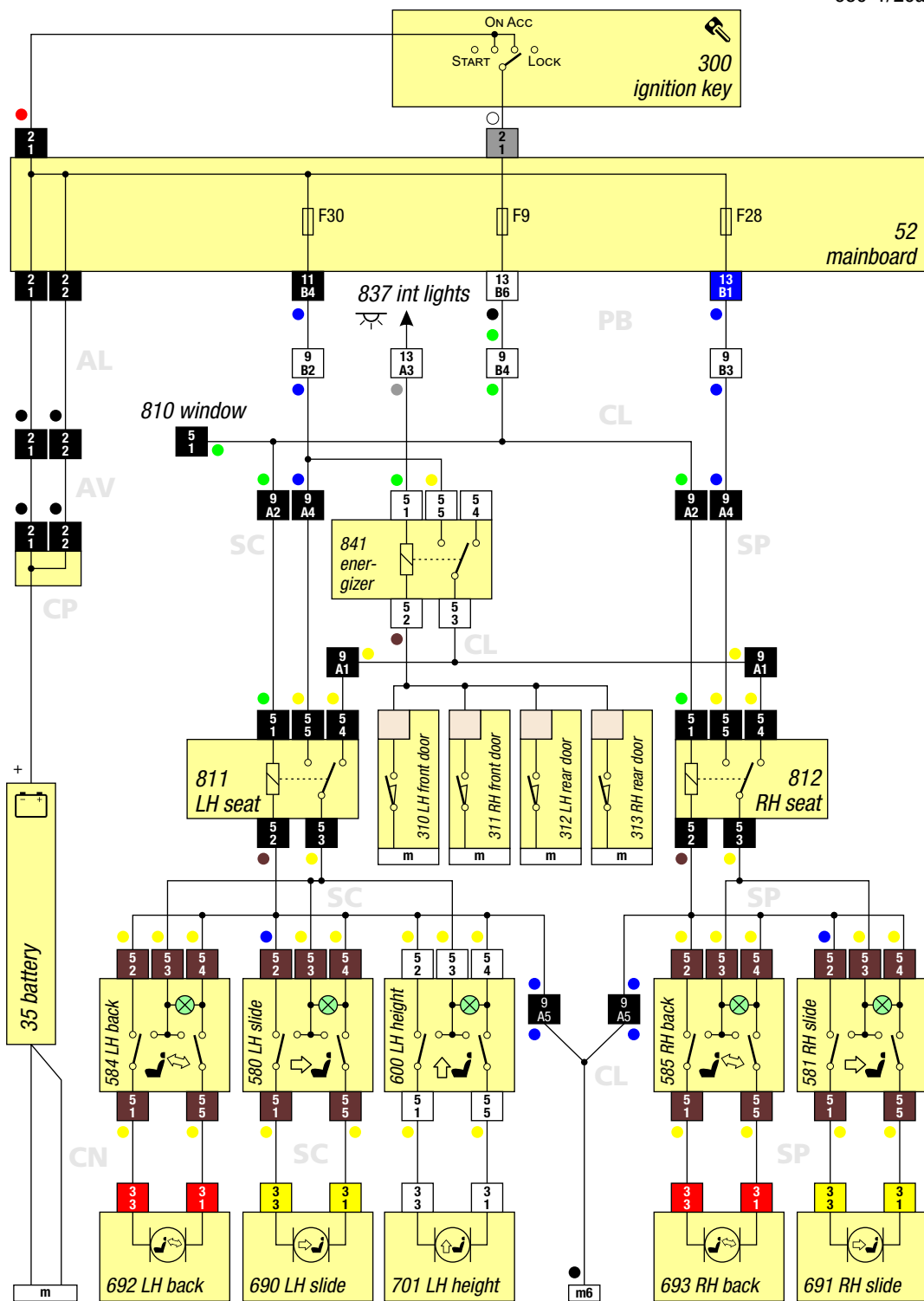


Seat adjustment

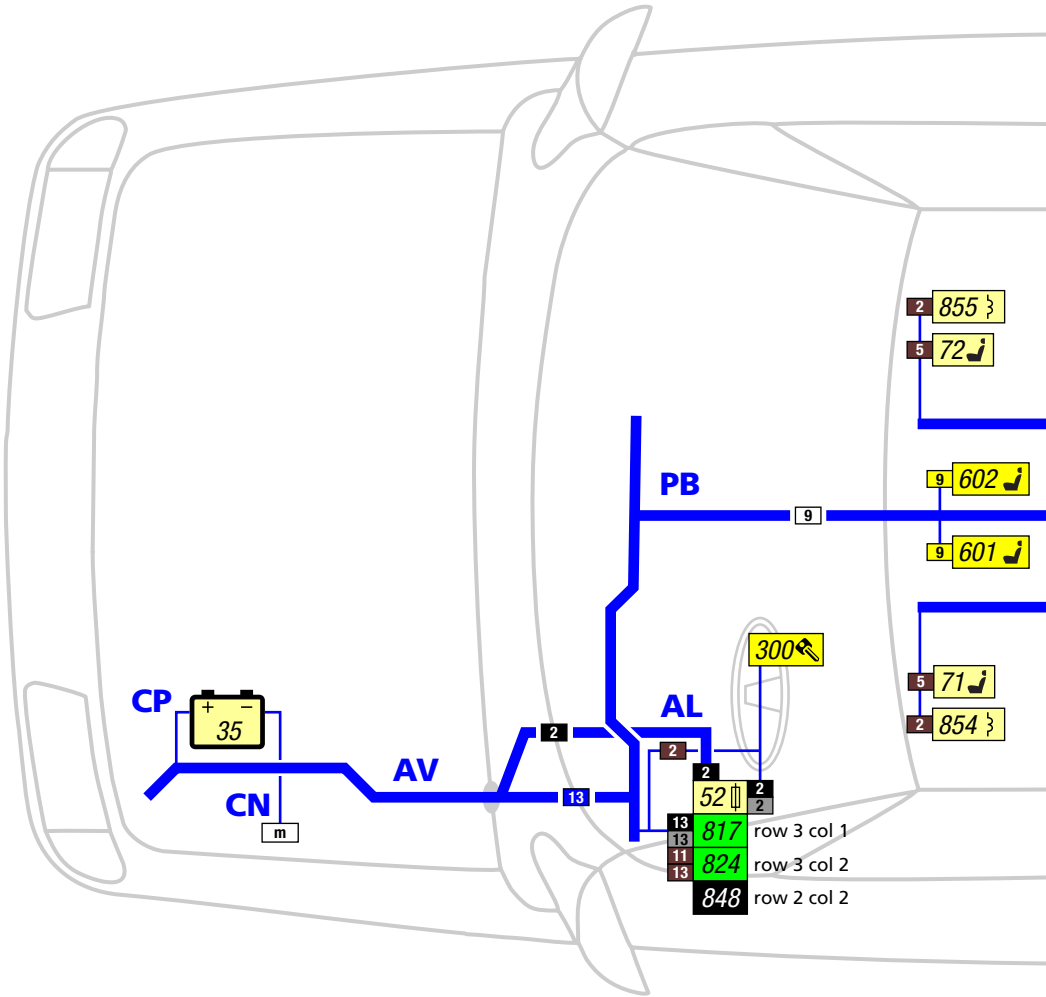


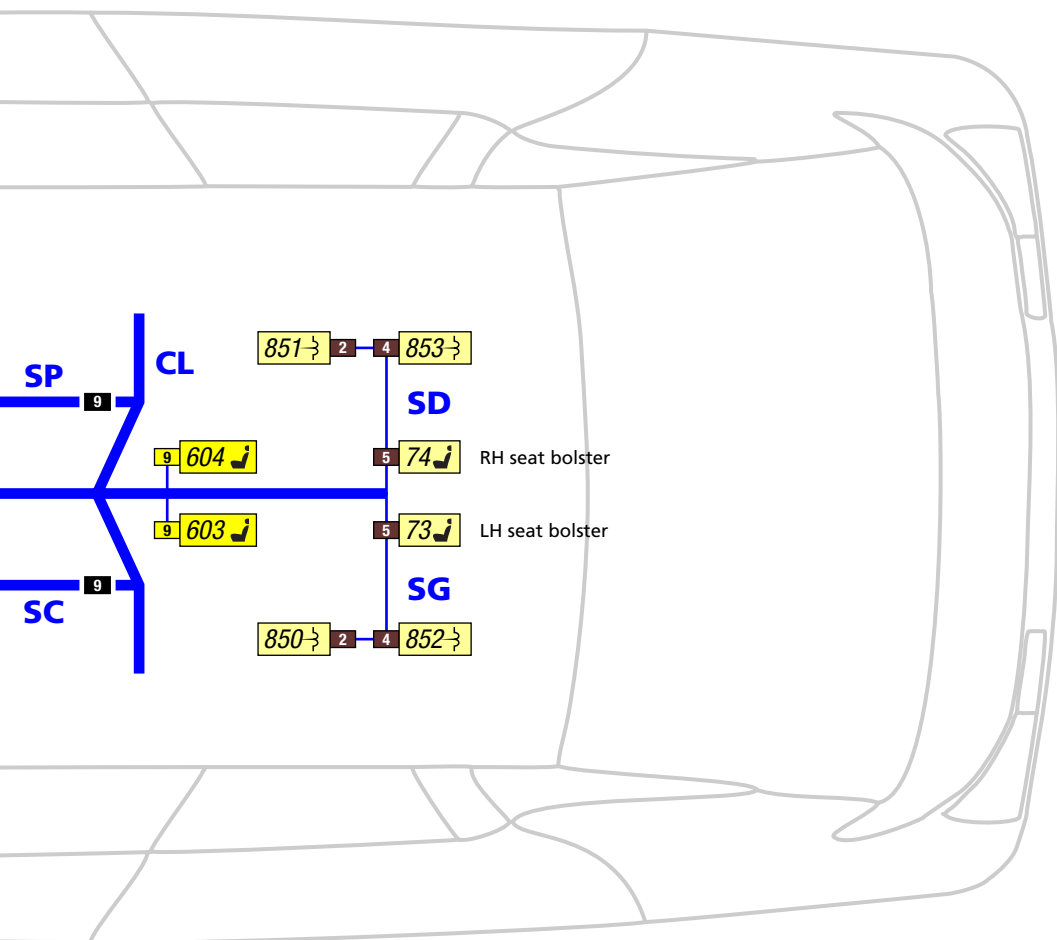
Modifications

- | | |
|------|----------------------------|
| 6383 | original version |
| 7084 | CL and PB modified |
| 7329 | PB, CL, SC and SP modified |



Heated seats

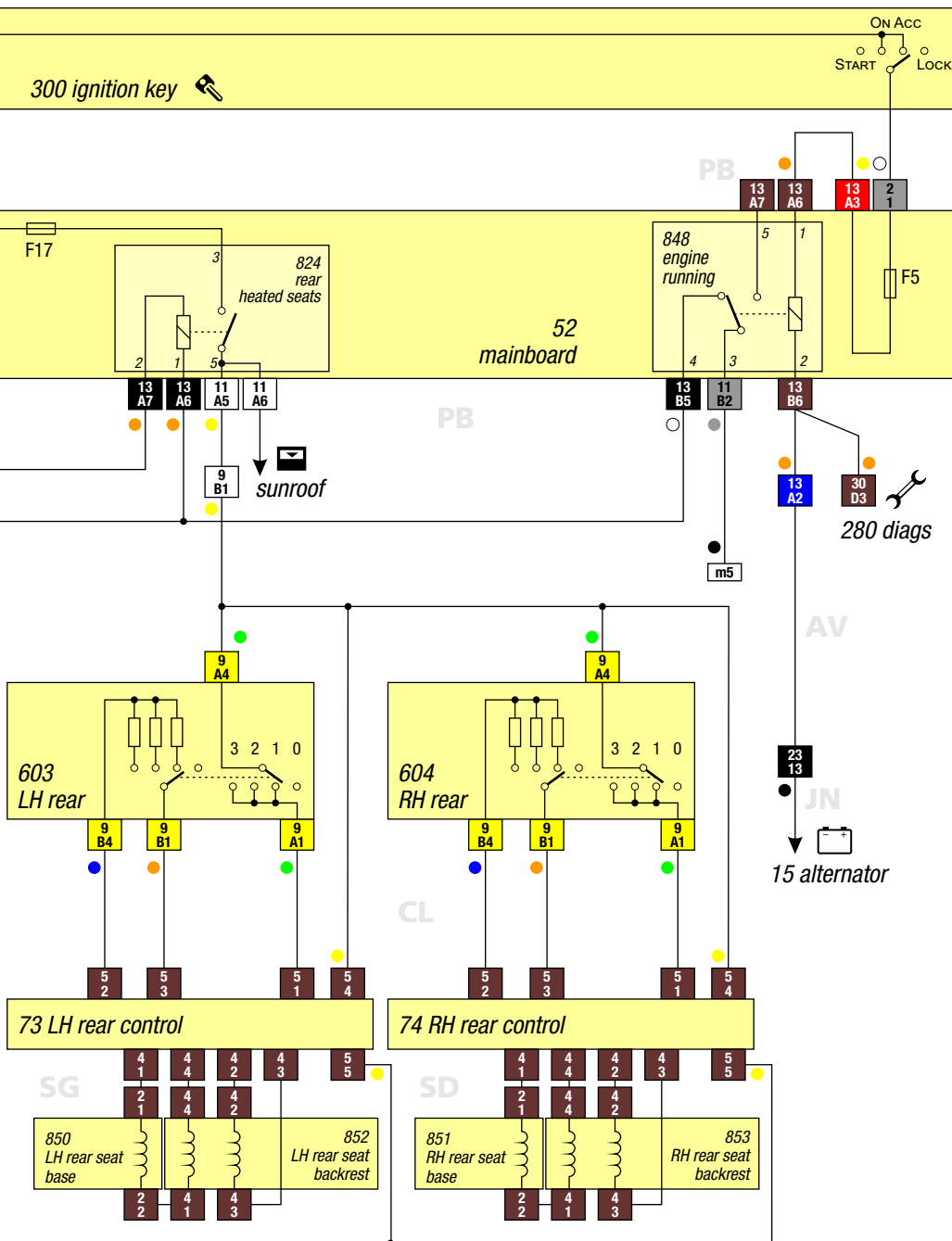




Modifications

6383	original version
6749	fuse box modified
7084	PB and CL modified
7329	PB, CL, SC and SP modified



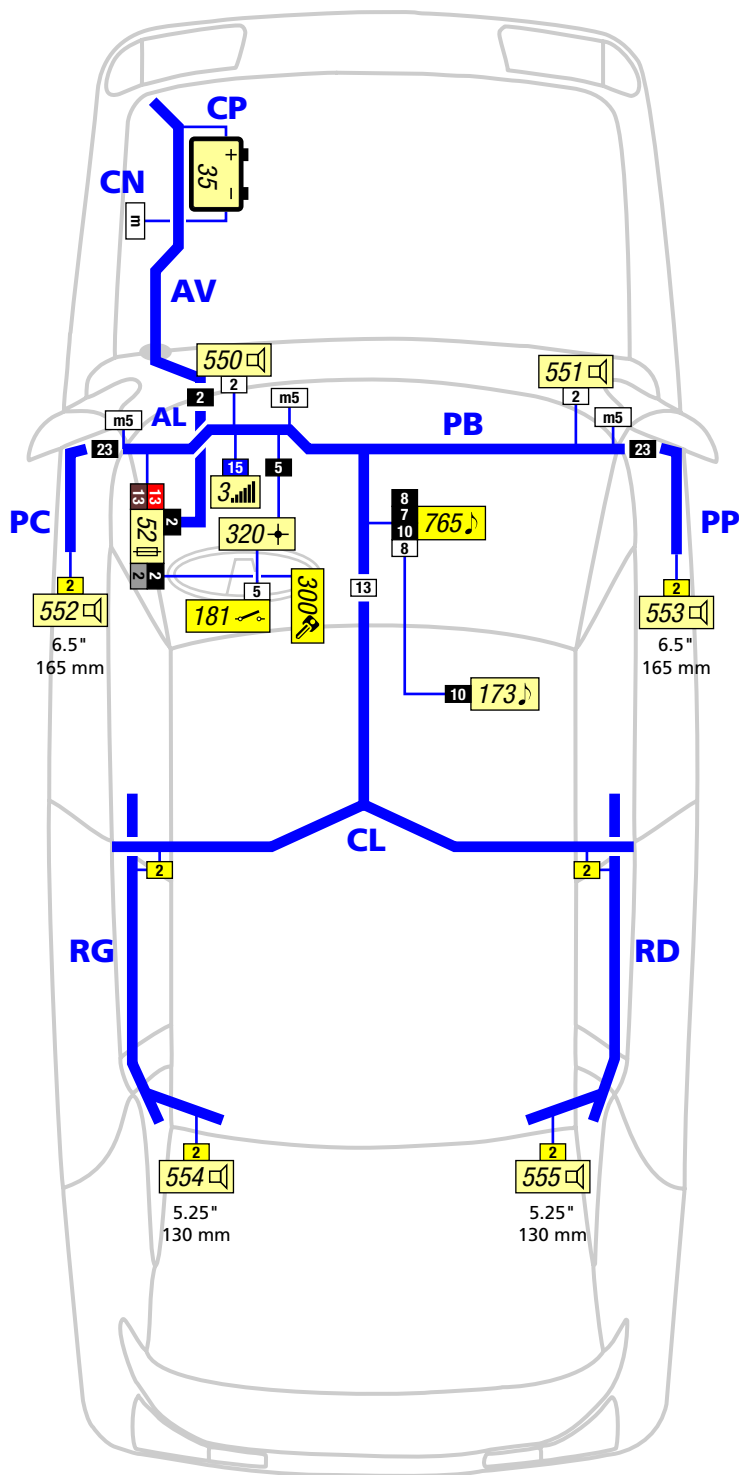
300 ignition key 



6383	original version
6749	fuse box modified
7084	CL and PB modified
7329	CL and PB modified
7847	CL modified

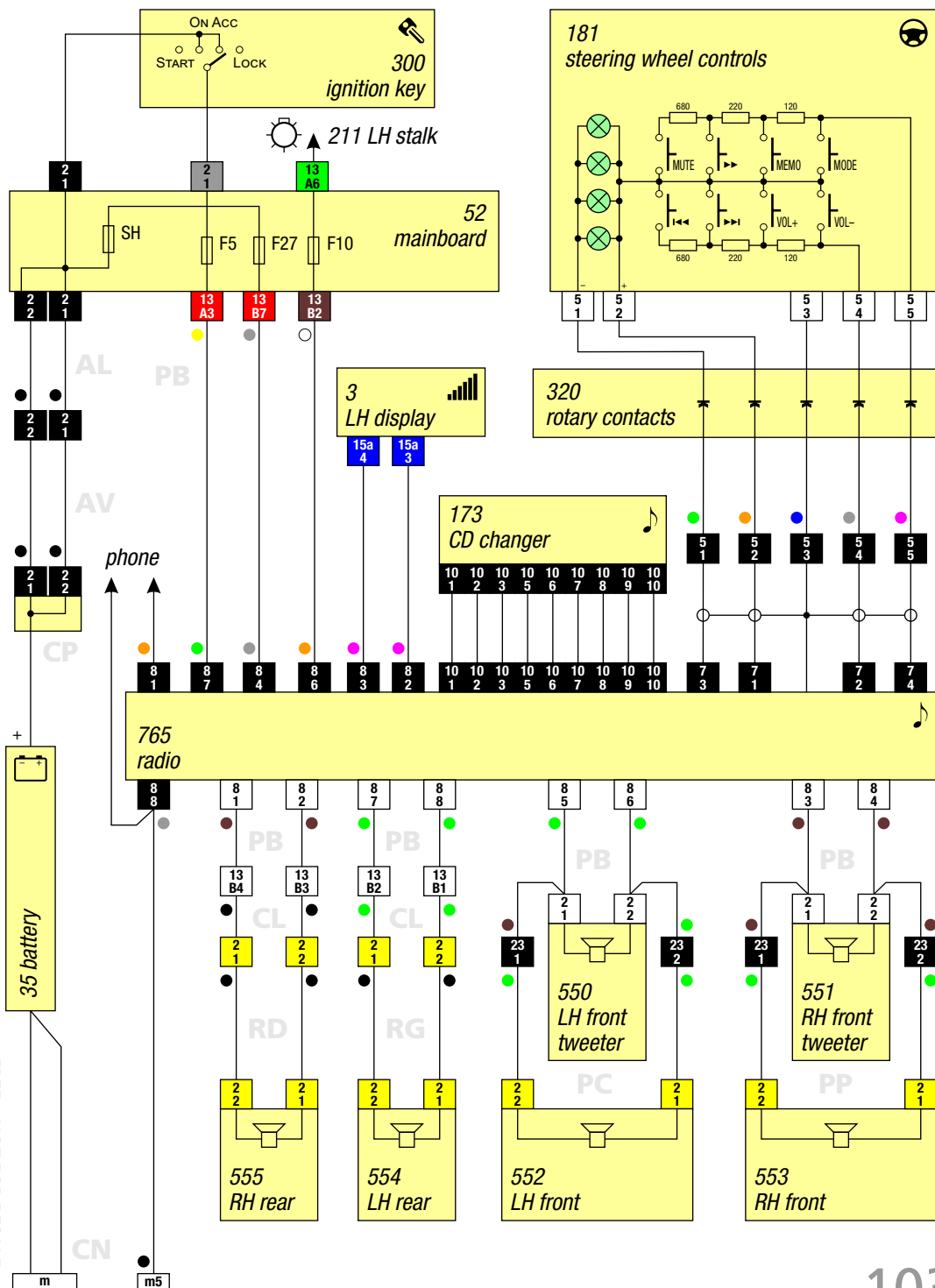


Radio

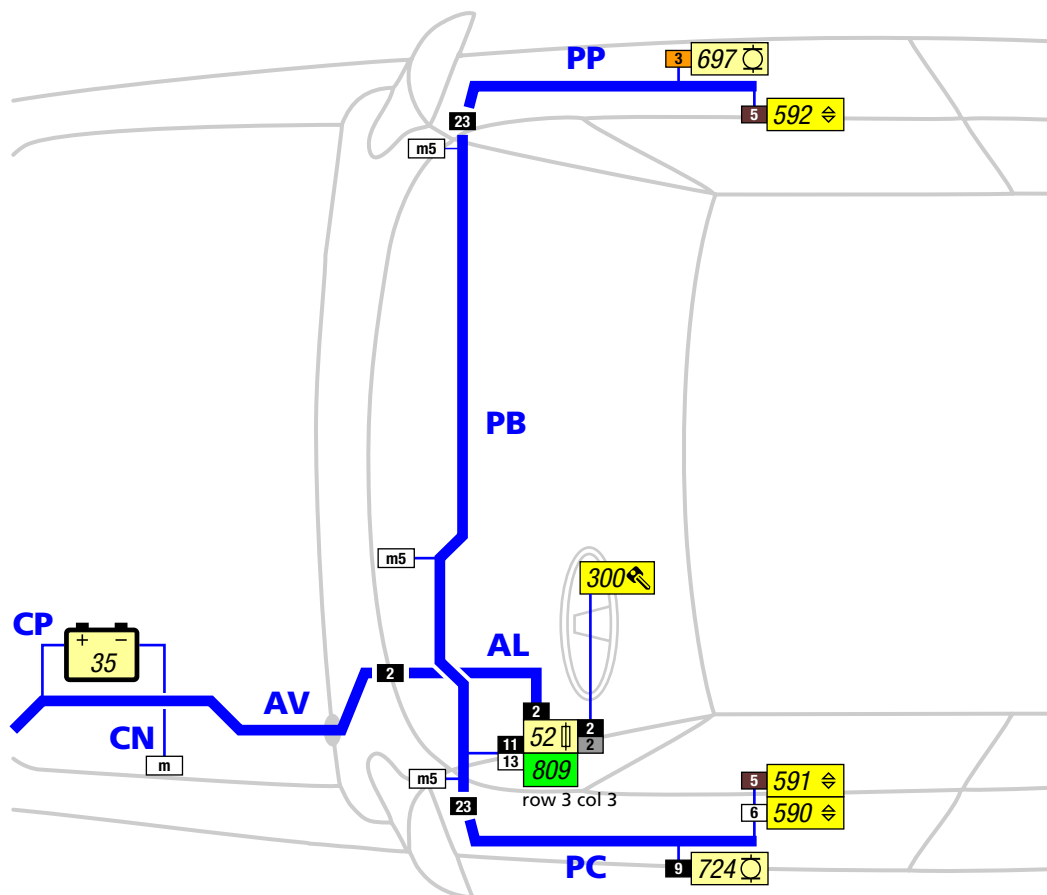


Modifications

- 6383 original version
- 6749 fuse box modified

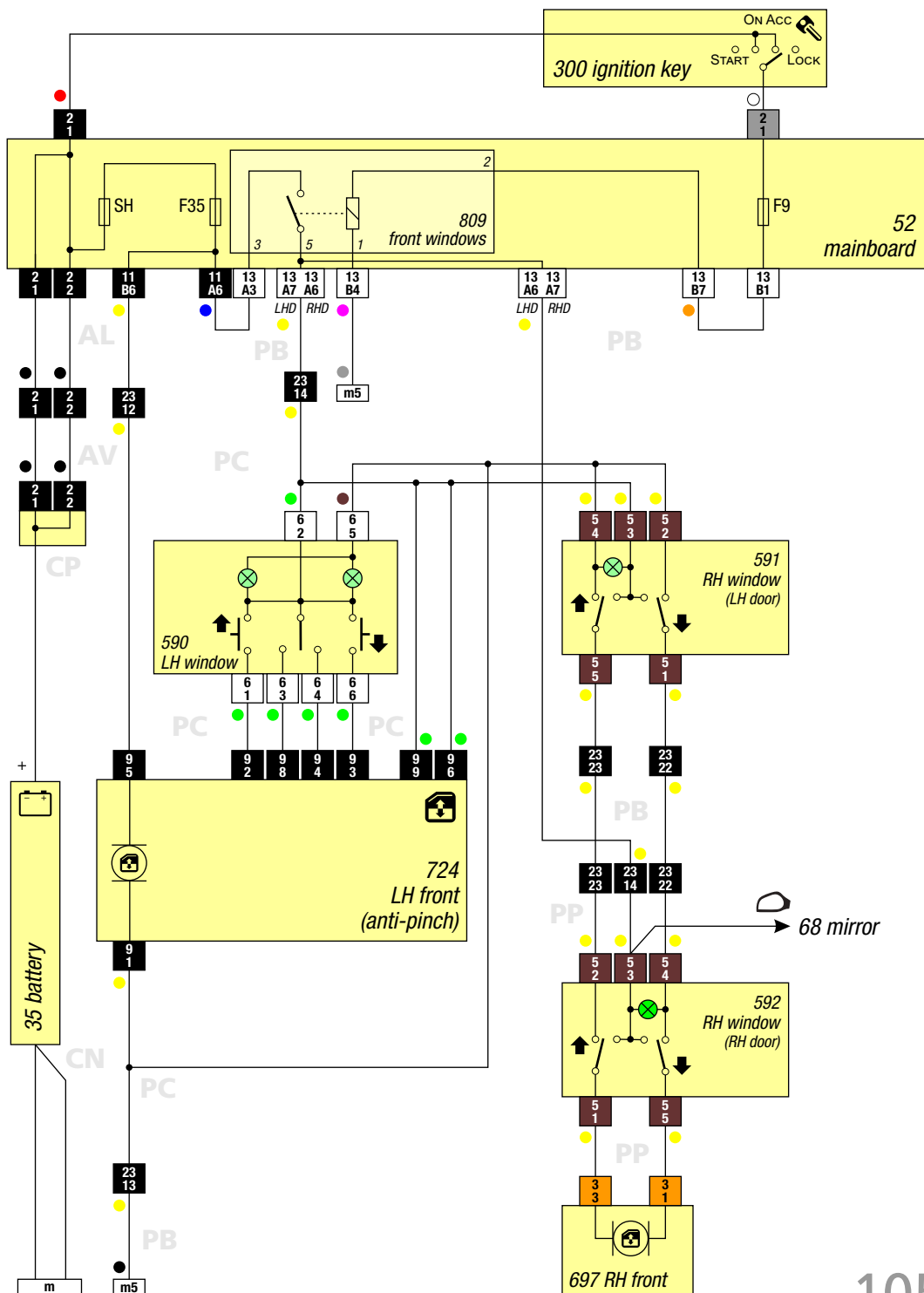


Front windows

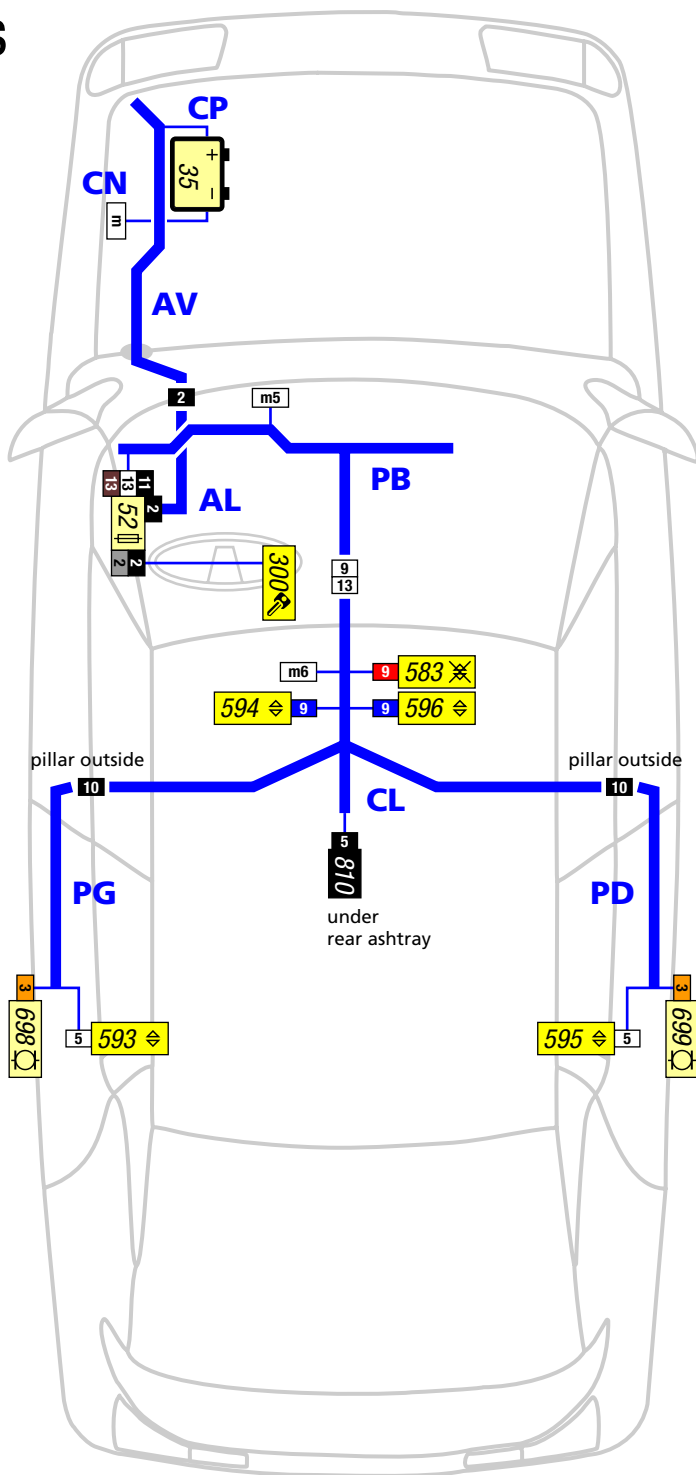


Modifications

6383 original version
6749 fuse box modified

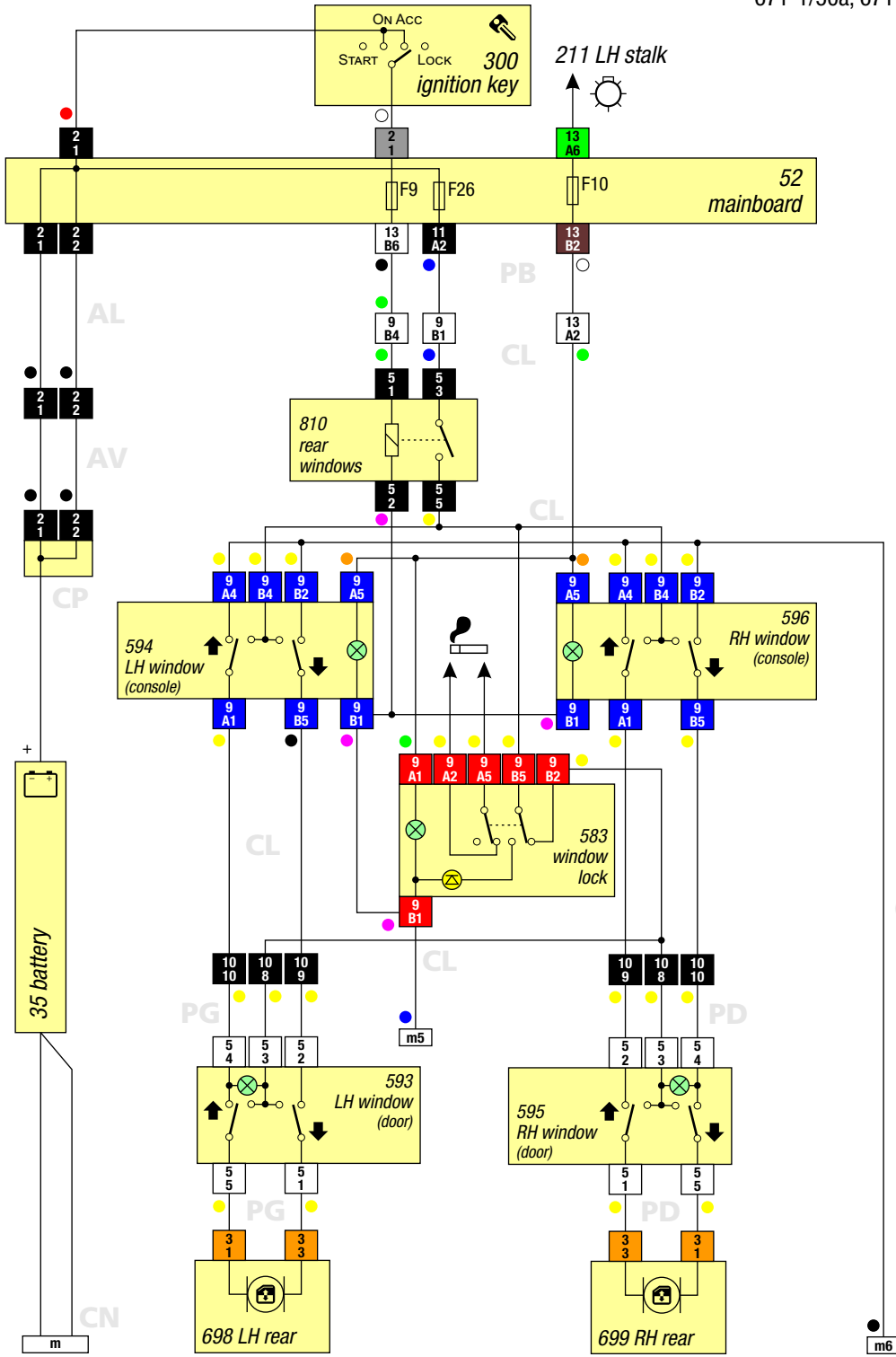


Rear windows

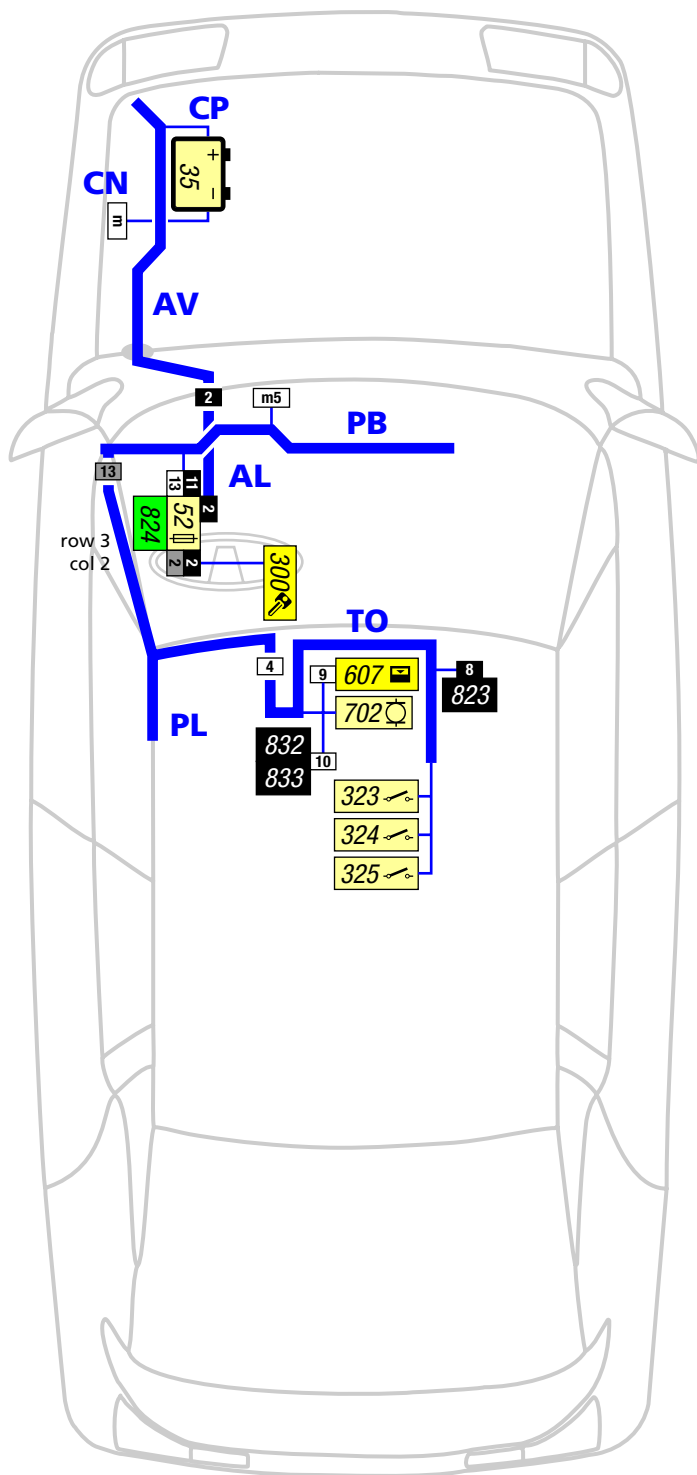


Modifications

- 6383 original version
6749 fuse box modified

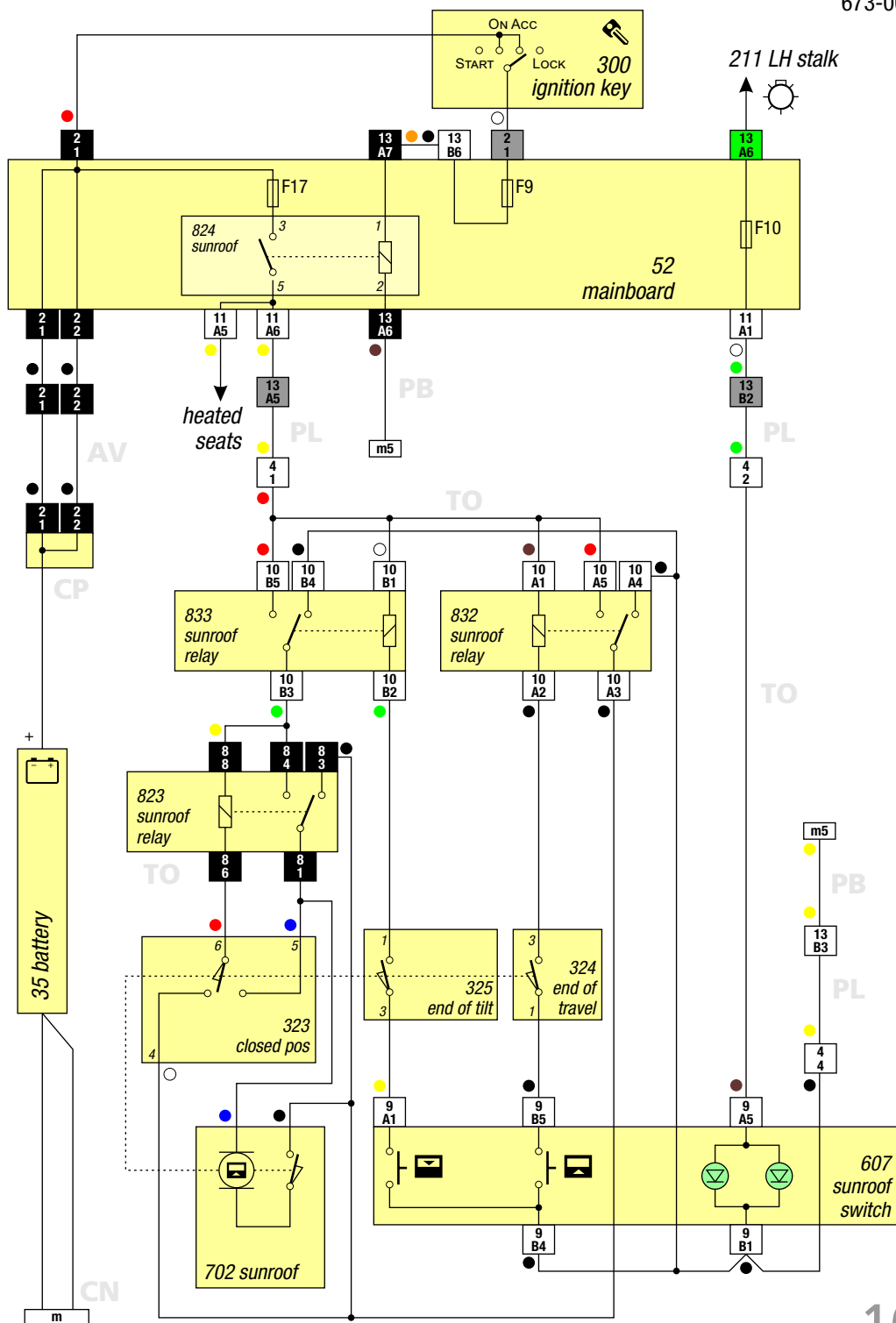


Sunroof

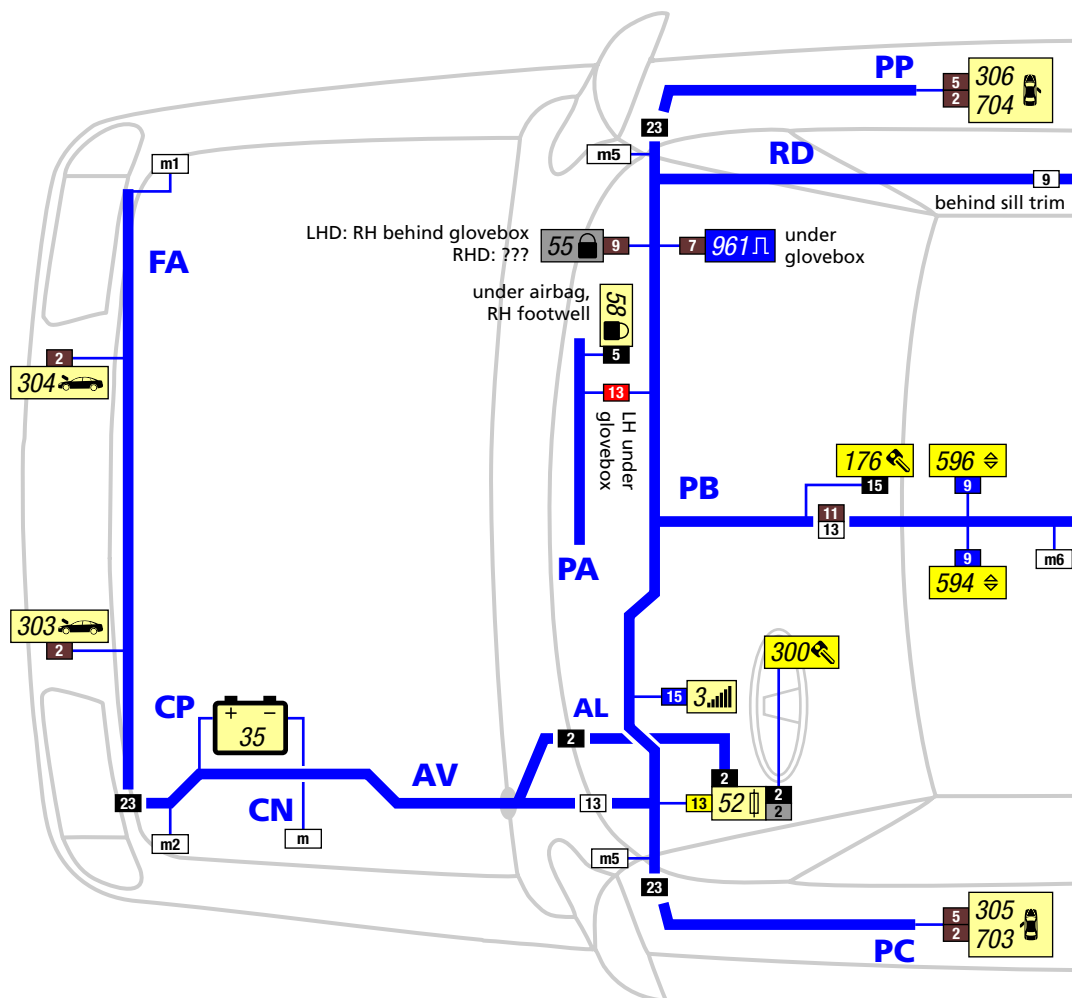


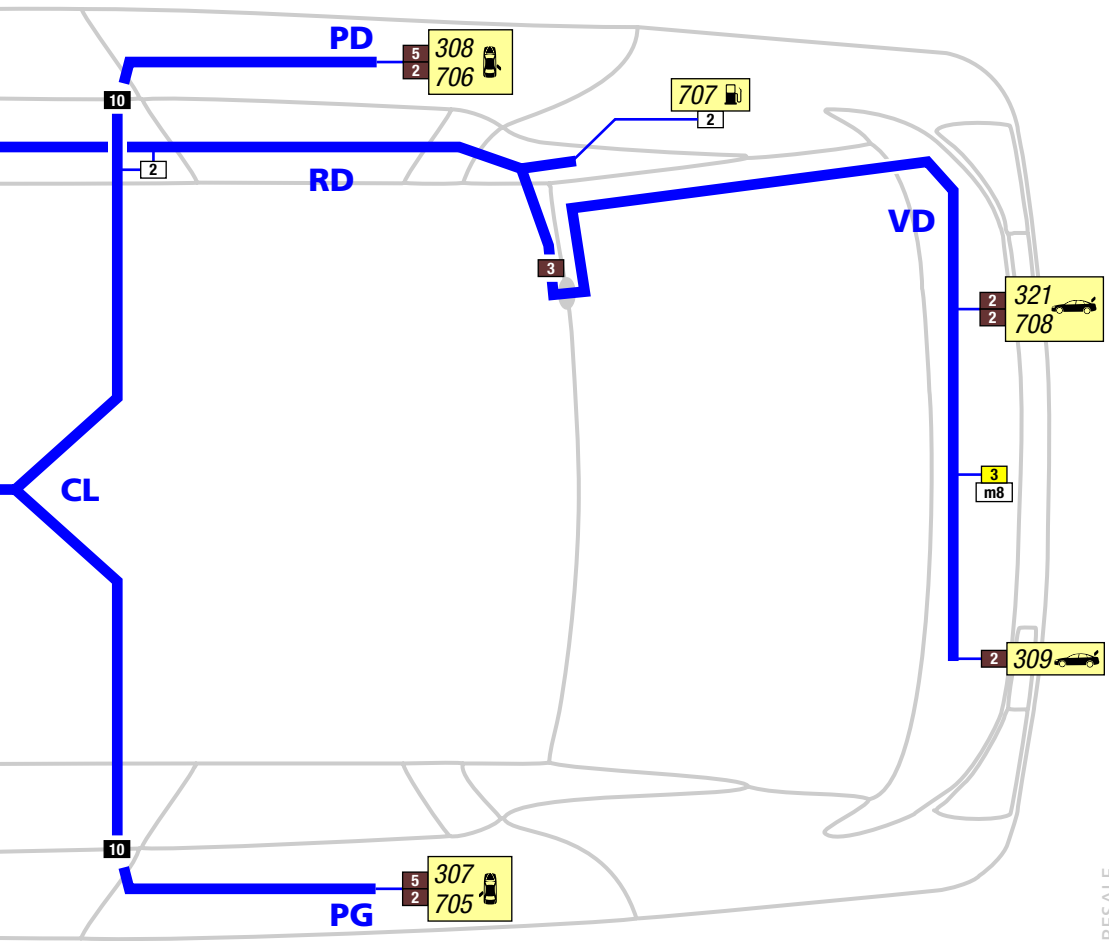
Modifications

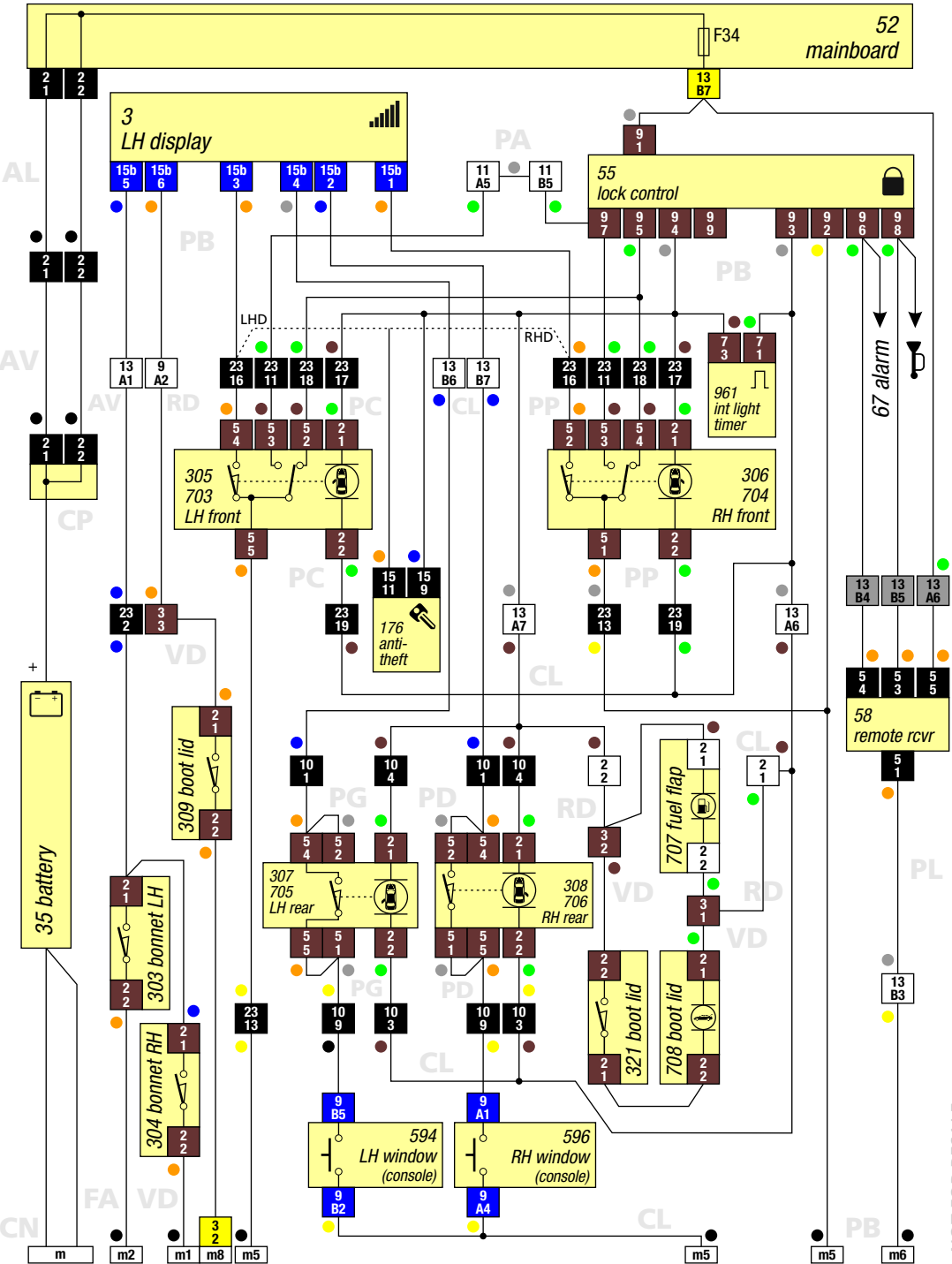
- 6383 original version
(separate fuse 874)
- 6749 fuse box modified



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