

**Document number:** pe83.40-p-2101-97maa

**Document title:** Wiring diagram for automatic air conditioning (AAC) control unit

<b>Code:</b>	<b>Designation:</b>	<b>Position:</b>
A0	Color code key	80L
A32	AC air recirculation unit	31L
A32m1	Blower motor	
A32n1	Blower regulator	
A9	Refrigerant compressor	13L
A9	Refrigerant compressor	10L
A9	Refrigerant compressor	19L
A9	Refrigerant compressor	16L
A9	Refrigerant compressor	22L
A9x1	Refrigerant compressor connector	10K
A9x1	Refrigerant compressor connector	15K
B10/31	Left side outlet temperature sensor	60L
B10/32	Right side outlet temperature sensor	59L
B10/33	Left center outlet temperature sensor	63L
B10/34	Right center outlet temperature sensor	62L
B10/35	Left footwell temperature sensor	61L
B10/36	Right footwell temperature sensor	24L
B10/6	Evaporator temperature sensor	25L
B10/7	Center rear interior temperature sensor	58L
B12	Refrigerant pressure sensor	7L
B14	Outside temperature display temperature sensor	76L
B14x1	Outside temperature indicator temperature sensor connector	75K
B32	Sun sensor	65L
CAN B	Interior CAN	68K
F3	Cockpit fuse box	2L
F33	Battery compartment prefuse box	28L
F33	Battery compartment prefuse box	50L
F33f78	Fuse 78	48K
F33f91	Fuse 91	
F3f12	Fuse 12	1L
M13	Coolant circulation pump	6L
M16/23	Left center air flap actuator motor	53L
M16/27	Diverter flap actuator motor	39L
M2/11	Right footwell flap actuator motor	34L
M2/21	Rear air distribution flap actuator motor	56L
M2/6	Left blending air flap actuator	43L
M2/7	Right blending air flap actuator	35L
M2/8	Left defroster vent flap actuator motor	41L
M2/9	Right defroster vent flap actuator motor	37L

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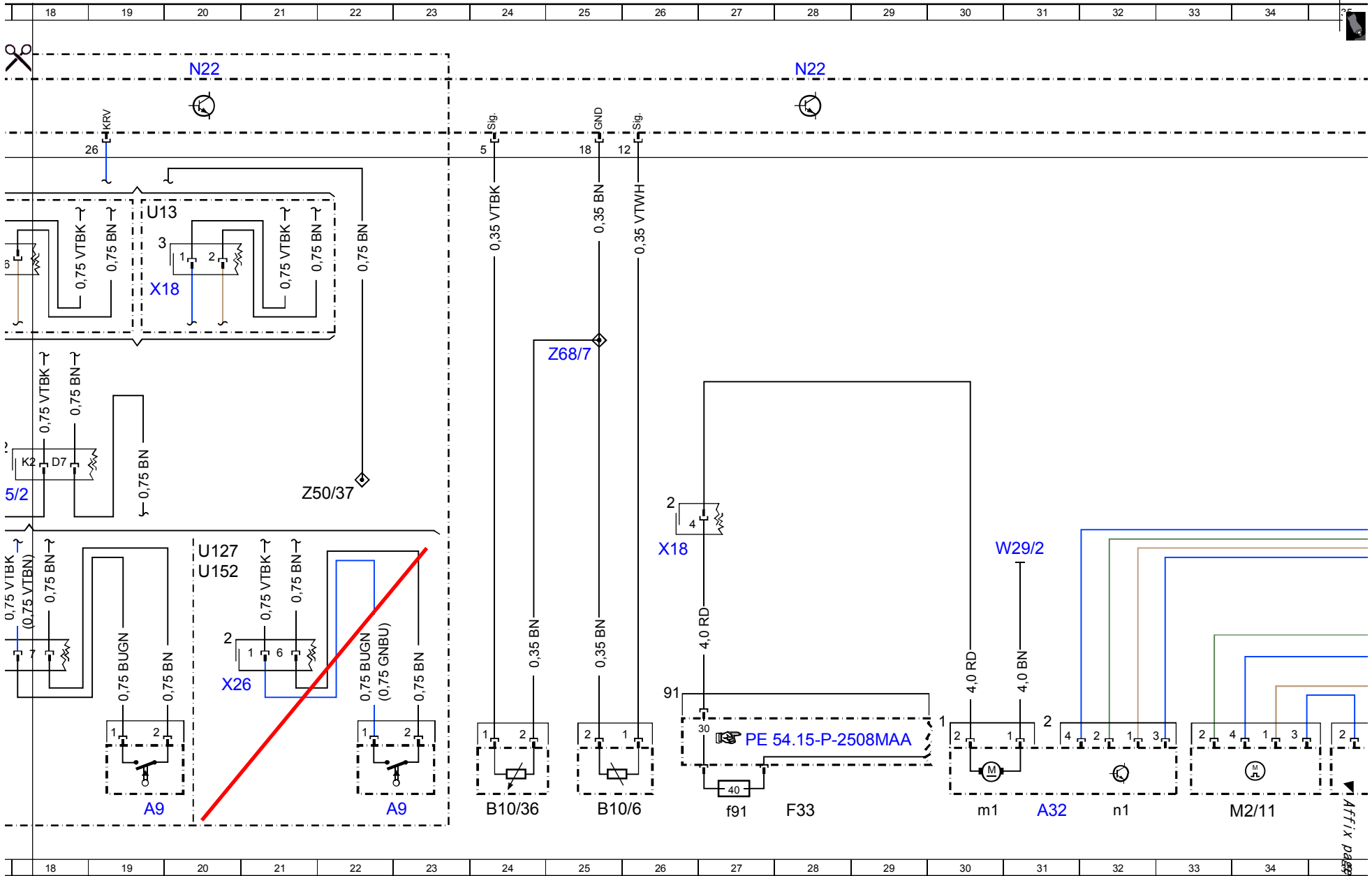
<b>Code:</b>	<b>Designation:</b>	<b>Position:</b>
N22	AAC [KLA] control and operating unit	4A
N22	AAC [KLA] control and operating unit	12A
N22	AAC [KLA] control and operating unit	28A
N22	AAC [KLA] control and operating unit	20A
N22	AAC [KLA] control and operating unit	36A
N22	AAC [KLA] control and operating unit	44A
N22	AAC [KLA] control and operating unit	52A
N22	AAC [KLA] control and operating unit	60A
N22	AAC [KLA] control and operating unit	68A
N22	AAC [KLA] control and operating unit	76A
N22s2	Air recirculation switch	47A
R22/3	PTC heater booster	46L
U12	Valid for left-hand drive vehicles	16C
U12	Valid for left-hand drive vehicles	70C
U127	Valid for engine 272, engine 273 KE	20H
U127	Valid for engine 272, engine 273 KE	
U13	Valid for right-hand drive vehicles	19C
U13	Valid for right-hand drive vehicles	72C
U151	Valid for engine 113	13H
U151	Valid for engine 113	4E
U151	Valid for engine 113	8F
U151	Valid for engine 113	
U152	Valid for engine 156	20H
U30	Valid for heater booster	45F
U681	Valid for all except M113	68C
U681	Valid for all except M113	
U880	Valid for engine 642	17H
U880	Valid for engine 642	11F
U882	Valid for engine 629	17H
U932	Valid for engine 642 BLUETEC	
U978	Valid for full hybrid drive	76K
W29/2	Ground (right A-pillar)	3H
W29/2	Ground (right A-pillar)	31G
W29/2	Ground (right A-pillar)	65E
W52/7	Ground (PTC heater booster)	47G
W9	Ground (left front, at lamp unit)	6G
X122/1	Center air outlet connector	52H
X122/1	Center air outlet connector	62H
X122/2	Booster blower connector (air conditioning)	55H

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X122/4	Cockpit AC connector	40E
X18	Interior/cockpit connector	26H
X18	Interior/cockpit connector	5E
X18	Interior/cockpit connector	17D
X18	Interior/cockpit connector	20D
X18	Interior/cockpit connector	69E
X18	Interior/cockpit connector	71E
X18	Interior/cockpit connector	73E
X18/7	Interior/engine connector	11J
X18/7	Interior/engine connector	17J
X25/2	Engine compartment/interior compartment connector	5H
X25/2	Engine compartment/interior compartment connector	9H
X25/2	Engine compartment/interior compartment connector	11H
X25/2	Engine compartment/interior compartment connector	17G
X25/2	Engine compartment/interior compartment connector	69H
X25/2	Engine compartment/interior compartment connector	71H
X25/2	Engine compartment/interior compartment connector	73H
X26	Interior and engine wiring harness connector	9J
X26	Interior and engine wiring harness connector	14J
X26	Interior and engine wiring harness connector	20J
X26	Interior and engine wiring harness connector	
X26/32	Left front engine compartment/bumper connector	75H
X30/6	Cockpit voltage distributor (CAN) connector	68L
Z50/36	Circuit 31 (4) cockpit connector sleeve)	65G
Z50/37	Air conditioner compressor ground connector sleeve	22G
Z50/37	Air conditioner compressor ground connector sleeve	3E
Z68/1	Instrument panel circuit 31 climate control LIN connector sleeve	38E
Z68/1	Instrument panel circuit 31 climate control LIN connector sleeve	53E
Z68/2	Instrument panel climate control LIN positive line connector sleeve	39E
Z68/2	Instrument panel climate control LIN positive line connector sleeve	56E
Z68/7	Cockpit AC system sensor ground	25E
Z68/7	Cockpit AC system sensor ground	62E

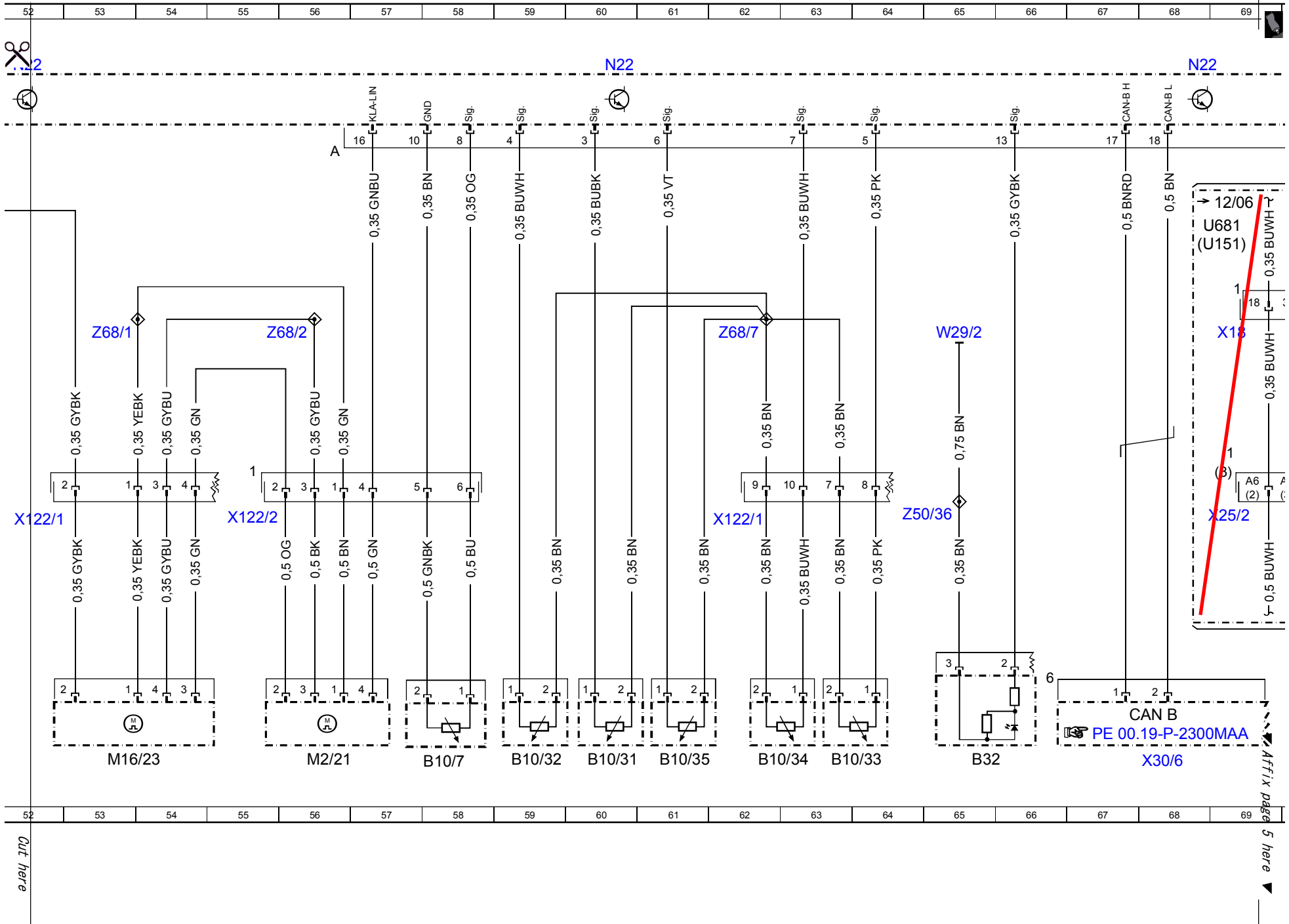


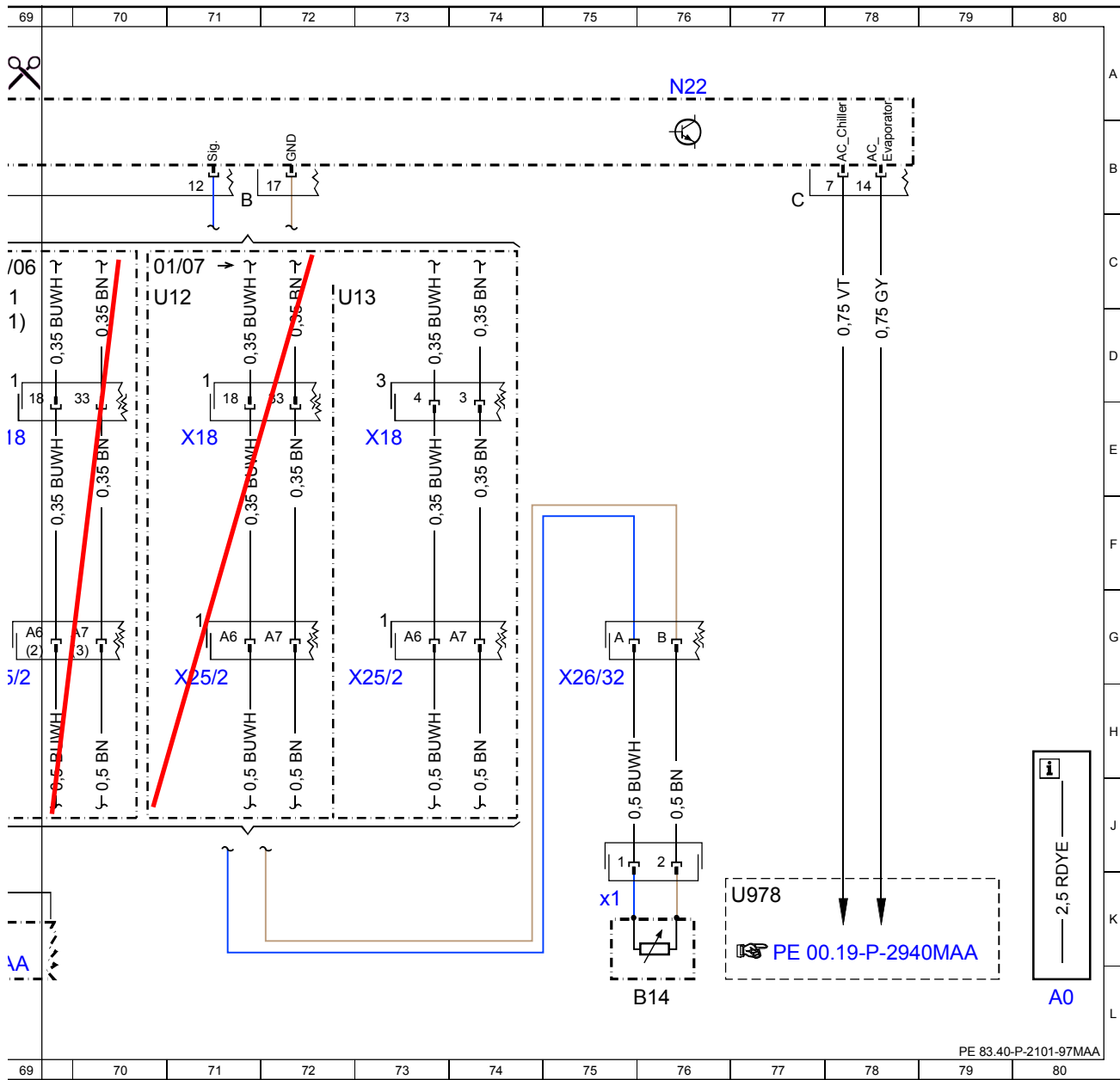


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