

**Document number:** pe32.22-p-2101-97maa  
**Document title:** Wiring diagram of AIRmatic control unit

**Code:**                    **Designation:**                    **Position:**

A0	Color code key	64L
A9/1	AIRMATIC compressor unit	18L
A9/1m1	Air compressor motor	18L
A9/1y1	AIRMATIC pressure reduction valve	17L
B22/10	Right rear level sensor	45L
B22/7	Left rear level sensor	47L
B22/8	Left front level sensor	38L
B22/9	Right front level sensor	33L
B24/3	Left front body lateral acceleration sensor	40L
B24/4	Right front body lateral acceleration sensor	15L
B24/6	Right rear body lateral acceleration sensor	52L
B24/6	Right rear body lateral acceleration sensor	54L
F4	Load compartment fuse and relay box	5L
F4f32	Fuse 32	2L
F4f53	Fuse 53	3L
F58	Engine compartment fuse and relay box	21L
F58	Engine compartment fuse and relay box	25L
F58f108	Fuse 108	20L
N10	Front SAM control unit	10L
N51	AIRMATIC control unit	4A
N51	AIRMATIC control unit	11A
N51	AIRMATIC control unit	20A
N51	AIRMATIC control unit	28A
N51	AIRMATIC control unit	44A
N51	AIRMATIC control unit	52A
N51	AIRMATIC control unit	36A
N51	AIRMATIC control unit	60A
U151	Valid for engine 113	34C
U152	Valid for engine 156	53F
U506	Valid for ADS	12A
U506	Valid for ADS	39H
U506	Valid for ADS	50A
U681	Valid for all except M113	40C
U974	Not valid for full hybrid drive	23H
U978	Valid for full hybrid drive	23H
W15/2	Ground (left footwell)	7G
W2	Ground (right front, at lamp unit)	18F
X25/2	Engine compartment/interior compartment connector	12E
X25/2	Engine compartment/interior compartment connector	37E

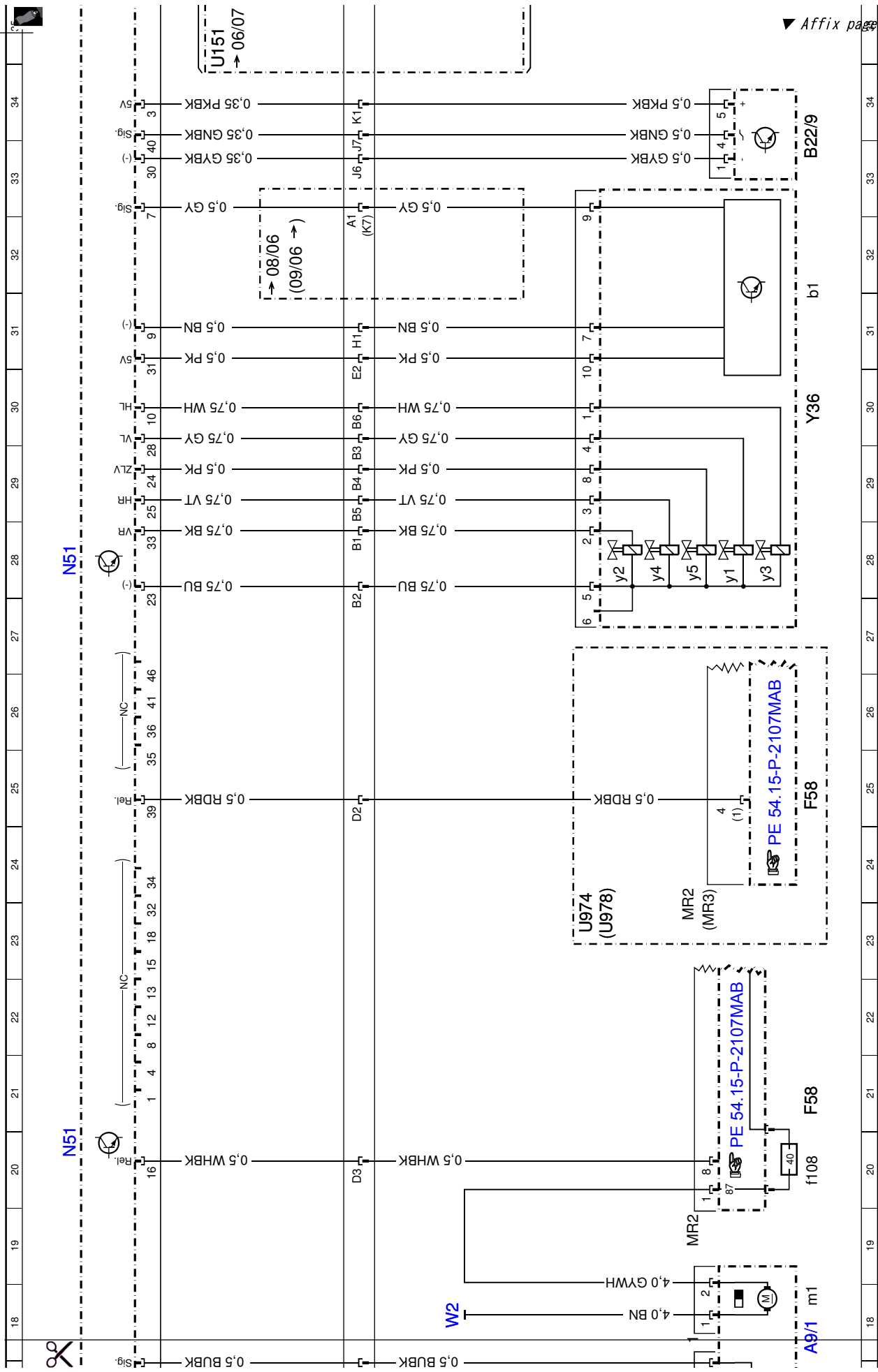
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X25/2	Engine compartment/interior compartment connector	41E
Y36	AIRmatic valve unit	30L
Y36b1	AIRMATIC pressure sensor	32L
Y36y1	Left front level control valve	28K
Y36y2	Right front level control valve	28H
Y36y3	Left rear level control valve	28K
Y36y4	Right rear level valve	28J
Y36y5	AIRMATIC central reservoir charge valve	28J
Y51	Left front axle damping valve unit	42L
Y51x1	Left front axle damping valve unit	41J
Y51y1	Left front axle damping valve unit connector	42L
Y51y2	Solenoid valve 1, front left	43L
Y52	Solenoid valve 2, front left	13L
Y52x1	Right front axle damping valve unit	12J
Y52y1	Right front axle damping valve unit connector	13L
Y52y2	Solenoid valve 1, front right	14L
Y53	Solenoid valve 2, front right	56L
Y53x1	Left rear axle damping valve unit	55J
Y53y1	Damping valve unit connector	55L
Y53y2	Solenoid valve 1, rear left	57L
Y54	Solenoid valve 2, rear left	58L
Y54x1	Right rear axle damping valve unit	57J
Y54y1	Damping valve unit connector	58L
Y54y2	Solenoid valve 1, rear right	59L
Z204/5	Solenoid valve 2, rear right	7L
	Circuit 31 left footwell voltage distributor connector (1)	





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