

Document number: pe32.22-p-2101-97saa
Document title: Wiring diagram of Airmatic control unit

Code:	Designation:	Position:
A0	Color code key	40L
A9/1	AIRMATIC compressor unit	6L
A9/1m1	Air compressor motor	5L
A9/1v1	AIRMATIC pressure reduction valve	6L
B22/3	Rear axle level sensor	33L
B22/8	Left front level sensor	19L
B22/9	Right front level sensor	21L
B24/3	Left front body lateral acceleration sensor	16L
B24/4	Right front body lateral acceleration sensor	17L
B24/6	Right rear body lateral acceleration sensor	32L
CAN E	Chassis CAN	38K
N10/1	Front SAM control unit with fuse and relay module	3L
N51	AIRMATIC with ADS control unit	4A
N51	AIRMATIC with ADS control unit	12A
N51	AIRMATIC with ADS control unit	20A
N51	AIRMATIC with ADS control unit	28A
N51	AIRMATIC with ADS control unit	38A
U12	Valid for left-hand drive vehicles	4C
U13	Valid for right-hand drive vehicles	4D
U152	Valid for engine 156	30G
W15/1	Ground (right footwell)	4E
W2	Ground (right front, at lamp unit)	5H
W34/1	Ground (electronics - left footwell)	4F
X222	AIRMATIC emergency filling connector	11E
X30/30	Chassis CAN/FFS [RBA] voltage distributor connector	38L
X62/32	Left rear axle multiple circuit junction connector	26H
X62/33	Right rear axle multiple circuit junction connector	28H
X62/6	Right front axle multiple circuit junction connector, major assembly compartment	24H
X62/7	Left front axle multiple circuit junction connector, major assembly compartment	22H
Y36/6	Level control valve unit	11L
Y36/6b1	AIRMATIC pressure sensor	14L
Y36/6y1	Left front level control valve	9K
Y36/6v2	Right front level control valve	9H
Y36/6y3	Left rear level control valve	9K
Y36/6y4	Right rear level valve	9J
Y36/6y5	AIRMATIC central reservoir charge valve	9J
Y51	Left front axle damping valve unit	23L
Y51y1	Solenoid valve 1, front left	23L
Y51y2	Solenoid valve 2, front left	23L

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Code :	Designation :	Position :
Y52	Right front axle damping valve unit	25L
Y52y1	Solenoid valve 1, front right	24L
Y52y2	Solenoid valve 2, front right	25L
Y53	Left rear axle damping valve unit	27L
Y53y1	Solenoid valve 1, rear left	27L
Y53y2	Solenoid valve 2, rear left	28L
Y54	Right rear axle damping valve unit	29L
Y54y1	Solenoid valve 1, rear right	29L
Y54y2	Solenoid valve 2, rear right	30L

