

Document title Legend of electrical function schematic, AIRmatic

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PE32.32-P-2050-60MAA	Legend of electrical function schematic, AIRmatic	Model 164.1 with CODE (489) Airmatic (air suspension with level adjustment and adaptive damping system ADS) as of model year 09 /YoM 08 model refinement package	
		Model 164.8 with CODE (214) Adaptive damping system (ADS) with Skyhook and level control as of model year 09 /YoM 08	

Code	Designation	Coordinates
A1	Instrument cluster	10H
A9/1	AIRMATIC compressor unit	24B
B22/7	Left rear level sensor	26G
B22/8	Left front level sensor	26G
B22/9	Right front level sensor	26G
B22/10	Right rear level sensor	26H
B24/3	Left front body lateral acceleration sensor	17B
B24/4	Right front body lateral acceleration sensor	17B
B24/6	Right rear body lateral acceleration sensor	17B
F58kG	Air suspension compressor	20B
N3/9	CDI control unit	13G
N3/10	ME-SFI [ME] control unit	16G
N10	Front SAM control unit	18J
N10/8	Rear SAM control unit	7K
N22	AAC [KLA] control and operating unit	2D
N22/7	Comfort AAC [KLA] control and operating unit	2D
N47-5	ESP control unit	21H
N49	Steering angle sensor	27J
N51	AIRMATIC control unit	21D
N72	Lower control panel control unit	2A
N72/1	Upper control panel control unit	7A
N80	Steering column module	24J
N93	Central gateway control unit	7D
U29	Valid for AAC [KLA]	1C
U74	Valid for diesel engines	11F
U75	Valid for gasoline engines	14F
U673	Valid for comfort AAC [K-KLA]	1D
Y36	AIRmatic valve unit	26E
Y51	Left front axle damping valve unit	26B
Y52	Right front axle damping valve unit	26B
Y53	Left rear axle damping valve unit	26B
Y54	Right rear axle damping valve unit	26B
CAN B	Interior CAN	4E
CAN B	Interior CAN	7C
CAN B	Interior CAN	7H
CAN B	Interior CAN	12K
CAN C	Engine compartment CAN	12E
CAN C	Engine compartment CAN	15F
CAN C	Engine compartment CAN	17E
CAN C	Engine compartment CAN	17F
CAN C	Engine compartment CAN	21G
CAN C	Engine compartment CAN	22G
LIN 1	Instrument panel LIN	4A
1	Door rotary tumbler switch, status	7F
1	Door rotary tumbler switch, status	17L
1	Door rotary tumbler switch, status	19D
2	Rear-end door locking unit, status	7F
2	Rear-end door locking unit, status	16L
2	Rear-end door locking unit, status	19D
3	Activate system, signal	20F
4	Level sensor, status	22F
5	AIRMATIC pressure sensor, signal	22E
6	Level control valve, actuation	26E
7	Engine speed, signal	19F
8	Outside air pressure/temperature, signal	19F

9	Temperature sensor for outside temperature indicator, signal	5D
9	Temperature sensor for outside temperature indicator, signal	18D
10	AIRMATIC compressor, actuation	20C
10	AIRMATIC compressor, actuation	22B
11	AIRMATIC central reservoir charge valve, actuation	26E
12	AIRMATIC pressure reduction valve, actuation	22C
13	Wheel speed, signal	21F
14	Level control switch, status	5B
14	Level control switch, status	7D
14	Level control switch, status	18D
15	Level control switch (LED), actuation	3B
15	Level control switch (LED), actuation	7B
15	Level control switch (LED), actuation	8D
16	Comfort/sport switch, status	7C
16	Comfort/sport switch, status	17D
17	Body acceleration sensor, status	19D
18	Steering angle, signal	22F
18	Steering angle, signal	25J
19	Service brake, status	21F
20	Yaw rate, lateral and longitudinal acceleration sensor, signal	21G
21	Damping valve units, actuation	25C
22	AIRMATIC fault, message	10G
23	Trailer operation detected, signal	7G
23	Trailer operation detected, signal	17D