

Model 100

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| <ul style="list-style-type: none"> 1 Air compressor 2 Air filter 3 Anti-freeze device 4 El. pressure switch for warning lamp 5 Valve unit 6 Warning lamp (red) 7 Valve unit cable 8 Air bellows 9 Rear level control valve unit 10 Air chamber 11 Air reservoir tank 12 Pressure regulator 13 Front left level control valve 14 Front right level control valve 15 Air piston 18 Actuating valve for air horn 22 Torsion bar lever | <ul style="list-style-type: none"> A Intake line B Pressure line C Return flow line D Air control line E Connecting line between level control valve and air suspension A1 Intake pipe and air release line from air filter to anti-freeze device A2 Intake line from anti-freeze device to air compressor B1 Pressure line (full operational pressure) from air compressor to pressure regulator B2 Pressure line (full operational pressure) from pressure regulator to valve unit B3 Pressure line (full operational pressure) from valve unit to level control valve on rear axle B4 Pressure line (reduced pressure) from valve unit to level control valves on front axle | <ul style="list-style-type: none"> B5 Pressure line (full operational pressure) from pressure regulator to brake booster B6 Pressure line (reduced pressure) valve unit to actuating valve B7 Pressure line (reduced pressure) from actuating valve to air horn C Return flow collecting pipe to anti-freeze device C1 Return flow line from pressure regulator C2 Return flow line from level control valves to valve unit C3 Return flow line from valve unit C4 Return flow line from brake booster D Air control line for increased height from valve unit to level control valve E1 Junction line between level control valve and front axle air suspension E2 Junction line between level control valve and rear axle air suspension |
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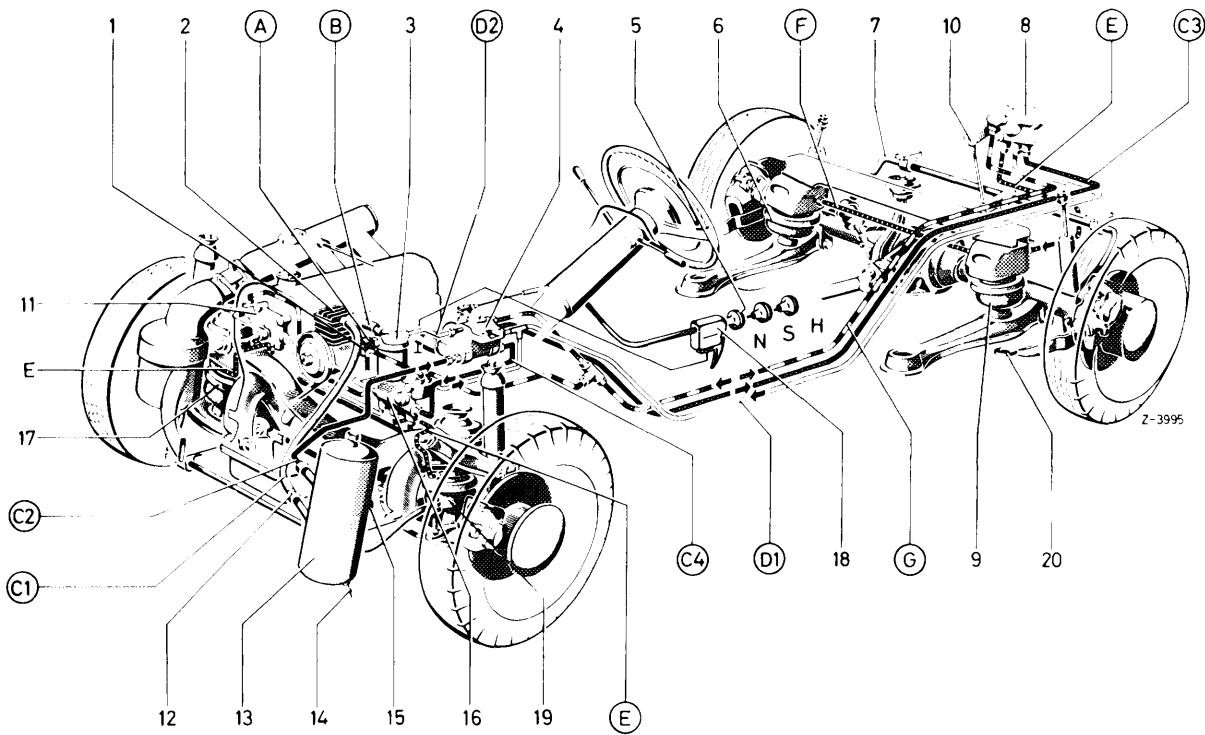
- Visual inspection

Check the following for leakages, chafing, dents, cracks and corrosion:

- Air filter
- Anti-freeze device
- Air compressor
- Air reservoir tank
- Pressure regulator (only on model 100)
- Valve unit
- Level control valves
- Air chambers
- Hoses and pipe lines

Note: Hairline cracks on the outer rubber coating of the bellows are without effect (see also job no. 676).





Model 109

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| A | Air suction inlet and air release | 1 | Air filter |
| B | Air intake line from anti-freeze device to air compressor | 2 | Air compressor |
| C1 | Pressure line (full operational pressure) from air compressor to air reservoir tank | 3 | Anti-freeze device |
| C2 | Pressure line (full operational pressure) from air reservoir tank to valve unit | 4 | Valve unit |
| C3 | Pressure line (full operational pressure) from valve unit to level control valve on rear axle | 5 | Warning lamp |
| C4 | Pressure line (reduced pressure) from valve unit to level control valve on front axle | 6 | Air chamber on rear axle |
| D1 | Return flow line from level control valve to valve unit | 7 | Rear axle torsion bar |
| D2 | Return flow line from valve unit to anti-freeze device | 8 | Level control valve on rear axle |
| E | Connection line between level control valves and air suspension | 9 | Spring bellows on rear axle |
| F | Compensating line between air suspension on rear axle | 10 | Level control valve tie rod |
| G | Pressure control line for increased height from valve unit to level control valves | 11 | Front right level control valve |
| | | 12 | Non-return valve |
| | | 13 | Air reservoir tank |
| | | 14 | Drain valve |
| | | 15 | Air inlet valve |
| | | 16 | Front left level control valve |
| | | 17 | Air chamber on front axle |
| | | 18 | Valve unit cable |
| | | 19 | Air bellows on front axle |
| | | 20 | Anti-dive bar |