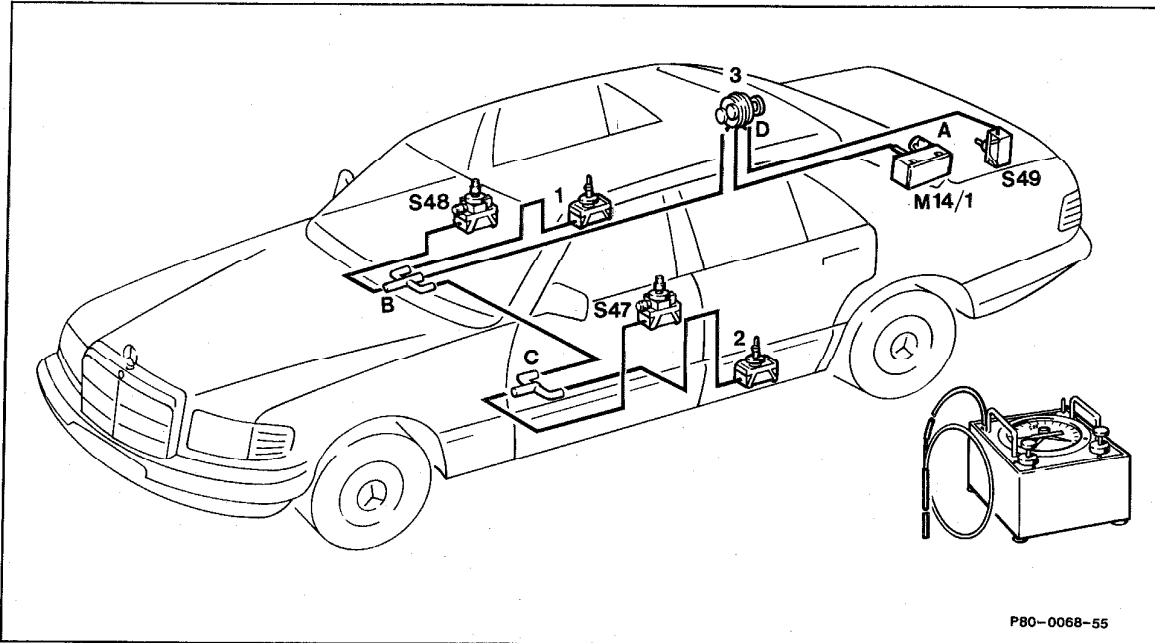


80-120 Checking central locking system for leaks

Preliminary work:

Checking pneumatic function of the supply pump (80-108)



P80-0068-55

P80-0068-55

Connection or distribution fitting	Items to be tested	Subsequential test or remedy for leaks
A	Entire system	Check distribution fitting or connection fitting D for leaks.
B	<p>Pneumatic pipe to the distribution fitting D</p> <p>S48 control and working element driver's door right with connection fitting and pneumatic pipe.</p> <p>Rear door right element 1 with connection fitting and pneumatic pipe (sedan only).</p> <p>Elements and pneumatic pipes in the passenger compartment left.</p>	<p>Repair or replace.</p> <p>Check pipe, connection fitting and element individually for leaks. Repair or replace defective parts.</p> <p>Check pipe, connection fitting and element individually for leaks. Repair or replace defective parts.</p> <p>Check distribution fitting C for leaks.</p>

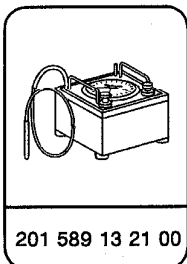
80-120 Checking central locking system for leaks

Connection or distribution fitting	Items to be tested	Subsequential test or remedy for leaks
C	<p>Pneumatic pipe to the distribution fitting B</p> <p>S47 control and working element driver's door left with connection fitting and pneumatic pipe.</p> <p>Left rear door element 2 with connection fitting and pneumatic pipe (sedan only).</p>	<p>Repair or replace.</p> <p>Check pipe, connection fitting and element individually for leaks. Repair or replace defective parts.</p> <p>Check pipe, connection fitting and element individually for leaks. Repair or replace defective parts.</p>
D	<p>Pneumatic pipe to the distribution fitting A</p> <p>S49 control and working element trunk lid with pneumatic pipe and connection fitting.</p> <p>Tank flap element 3.</p> <p>Elements and pneumatic lines in passenger compartment.</p>	<p>Repair or replace.</p> <p>Check pipe, connection fitting and element individually for leaks. Repair or replace defective parts.</p> <p>Replace.</p> <p>Check for leaks at distribution fittings B.</p>

Data

Permissible leakage rate per minute of the entire system and elements at 600 mbar pressure and at 300 mbar vacuum	mbar	30
Permissible leakage rate per minute of individual pipes at 600 mbar pressure	mbar	0
Connection overlap length of the connection and distribution fittings	mm	12 ± 2

Special tool



201 589 13 21 00

80-120 Checking central locking system for leaks

Part required for the test

Part No.

Cap

000 987 11 45

Note

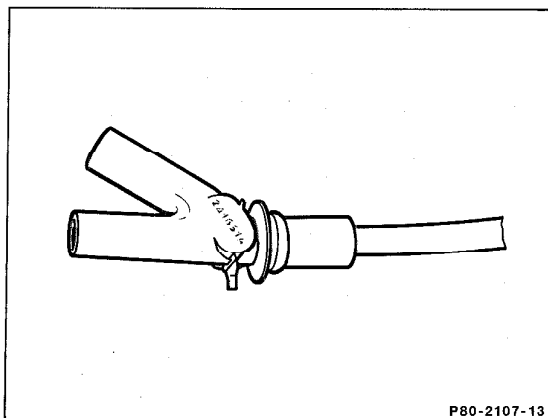
If not all elements work properly although no leaks could be detected, check the pipes, distribution and connection fittings concerned for kinks and free passage.

When conducting the leak test on individual pipes, connect the tester to one end of the pipe and close the other end of the pipe with the cap 000 987 11 45.

The following test can be applied to all points of the above list.

Test preparation

Connect tester for vacuum and pressure systems to distribution fitting or pneumatic pipe.



P80-2107-13

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80-120 Checking central locking system for leaks

Test

