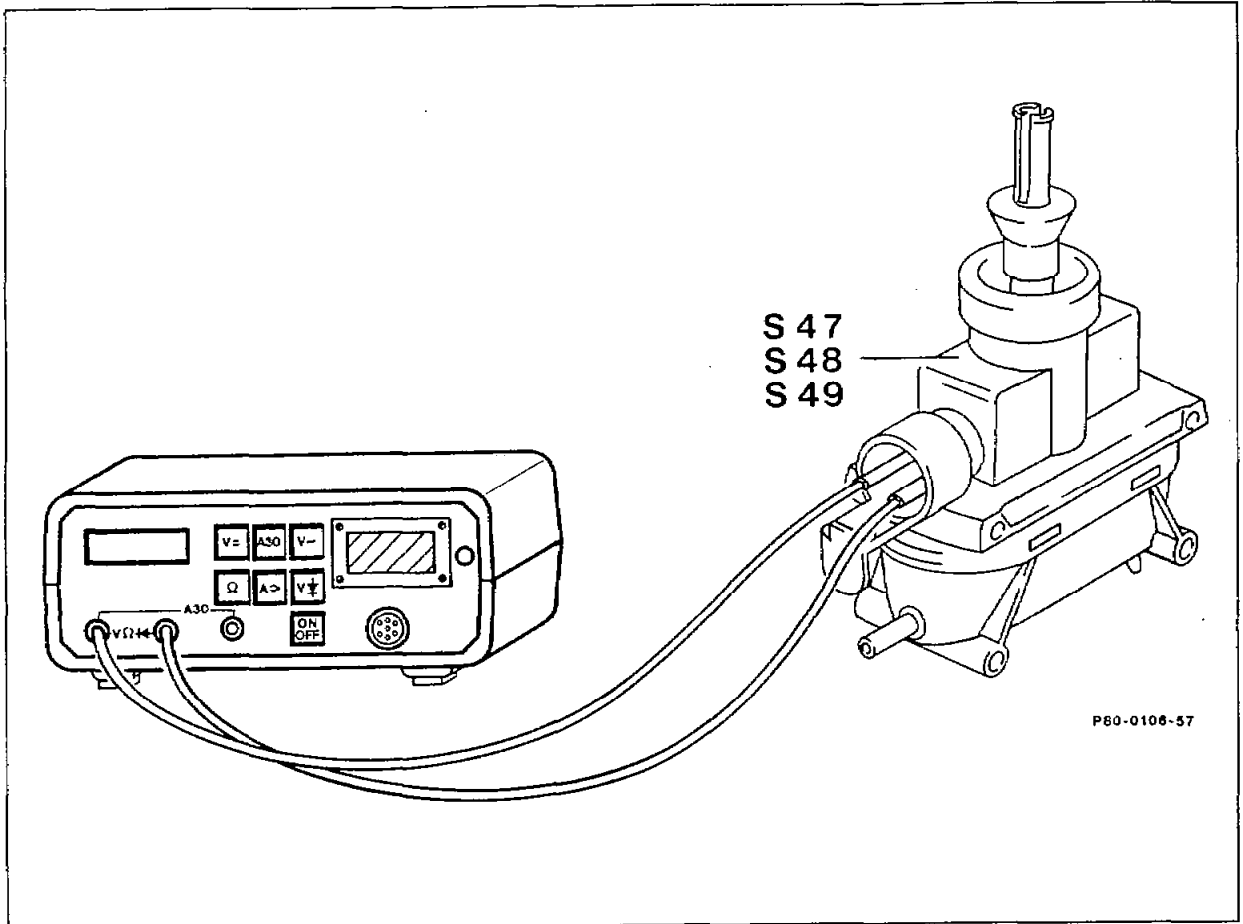


80-112 Checking electrical function of actuator (except vehicles for D as of 03/94 and vehicles with code 885)

Preceding operation: checking electrical function of central locking system (80-104)

Operation no. of operation texts and work units or standard texts and flat rates 80-0300 to 0306



Prepare test	Steps 1 – 3
Closing function of actuator	check
Opening function of actuator	check
Power supply of actuator	check

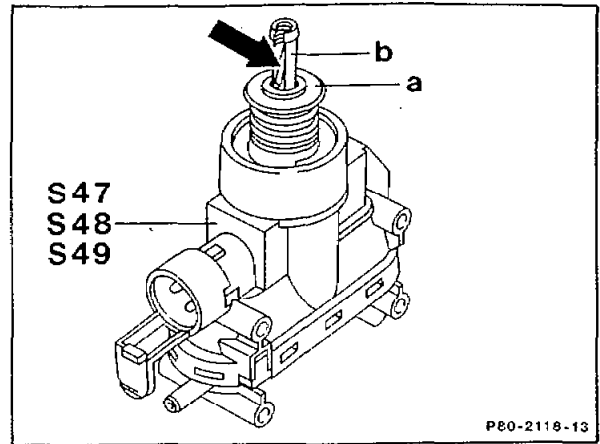
Commercial tester

Digital multimeter

e. g. Sun, DMM-5

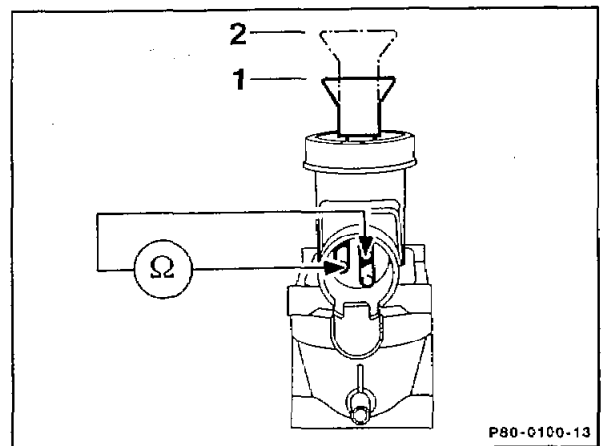
Preparing test

- 1 Remove actuator (80-215).
- 2 Detach electrical harness and pneumatic line.
- 3 Push sliding sleeve (a) over shift rod mounting (b); it may be necessary to push sliding sleeve lock (arrow) to perform the step.



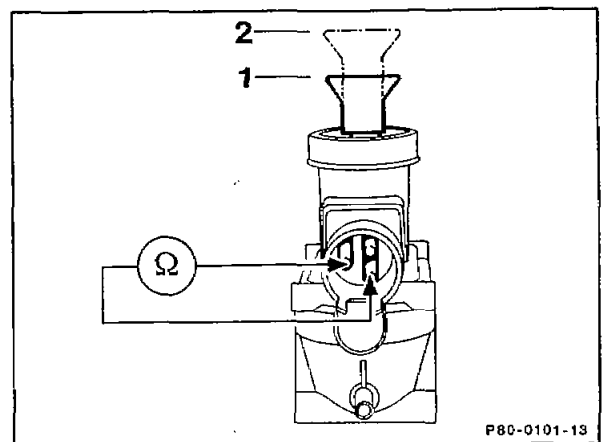
Test

Testing closing function of actuator.	
Connect digital multimeter to element as shown in ill. for testing resistance. Specification in position 1 $\leq 1 \Omega$ Specification in position 2 $= \infty \Omega$	
Both specifications in order	One specification not in order



Renew actuator.

Testing opening function of actuator.	
Connect digital multimeter to actuator as shown in ill. for testing resistance. Specification in position 1 $= \infty \Omega$ Specification in position 2 $\leq 1 \Omega$	
Both specifications in order	One specification not in order



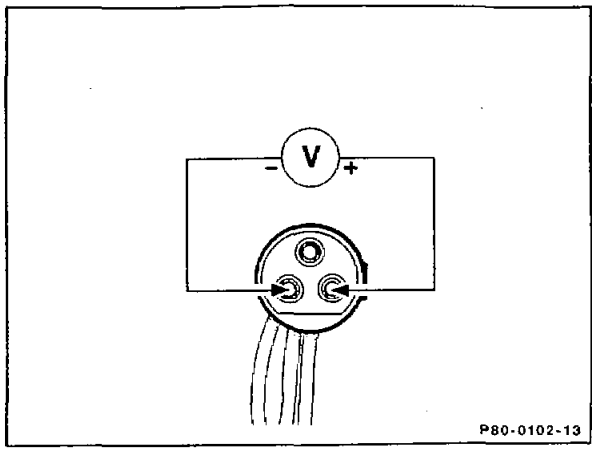
Renew actuator.

Testing power supply of actuator.

Connect digital multimeter to electrical wiring harness as shown in ill.
(key withdrawn from steering lock).

Specification: Battery voltage > 10 V.

Yes	No
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1 Test contacts of connector.
2 Test continuity of cable terminal 30 (rt/sw or rt/ws), ground cable (br/sw or br/ws) warning buzzer contact S8/2 and its ground cable (brown) according to wiring diagram (80-800). Repair or renew cable harness.

1 Test contacts of connectors.
2 Test continuity of control cable (left front door blue, right front door green, trunk lid yellow) according to wiring diagram (80-800).

End of test