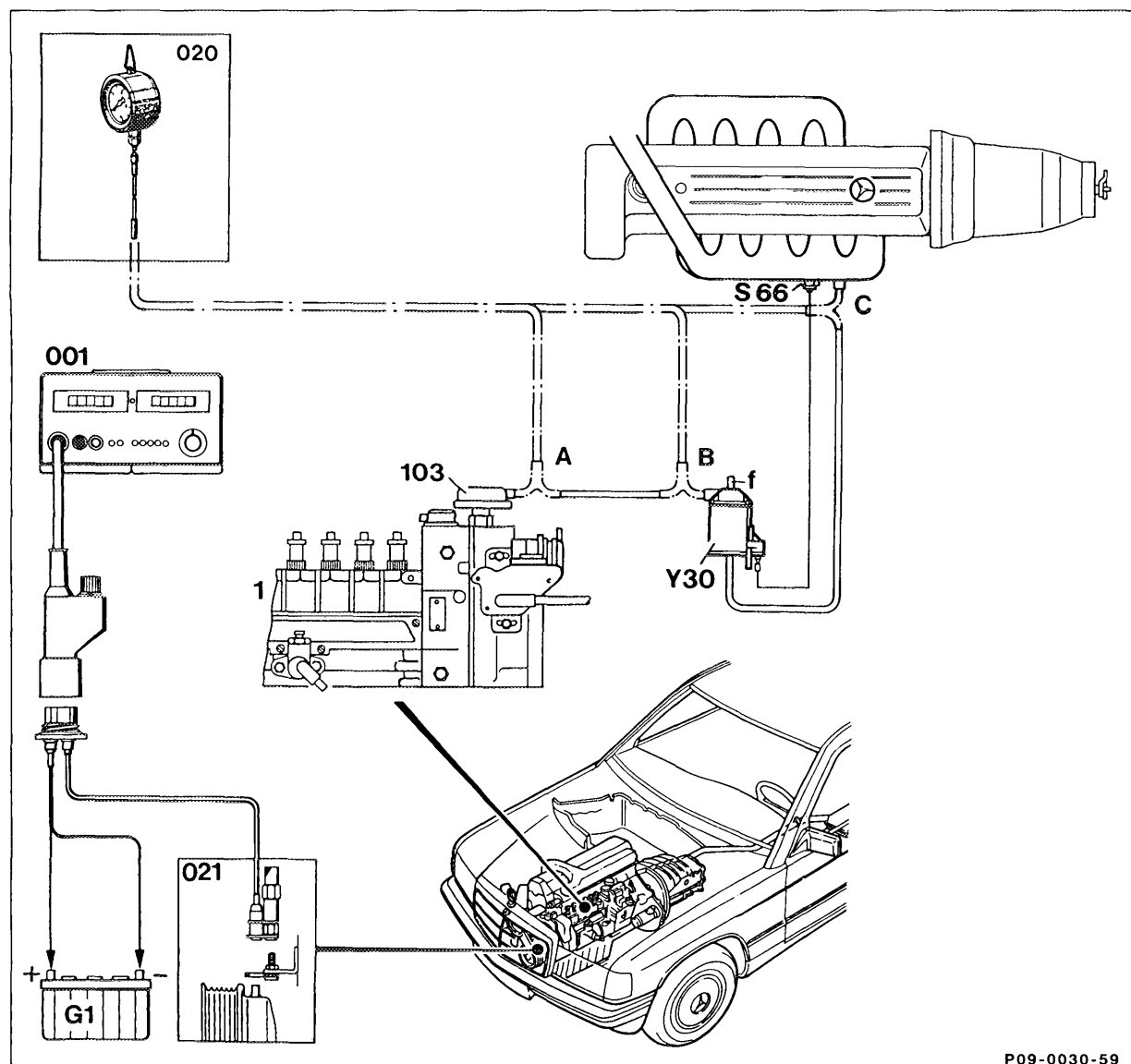


09-100 Testing turbocharger boost pressure



P09-0030-59

Tester (001)	connect, disconnect.
Pulse generator (021)	connect, disconnect.
Tester (020) with Y distributor	connect to measuring point "A" and test boost pressure.
Tester (020) with Y distributor	connect to measuring point "B" and test boost pressure.

Tester (020) with Y distributor connect to measuring point "C" and test boost pressure.
Specification: 0.85-0.95 bar gauge pressure at 4000 rpm full load in drive position "3".

Note

This test can be conducted on the dynamometer or on the road.

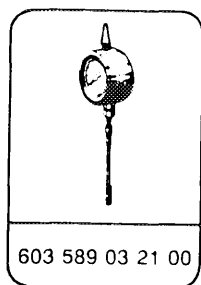
If the specified boost pressure is not reached, perform the following checks:

- Connecting line from boost pressure control valve to compressor housing.
- Switchover valve of engine overload protection (09-250).
- White vacuum line and rubber connections.
- If all components are in working order, replace turbocharger.

Test data

Boost pressure at full load in drive position "3" at n = 4000 rpm	0.85-0.95 bar gauge pressure
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Special tool



Commercial tester

Digital tester (or tachometer installed in car)	e.g. Bosch, MOT 002.01 Sun, DIT 9000 Sun, FMT-1019/Master 3, Sun, MCM-2110, All-Test 3610-MB
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