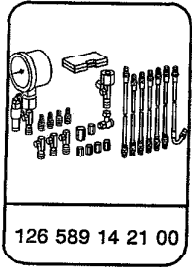


35-517 ASD Testing hydraulic system pressure

Special tool

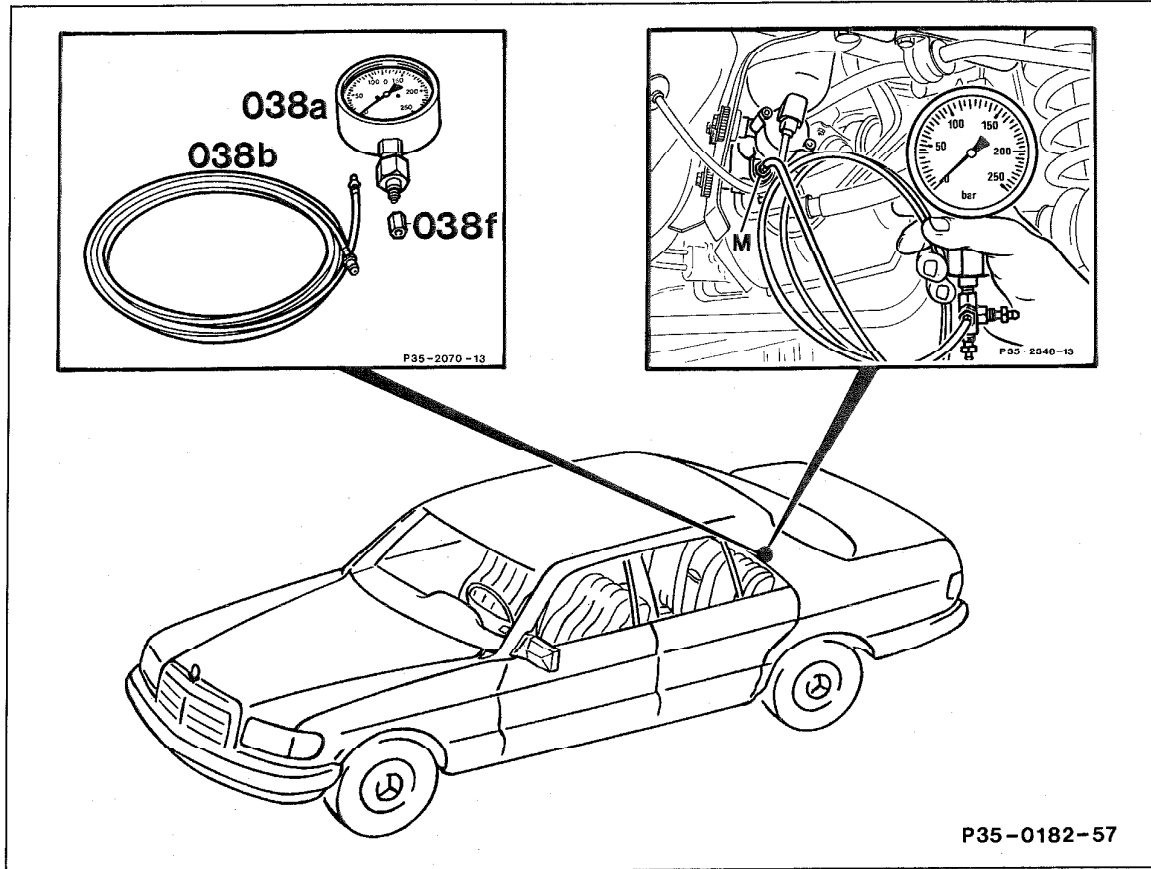


Prerequisites for testing

- Check oil level in oil tank and correct if required.
- Release pressure in pressurized oil system (see 35-511, Release hydraulic pressure).
- Connect test instrument to test connection (M) on hydraulic unit.

35-517 Testing ASD hydraulic system pressure

Connection schematic, pressure gauge



P35-0182-57

Test step 1

Scope of test	Instrument/Test connection	Actuation Prerequisite	Nominal value	Possible cause/remedy
Check gas fill pressure in pressure reservoir	Connect pressure gauge to test connection (M) on reservoir charging valve	Start engine, system not under pressure	Rapid pressure increase up to 22 bar. Slow pressure increase from 22-33 bar.	If pressure increases quickly only up to 10 bar or up to 33 bar, the gas fill pressure of approx. 21 bar is not present. Renew pressure reservoir.

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Test step 2

Scope of test	Instrument/Test connection	Actuation Prerequisite	Nominal value	Possible cause/remedy
Pressure test	Connect pressure gauge	Start engine	27-33 bar	Pressure < 27 bar Check pressure oil pump. (refer to Job No. 32-530, Checking pressure oil pump) Pressure > 38 bar. Renew hydraulic unit.