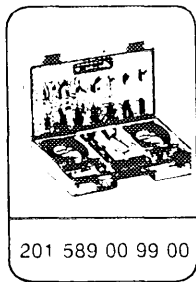


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|-----|---|---|---------------------------------------|
| 1 | Injection pump | a | Boost pressure control valve |
| 103 | ALDA unit | d | Compressor wheel |
| 110 | Exhaust manifold | e | Control line |
| 137 | Turbocharger | f | Air admission |
| 138 | Charge air pipe | i | Turbine wheel |
| S66 | Pressure switch, engine overload protection | A | Compressor inlet (fresh air) |
| Y30 | Switch-over valve, engine overload protection | B | Compressor outlet (precompressed air) |
| | | C | Exhaust gases to turbine wheel |
| | | D | Exhaust outlet |

- 2-pin connector on switchover valve (Y30) detach and briefly energize with voltage. The switchover valve must audibly actuate; replace if necessary.
- 1-pin connector on pressure switch (S66) detach and test for continuity with ohmmeter. The pressure switch (S66) is open in the off position.
- Engine overload protection switch (S66) remove.
 Connect pressure switch to cable of nozzle tester KDJE-P 400.
 Connect ohmmeter to pin of pressure switch and to housing. Build up pressure of 1.1 ± 0.15 bar at nozzle tester; the pressure switch must not have any continuity. Replace pressure switch if necessary.

Special tools



Commercial tester

Digital multimeter	e.g. Sun, DMM 5
Valve tester	e.g. Bosch, KDJE-P 400 (Bosch Order Designation)
Optionally 0-6 bar pressure gauge	e.g. Bosch No. 1687 231 000
Optionally nozzle tester EFEP 60H	e.g. Bosch No. 0684 200 700