

2.7 Manifold absolute pressure (MAP) sensor

Self-diagnosis code: 2222

2.8 Lambda sensor

Self-diagnosis code: 2341, 2342

2.9 Overrun cut-off

- connector terminals 1 and 2 **12** [B].
- Compare resistance indicated with that specified.
- Disconnect each injector valve multi-plug in turn.
- Connect ohmmeter between injector terminals **13**.
- Compare resistance indicated with that specified.

Checking

- MAP sensor is incorporated in ECU.
- Sensor operation can only be checked using VAG 1551 diagnostic unit.

Checking

- Lambda sensor operation can only be checked using VAG 1551 diagnostic unit.

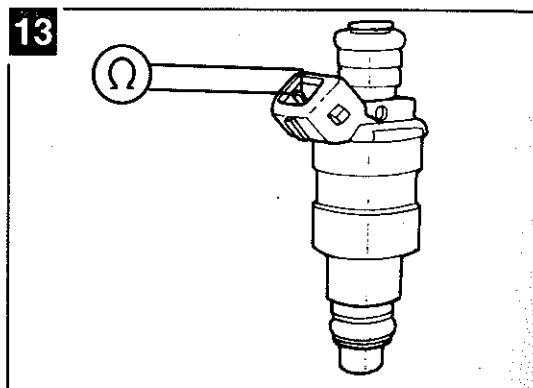
Checking

- Overrun cut-off can only be checked using VAG 1551 diagnostic unit.

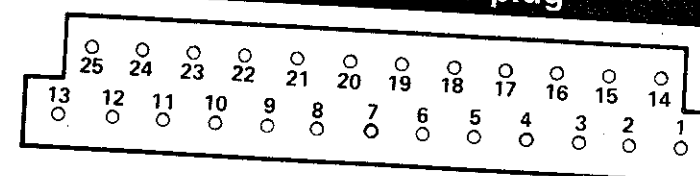
Self-diagnosis

- Digifant system is equipped with Self-diagnosis.
- ECU memory may be accessed to read fault codes - see Self-diagnosis section.
- Diagnostic connectors are located behind flap in glovebox.

13

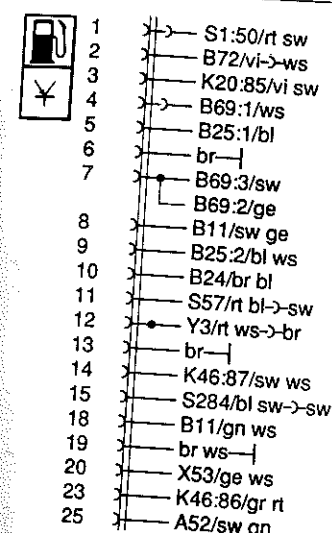


ECU Multi-plug

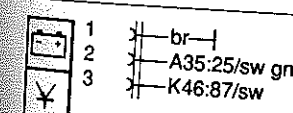


Wiring Diagram

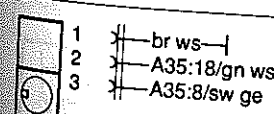
A35 Engine management control unit (ECU)



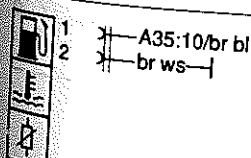
A52 Ignition amplifier



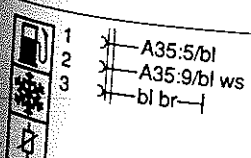
B11 Hall effect pick-up



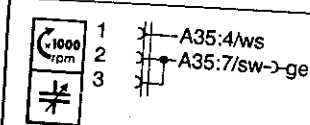
B24 Coolant temperature sensor



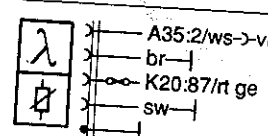
B25 Air temperature sensor



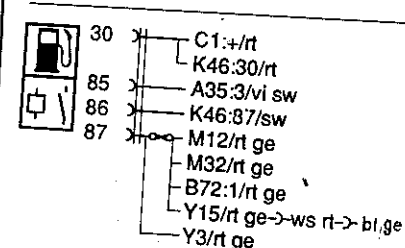
B69 Knock sensor



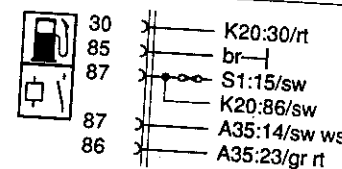
B72 Lambda sensor



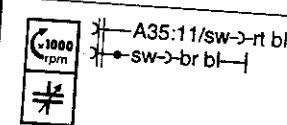
K20 Fuel pump relay



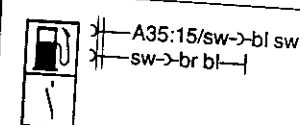
K46 Fuel injection relay



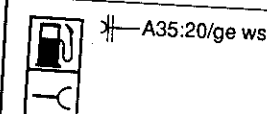
S57 Idle switch



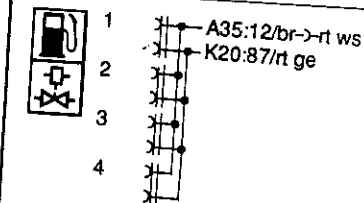
S284 Full throttle switch



X53 Diagnostic socket



Y3 Injector valve



Y15 Auxiliary air valve

