

## Programmed Repairs Engines 602.96, 603.96/97 Combustion

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### 15 Electrical System - Engine (Glow Plug System)

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Complaint:

**Preglow Indicator lamp does not come on and/or comes on briefly when driving**

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Cause

Poor contact in ground connection of preglow time relay and lead to glow plugs.

Note

Replacing the preglow time relay does not provide a remedy.

Remedy

- 1 Test ground connection and lead to the glow plugs for proper contact. If the problem persists:
  - 2 Re-solder contacts of connector at wiring harness for preglow time relay. If the problem persists:
  - 3 Remove glow plugs, replace, install (see RA 15-4111).
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Complaint:

**Engine cannot be started, starter does not crank**

**Models with Immobilizer**

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Cause

- a) Lock system incorrectly operated
- b) Actuation of relay (K38)
- c) Relay (K38) faulty, not operating
- d) Circuit of terminal 50

Remedy

- a) Proceed as stated in Owner Manual
- b) Test actuation of relay (K38) (see "Wiring Diagrams")

Note:

Model 140: On models with PSE or RCL, fuse 16, terminal 15R (F3-16) may be tripped, caused by accessories which have contact in the cigarette lighter.

- c) Relay (K38) make Stribel as of 9.9.94 in order.
  - d) Test circuit of terminal 50 (see "Wiring Diagrams")
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## 30 Accelerator Control

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Complaint:

**Noise from control cable in interior of car**

**Model 124.1**

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Remedy

Install control cable part no. 124 300 09 30 as of production date 02/87 with damper.

Production breakpoint: 02/87

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Complaint:

**Car jerks when cruise control operating**

**Model**

**124.133/193/333/393**

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Cause

Incorrect setting of accelerator control shifts operating point of boost pressure shutoff microswitch.

Remedy

Adjust accelerator control (see RA30-1010, Section B)

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Complaint:

**Accelerator control moves back too slowly from full throttle position**

**Models with automatic transmission**

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Cause

Accelerator control not correctly set.

Remedy

Check accelerator control linkage, adjust if necessary (see RA30-1010).

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**47 Fuel System**

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Complaint:

**Engine misfires around reserve quantity and when cornering**

**Model 124.1/3 sedan,  
201.1**

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Remedy

Install new fuel tank with splash pot, production date as of 01/88.

Production breakpoint

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Model	Vehicle ident. end no.
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124.1/3	A 667677 (January 1988)
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201.1	A 432785 (February 1988) F 415111 (September 1987)
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Complaint:

**Slapping noises**

**Model 124 station wagon**

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Remedy

Install fuel tank with sound-insulating shell. Part no. 124 470 57 01.

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Complaint:

**Slapping/splashing noise when fuel tank full up to 3/4 full**

**Engines 602, 603 in  
Model 124, fuel tank with  
90-liter capacity**

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Cause

Such noises may occur as a result of the increased capacity of the fuel tank.

Remedy

None

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Complaint:

Slapping/splashing noise when fuel tank full up to 3/4 full

Model 140 with Engine  
603 with Code (282a)  
skibag (through-loading  
facility)

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Cause

Shape of top shell for through-loading facility.

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Designation

Part no.

Remedy

Install tank with sound-insulating shell.

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Fuel tank

140 470 22 01/05

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Damage code: 47 001 36

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Complaint:

Loud slapping noises in fuel tank

Engine 602 in Model 201  
as of 1.9.89

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Cause

Fuel tank (plastic version).

Remedy

Remove fuel tank, replace, install (see RA47-4100).

Note

Install sheet steel fuel tank.

Damage code: 47 001 36

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Complaint:

Smell of fuel in trunk

Engine 602 in Model 201  
as of 1.9.89

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Cause

Fuel tank (plastic version).

Remedy

Remove fuel tank, replace, install (see RA47-4100).

Note

Install sheet steel fuel tank.

Damage code: 47 001 65

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## 49 Exhaust System

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Complaint:

**Rattling noise from corrugated coil hose of front exhaust system when cold up to coolant temperature of about 60 °C**

**Engines 602.96, 603.96 in Model 124  
Engine 602.96 in Model 201 with Code (620a) models with catalytic converter**

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### Cause

Coiled hose.

### Remedy

Install modified coiled hose (production date as of 12/92, recognizable from rear ring of coiled hose). Remove front exhaust pipe with coiled hose for this purpose, install (see RA 49-7000).

### Note

The noise is not harmful and does not cause any consequential damage. Replace coiled hose only if noise unacceptable.

Damage code: 14 332 36, 49 012 36