

## 47-710 Removal and installation of immersion tube transmitter

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### Tightening torque

Nm

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Immersion tube transmitter

35-43

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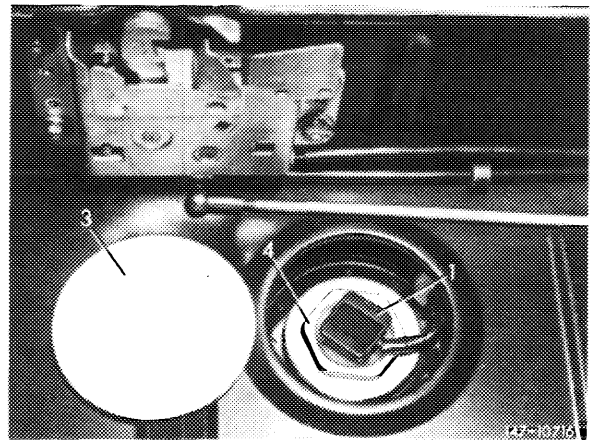
### Removal

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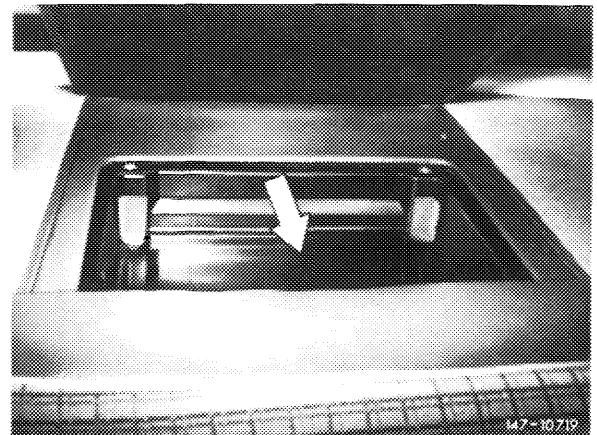
#### Model 107, 116, 123 sedan and coupe

- 1 Remove hard top on 107.04, open top lock and unfold top.
- 2 Remove closing cover (3).

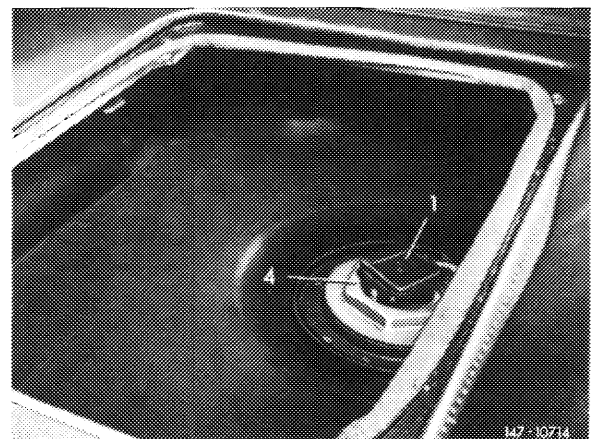
Model 107.04



- 3 Remove first aid kit and plastic tray (arrow) on models 107.02, 116 and 123.

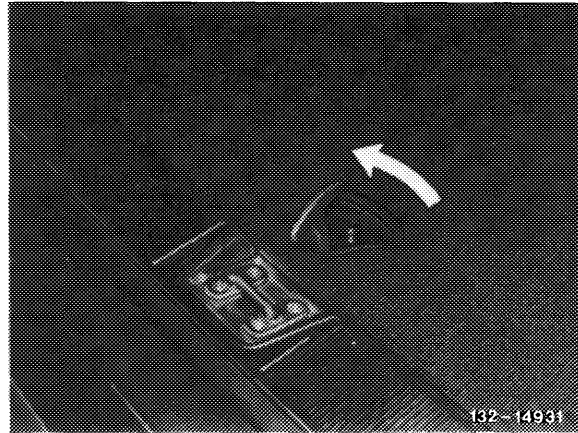


- 4 Pull off coupling (1) on immersion tube transmitter (4) and secure with a wire against slipping off.
- 5 Unscrew immersion tube transmitter.

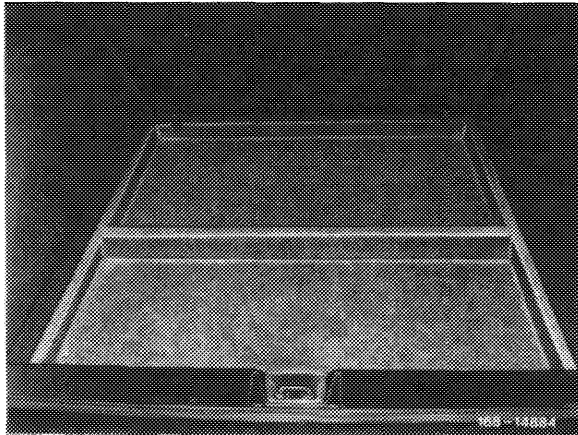


### Model 123 T-sedan

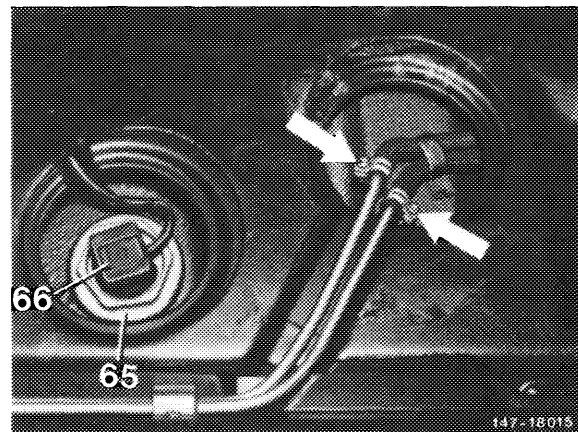
1 Loosen luggage compartment floor by turning toggle lock and remove.



2 Remove storage compartment.



3 Pull off coupling (66) for fuel gage and unscrew immersion tube transmitter (65).



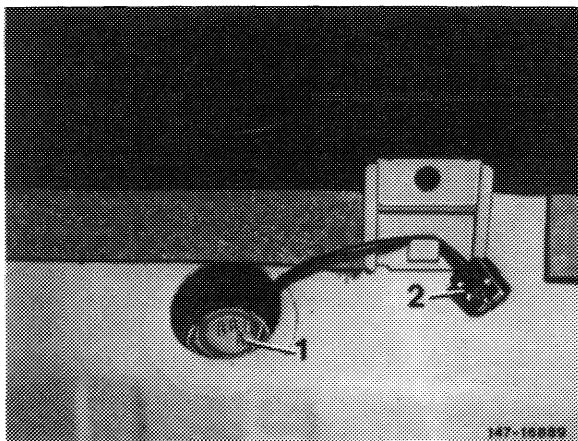
### Model 126

1 Remove rear seat bench and backrest (refer to body).

2 Remove closing cover.

3 Pull off coupling (66) and protect against slipping off.

4 Unscrew immersion tube transmitter (65).



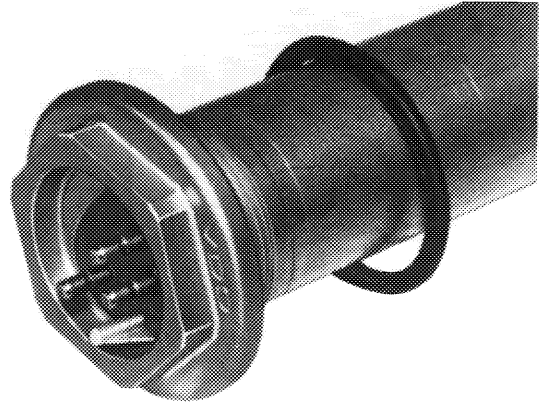
## Installation

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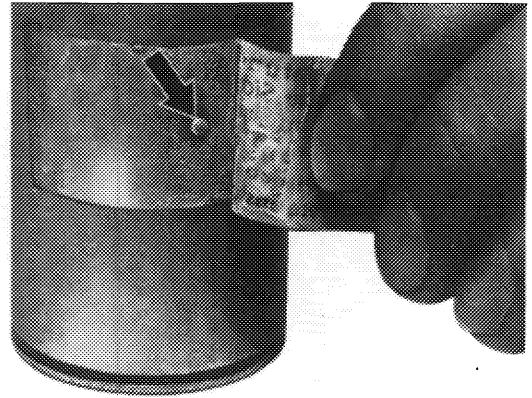
### All models

4 For installation proceed vice versa as follows:

- a) Use new rubber sealing ring.
- b) Remove locking pin (arrow) prior to installing immersion tube transmitter.
- c) Check function of fuel gage.
- d) Tighten immersion tube transmitter to 35–43 Nm.
- e) Plug on coupling for fuel gage.
- f) Check for leaks.



147-10810



107-10702

### A. Model 114

#### Removal

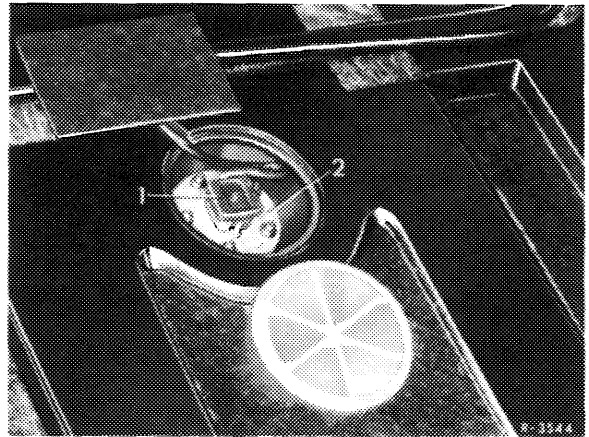
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- 1 Take rubber mat from trunk and remove closing cover from floor of trunk.
- 2 Pull plug (1) from immersion tube transmitter (2).
- 3 Unscrew fastening nuts and pull out immersion tube transmitter.
- 4 Remove gasket from fuel tank, making sure that no remains of gasket are dropping into tank.

#### Installation

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- 5 For installation proceed vice versa as follows:
  - a) Use new gasket.
  - b) Tighten fastening nuts crosswise to 3.5–4 Nm (35–40 kpcm).
  - c) Check function of fuel gauge.

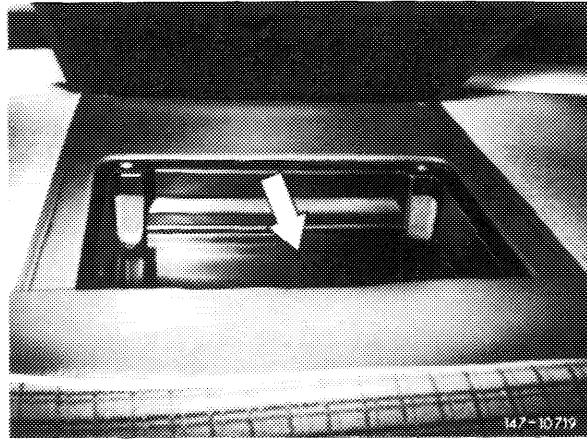


## B. Model 116

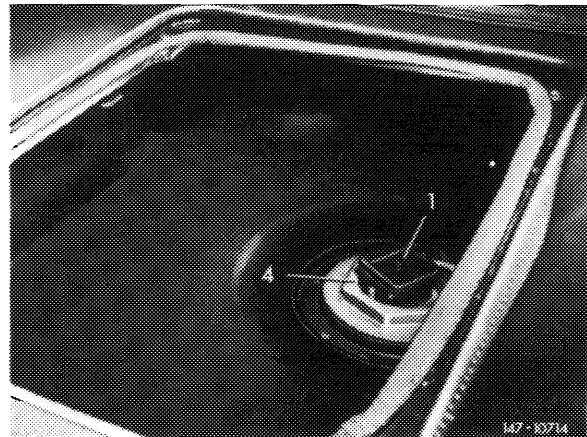
Tightening torques	Nm	(kpm)
Hex. closing plug for immersion tube transmitter or screw-type immersion tube transmitter	19–27	(1.9–2.7)

### Removal

1 Remove first aid kit and first aid kit holding tray (arrow).



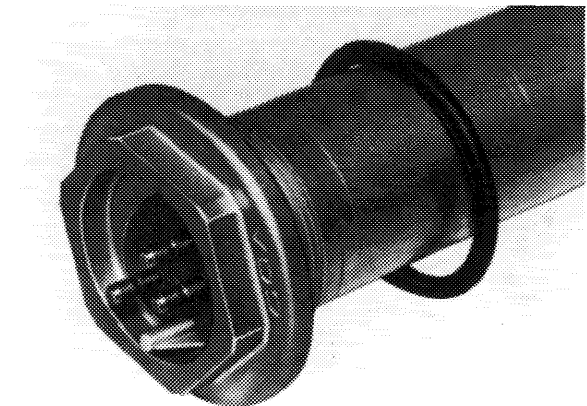
2 Pull plug (1) for fuel gauge from immersion tube transmitter and protect with a wire against slipping off.



3 Unscrew hex. closing plug (4) and remove immersion tube transmitter.

Immersion tube transmitter version 1

Immersion tube transmitter of the latest version are directly screwed into fuel tank.



Immersion tube transmitter version 2

## Installation

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4 For installation proceed vice versa as follows:

a) There are two different immersion tube transmitter versions for model 116 available from spare parts stockroom. During replacement, make sure to install like for like.

b) Use new rubber sealing ring.

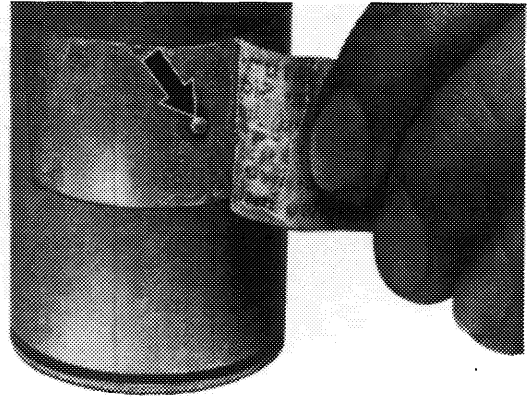
c) Prior to installing immersion tube transmitter, remove locking pin (arrow).

d) Install immersion tube transmitter in such a manner that the locking cam engages in recess of fuel tank or that brass locating pin for electric plug points in driving direction to the rear.

The above is not necessary on immersion tube transmitters of the latest version.

**Note:** If an immersion tube transmitter with locking cams is installed in a fuel tank without recess, remove locking cam.

e) Check function of fuel gauge.



107-10702