Workshop Manual

Audi A3 1997 ➤ , Audi A4 1995 ➤ , Audi A4 2001 ➤ , Audi A4 Cabriolet 2003 ➤ , Audi A6 1998 ➤ , Audi TT 1999 ➤

Removing and installing air mass meter									
Engine ID	AGU	AQA	ARZ	AMU	ARX	ARY	AUQ	BAM	AJQ
	APP	AEB	AJL	ANB	APU	ARK	AWT	AMB	BEX
	BFB	AVJ	ATW	AWM	APP	BEA	ATC	AWP	AMU
	APX	BFV	BHE	BPF	BVP	BVR			

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List of Workshop Manual Repair Groups

Repair Group

24 - Mixture preparation - injection

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Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.

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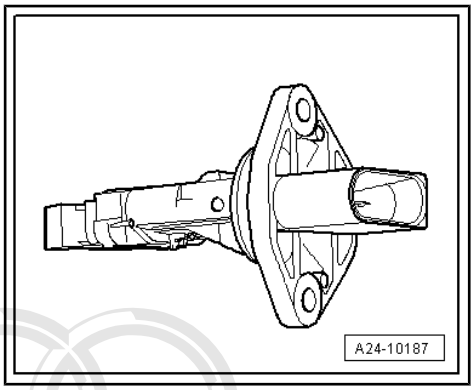
24 – Mixture preparation - injection

1 Removing and installing air mass meter -G70-

Note

- *Please refer to ⇒ Parts catalogue to check whether air mass meter -G70- without housing -as in illustration- is available as replacement part:*
- *Removing and installing replacement part for air mass meter -G70- without housing ⇒ page 1*
- *Removing and installing replacement part for air mass meter -G70- with housing ⇒ page 1*



1.1 Removing air mass meter -G70- (without housing)

– Switch off ignition.
– Unplug electrical connector at air mass meter -G70- .
– Unscrew both bolts from air mass meter -G70- .
– Carefully pull air mass meter -G70- out of guide in air mass meter housing.
– Refer to instructions for installing air mass meter -G70- ⇒ page 1 .

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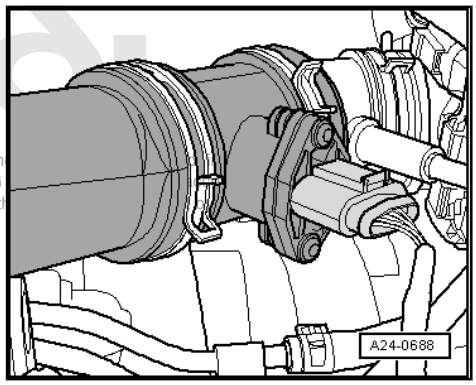
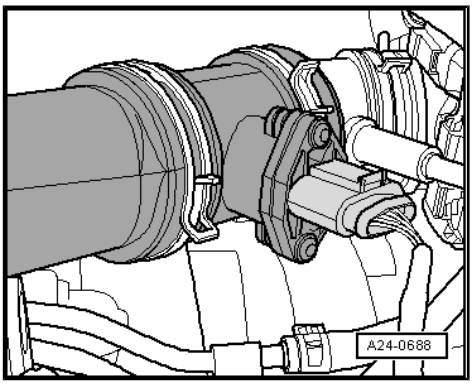


1.2 Removing air mass meter -G70- (with housing)

– Switch off ignition.
– Unplug electrical connector at air mass meter -G70- .
– Release hose clips and and detach air intake from air mass meter -G70- . Take out air mass meter -G70- .
– Refer to instructions for installing air mass meter -G70- ⇒ page 1 .



1.3 Installing air mass meter -G70-

To ensure the proper function of the air mass meter -G70- it is important to observe the following notes and instructions.

Note

- *If the air filter element is very dirty or wet, dirt or water could reach the air mass meter -G70- and affect the air mass value. This would lead to loss of power, since a smaller injection quantity is calculated.*
- *Always use genuine part for air filter element.*
- *Use a silicone-free lubricant when installing the intake hose.*
- *Secure all hose connections with the correct type of hose clips (same as original equipment): ⇒ Parts catalogue*

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– Check for salt residue, dirt and leaves in air mass meter and air intake hose (engine intake side).
– Check for dirt in air duct leading to air filter element. If necessary, clean salt residue, dirt and leaves out of air cleaner housing (top and bottom sections); wash out or use a vacuum cleaner as required.
– If air cleaner element has been removed, blow out water drain in bottom section of air cleaner with compressed air.
– If only the air mass meter (without housing) has been renewed separately, tighten bolts to specified torque.

- Tightening torque: 4 Nm

The remaining installation steps are carried out in the reverse sequence.