

# Repair instructions

Check/adjust gear shifting

Gearbox 0A4

AUDI; A3 (8P1); 1.6 TDI; kW: 77

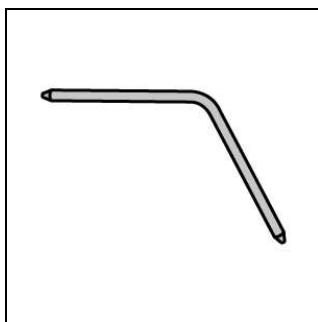
## **Note(s)**

**Shift actuator must run smoothly.**

**Lever and actuating elements must be in perfect condition.**

**Gearbox must be in idle position.**

## **Required special tools**



Fastening tool  
OE (T10027)

## **Required Labour Times**

### **Scheduled times**

Adjust gear shifting.	0,7 h
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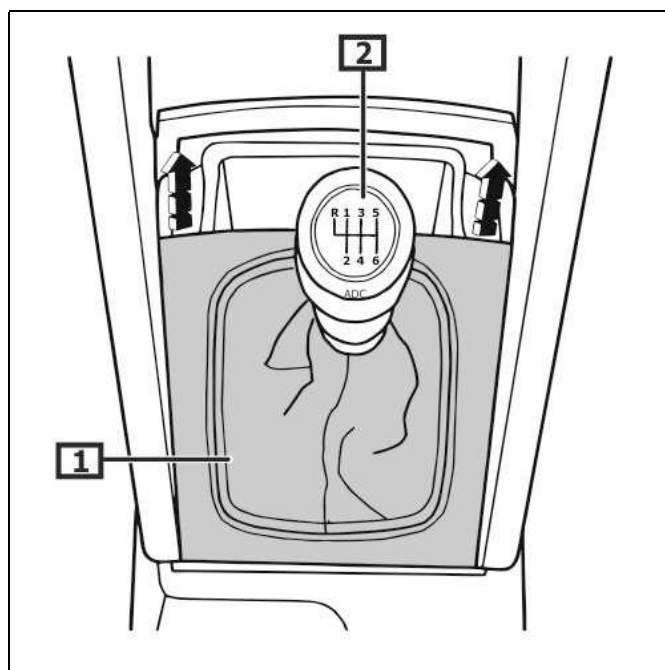
Open the ashtray.

Carefully remove gearshift lever cover(s) using a lever and place over gearshift knob. **(1) (2)**

**(Arrows)**

**(see figure 1)**

**Figure 1**



1 Gearshift lever cover(s)

2 Gearshift knob

Press gearshift lever in idle into the 1./2. gear gate to the left.

Lock shift lever and housing using the special tool.

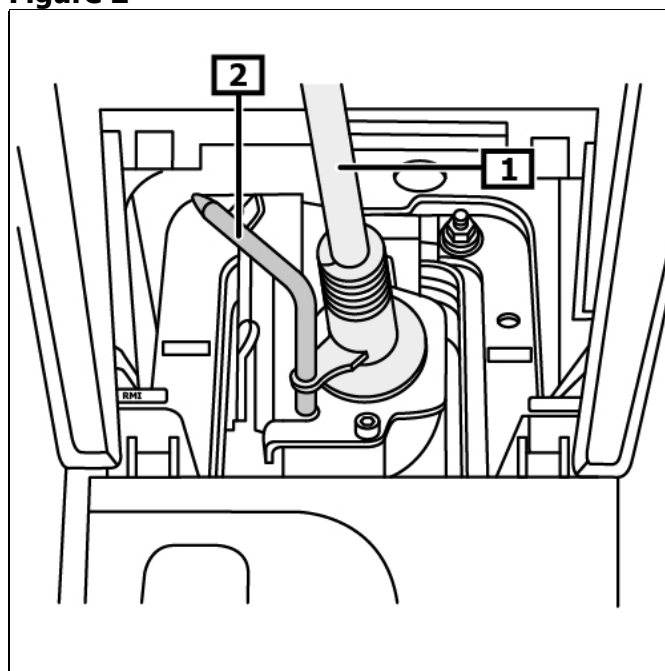
**(1) (2) (without removing the sound insulation)**

Fastening tool **OE (T10027)**

**(see figure 2)**

Remove the engine cover.

**Figure 2**



1 Gearshift lever

2 Fastening tool

Disconnect air mass meter electric plug connection(s). **(1)**

Remove clamp(s). **(2)**

Remove air intake hose from air filter housing. **(3)**

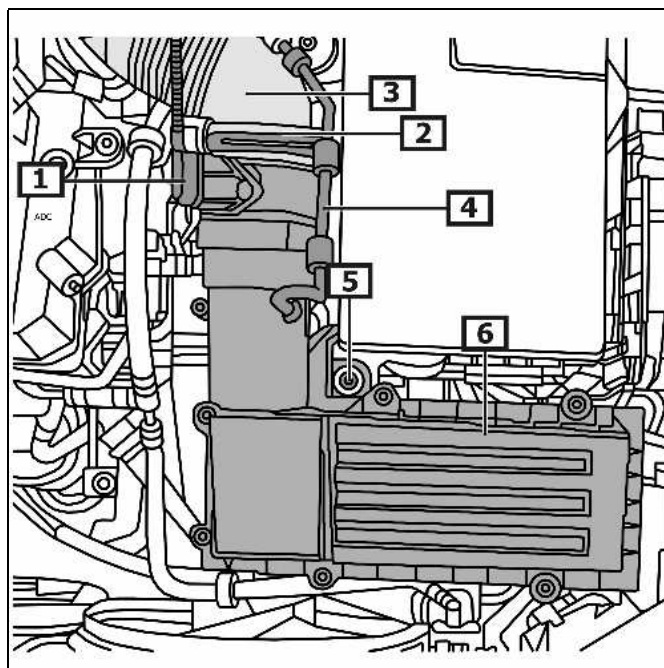
Remove breather. **(4)**

**Figure 3**

Remove screw(s). **(5)**

Remove air filter housing. **(6)**

**(see figure 3)**



1 Electrical connection(s)

2 Clamp(s)

3 Air intake hose

4 Breather hose

5 Screw(s)

6 Air filter housing

Press guide sleeve(s) forward as far as they will go. **(2)**

**(in the direction of the arrow)**

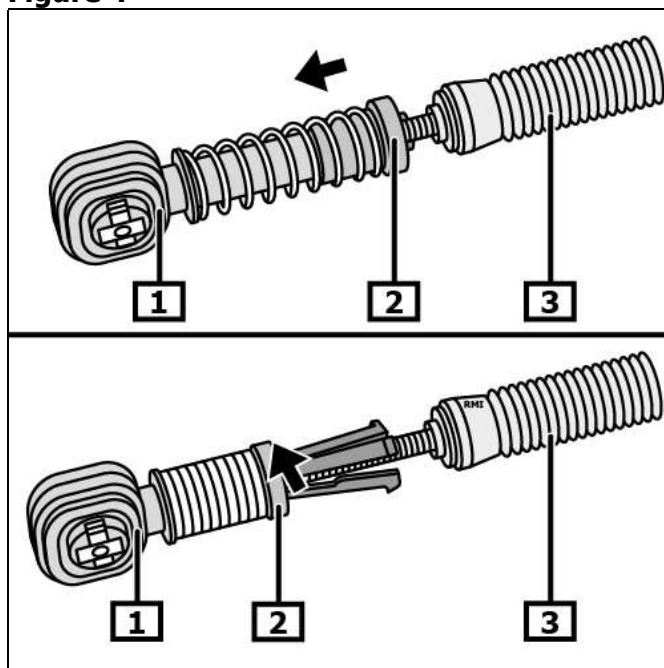
Press guide sleeve(s) to the right as far as they will go and have them engage. **(2) (in the direction of the arrow)**

**Shift cables must be able to move in the cable locking device.**

**(see figure 4)**

Gearbox in idle position.

**Figure 4**



1 Cable locking device

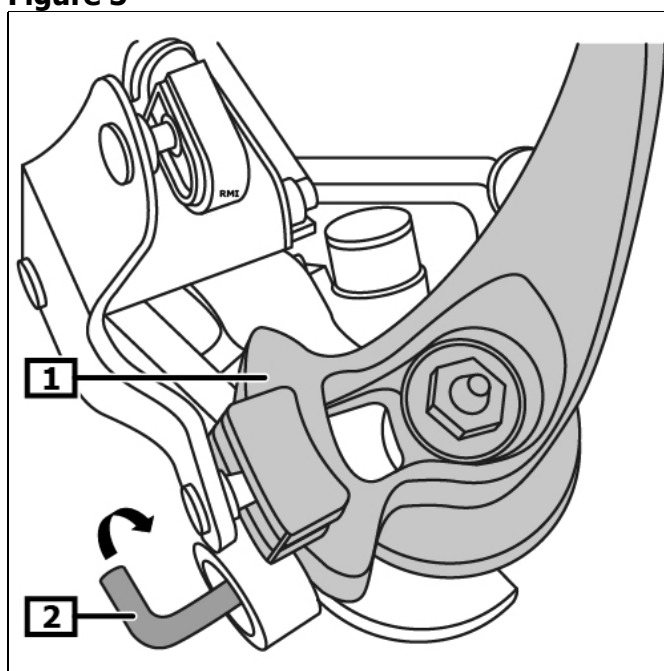
2 Guide bushing(s)

3 Selector cables

Press gearshift lever downward and snap in the retention pin. **(1) (2)**  
**(see figure 5)**

Disconnect guide bushes and let them slide back to the stop. **(2)**  
**(see figure 4)**

Turn the fixing tool back into the starting position.  
**(opposite to the direction of the arrow)**  
Remove fixing device. **(2)**  
**(see figure 2)**

**Figure 5****1 Gearshift lever****2 Retention pin**

**In idle, gearshift lever must be in the 3./4. gear gate.**

Apply clutch pedal.

Shift through all the gears several times.

Reversing lock: check

**If the shifting is not smooth, proceed as follows.**

Engage 1. gear.

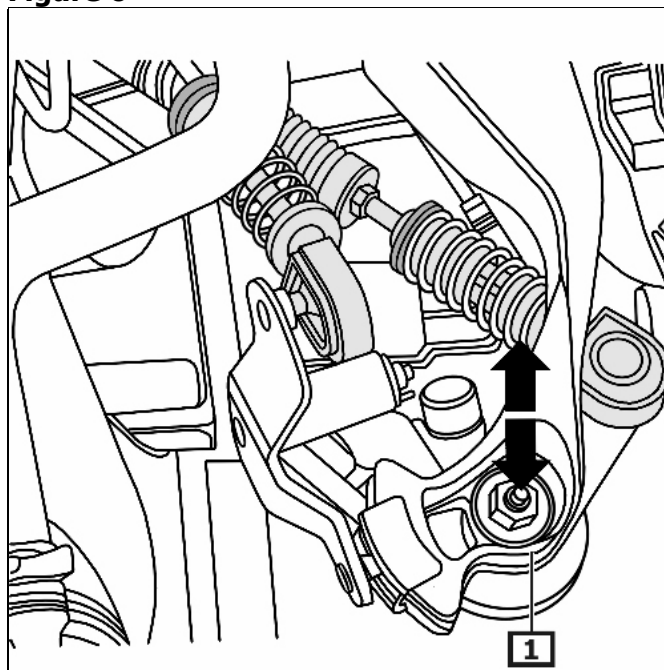
Push the shift lever to the left as far as the stop, and release again.

The gearbox shift lever must move downwards. **(1 mm) (in the direction of the arrow)**

**Second fitter required.**

**(see figure 6)**

**Check gear/gear shifting for correct functioning and repeat calibration procedure, if required.**

**Figure 6****1 Retention pin****2 Gearshift lever**

Continue assembly in reverse order of removal.

Repair/maintenance work have to be carried out by a specialist who has completed his training in the motor vehicle trade (e.g. car mechanic, car

electrician, car mechatronics specialist). Alternatively, the repair can also be performed by a trained and experienced mechanic.

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