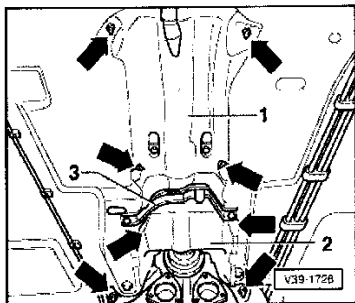


- -> Drive new shaft seal -arrow- into housing onto stop with press piece VW 423.

2 - Adjusting and checking selector mechanism

2.1 - Adjusting and checking selector mechanism

- Gearbox in neutral.

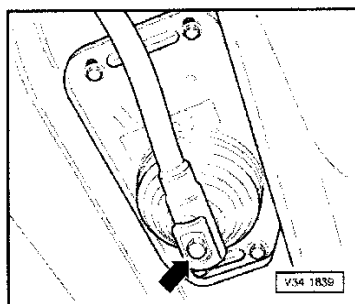


Adjusting gear stick

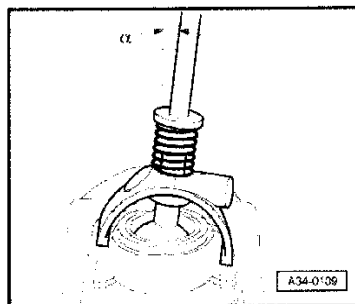
- Remove exhaust system parts behind catalytic converters

=> Avant RS2; Repair group 26; Removing and installing parts of exhaust system

- -> Remove heat shield -2- -arrows-.
- Remove gear stick knob and gear stick cover.



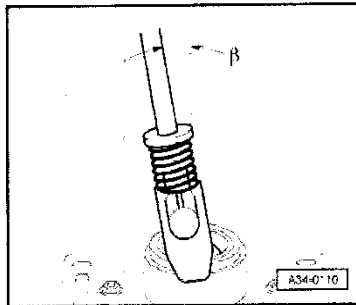
- -> Slacken securing bolt -arrow- for selector rod.



- Adjust gear stick as follows:
 - -> Gear stick at an angle of 5° to the right (angled)

Note:

The illustration shows the gear stick from behind (looking towards the front of the vehicle).



- -> Gear stick at an angle of 7° to the rear (angle β)

Note:

The illustration shows the gear stick from the right.

- Hold gear stick in this position (second mechanic required).
- Tighten selector rod bolt below vehicle to 23 Nm.

Note:

The gear stick must remain in the same position while the bolt is being tightened.

2.2 - Checking gear stick setting

- Check operation of 1st and 2nd gear stop.
- Engage 2nd gear and push gear stick to the left against the stop.
- Reduce pressure on gear stick until it moves back to pressure point.
 - Spring-back measured at gear stick knob: 3 ... 5 mm
- Check that all gears can be engaged.
- Check operation of reverse gear lock.
 - It must be possible to move the gear stick, without pushing and without force, forwards from the reverse gear lock to the 3rd/4th gear plane
- If the gear stick setting is incorrect it can be adjusted as follows:
 - Slacken bolts for ball housing.
 - With gear stick pressed downwards, move it to the left as far as the reverse gear stop in the gearbox, and hold it in this position.
 - Push the ball housing to the right against the gear stick.
 - Hold gear stick in this position and tighten ball housing bolts.
 - Install gear stick cover and knob.
 - Align exhaust system free of stress

=> Avant RS2; Repair group 26; Aligning exhaust system free of stress