

Volkswagen > B5 Platform > 1998 - 2005
6-Speed Manual Transmission 01E All Wheel Drive
34 - Selector mechanism, servicing

Selector mechanism, adjusting

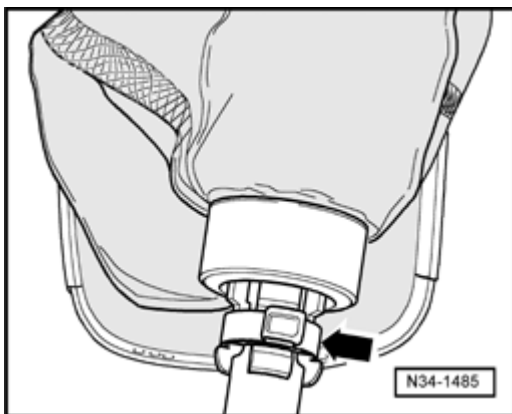
Note:

- ♦ *The following points are essential to ensure correct selector adjustment:*
- ♦ *Operating and transfer elements of selector mechanism must be in proper condition.*
- ♦ *Selector mechanism must move freely.*
- ♦ *The transmission, clutch and clutch mechanism must also be in proper condition.*
- ♦ Transmission in neutral position.
- Carefully pry cover off from center console.

Vehicles up to October 00

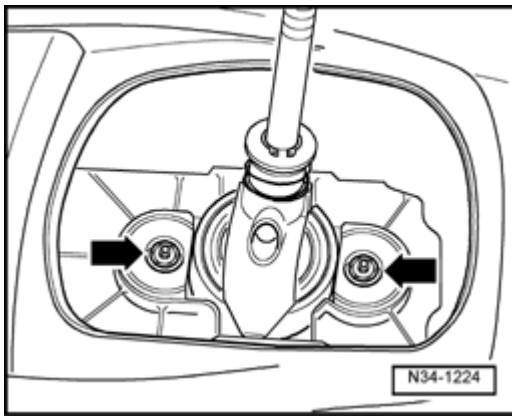
- Remove shift knob with cover.

Vehicles as of November 00

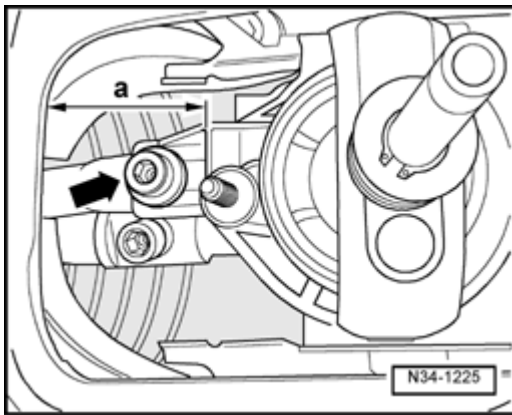


- Break clamp - **arrow** - and pull shift knob off with cover.

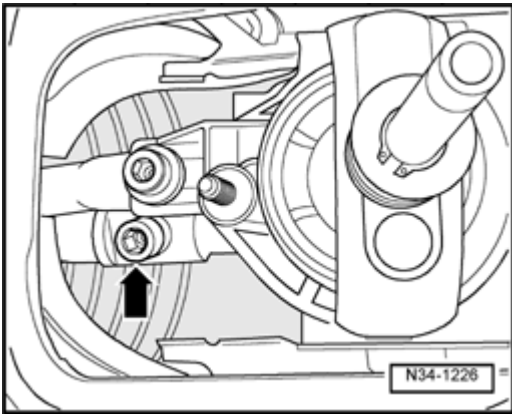
Continued for all vehicles



- The selector housing cover must be unbolted - **arrows** - .
- Measure distance between body and selector mechanism.

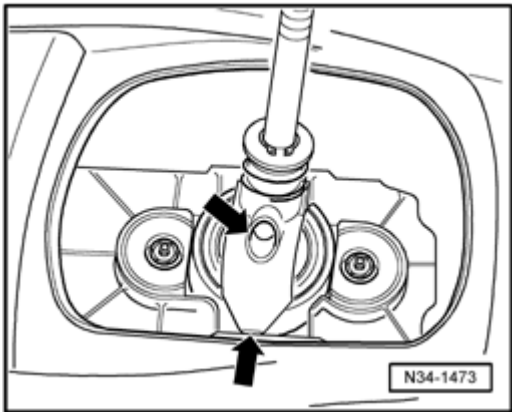


- ♦ The distance - **a** - must be 43 mm.
- If this is not the case, adjust distance - **a** - as follows:
- Loosen bolt - **arrow** - for push rod.
- ♦ The connection of push rod to selector mechanism must move freely.
- Set to dimension - **a** - by moving selector mechanism.
- Tighten bolt - **arrow** - for push rod to torque specification .

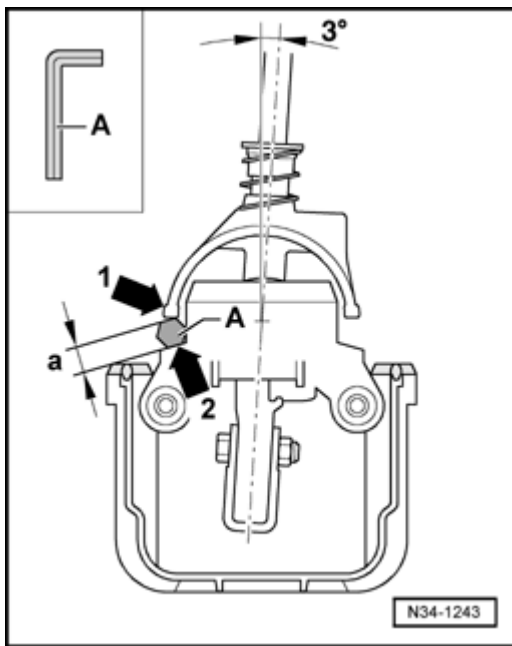


– Loosen bolt - **arrow** - for selector rod.

♦ The connection of selector rod to selector mechanism must move freely.

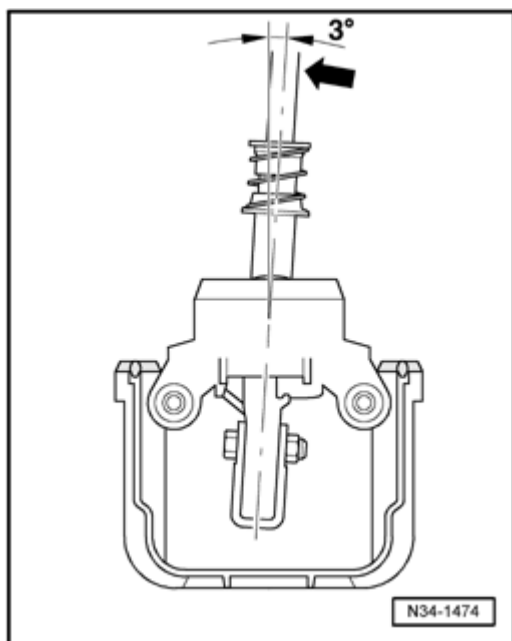


Selector mechanisms with stop pins on ball stop and mounting for spring - arrows



- ♦ Insert 14 mm hex key - **A** - between left stop pin - **arrow 1** - (in direction of travel) of ball stop and sloped surface along side of ball stop - **arrow 2** - and hold.
- ♦ Key must have contact along entire length of slope - **arrow 2** - .
- Adjust shift lever so that it tilts slightly toward rear.

Selector mechanisms without stop pins on ball stop



- Align shift lever so that in driving direction it tilts slightly to right - **arrow** - and slightly to rear.

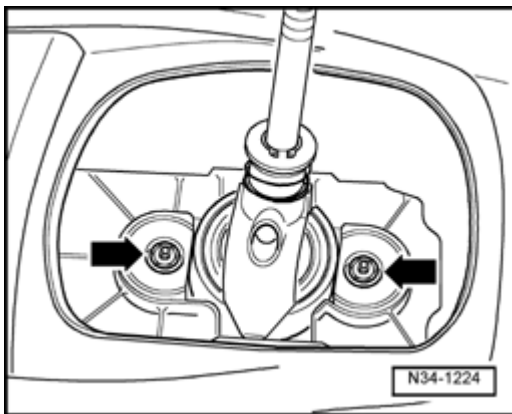
Continued for all selector mechanisms

- Tighten bolt for selector rod to torque specification .
- Position of shift lever must not be changed during procedure.

Function

- ♦ The shift lever must rest in 3rd/4th gear gate when transmission is in neutral.
- Actuate clutch.
- Select all gears several times. Pay particular attention to the operation of reverse gear lock.
- ♦ The shift lever must move from reverse gear gate into 3rd/4th gear gate on its own.

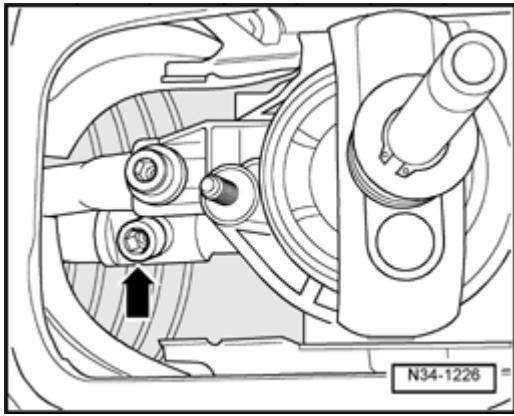
If hooking occurs during repeated selection of a gear, the fine adjustment must be performed



- Install cover for selector housing and tighten to torque specification .
- Install covers and shift knob.

Fine adjustment

- Select 1st gear
- Check play of shift lever to left and to right
- ♦ The play must be the same dimension to both sides.



- If necessary, correct position of shift lever, by loosening bolt - **arrow** - .
- When shift lever is located in correct position, tighten bolt - **arrow** - again to torque specification .