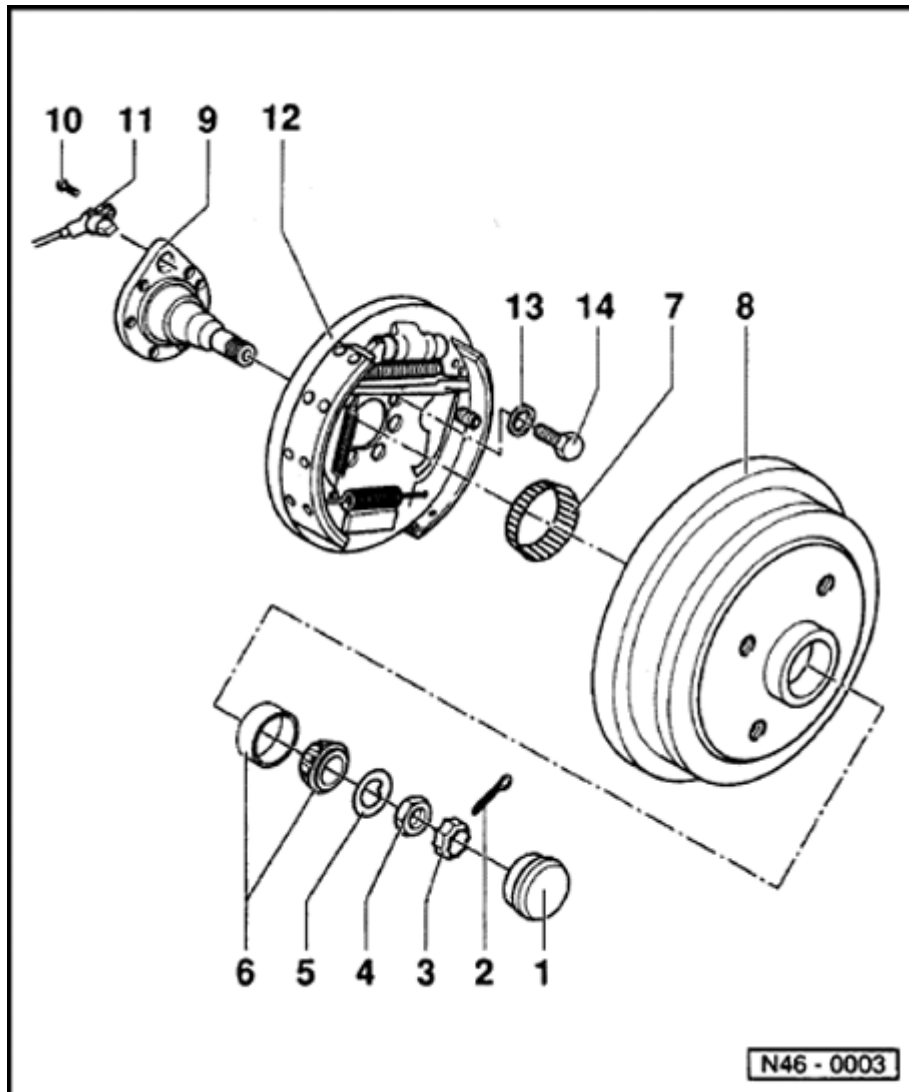


Rear brake - drum brake, servicing

Rear brake, removing and installing



- Grease cap
 - Removing and installing ⇒
[42-3, Pressing off grease cap](#)
- Pin
 - Replace
- Castle nut
- Hex nut

- Adjusting wheel bearing play
⇒ [42-3, Adjusting wheel bearing play](#)
- **Thrust pad**
- **Outer wheel bearing**
- **Rotor**
 - Only on vehicles with ABS

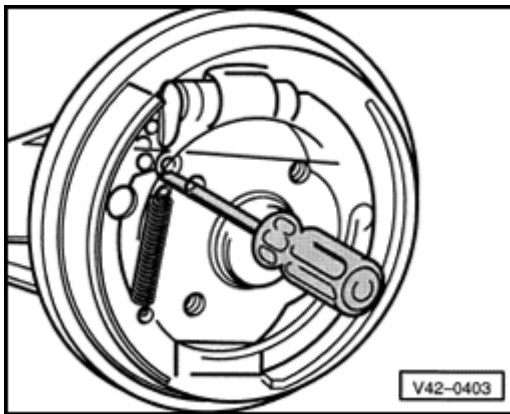
- **Brake drum**

Front Wheel Drive (FWD) vehicles

- Drum brake diameter 230 mm
- Wear limit: 231.5 mm
- Clean thoroughly, check for wear, damage, dimension, damaged thread for wheel bolts and proper brake surface
- Fill hub with multi-purpose grease
- Check imbalance ⇒ *Troubleshooting; suspension no. 15*
- **Stub axle**
- **Hex socket head bolt, 10 Nm**
- **Wheel speed sensor**
 - Only on vehicles with ABS
 - Insert with solid lubricant G 000 650
- **Brake carrier with brake shoes**
 - Set back before removing brake drum ⇒ [46-2, Brake, resetting](#)

- **Dished washer**
 - Large contact surface points toward brake carrier
- **Hex bolt, 60 Nm**

Brake, resetting

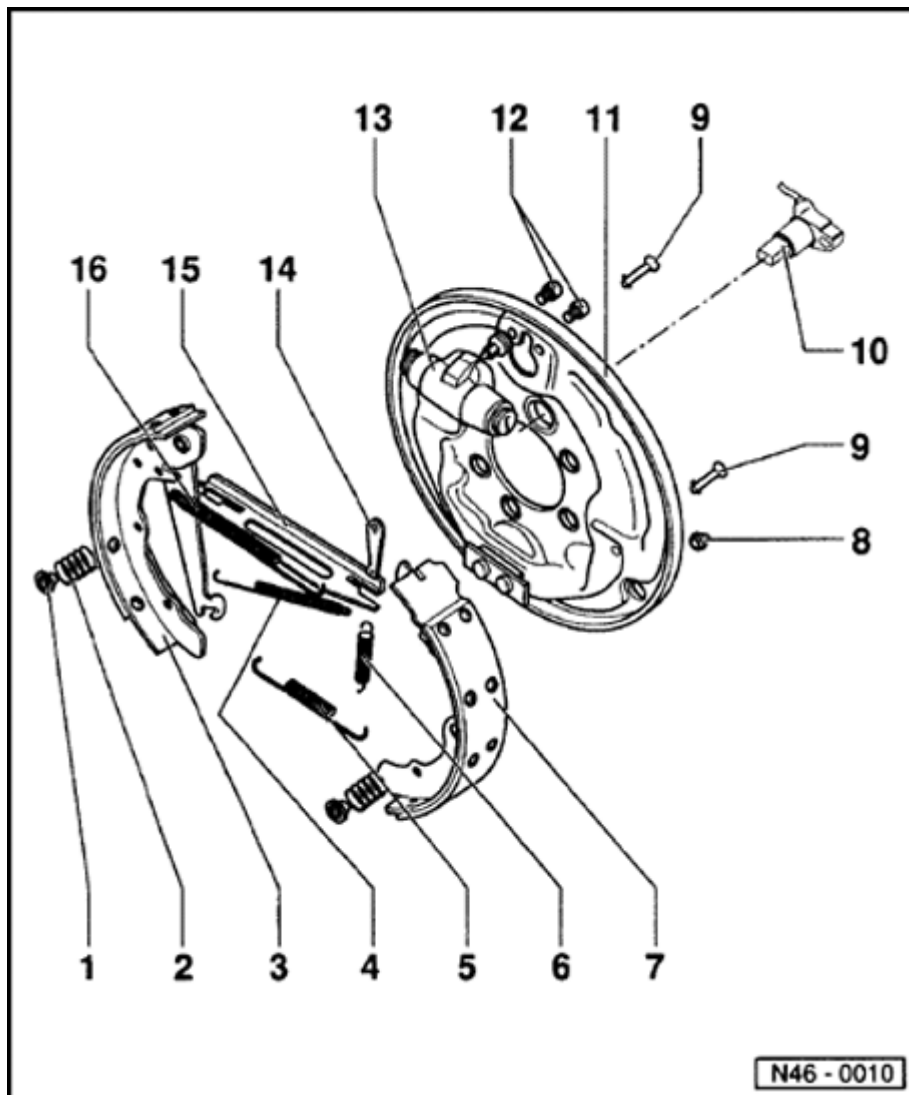


- To do this, press wedge upward through a hole in brake drum using a screwdriver.

Rear brake, servicing

Note :

- *After repair work on the rear brake:*
- *Release parking brake.*
- *Operate brake pedal once forcefully.*



- Spring plate

- Press against compression spring and twist 90 °

- **Compression spring**

- Brake shoe with parking brake lever

- Removing and installing ⇒ 46-2, Brake shoes, removing and installing
- Adjusting parking brake ⇒ 46-2, Parking brake - drum brake, adjusting

- Upper return spring

- Disengage using spring

pliers

- **Lower return spring**

- Grease contact areas with solid lubricant G 000 650

- **Tension spring**

- **Brake shoes**

- Removing and installing ⇒ [46-2, Brake shoes, removing and installing](#)
- Minimum pad thickness 2.5 mm
- Checking thickness
⇒ ⇒ [Repair Manual, Maintenance](#)

- **Sealing cap**

- Remove to check brake pad thickness

- **Spring dowel sleeve**

- **Wheel speed sensor**

- Only on vehicles with ABS

- **Brake carrier**

- **Hex socket head bolt, 10 Nm**

- **Wheel brake cylinder**

- Checking proper seal ⇒ [46-2, Check wheel brake cylinder for proper seal](#)

- **Wedge**

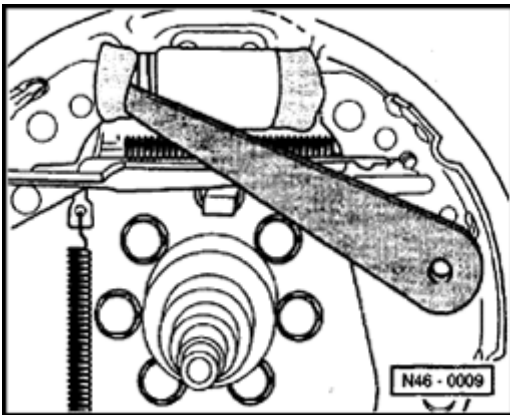
- Press upward through bore for wheel bolts to remove and install brake drum ⇒ [46-2, Brake, resetting](#)

- **Pressure rod**

- Grease contact areas with solid lubricant G 000 650

- **Contact spring**

- Disengage using spring pliers



Check wheel brake cylinder for proper seal

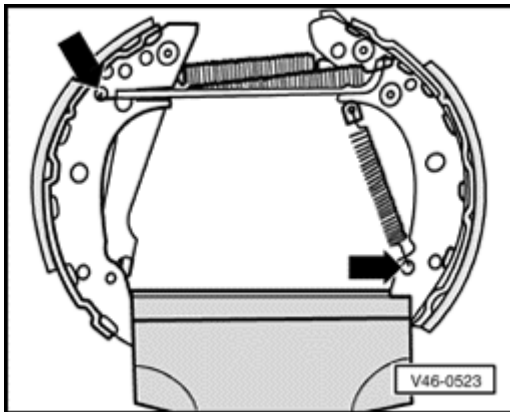
- Lift dust boot.
- If there is brake fluid in the dust boot, replace wheel brake cylinder.

When lifting dust boot, make sure that dust boot will not be damaged (blunt objects only, e.g. plastic wedge).

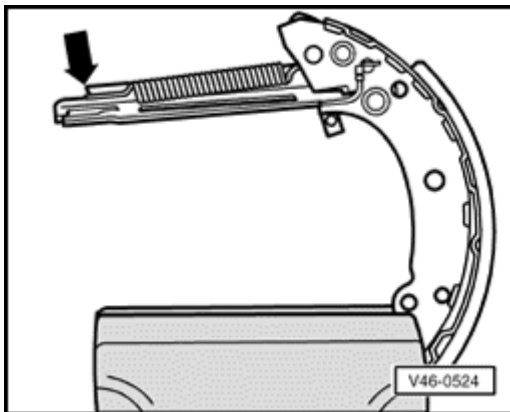
Brake shoes, removing and installing

Removing

- Remove brake drum.
- Remove spring plate.
- Disengage lower return spring.
- Remove brake shoes.
- Disengage parking brake cable.
- Clamp brake shoes into vise.

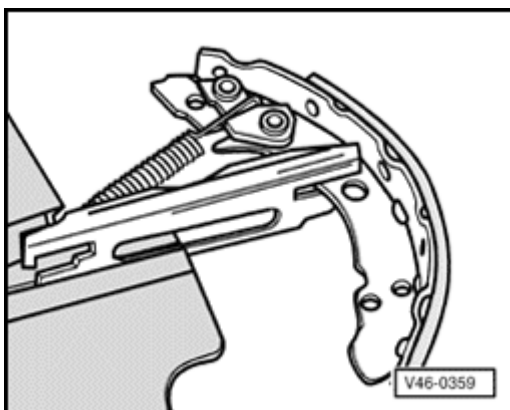


- Remove tension spring for wedge - **arrow** - .
- Remove upper return spring - **arrow** - .

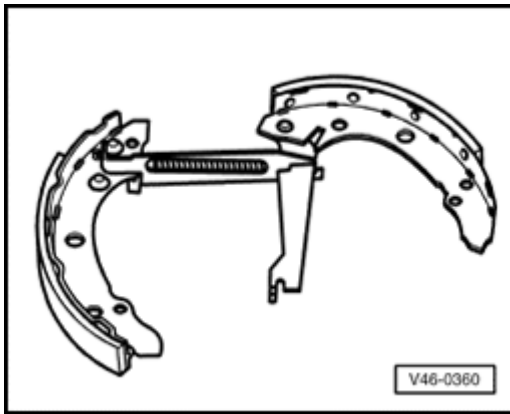


- Disengage contact spring - **arrow** - .

Installing



- Engage contact spring and install brake shoe on pressure rod.
- Insert wedge.



- Install brake shoe with brake lever in pressure rod.
- Engage upper return spring.
- Engage parking brake cable in brake lever.
- Install brake shoes on wheel brake cylinder pistons.
- Install lower return spring and raise brake shoe onto lower support.
- Engage tension spring for wedge.
- Install compression spring with spring plate.
- Install brake drum and adjust wheel bearing play.
Adjusting wheel bearing play ⇒ [42-3, Adjusting wheel bearing play](#)
- Operate foot brake once forcefully in order to adjust rear brake.

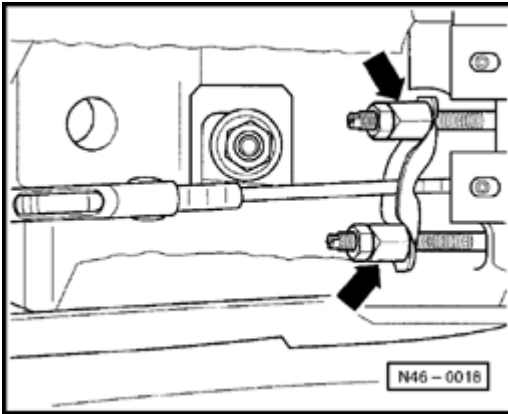
Parking brake - drum brake, adjusting

Note:

- *Because the rear brakes have an automatic adjustment function, readjusting the parking brake is usually not necessary. Re-adjust only when replacing parking brake cables, brake carriers or after replacing brake pads.*

- Release parking brake.
- Operate brake pedal forcefully.
- Engage parking brake 4 teeth.

Note:



- To adjust adjustment nut - **arrows** - , remove handle and center console ⇒ [46-4, Remove handle](#) .

- Tighten adjustment nuts - **arrows** - enough until both wheels can only be moved with difficulty by hand.
- Disengage parking brake and check whether wheels move freely.