Brake Fluid Level, Checking

Note

Use only new Original VW / Audi brake fluid, see ETKA.

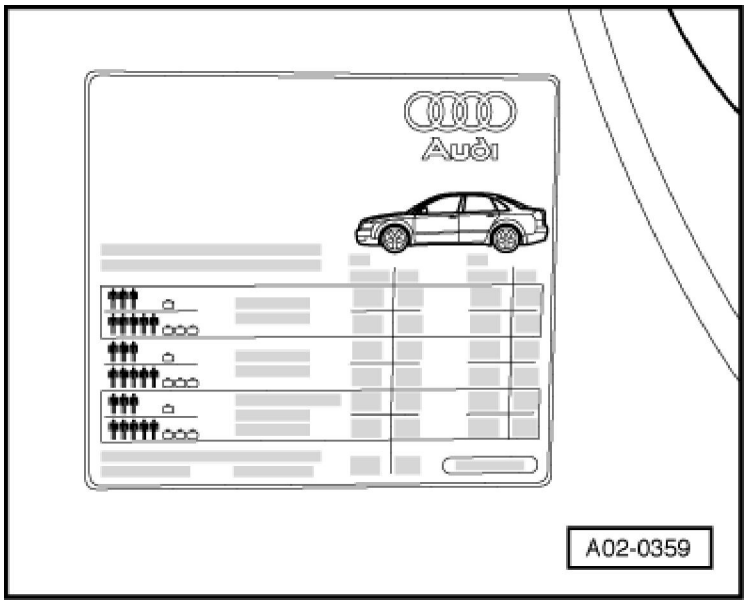
WARNING

- ***Brake fluid is poisonous. Also, do not let brake fluid come into contact with paintwork.***
- ***Brake fluid is hygroscopic, meaning that it absorbs moisture from the surrounding air, and must therefore always be stored in air-tight containers.***

– Please observe the following:

Delivery Inspection

- Fluid level must be at MAX mark



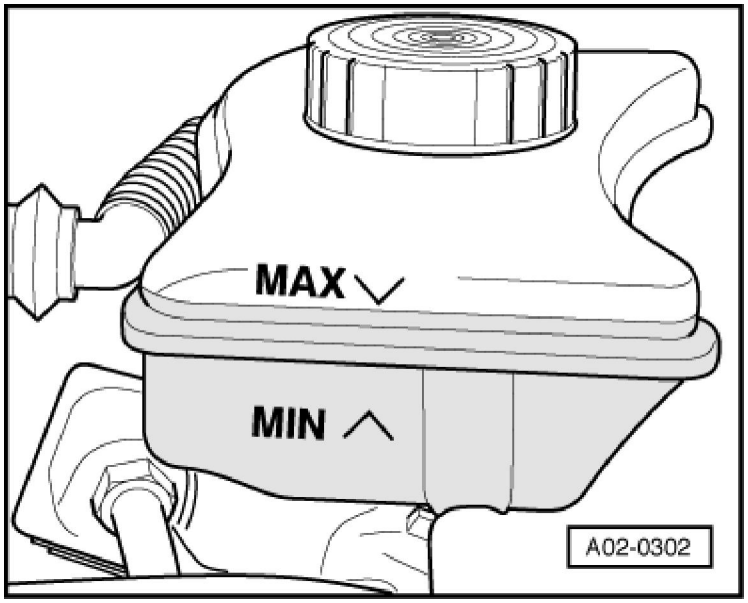
Note

To prevent the brake fluid from overflowing from the reservoir, the level must not be over the MAX mark.

Inspection Service

When driving, fluid level drops slightly from use and automatic brake pad adjustment.

– Always check fluid level in conjunction with brake pad wear:

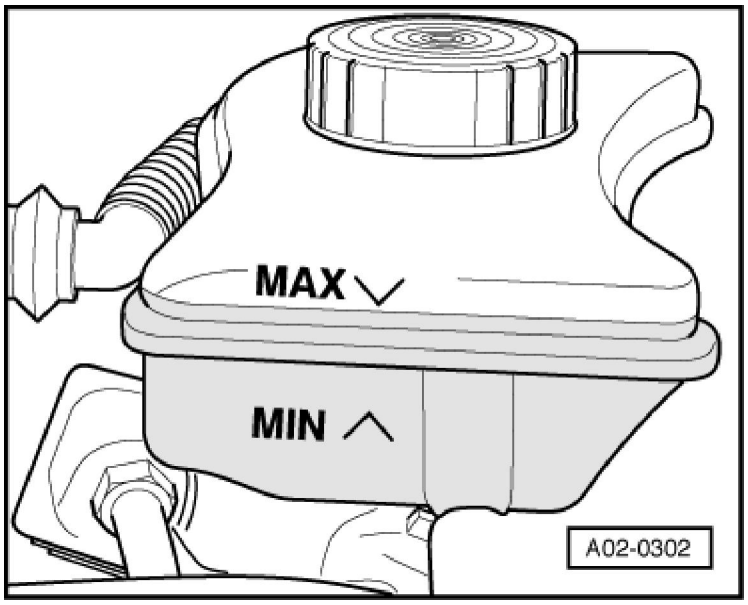


- When brake pads are new or if there is still enough brake lining left, the brake fluid level must be between MIN and MAX marks.
- With brake fluid at MIN mark or slightly above, topping off brake fluid is not necessary when wear limit of brake pads has been almost reached.

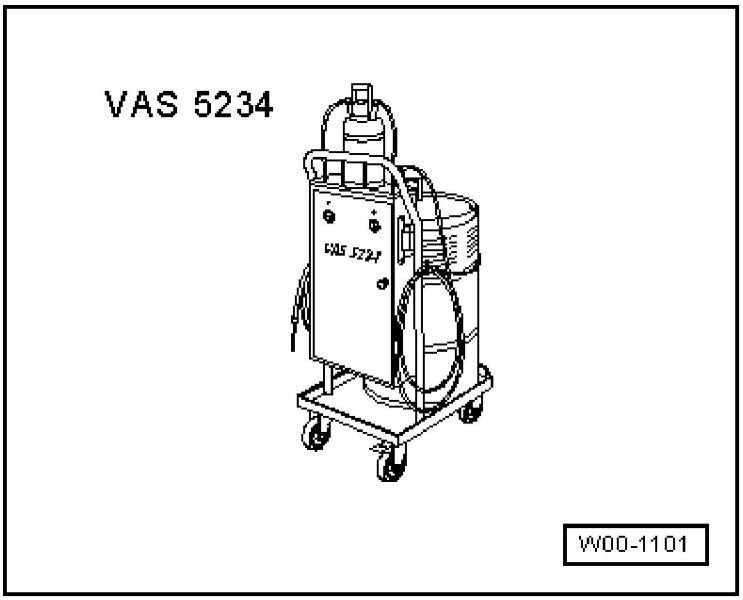
WARNING

If brake fluid level is below MIN mark, check brake system (repair procedure), before adding brake fluid.

Brake Fluid, Changing



- -VAS 5234- Brake filling and bleeding tool



- -V.A.G 1869- Brake filling and bleeding tool with Adapter set -V.A.G 1869/4-

Note

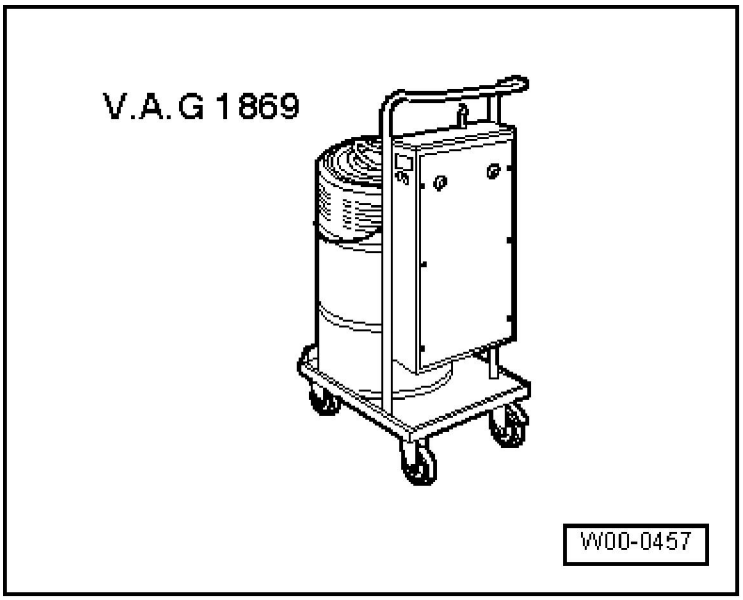
Use only new Original VW / Audi brake fluid, see ETKA.

WARNING

- ***Brake fluid must never come into contact with fluids containing mineral oils (oil, gas, cleaning solutions). Oils containing minerals damage seals and sleeves on brake systems.***
- ***Brake fluid is poisonous. Also, do not let brake fluid come into contact with paintwork.***

- ***Brake fluid is hygroscopic, which means that it absorbs moisture from the air. Always store brake fluid in air-tight containers.***
- ***Wash off brake fluid spillage using plenty of water.***
- ***Observe waste disposal regulations!***

Observe operating instructions for -VAS 5234- or for -V.A.G 1869-!

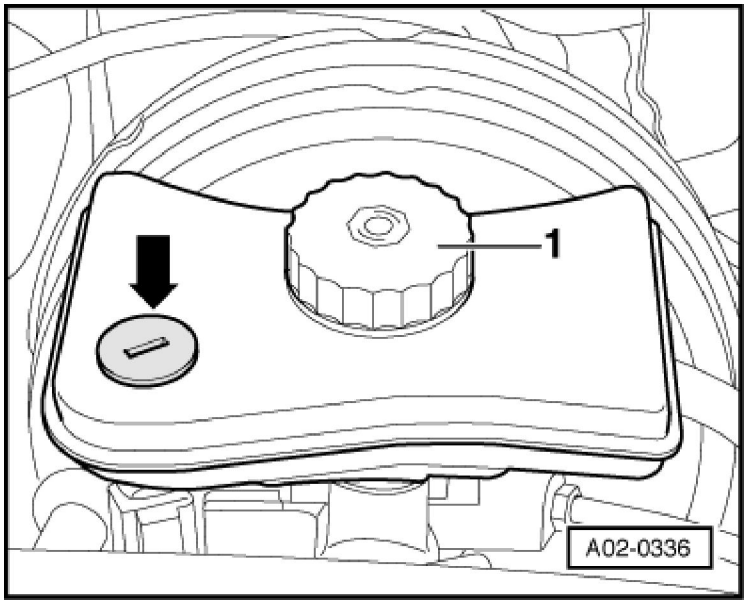


– Remove brake fluid reservoir cap -1-.

WARNING

The strainer in the brake fluid reservoir must not be removed.

– Remove brake fluid reservoir plug -arrow-.



– Connect suction hose from -VAS 5234- or -V.A.G 1869- to tube -1- of brake fluid reservoir.

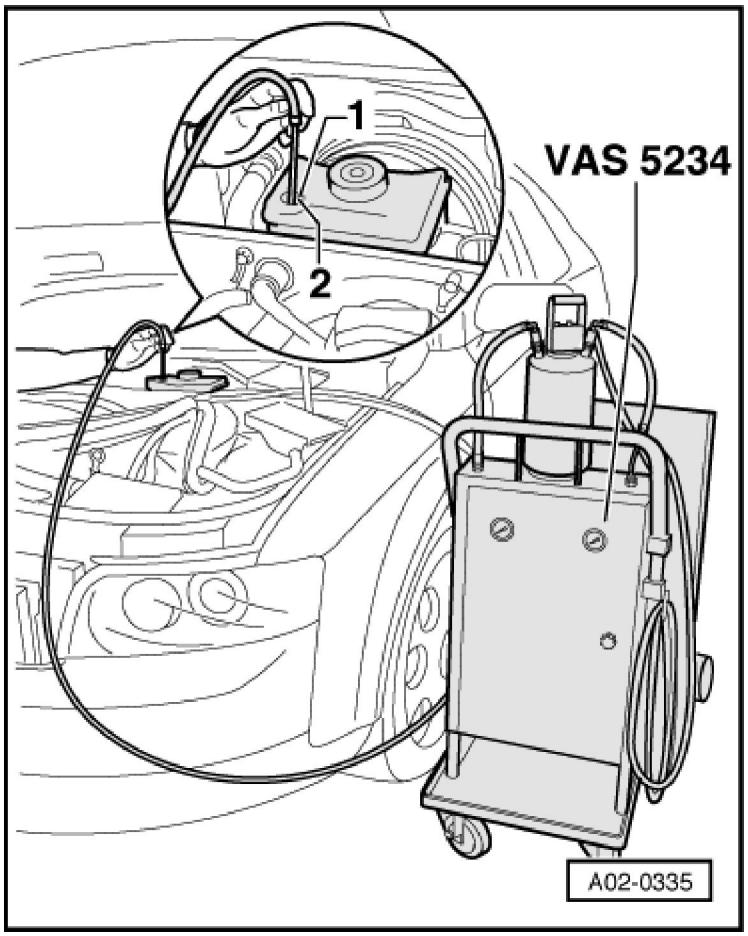
– Extract as much brake fluid as possible using suction hose from -VAS 5234- or from -V.A.G 1869- or with extractor bottle.

– Disconnect suction hose.

– Install brake fluid reservoir plug.

WARNING

Do not reuse used / extracted brake fluid!

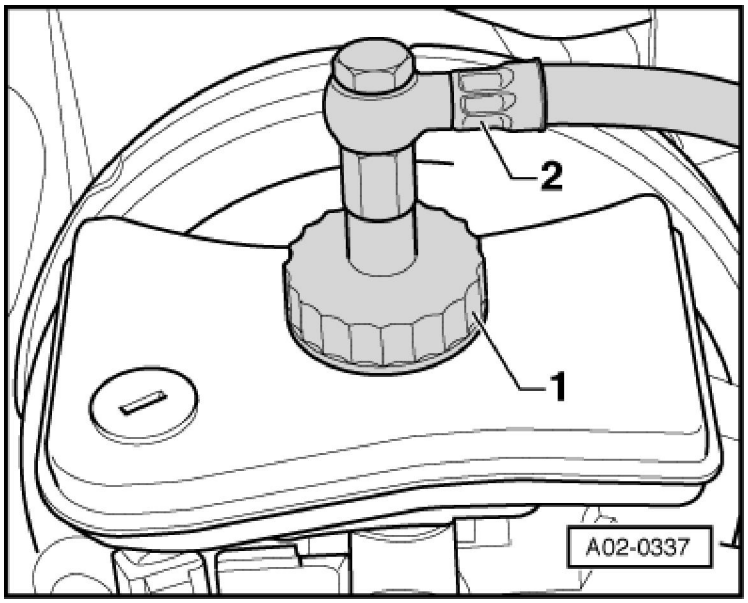


– Install adapter -1- to brake fluid reservoir.

– Connect filler hose -2- from -VAS 5234- or -V.A.G 1869- to adapter.

Vehicles with Manual Transmission

– Pull cover cap off clutch slave cylinder bleed screw.



– Place extractor bleeder hose -1- on clutch slave cylinder bleeder screw, open bleeder screw, and let about 100 ml drain out. Close bleeder screw and install cover cap.

– Operate clutch pedal several times.

Continued for All Vehicles

– Remove caps from the bleeder screws.

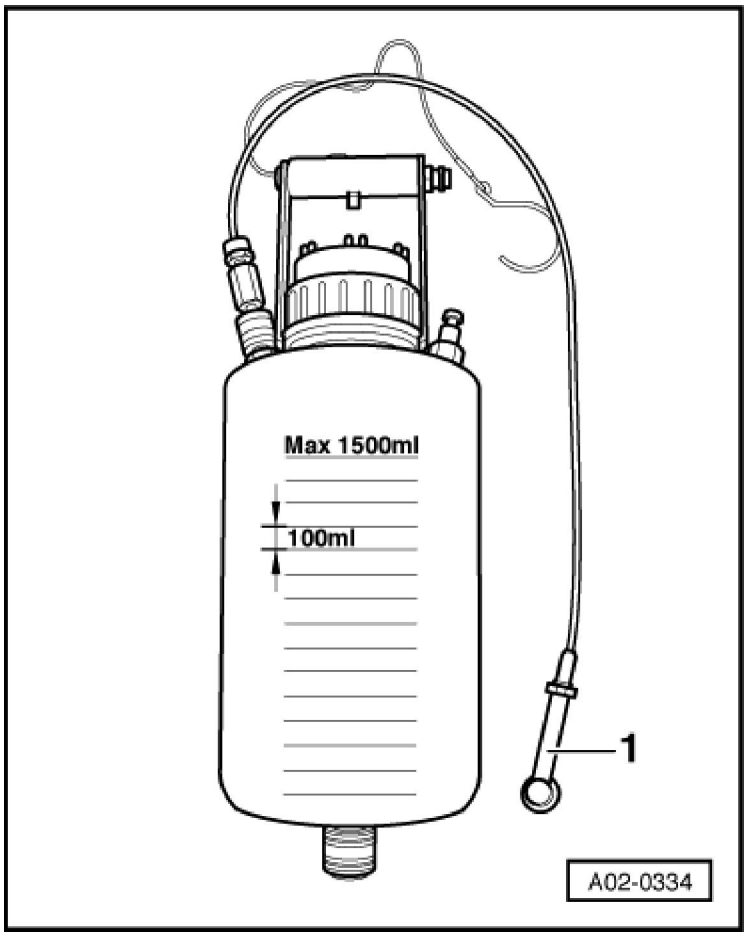
– Connect extractor bleeder hose -1- to front left bleeder screw, open bleeder screw and allow about 200 ml to flow out. Close bleeder screw.

Repeat work sequence on other side of vehicle at front.

– Connect extractor bleeder hose -1- to rear left bleeder screw, open bleeder screw and allow about 200 ml to flow out. Close bleeder screw.

Repeat procedure on opposite rear.

Sequence/Brake Fluid Capacity Table



Left front	200 ml
Right front	200 ml
Left rear	200 ml
Right rear	200 ml
Total amount → Note	1000 ml

1) Including brake fluid extracted from brake fluid reservoir and quantity from clutch slave cylinder.

– Install cover caps on brake caliper bleeder screws.

– Move filler lever on -VAS 5234- or -V.A.G 1869- to position -B- (see operating instructions).

– Take filler hose off adapter.

– Unscrew adapter from brake fluid reservoir.

– Check brake fluid level and top off if necessary.

– Install cap to brake fluid reservoir.

– Check pedal pressure and brake pedal free play. Free play: Max. $^{1}/_{3}$ of pedal travel