

**Info**

Clean up overflowed or spilled brake fluid immediately with water.

- Check the hand brake lever for a firm pressure point.



## 16.8 Checking the rear brake linings

**Warning**

**Danger of accidents** Worn-out brake linings reduce the braking effect.

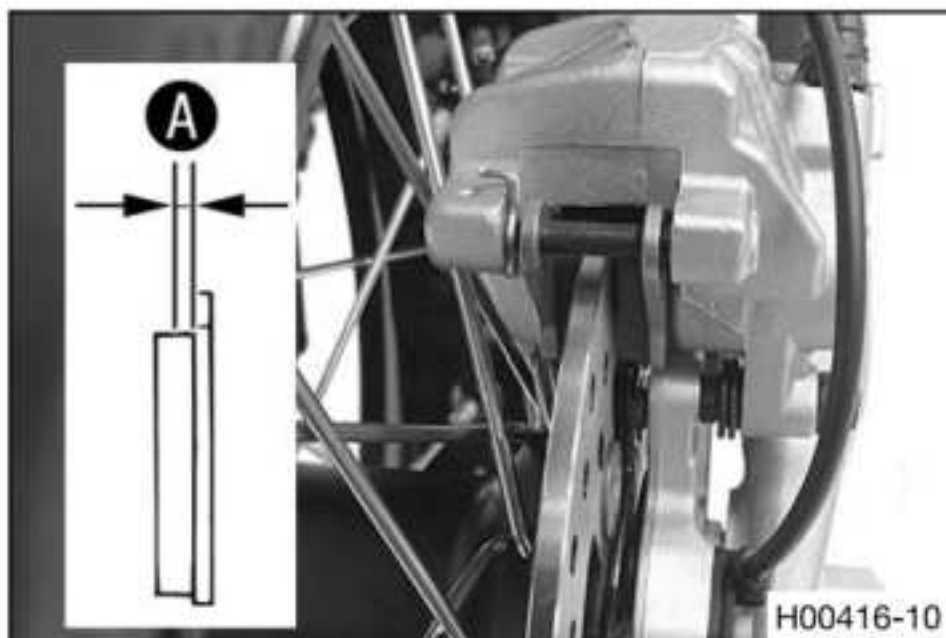
- Ensure that worn-out brake linings are replaced immediately.

**Warning**

**Danger of accidents** Damaged brake discs reduce the braking effect.

If the brake linings are not changed in time, the brake lining carriers grind against the brake disc. As a consequence, the braking effect is greatly reduced and the brake discs are destroyed.

- Check the brake linings regularly.



- Check the brake linings for minimum thickness **A**.

Minimum thickness <b>A</b>	$\geq 1 \text{ mm } (\geq 0.04 \text{ in})$
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- » If the minimum thickness is less than specified:
  - Change the rear brake linings. (📖 p. 159)
- Check the brake linings for damage and cracking.
  - » If there is wear or tearing:
    - Change the rear brake linings. (📖 p. 159)



## 16.9 Changing the rear brake linings

**Warning**

**Danger of accidents** Incorrect servicing will cause the brake system to fail.

- Ensure that service work and repairs are performed professionally.

**Warning**

**Skin irritation** Brake fluid causes skin irritation.

- Keep brake fluid out of the reach of children.
- Wear suitable protective clothing and safety glasses.
- Do not allow brake fluid to come into contact with the skin, the eyes or clothing.
- Consult a doctor immediately if brake fluid has been swallowed.
- Rinse the affected area with plenty of water in the event of contact with the skin.
- Rinse eyes thoroughly with water immediately and consult a doctor if brake fluid comes into contact with the eyes.
- If brake fluid spills on to your clothing, change the clothing.

**Warning**

**Danger of accidents** Old brake fluid reduces the braking effect.

- Make sure that brake fluid for the front and rear brake is changed in accordance with the service schedule.





## Warning

**Danger of accidents** Oil or grease on the brake discs reduces the braking effect.

- Always keep the brake discs free of oil and grease.
- Clean the brake discs with brake cleaner when necessary.



## Warning

**Danger of accidents** Brake linings which have not been approved alter the braking efficiency.

Not all brake linings are tested and approved for Husqvarna motorcycles. The structure and friction coefficient of the brake linings, and thus their brake power, may vary greatly from that of original brake linings.

If brake linings are used that differ from the original equipment, compliance with the original homologation is not guaranteed. In this case, the vehicle no longer corresponds to its condition at delivery and the warranty shall be void.

- Only use brake linings approved and recommended by Husqvarna motorcycles.



## Note

**Environmental hazard** Hazardous substances cause environmental damage.

- Dispose of oils, grease, filters, fuel, cleaning agents, brake fluid, etc., correctly and in compliance with the applicable regulations.

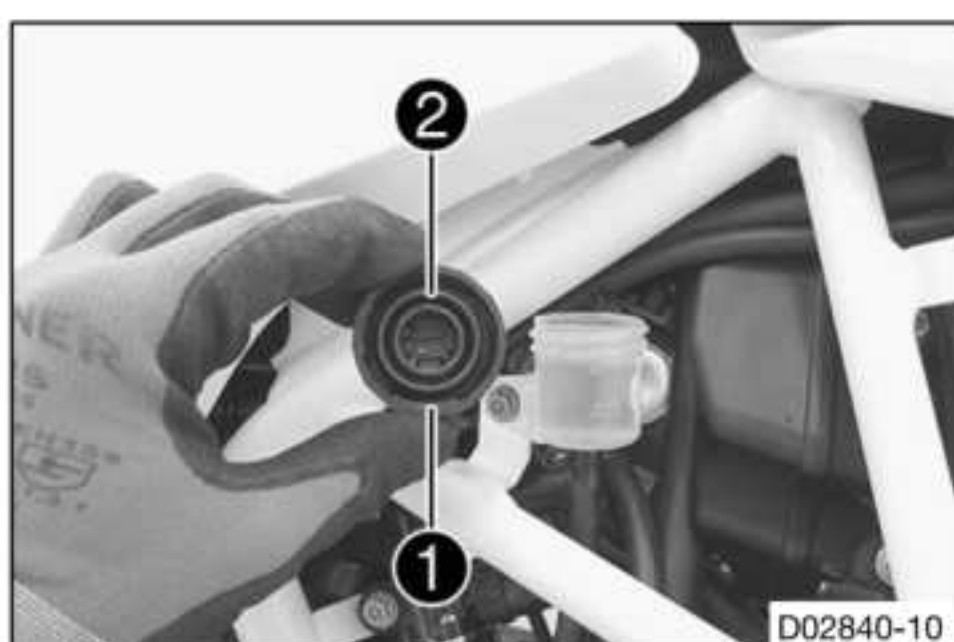


## Info

Never use DOT 5 brake fluid. It is silicone-based and purple in color. Oil seals and brake lines are not designed for DOT 5 brake fluid.

Avoid contact between brake fluid and painted parts. Brake fluid attacks paint.

Only use clean brake fluid from a sealed container.

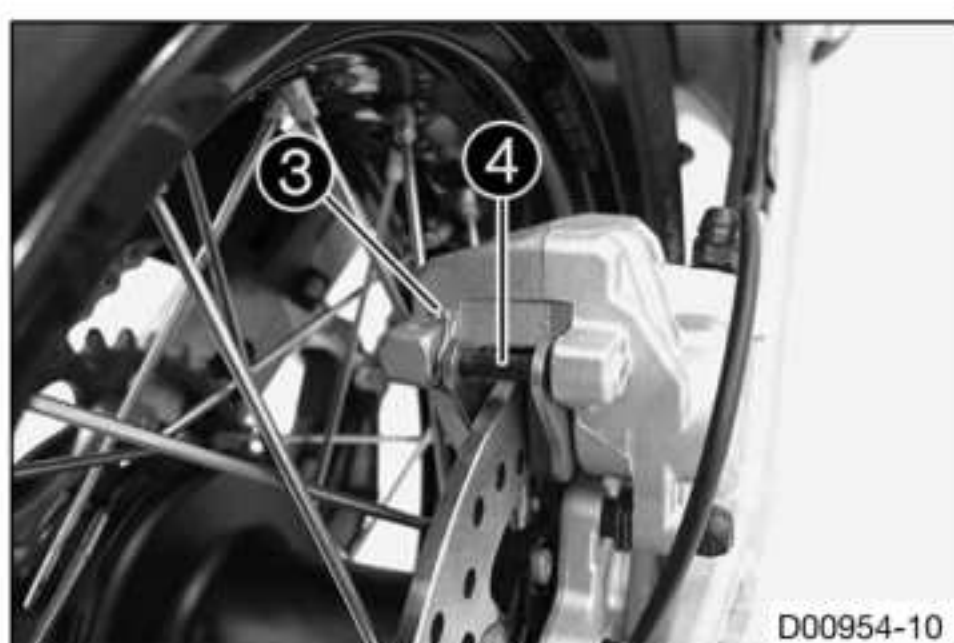


- Stand the vehicle upright.
- Remove screw cap ① with membrane ②.
- Press the brake caliper onto the brake disc by hand in order to push back the brake piston. Ensure that brake fluid does not flow out of the brake fluid reservoir; extract some if necessary.



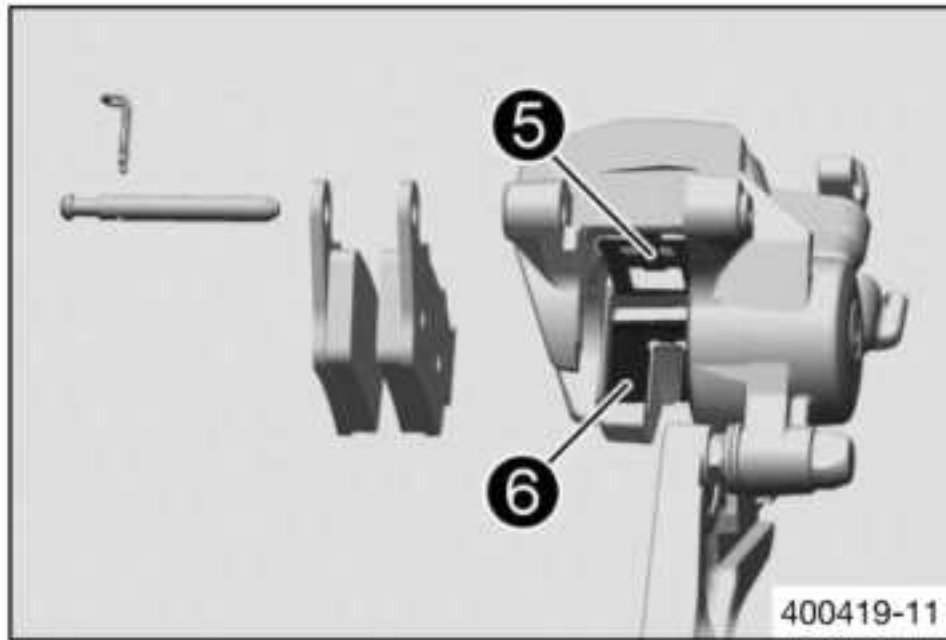
## Info

Make sure that you do not press the brake caliper against the spokes when pushing back the brake piston.



- Remove cotter pin ③, remove pin ④ toward the left by striking it, and remove the brake linings.
- Clean the brake caliper and brake caliper bracket.





- Check that spring plate **5** in the brake caliper and sliding plate **6** in the brake caliper bracket are seated properly.
- Insert the new brake linings, insert the pin, and mount the cotter pins.



## Info

Always change the brake linings in pairs.

- Operate the foot brake lever repeatedly until the brake linings are in contact with the brake disc and there is a pressure point.
- Adjust the brake fluid level to the **MAX** marking.

Brake fluid DOT 4 / DOT 5.1 (📖 p. 376)

- Mount screw cap with membrane.



## Info

Clean up overflowed or spilled brake fluid immediately with water.

## 16.10 Checking the free travel of foot brake lever

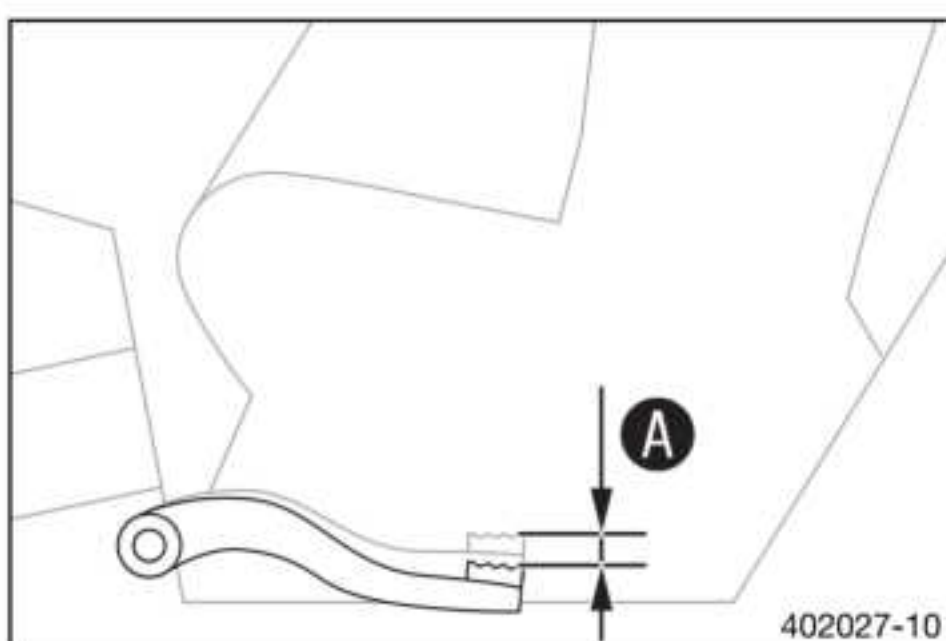


## Warning

**Danger of accidents** The brake system fails in the event of overheating.

If there is no free travel on the foot brake lever, pressure builds up in the brake system on the rear brake.

- Set the free travel on the foot brake lever in accordance with the specification.



- Move the foot brake lever back and forth between the end stop and the contact to the foot brake cylinder piston and check free travel **A**.

## Guideline

Free travel at foot brake lever	3 ... 5 mm (0.12 ... 0.2 in)
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## Info

You will know that contact has been made with the foot brake cylinder piston when there is increased resistance when you activate the foot brake lever.

- » If the free travel does not meet specifications:
  - Adjust the basic position of the foot brake lever. (📖 p. 162)



16.11 Adjusting the basic position of the foot brake lever

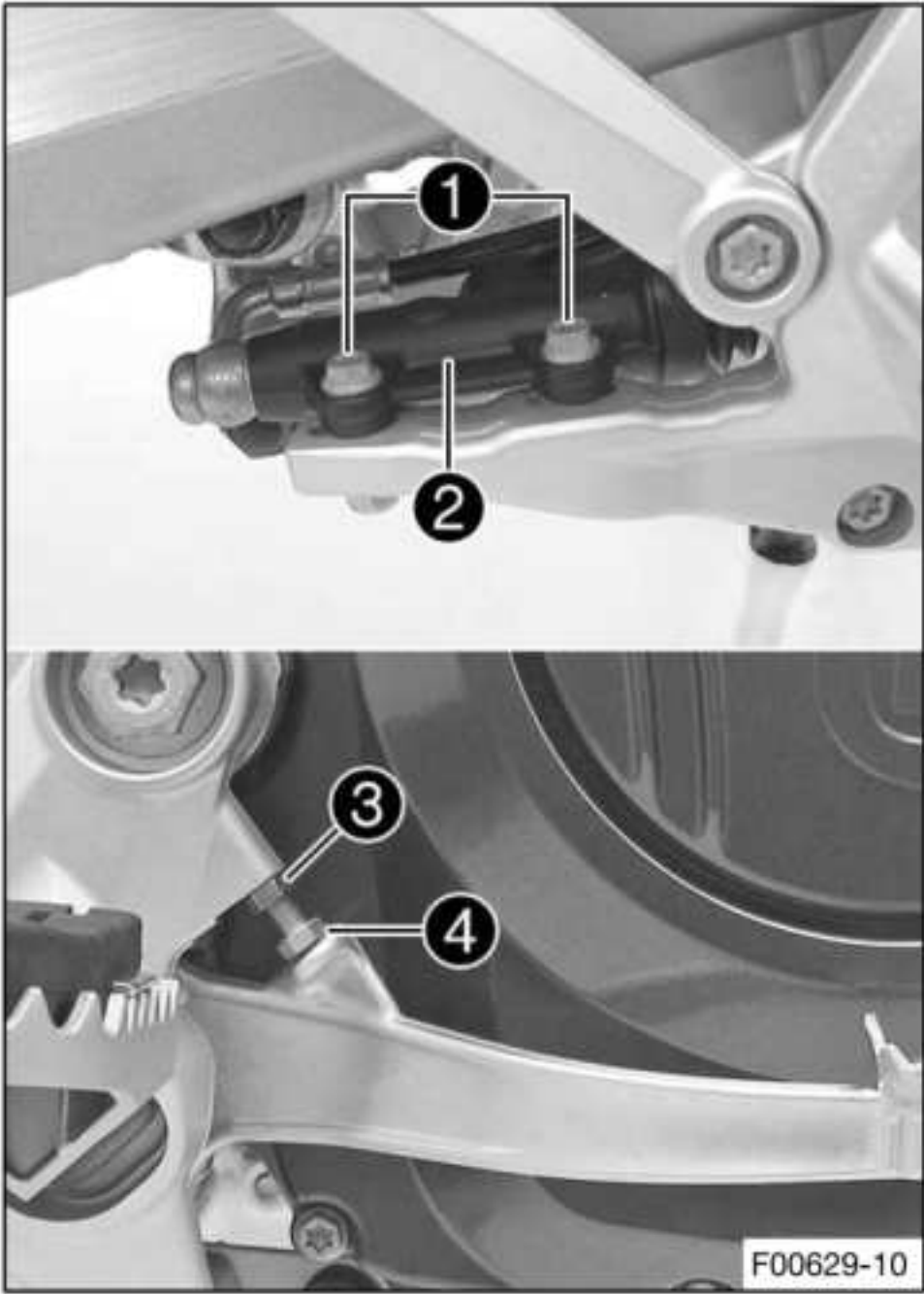


**Warning**


**Danger of accidents** The brake system fails in the event of overheating.

If there is no free travel on the foot brake lever, pressure builds up in the brake system on the rear brake.

- Set the free travel on the foot brake lever in accordance with the specification.



- Loosen fittings ① on foot brake cylinder ②.
- To adjust the basic position of the foot brake lever to individual requirements, loosen nut ③ and turn screw ④ accordingly.



**Info**


The range of adjustment is limited. The screw must be screwed into the footrest bracket by at least four turns.

- Position foot brake cylinder ② so that the foot brake lever has the necessary free travel.
- Tighten fittings ①.

Guideline		
Screw connection, foot brake cylinder	M6	10 Nm (7.4 lbf ft)

- Check the free travel of the foot brake lever. (📖 p. 161)
- Tighten nut ③.

16.12 Checking the rear brake fluid level




**Warning**

**Danger of accidents** An insufficient brake fluid level will cause the brake system to fail.

If the brake fluid level drops below the **MIN** marking, the brake system is leaking or the brake linings are worn down.

- Check the brake system and do not continue riding until the problem is eliminated.

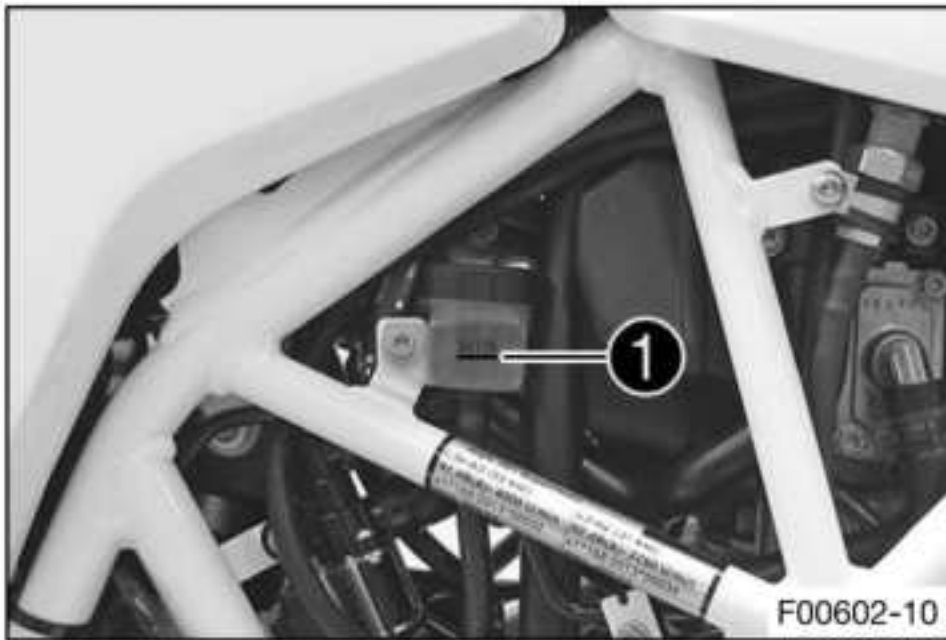


**Warning**

**Danger of accidents** Old brake fluid reduces the braking effect.

- Make sure that brake fluid for the front and rear brake is changed in accordance with the service schedule.





(EU)

- Stand the vehicle upright.
- Check the brake fluid level in the brake fluid reservoir.
  - » If the fluid level reaches the **MIN** marking ❶:
  - Add rear brake fluid. (📖 p. 163)



(US)

- Stand the vehicle upright.
- Check the brake fluid level in the brake fluid reservoir.
  - » If the fluid level reaches the **MIN** marking ❶:
  - Add rear brake fluid. (📖 p. 163)

### 16.13 Adding rear brake fluid



#### Warning

**Danger of accidents** An insufficient brake fluid level will cause the brake system to fail.

If the brake fluid level drops below the **MIN** marking, the brake system is leaking or the brake linings are worn down.

- Check the brake system and do not continue riding until the problem is eliminated.



#### Warning

**Skin irritation** Brake fluid causes skin irritation.

- Keep brake fluid out of the reach of children.
- Wear suitable protective clothing and safety glasses.
- Do not allow brake fluid to come into contact with the skin, the eyes or clothing.
- Consult a doctor immediately if brake fluid has been swallowed.
- Rinse the affected area with plenty of water in the event of contact with the skin.
- Rinse eyes thoroughly with water immediately and consult a doctor if brake fluid comes into contact with the eyes.
- If brake fluid spills on to your clothing, change the clothing.



#### Warning

**Danger of accidents** Old brake fluid reduces the braking effect.

- Make sure that brake fluid for the front and rear brake is changed in accordance with the service schedule.



#### Note

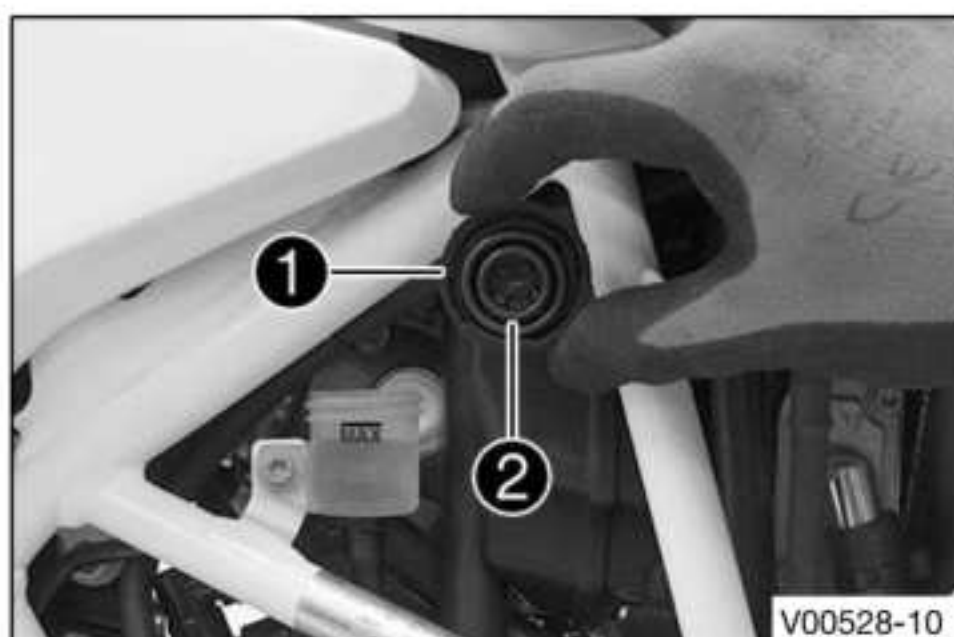
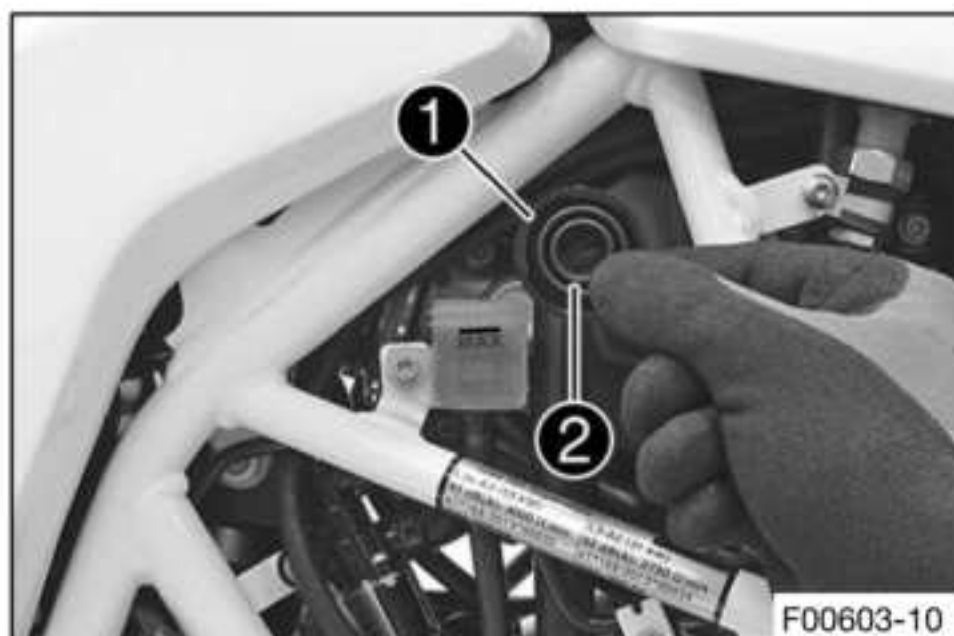
**Environmental hazard** Hazardous substances cause environmental damage.

- Dispose of oils, grease, filters, fuel, cleaning agents, brake fluid, etc., correctly and in compliance with the applicable regulations.



## **i** Info

Never use DOT 5 brake fluid. It is silicone-based and purple in color. Oil seals and brake lines are not designed for DOT 5 brake fluid.  
Avoid contact between brake fluid and painted parts. Brake fluid attacks paint.  
Only use clean brake fluid from a sealed container.



### Preparatory work

- Check the rear brake linings. (p. 159)

### Main work (EU)

- Stand the vehicle upright.
- Remove screw cap ① with membrane ②.
- Add brake fluid up to the **MAX** marking.

Brake fluid DOT 4 / DOT 5.1 (p. 376)

- Mount screw cap with membrane.

## **i** Info

Clean up overflowed or spilled brake fluid immediately with water.

### (US)

- Stand the vehicle upright.
- Remove screw cap ① with membrane ②.
- Add brake fluid up to the **MAX** marking.

Brake fluid DOT 4 / DOT 5.1 (p. 376)

- Mount screw cap with membrane.

## **i** Info

Clean up overflowed or spilled brake fluid immediately with water.

## 16.14 Changing the rear brake fluid



### Warning

**Skin irritation** Brake fluid causes skin irritation.

- Keep brake fluid out of the reach of children.
- Wear suitable protective clothing and safety glasses.
- Do not allow brake fluid to come into contact with the skin, the eyes or clothing.
- Consult a doctor immediately if brake fluid has been swallowed.
- Rinse the affected area with plenty of water in the event of contact with the skin.
- Rinse eyes thoroughly with water immediately and consult a doctor if brake fluid comes into contact with the eyes.
- If brake fluid spills on to your clothing, change the clothing.





## Note

**Environmental hazard** Hazardous substances cause environmental damage.

- Dispose of oils, grease, filters, fuel, cleaning agents, brake fluid, etc., correctly and in compliance with the applicable regulations.

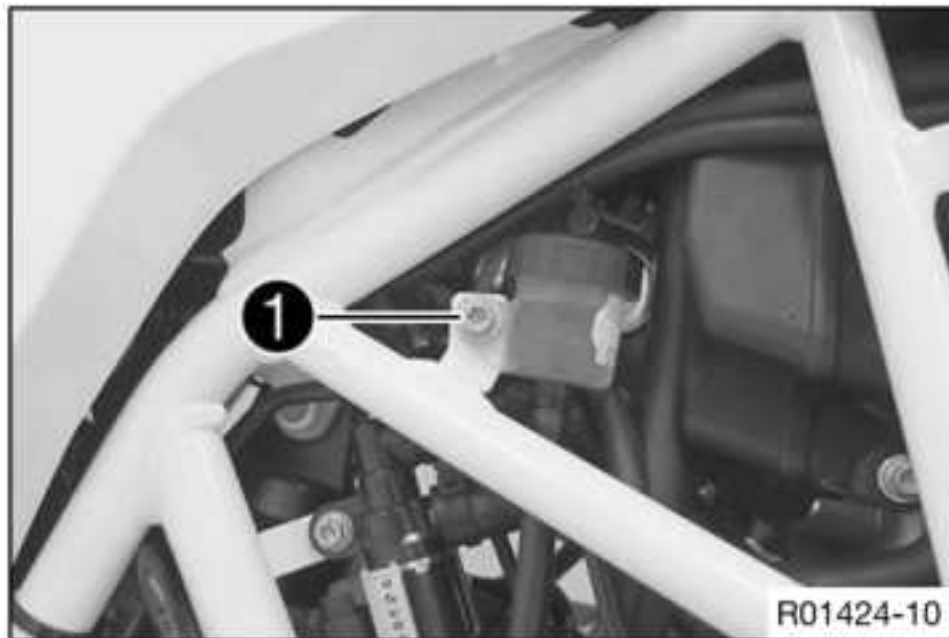


## Info

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Avoid contact between brake fluid and painted parts. Brake fluid attacks paint.

Only use clean brake fluid from a sealed container.

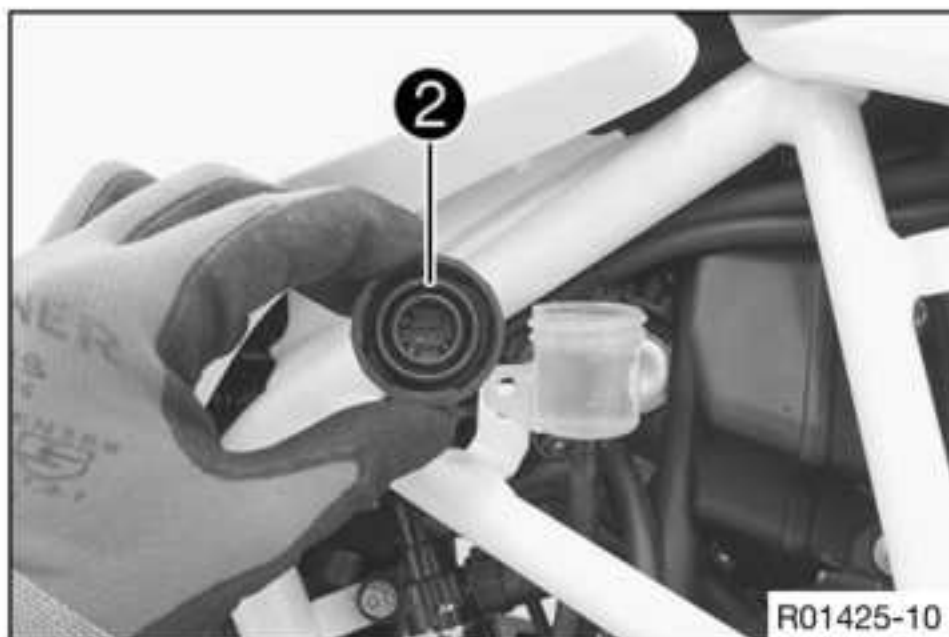


- Remove screw ①.
- Hang the brake fluid reservoir to the side.



## Info

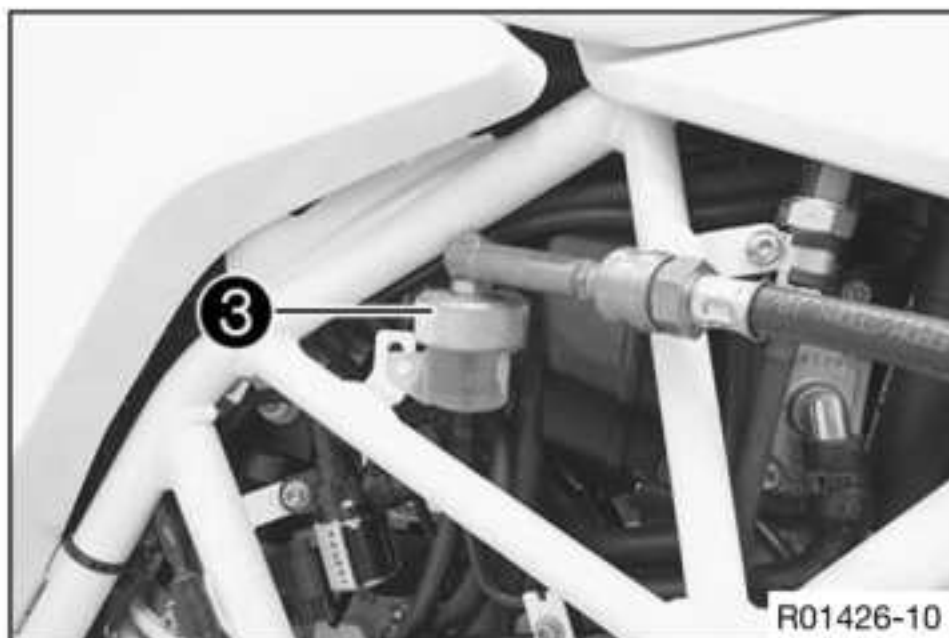
Make sure that the reservoir stays vertical and no brake fluid runs out.



- Cover painted parts.
- Take off screw cap ② with membrane.
- Extract the old brake fluid from the brake fluid reservoir using a syringe and fill with fresh brake fluid.

Syringe (50329050000) (p. 382)

Brake fluid DOT 4 / DOT 5.1 (p. 376)

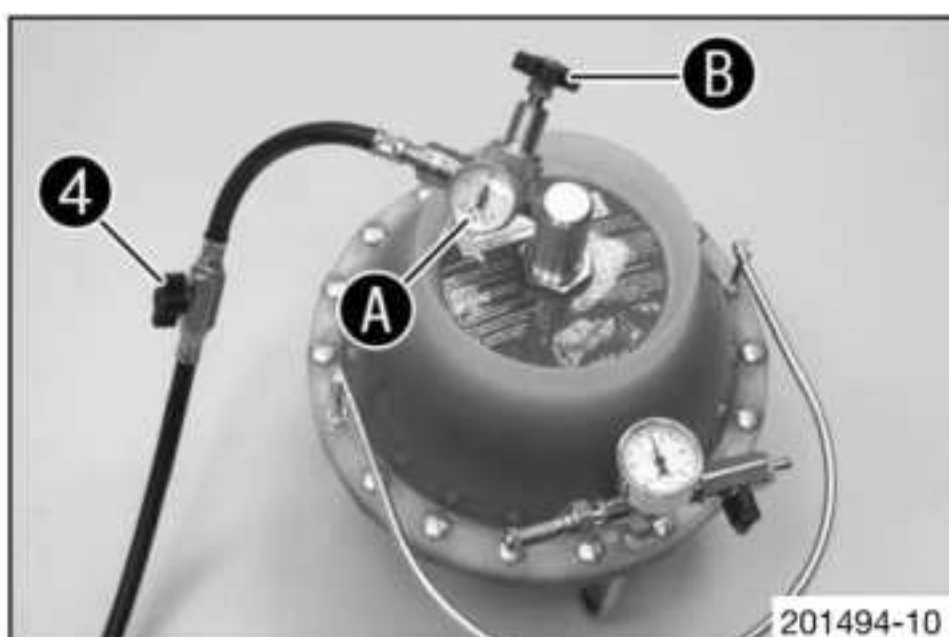


- Mount bleeder cover ③.

Bleeder cover (00029013004) (p. 380)

- Connect the bleeding device.

Bleeding device (00029013100) (p. 380)



- Open shut-off valve ④.



## Info

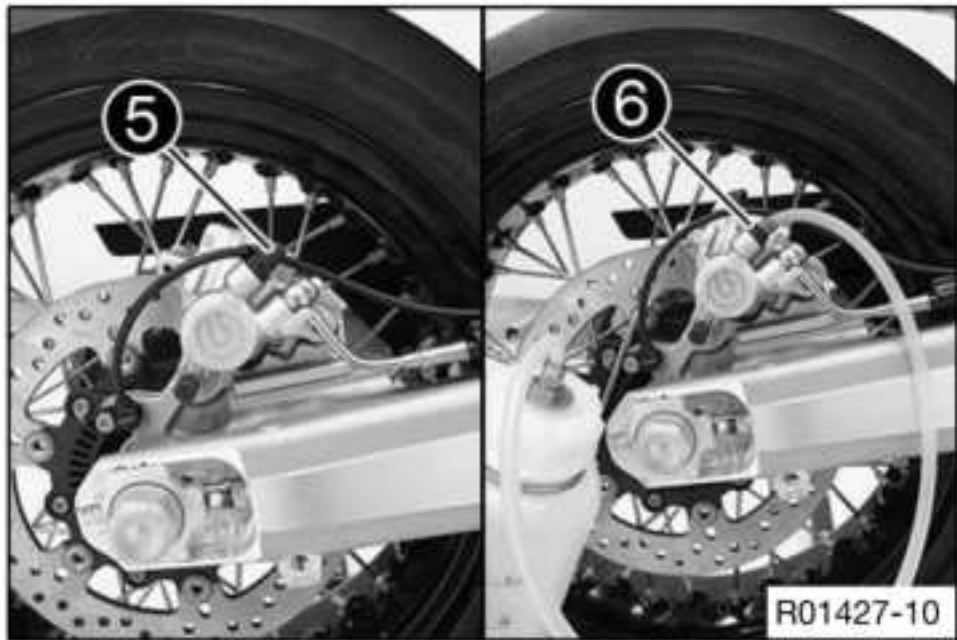
Follow the instructions in the Owner's Manual of the bleeding device.

- Ensure that the inflation pressure is set on pressure gauge ①. Correct the inflation pressure on pressure regulator ② if necessary.

Guideline

Inflation pressure	2 ... 2.5 bar (29 ... 36 psi)
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- Pull off protection cap **5** of the bleeder screw. Connect the bleeder bottle hose.

Bleeding device (00029013100) (📖 p. 380)

- Open bleeder screw **6** by approx. one half turn.

**Info**

Drain until fresh brake fluid emerges in the bleeder bottle hose without bubbles.

- Tighten the bleeder screw.
- Close shut-off valve **4**.
- Open the bleeder screw again until brake fluid stops emerging.


**Info**

Overfilling the brake fluid reservoir is prevented.

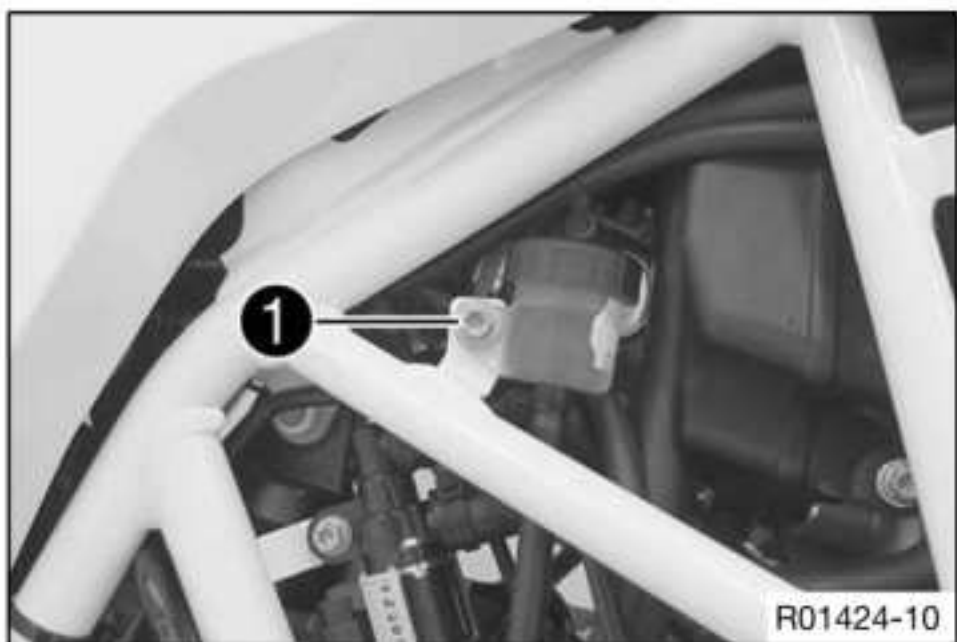
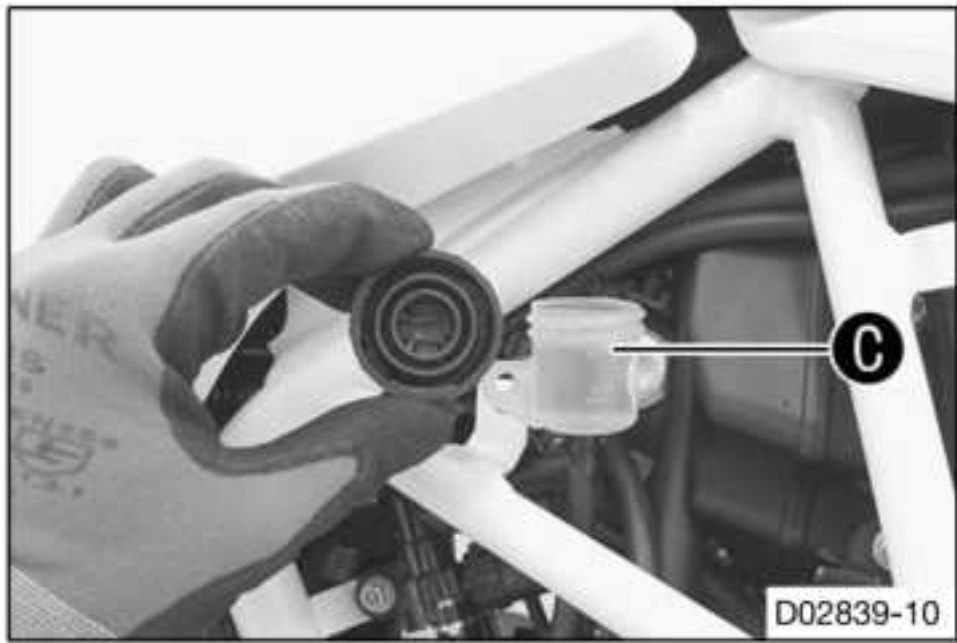
- Tighten the bleeder screw. Remove the bleeder bottle hose. Attach the protection cap.
- Disconnect the bleeding device. Remove the bleeder cover.
- Add brake fluid up to **MAX** marking **C**.

Brake fluid DOT 4 / DOT 5.1 (📖 p. 376)

- Mount screw cap with membrane.

**Info**

Clean up overflowed or spilled brake fluid immediately with water.



- Position the brake fluid reservoir.
- Mount and tighten screw **1**.

Guideline		
Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)



## 17.1 Combination instrument

### 17.1.1 Adjusting the kilometers or miles



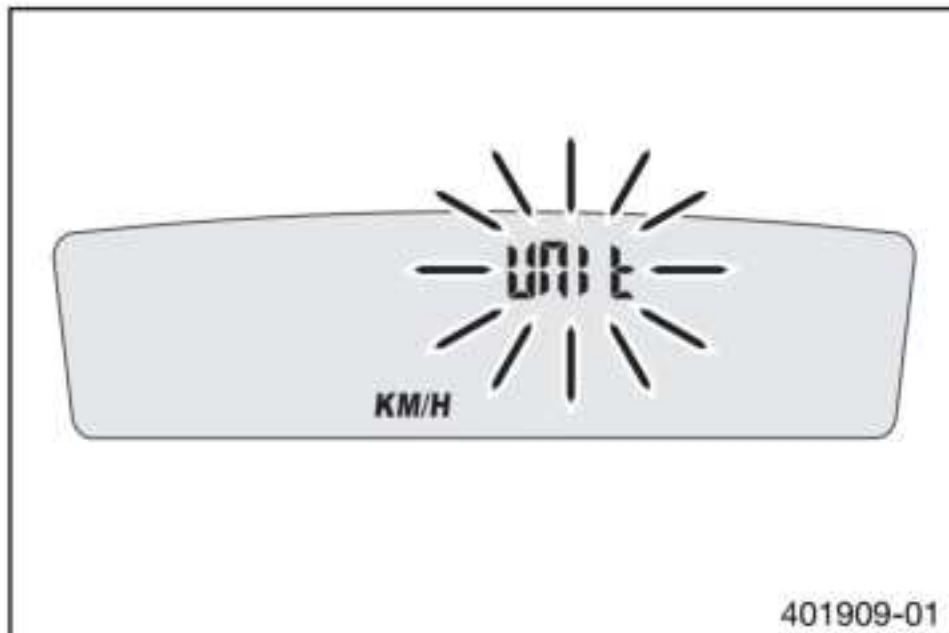
#### Info

If the unit is changed, the value **ODO** is retained and converted accordingly.

#### Condition

The motorcycle is stationary.

- Press and hold both buttons for 3 - 5 seconds.
  - ✓ The Setup menu is displayed. The **UNIT** display flashes.
- Press one of the buttons to select **UNIT** for the speed in kilometers **KM/H** or miles **M/H**.

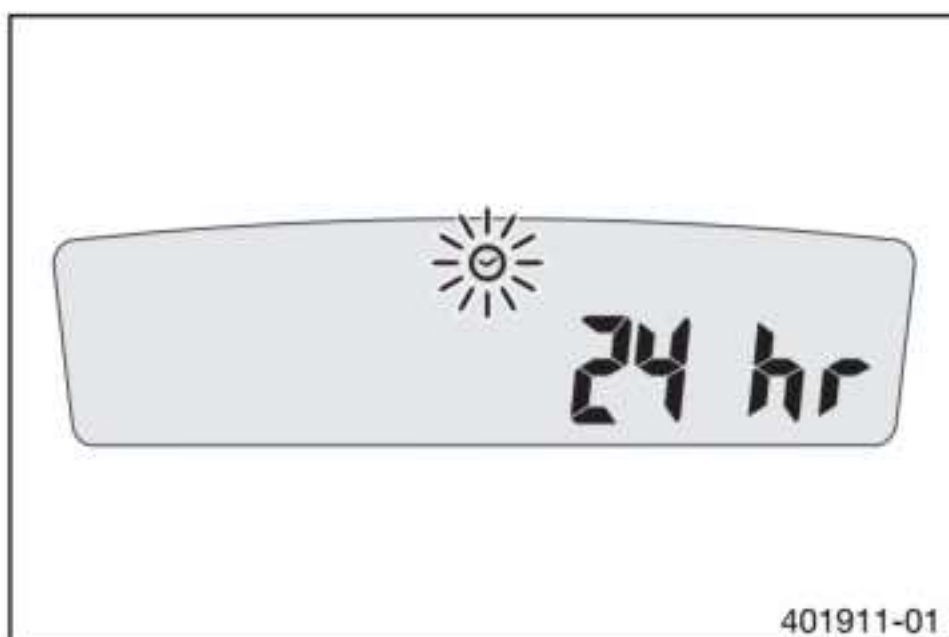


### 17.1.2 Adjusting the clock

#### Condition

The motorcycle is stationary.

- Press and hold both buttons for 3 - 5 seconds.
  - ✓ The Setup menu is displayed. The **UNIT** display flashes.
- Wait for the menu of the clock ☀ to flash.
- Press one of the buttons to select the 24h display or 12h display for the clock.



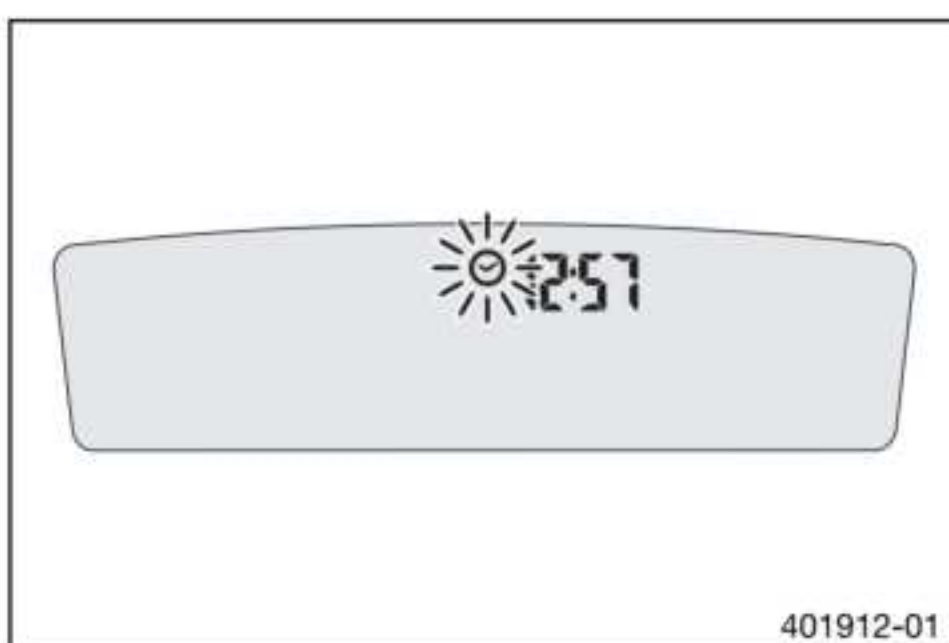
- Wait for 5 seconds.
  - ✓ The combination instrument changes to the next menu item. The clock ☀ symbol flashes.

#### Resetting the time

- Press the left button.
  - ✓ The value decreases.

#### Advancing the time

- Press the right button.
  - ✓ The value increases.





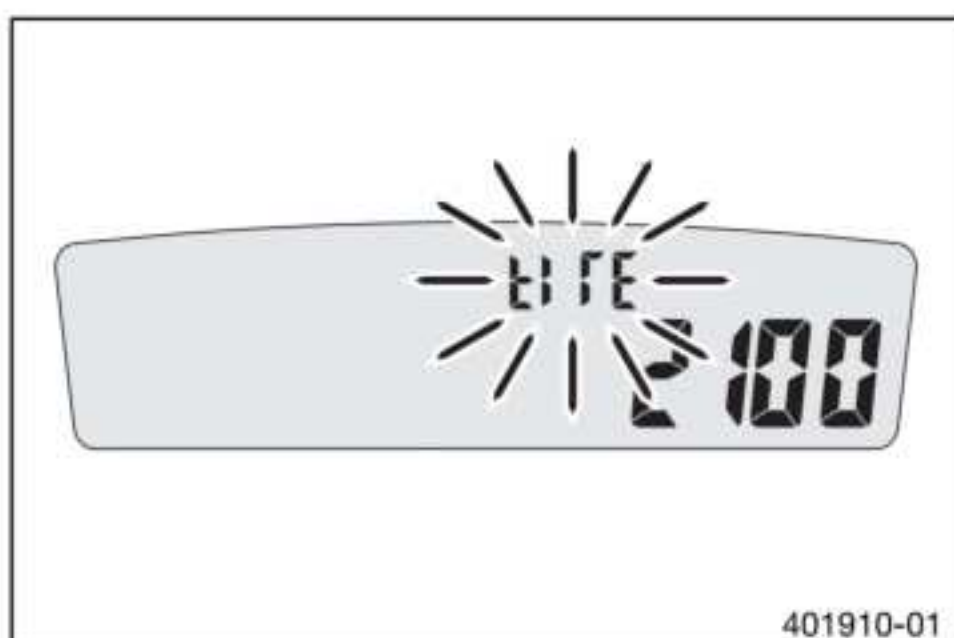
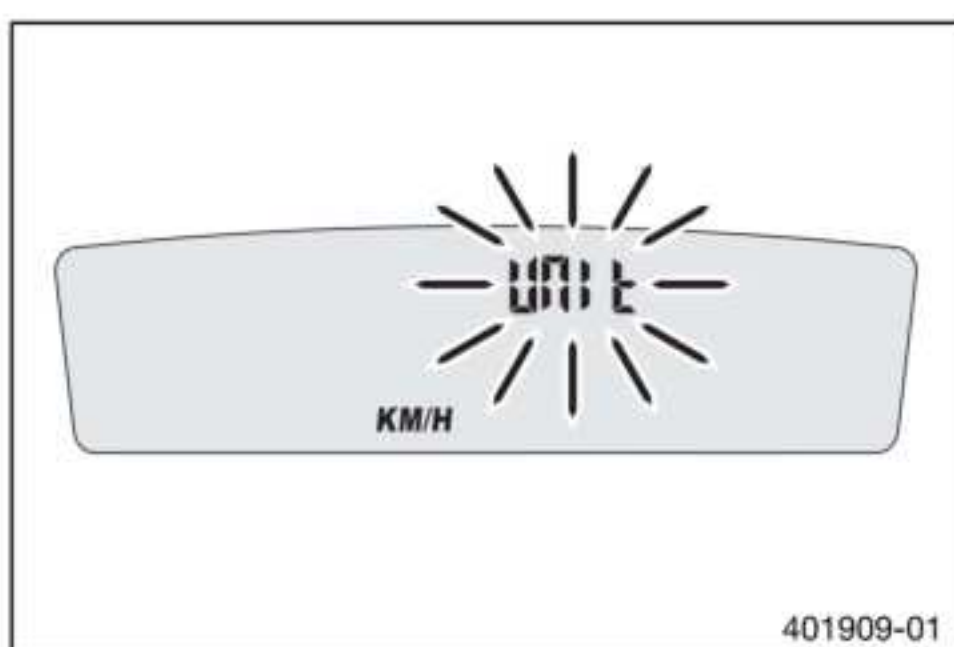
## 17.1.3 Adjusting the wheel circumference



### Danger

**Voiding of the government approval for road use and the insurance coverage** The vehicle is only authorized for operation on public roads in the homologated version.

- If the vehicle is modified in any way, it may only be used on designated tracks away from public roads. Advise the vehicle owner and rider of this.
- If you undertake any modifications, please insist on receiving a signed workshop order from your customer in which you inform the customer in writing that these modifications are performed at the customer's own risk and that the vehicle will no longer be approved for use on public roads once modified.



### Condition

The motorcycle is stationary.

### Preparatory work

- Unplug combination instrument connector **DR**.

### Main work

- Press both buttons for 3–5 seconds.
  - ✓ The Setup menu is displayed. The **UNIT** display flashes.

- Wait for the menu **TIRE** to flash.

### Reducing the wheel circumference

- Press the left button.
  - ✓ The value decreases.

### Enlarging the wheel circumference

- Press the right button.
  - ✓ The value increases.

### Finishing work

- Plug in combination instrument connector **DR**.

## 17.1.4 Setting the service display

### Condition

The motorcycle is stationary.