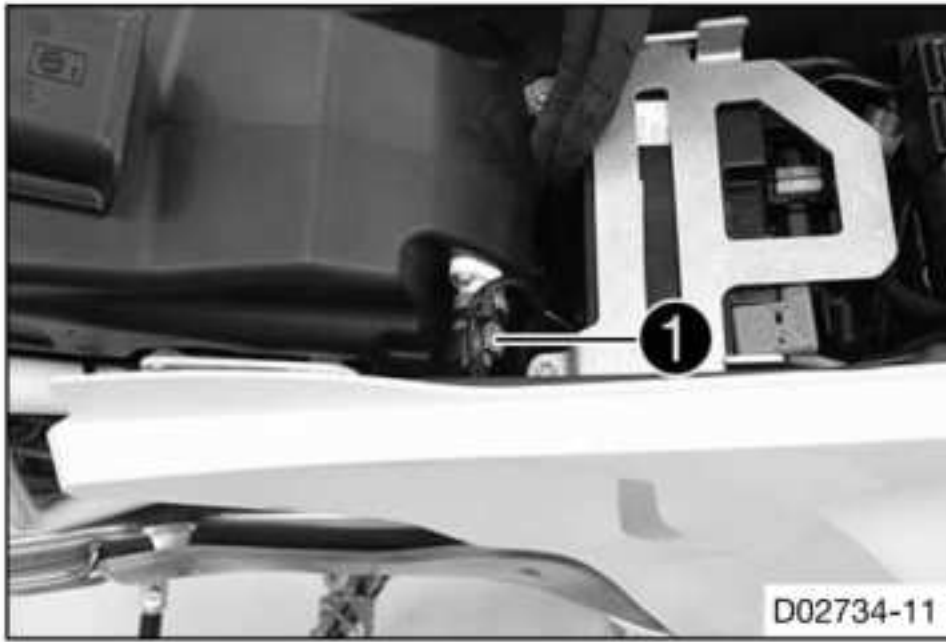


11.4 Installing the air filter box



Main work

- Plug in connector **1** of the intake air temperature sensor and secure with the cable tie(s).
- Position the air filter box.



- Mount and tighten screws **2** with the sleeves.

Guideline

Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)
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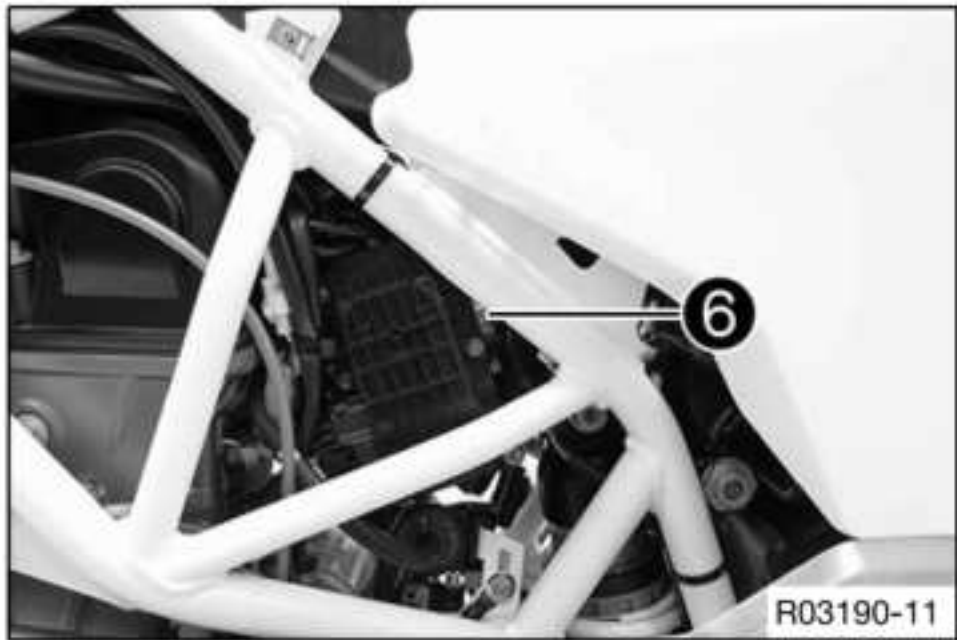
- Position engine electronics control unit **3**.



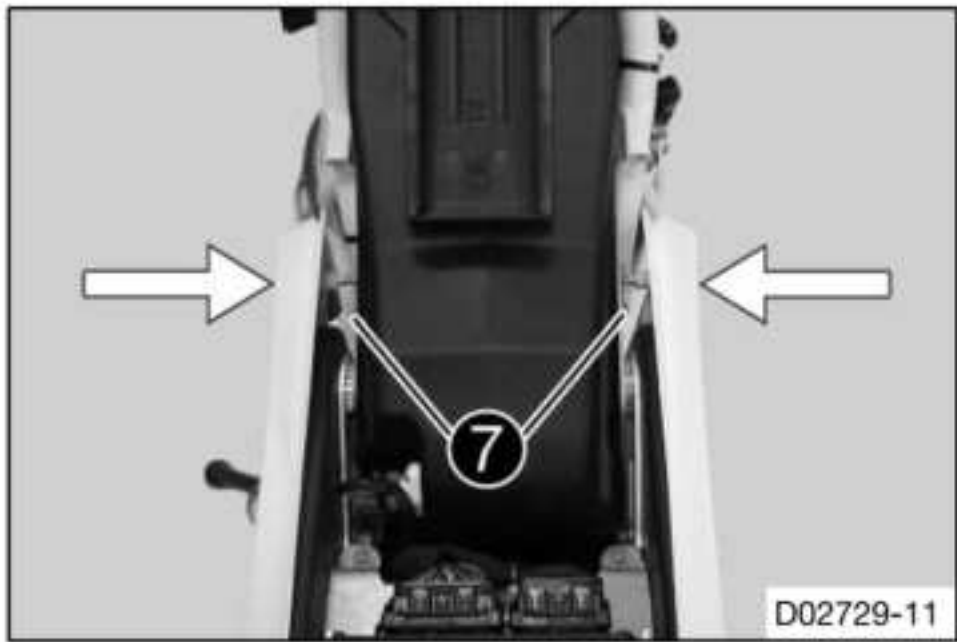
- Route hose **4** without kinks and secure it with cable tie(s).



- Route vent hose **5** without bends and mount.



- Mount and tighten hose clip 6.

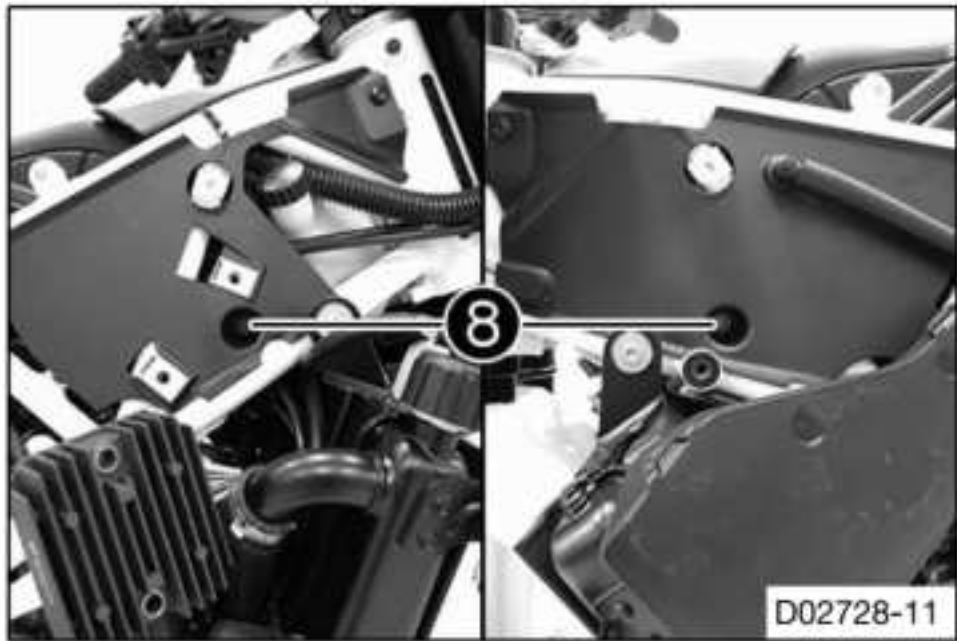


- Mount and tighten screws 7.

Guideline

Screw, air filter box, on frame	M6	6 Nm (4.4 lbf ft)
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- Hook on rear fairing at the front.



- Mount and tighten screws 8.

Guideline

Screw, air filter box, on frame	M6	6 Nm (4.4 lbf ft)
---------------------------------	----	-------------------



- Position the voltage regulator.
- Mount and tighten screws 9.

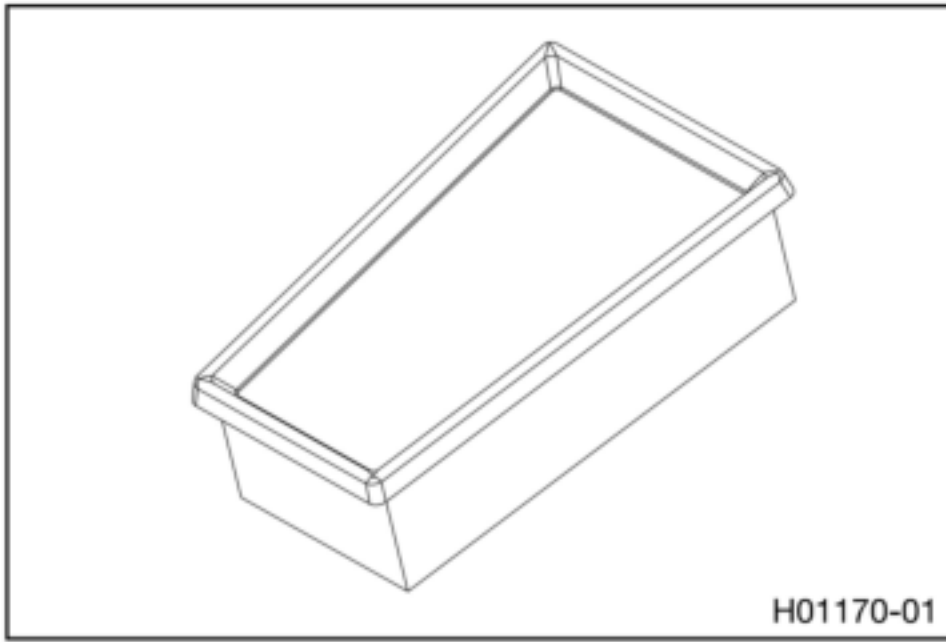
Guideline

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

Finishing work

- Mount the side cover. (p. 94)
- Mount the seat. (p. 93)

11.5 Change the air filter. Clean the air filter box.



- Remove the air filter. (📖 p. 86)
- Install the air filter. (📖 p. 86)

12.1 Opening fuel tank filler cap



Danger

Fire hazard Fuel is highly flammable.

The fuel in the fuel tank expands when warm and can escape if overfilled.

- Do not refuel the vehicle in the vicinity of open flames or lit cigarettes.
- Switch off the engine for refueling.
- Make sure that no fuel is spilled; particularly not on hot parts of the vehicle.
- If any fuel is spilled, wipe it off immediately.
- Observe the specifications for refueling.



Warning

Danger of poisoning Fuel is poisonous and a health hazard.

- Avoid skin, eye and clothing contact with fuel.
- Immediately consult a doctor if you swallow fuel.
- Do not inhale fuel vapors.
- In case of skin contact, rinse the affected area with plenty of water.
- Rinse the eyes thoroughly with water, and consult a doctor in case of fuel contact with the eyes.
- Change your clothing in case of fuel spills on them.
- Keep fuels correctly in a suitable canister, and out of the reach of children.



Note

Environmental hazard Improper handling of fuel is a danger to the environment.

- Do not allow fuel to enter the groundwater, the soil, or the sewage system.



- Lift cover **1** of fuel tank filler cap and insert the ignition key.
- Turn the ignition key 90° counterclockwise and take off the fuel tank filler cap.



Info

The fuel tank filler cap has a fuel tank breather.

12.2 Closing the fuel tank filler cap



- Put the fuel tank filler cap back on and turn the ignition key 90° clockwise.
- Remove the ignition key and fold down the cover.

12.3 Removing the seat



(EU)

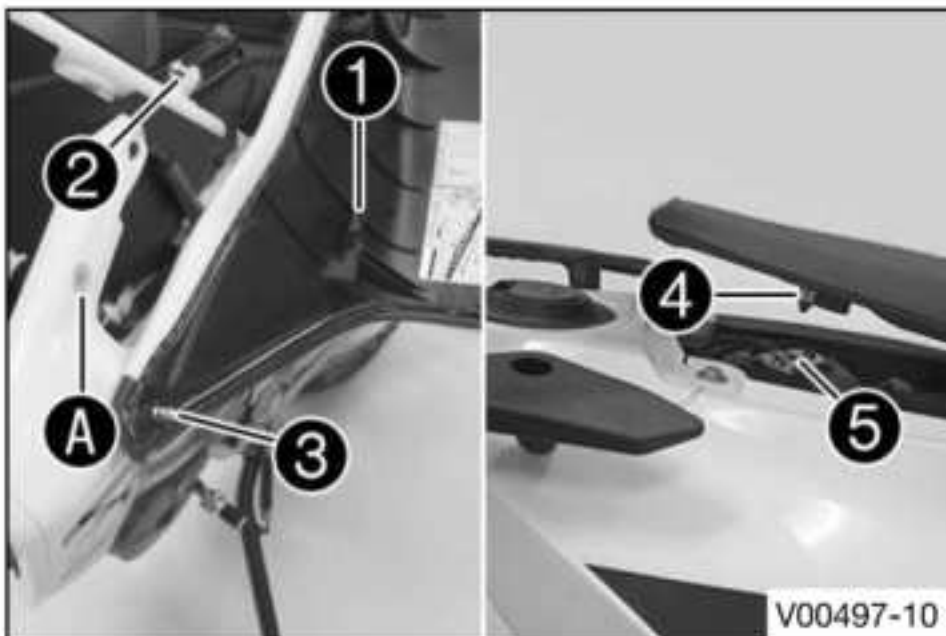
- Pull on the loop ① while raising the rear of the seat.
- Pull off the seat sideways at the front ends from the side cover.
- Pull seat back and lift it off.



(US)

- Pull on loop ① while raising the rear of the seat.
- Pull off the seat sideways at the front ends from the side cover.
- Pull seat back and lift it off.

12.4 Mounting the seat



- Stretch the seat at the front ends slightly and position holding tabs ① on holders ②.
- ✓ The holding tabs engage in the holder.
- Press holding tab ③ into the bushings A.
- Insert locking pin ④ into the lock housing ⑤ and push down the rear of the seat until the locking pin engages with an audible click.
- Check, finally, that the seat is correctly mounted.

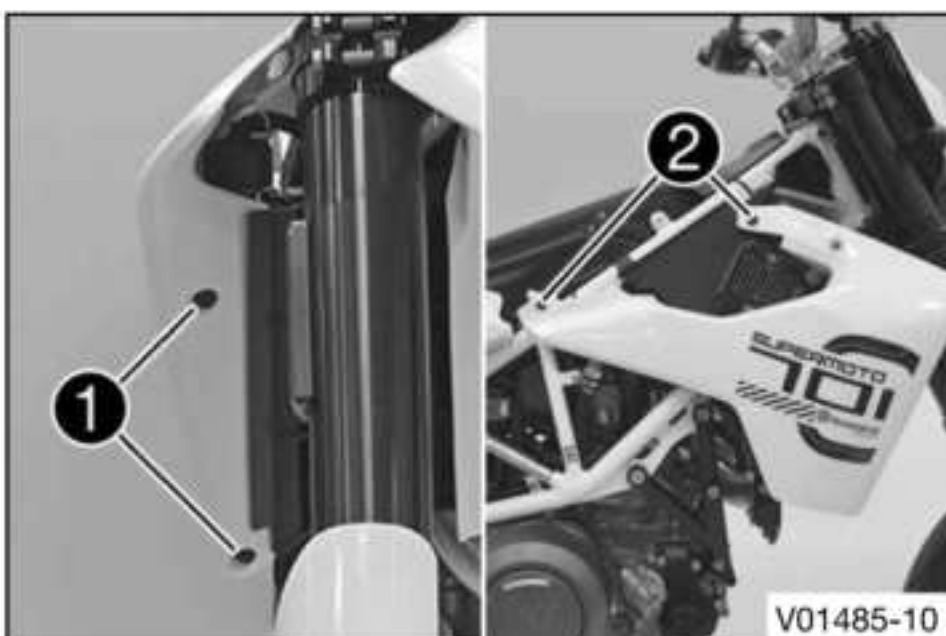
12.5 Take off the side cover

Preparatory work

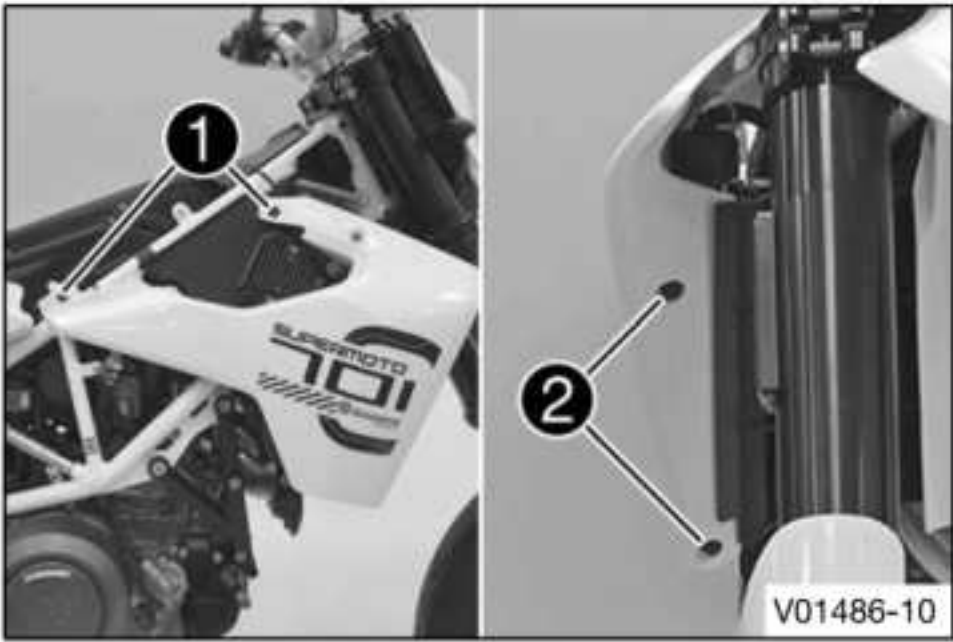
- Remove the seat. (p. 93)

Main work

- Remove screws ① and ②.
- Take off the side cover.
- Repeat these steps on the opposite side.



12.6 Mounting the side cover



Main work

- Position the side cover, and mount and tighten screws ①.
Guideline

Screw, trim	M5x12	3.5 Nm (2.58 lbf ft)
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- Mount and tighten screws ②.
Guideline

Screw, trim	M5x17	3.5 Nm (2.58 lbf ft)
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- Repeat these steps on the opposite side.

Finishing work

- Mount the seat. (📖 p. 93)

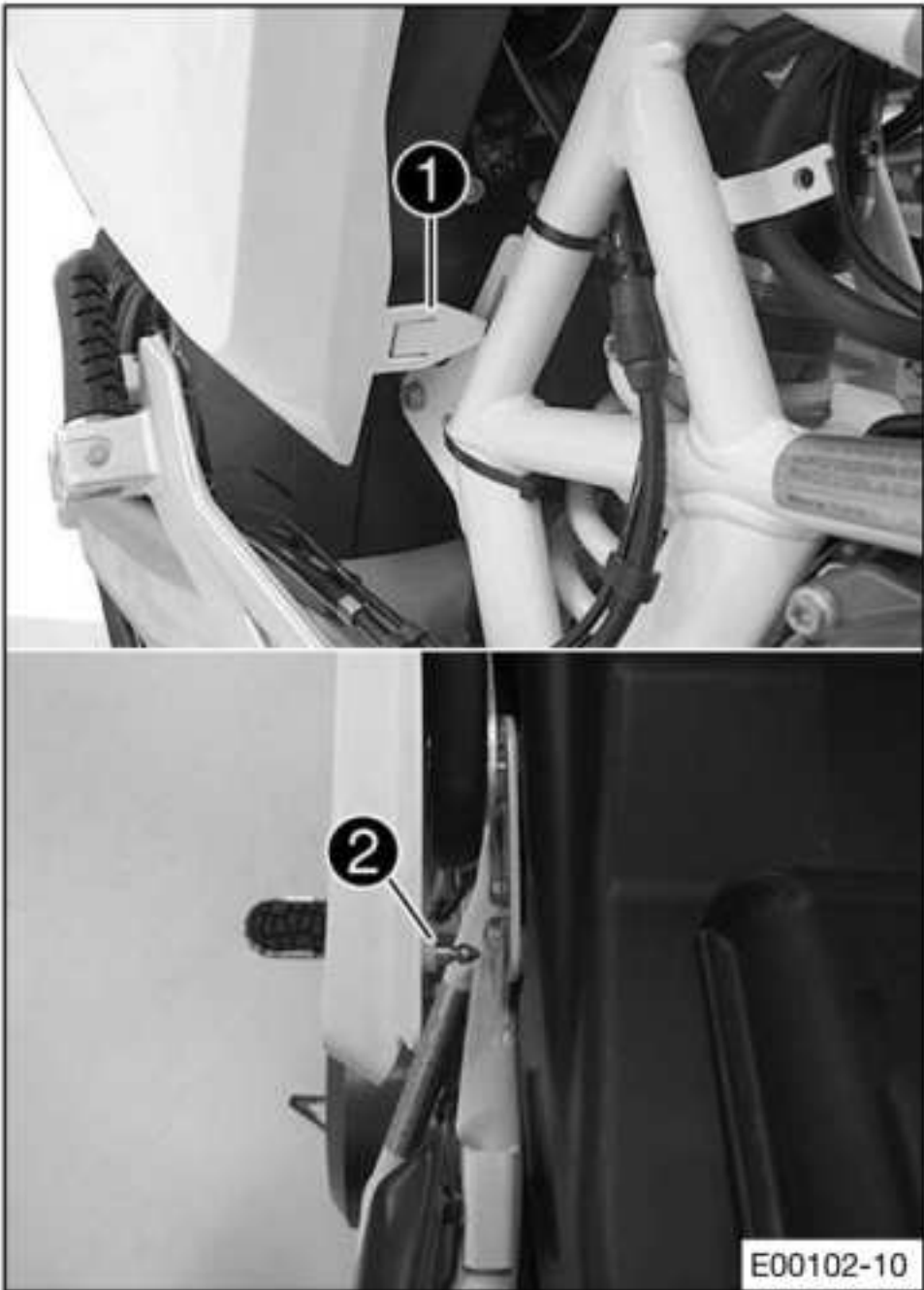
12.7 Removing the rear right side cover

Preparatory work

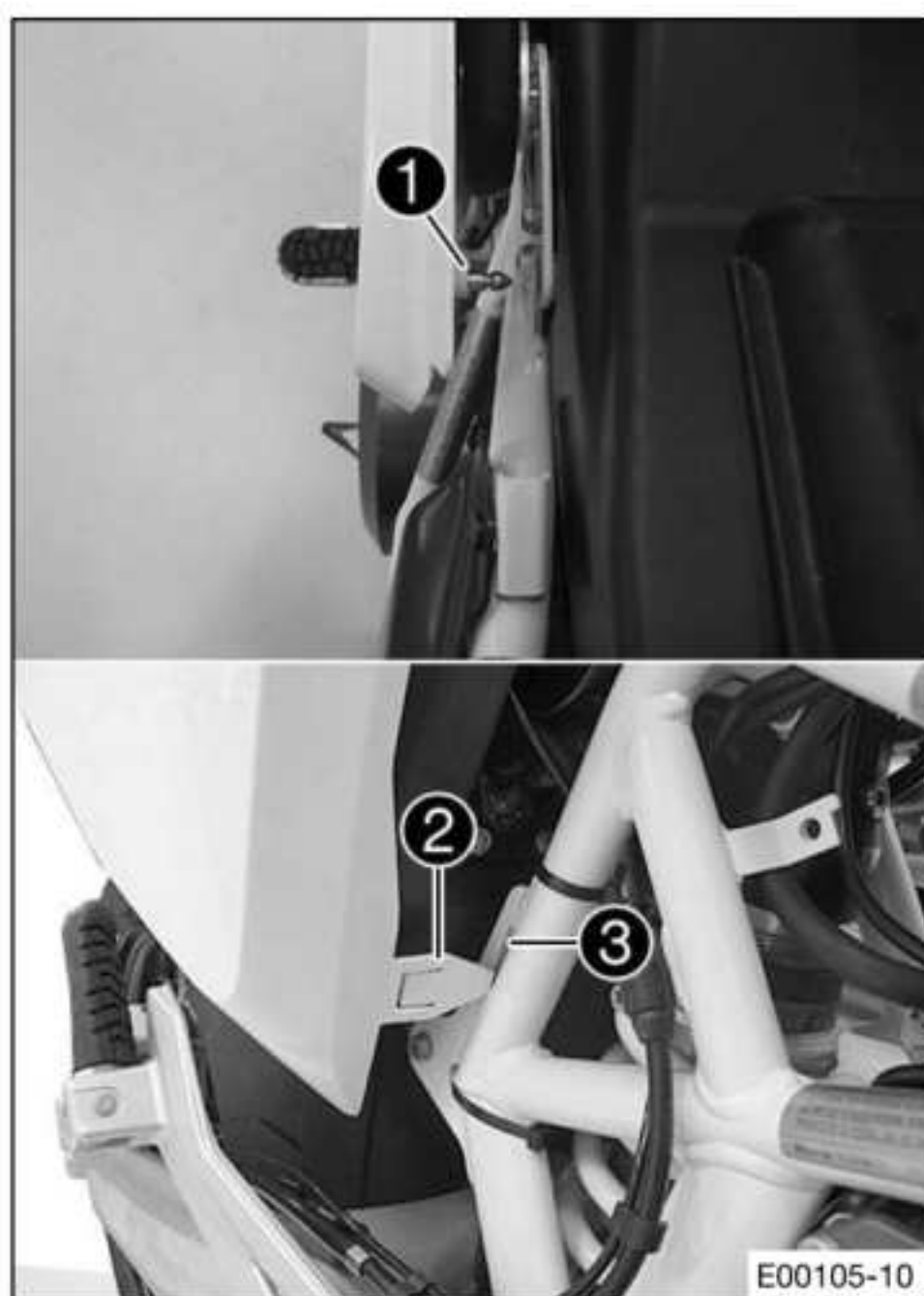
- Remove the seat. (📖 p. 93)
- Remove the rear fairing. (📖 p. 96)

Main work

- Unlock loop ① on the side cover.
- Detach holder ②.
- Remove the side cover downward opposite the direction of travel.



12.8 Installing the rear right side cover



Main work

- Position the side cover.
- Attach holder ①.
- Attach loop ② to opening ③ on the frame.

Finishing work

- Fit the rear fairing. (p. 97)
- Mount the seat. (p. 93)

12.9 Removing the rear left side cover



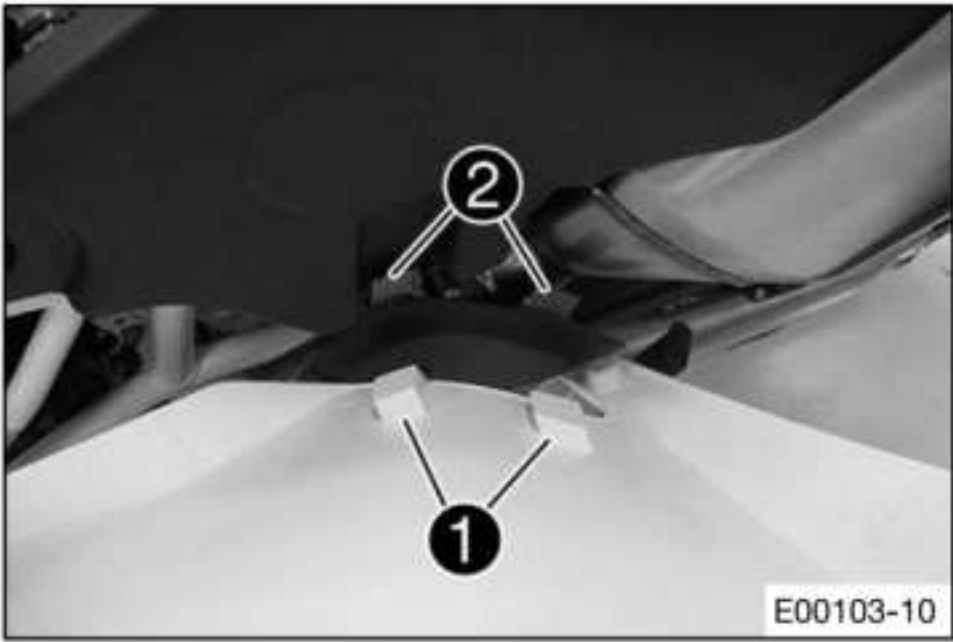
Preparatory work

- Remove the seat. (p. 93)
- Remove the rear fairing. (p. 96)

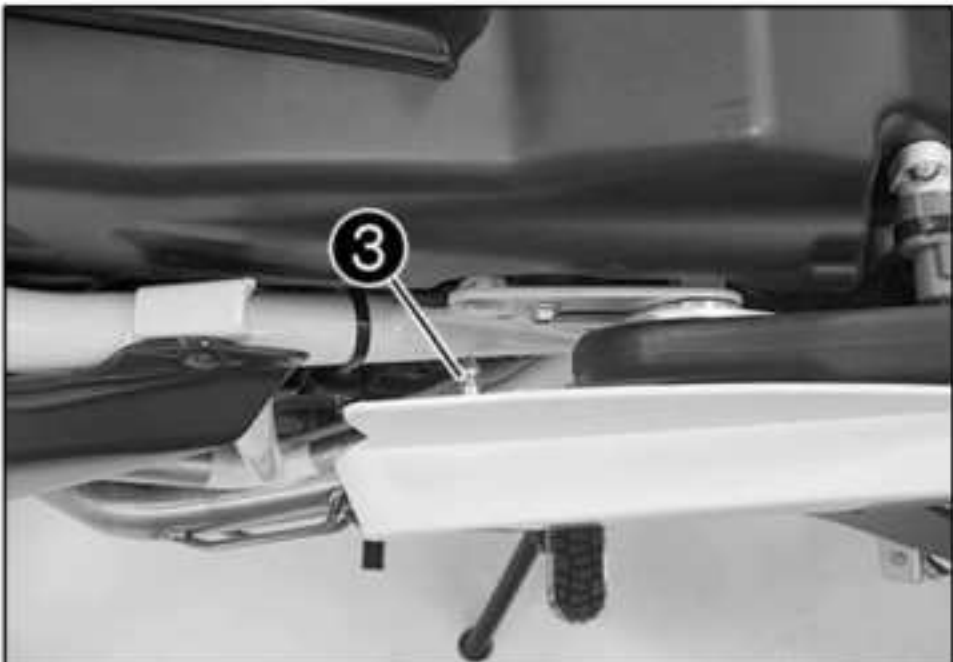
Main work

- Remove screw ①.
- Detach holder ②.
- Remove the side cover from above.

12.10 Installing the rear left side cover



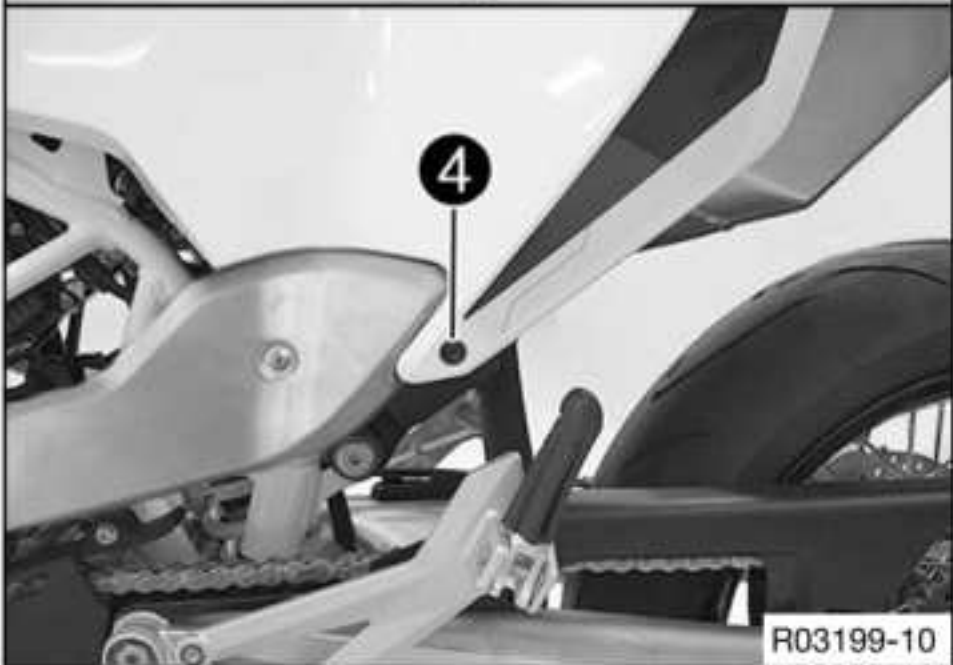
- Main work**
- Attach the side cover with holders 1 to holding lugs 2, and position on the fuel tank.



- Attach holder 3.
- Mount and tighten screw 4.

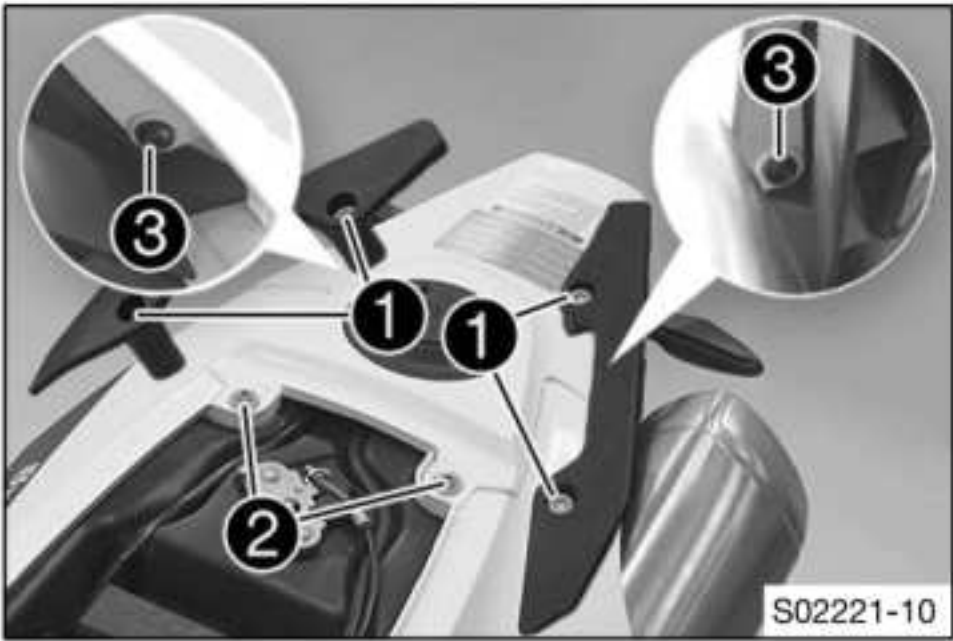
Guideline

Remaining screws, chassis	M5	4 Nm (3 lbf ft)
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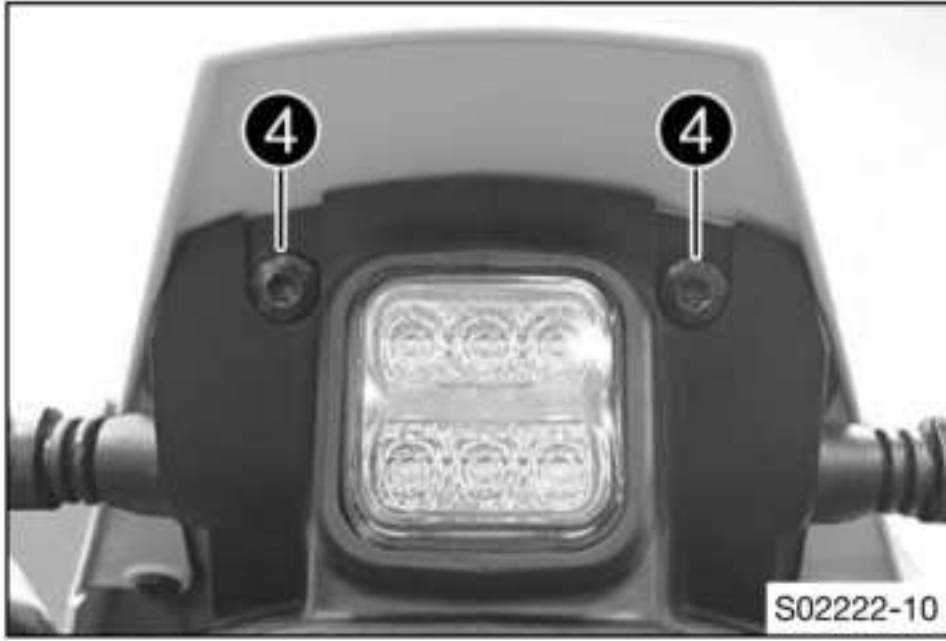
- Finishing work**
- Fit the rear fairing. (p. 97)
 - Mount the seat. (p. 93)

12.11 Removing the rear fairing



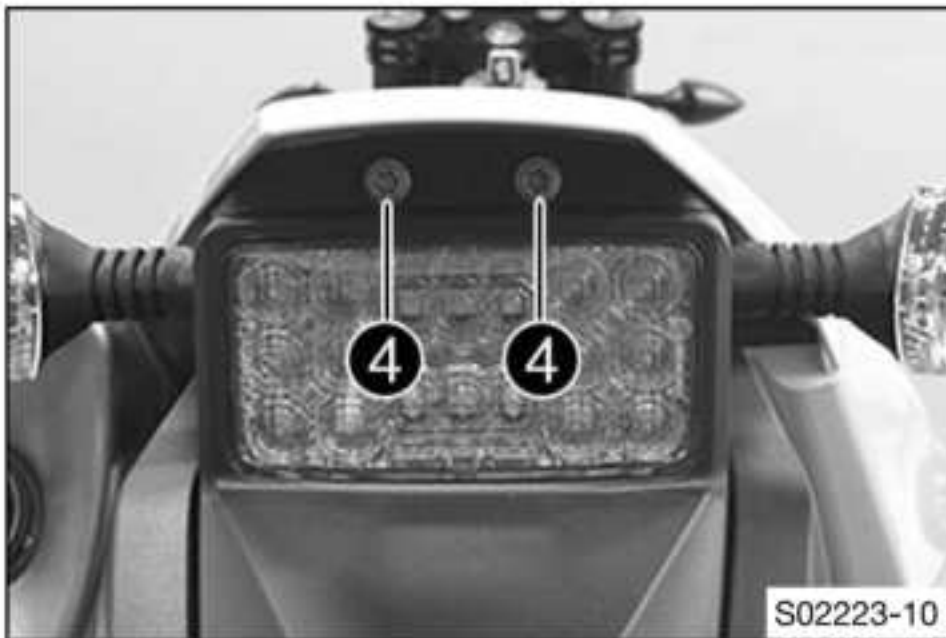
- Preparatory work**
- Remove the seat. (p. 93)

- Main work**
- Remove screws 1 and take off the grab handle.
 - Remove screws 2 and 3.



(EU)

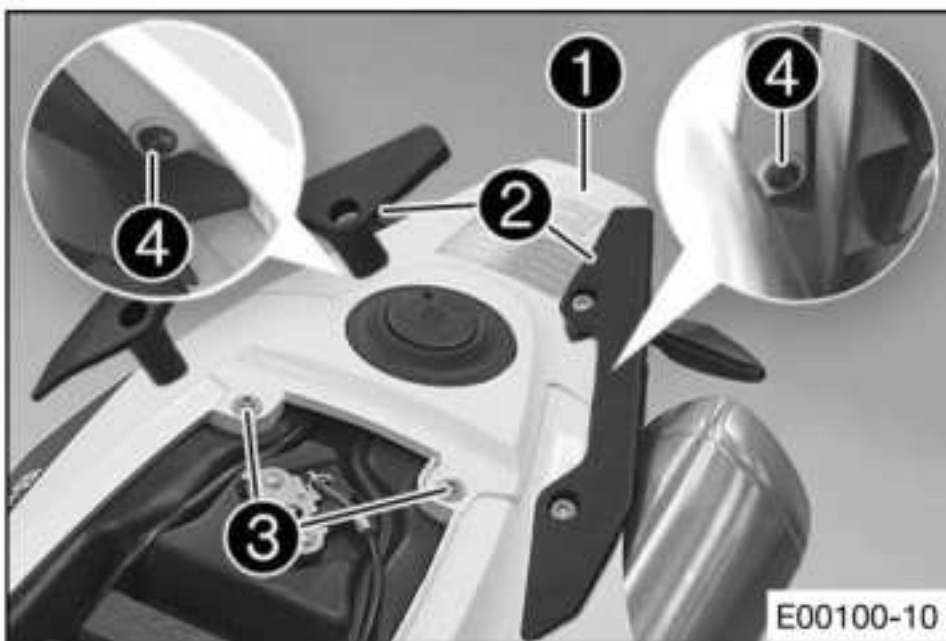
- Remove screws 4.
- Open fuel tank filler cap. (p. 92)
- Take off the rear fairing.
- Close the fuel tank filler cap. (p. 92)



(US)

- Remove screws 4.
- Open fuel tank filler cap. (p. 92)
- Take off the rear fairing.
- Close the fuel tank filler cap. (p. 92)

12.12 Fitting the rear fairing



Main work

- Open fuel tank filler cap. (p. 92)
- Position rear fairing 1 and grab handles 2 as shown in the figure.
- Mount, but do not yet tighten, the screws of the grab handles.

- Mount and tighten screws 3.

Guideline

Rear fairing screw, tail light	M6	2 Nm (1.5 lbf ft)
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- Mount and tighten screws 4.

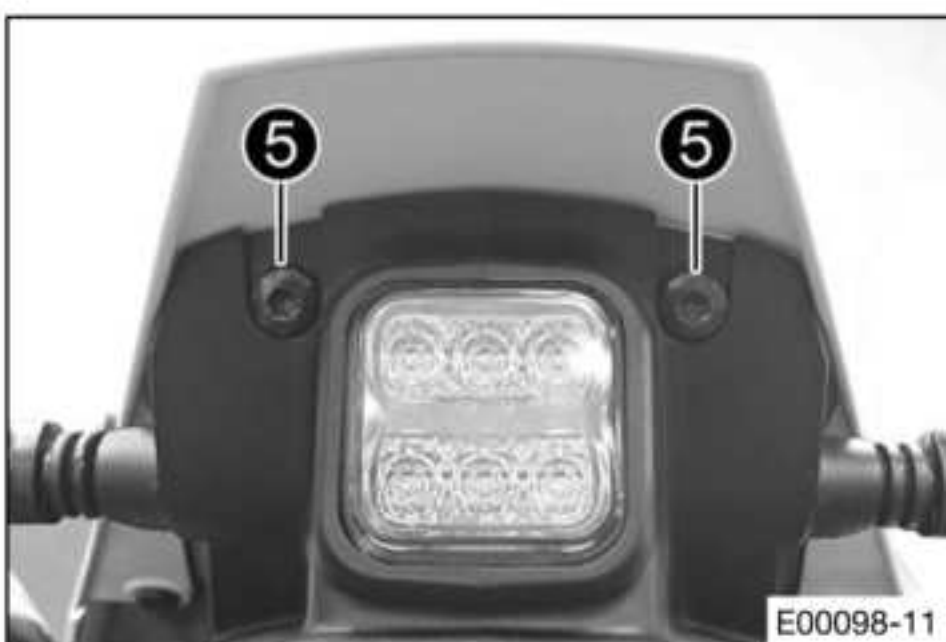
Guideline

Rear fairing screw	M6	3.5 Nm (2.58 lbf ft)
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- Close the fuel tank filler cap. (p. 92)
- Tighten the screws of the grab handles.

Guideline

Screw, grab handle	M8	10 Nm (7.4 lbf ft)
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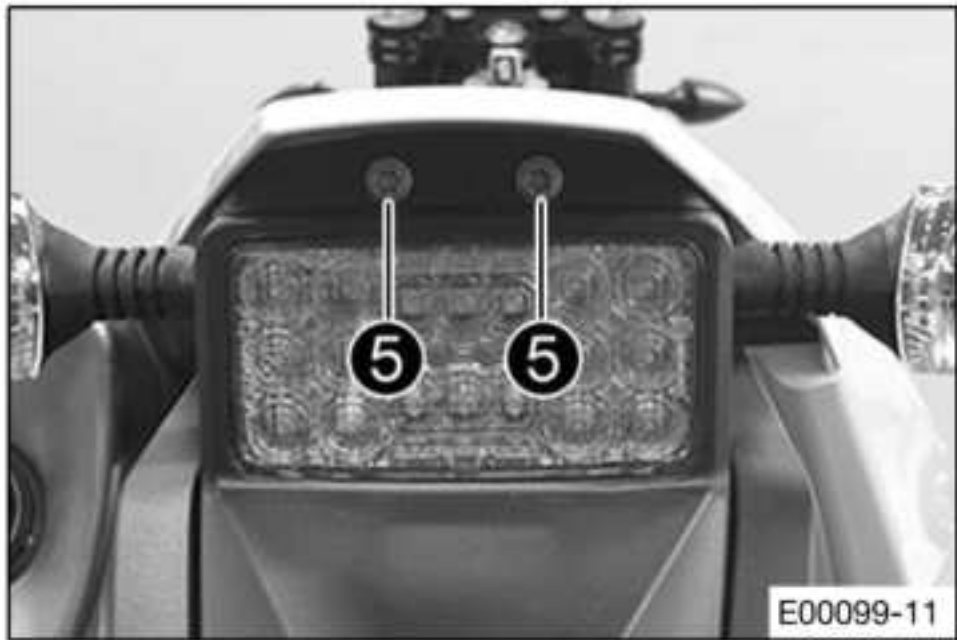


(EU)

- Mount and tighten screws 5.

Guideline

Rear fairing screw, tail light	M5	2 Nm (1.5 lbf ft)
--------------------------------	----	-------------------



(US)

- Mount and tighten screws 5.

Guideline

Rear fairing screw, tail light	M5	2 Nm (1.5 lbf ft)
--------------------------------	----	-------------------

Finishing work

- Mount the seat. (p. 93)

12.13 Checking the fuel pressure



Danger

Fire hazard Fuel is highly flammable.

The fuel in the fuel tank expands when warm and can escape if overfilled.

- Do not refuel the vehicle in the vicinity of open flames or lit cigarettes.
- Switch off the engine for refueling.
- Make sure that no fuel is spilled; particularly not on hot parts of the vehicle.
- If any fuel is spilled, wipe it off immediately.
- Observe the specifications for refueling.



Warning

Danger of poisoning Fuel is poisonous and a health hazard.

- Avoid skin, eye and clothing contact with fuel.
- Immediately consult a doctor if you swallow fuel.
- Do not inhale fuel vapors.
- In case of skin contact, rinse the affected area with plenty of water.
- Rinse the eyes thoroughly with water, and consult a doctor in case of fuel contact with the eyes.
- Change your clothing in case of fuel spills on them.
- Keep fuels correctly in a suitable canister, and out of the reach of children.

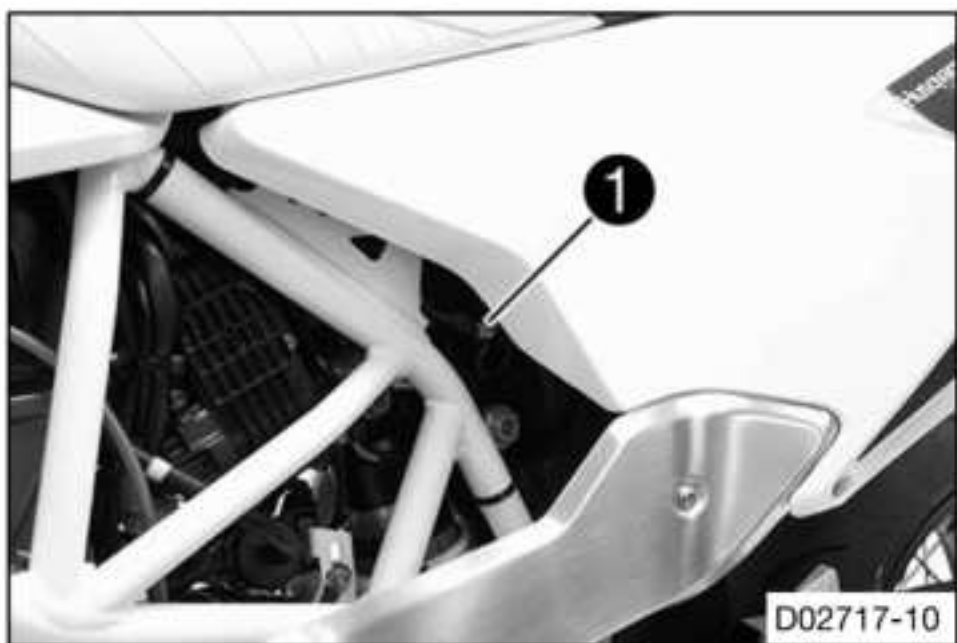
Condition

The fuel tank is completely full.

Ensure that the battery voltage does not drop below 12.5 V.

The ignition is off.

- Thoroughly clean the plug-in connection of the fuel line using compressed air.



Info

Under no circumstances should dirt enter into the fuel line. Dirt in the fuel line clogs the injection valve!

- Press on the small metal plate and disconnect fuel hose connection 1.



Info

Remaining fuel may flow out of the fuel hose.