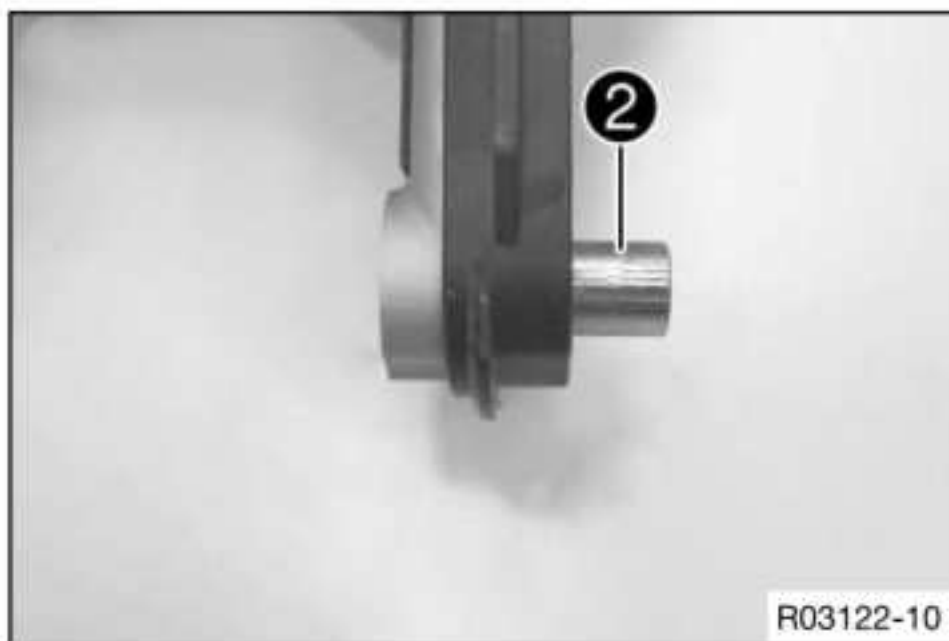
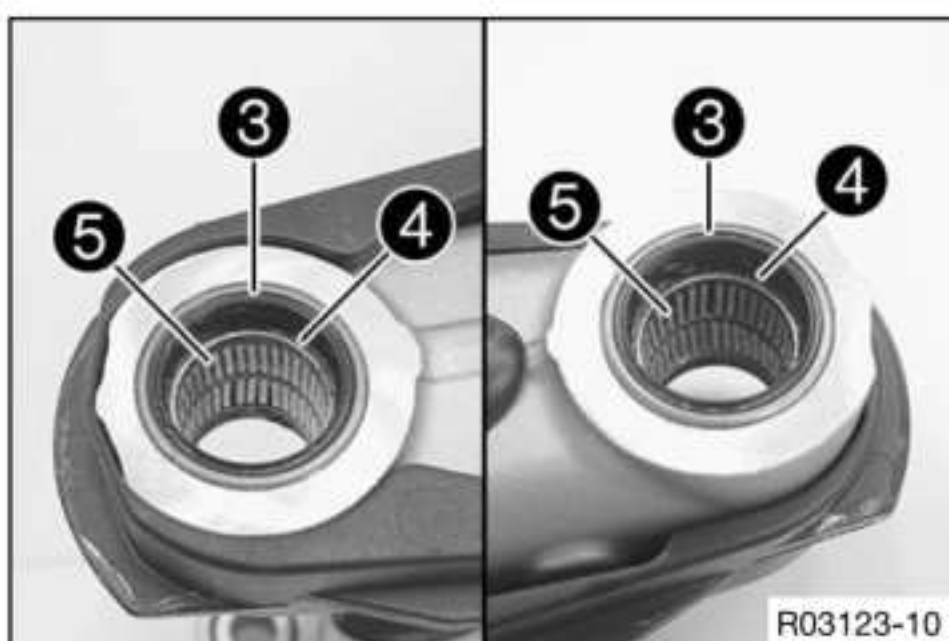


Left fork bearing

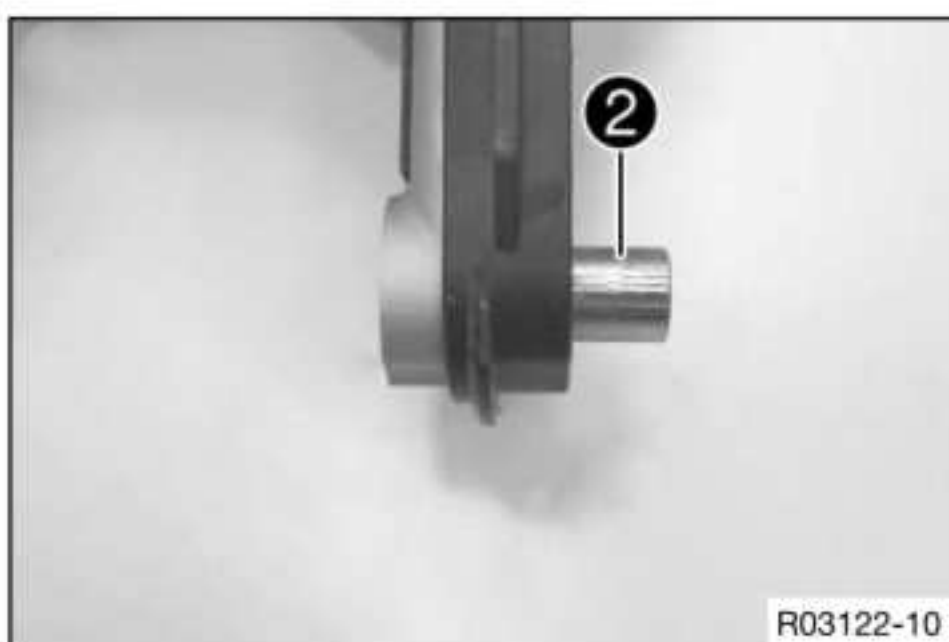
- Remove collar bushings **1**.



- Remove bushing **2**.

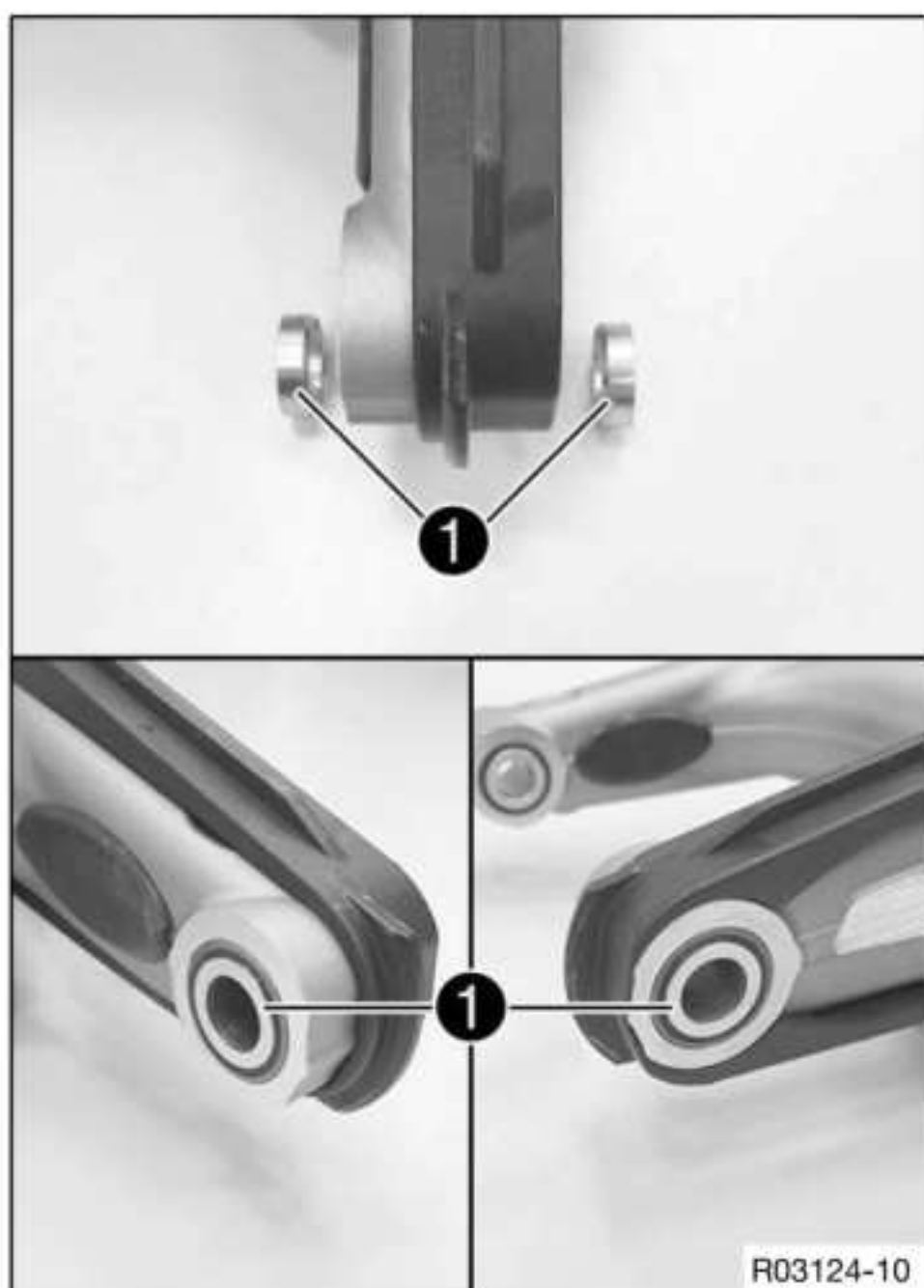


- Remove shaft seal rings **3** using a suitable tool.
- Remove stop disks **4**.
- Press out bearing **5** using a suitable tool.
- Using a suitable tool, press in new bearing **5**.
- Position the stop disks **4**.
- Press in shaft seal rings **3**.



- Mount bushing **2**.

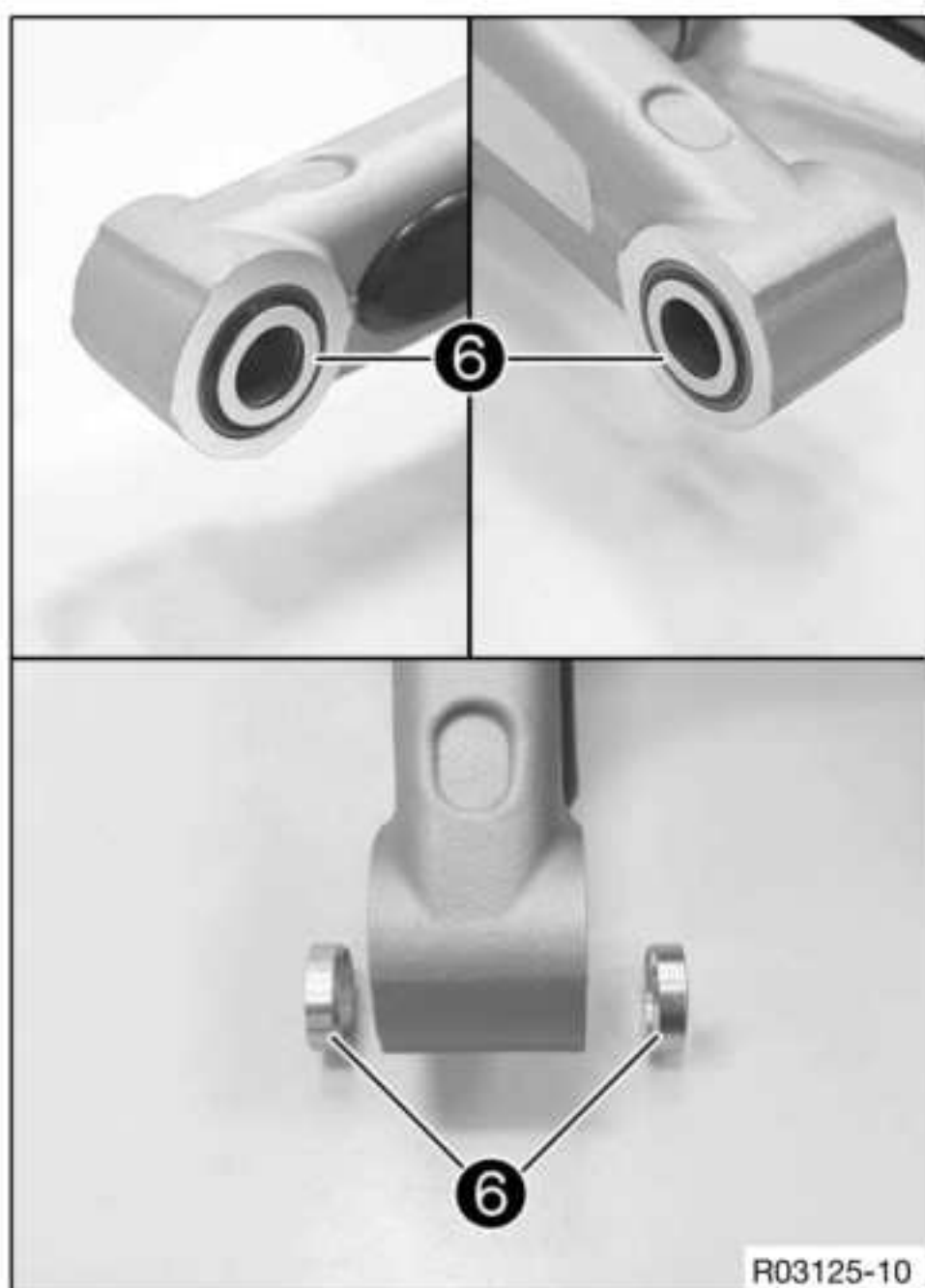
9 SHOCK ABSORBER, LINK FORK



- Grease the shaft seal rings.

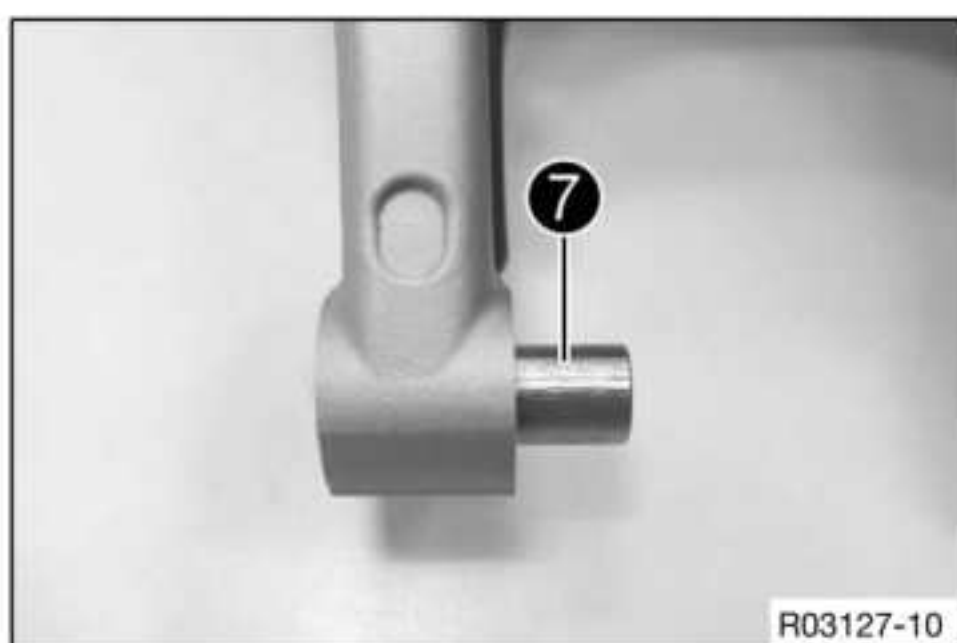
Long-life grease (📖 p. 378)

- Position the collar bushings **1** with the shoulder facing inward.

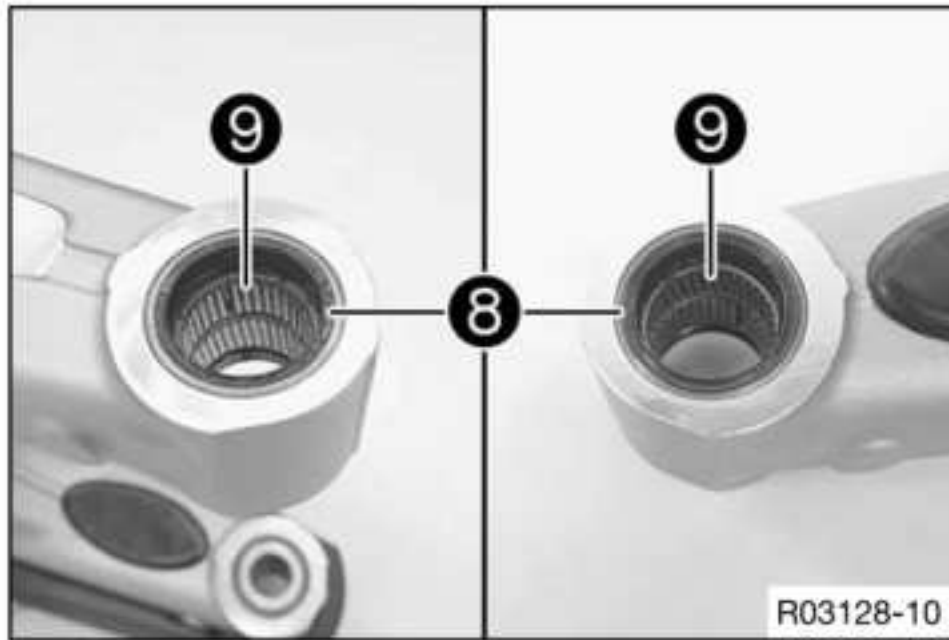


Right fork bearing

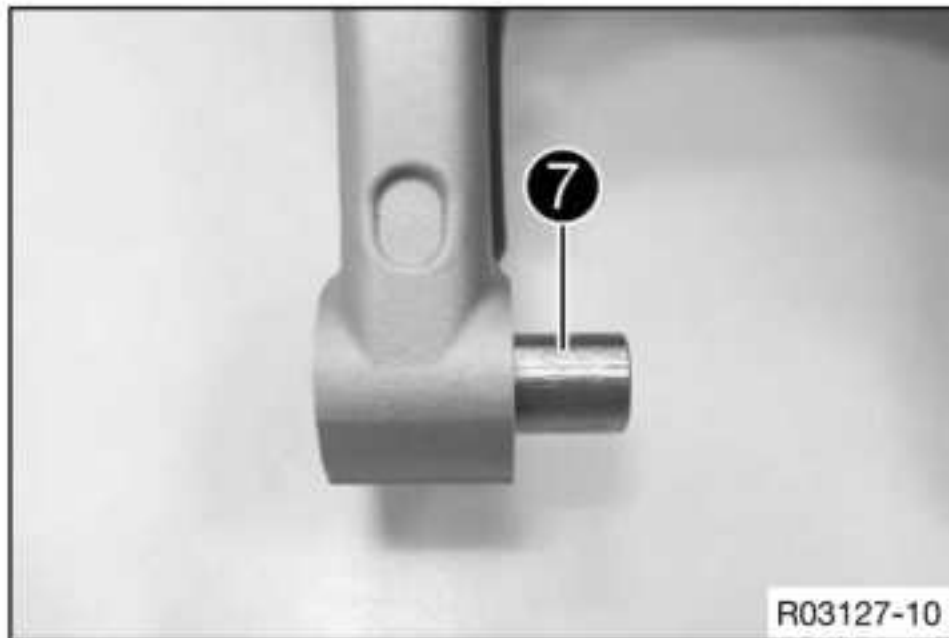
- Remove collar bushings **6**.



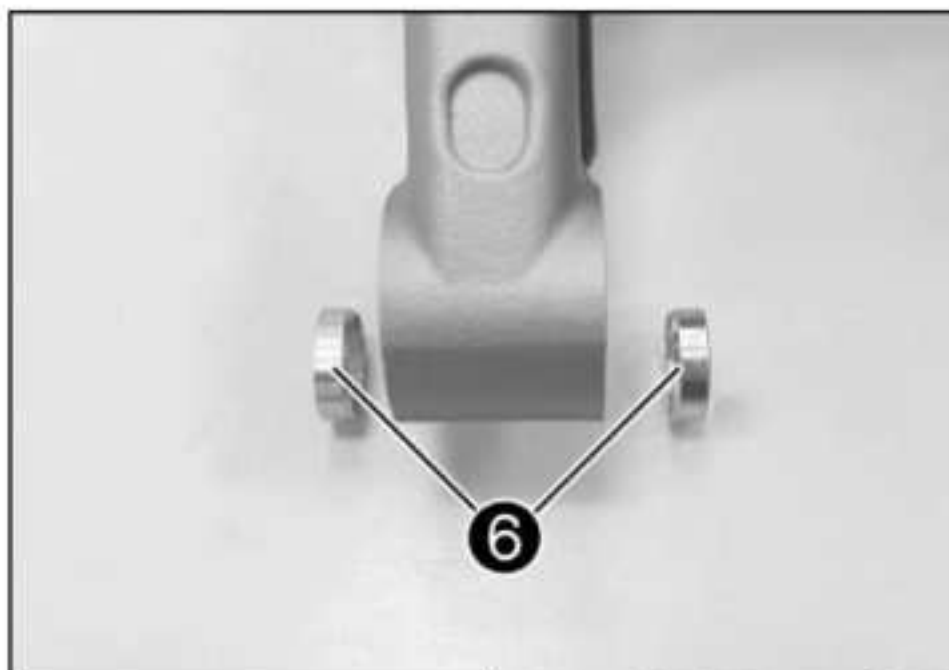
- Remove bushing **7**.



- Remove shaft seal rings **8** using a suitable tool.
- Press out bearing **9** using a suitable tool.
- Using a suitable tool, press in new bearing **9**.
- Press in shaft seal rings **8**.



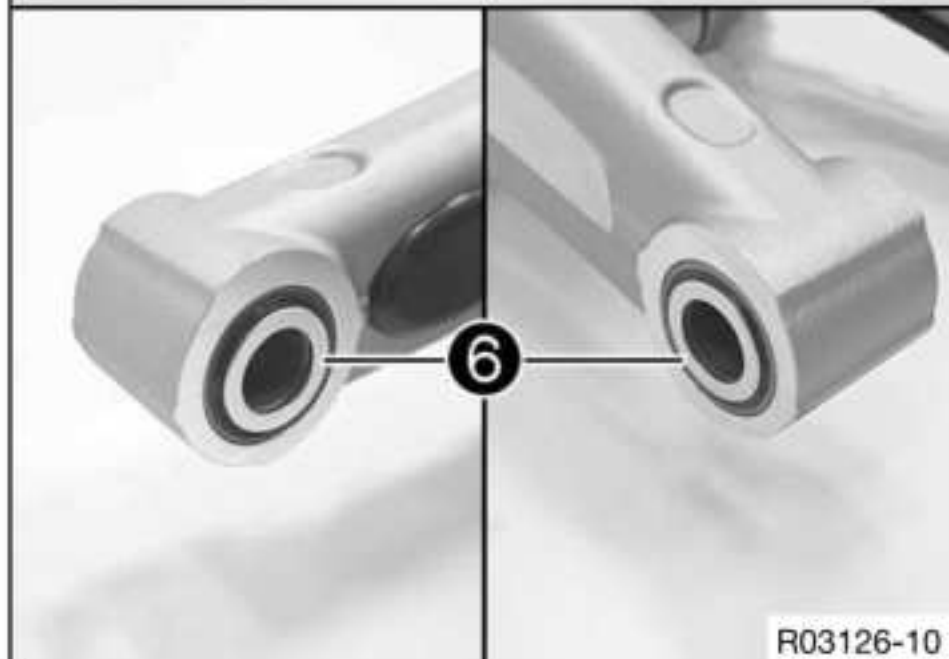
- Mount bushing **7**.



- Grease the shaft seal rings.

Long-life grease (📖 p. 378)

- Position the collar bushings **6** with the shoulder facing inward.



Finishing work

- Install the link fork. (📖 p. 77)
- Install the rear wheel using a work stand. (📖 p. 122)
- Remove the motorcycle from the work stand. (📖 p. 15)
- Check the chain tension. (📖 p. 130)
- Check the free travel of the foot brake lever. (📖 p. 161)

10.1 Removing the manifold



Warning

Danger of burns The exhaust system gets very hot when the vehicle is driven.

- Allow the exhaust system to cool down before performing any work on the vehicle.

Preparatory work

- Remove the seat. (📖 p. 93)
- Take off the side cover. (📖 p. 93)

Main work

- Remove the cable ties.
- Expose and disconnect plug-in connector **1** of the lambda sensor.
- Feed out the cable of the lambda sensor.



- Remove screws **2** and screw **3**.
- Remove the exhaust heat shield.

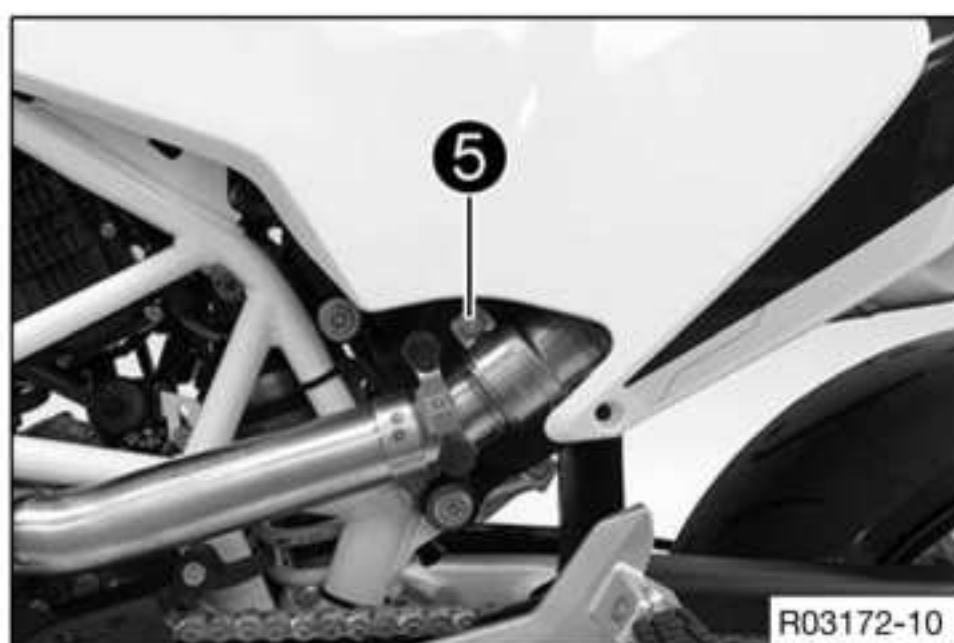


- Remove nuts **4**.

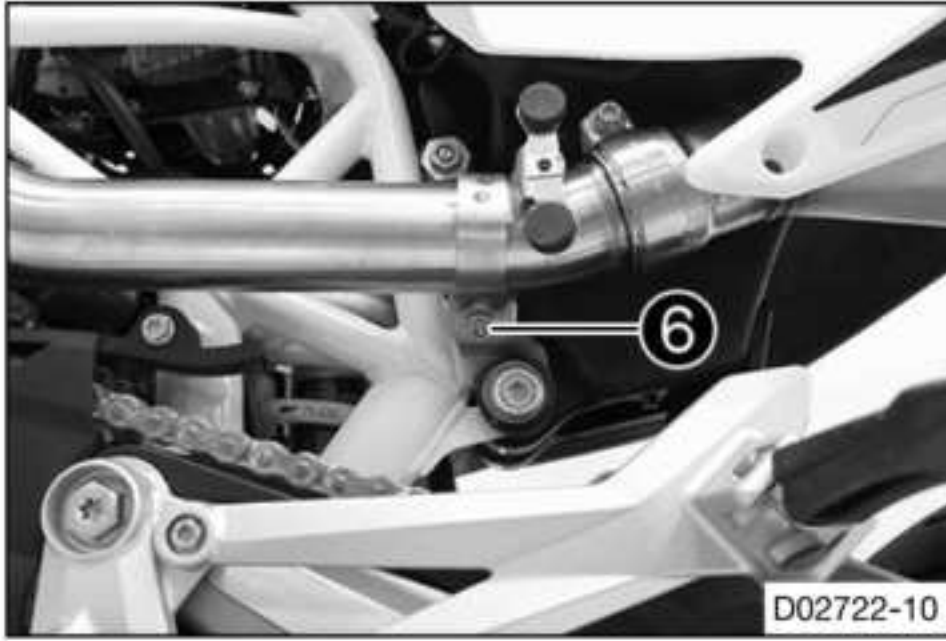


Info

Do not misplace the spacer.



- Loosen screw **5**.



- Remove screw ⑥.
- Take off the manifold.

10.2 Installing the manifold

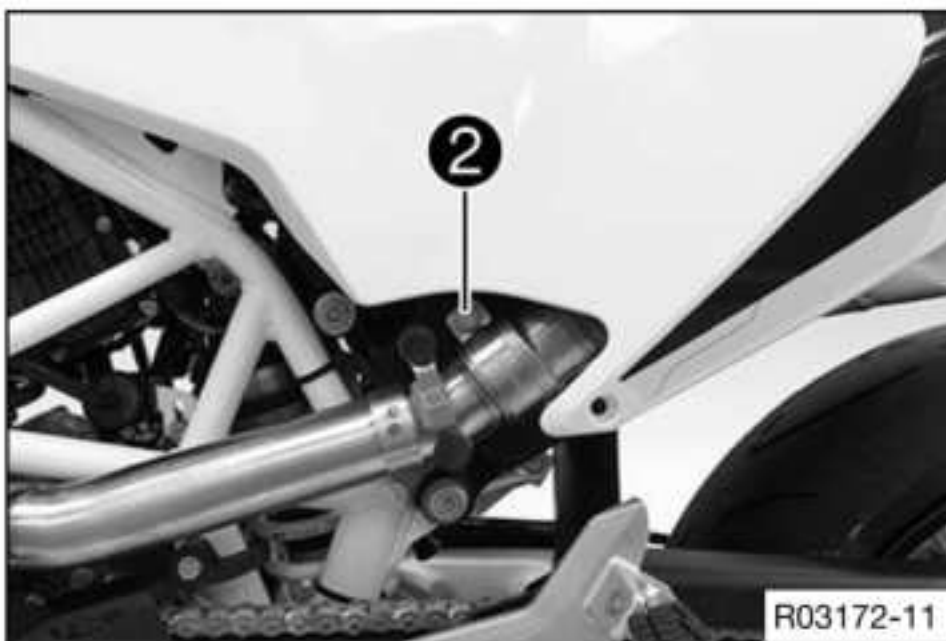


Main work

- Position the manifold with the seals.
- Position the spacer.
- Mount and tighten nuts ① with the gasket.

Guideline

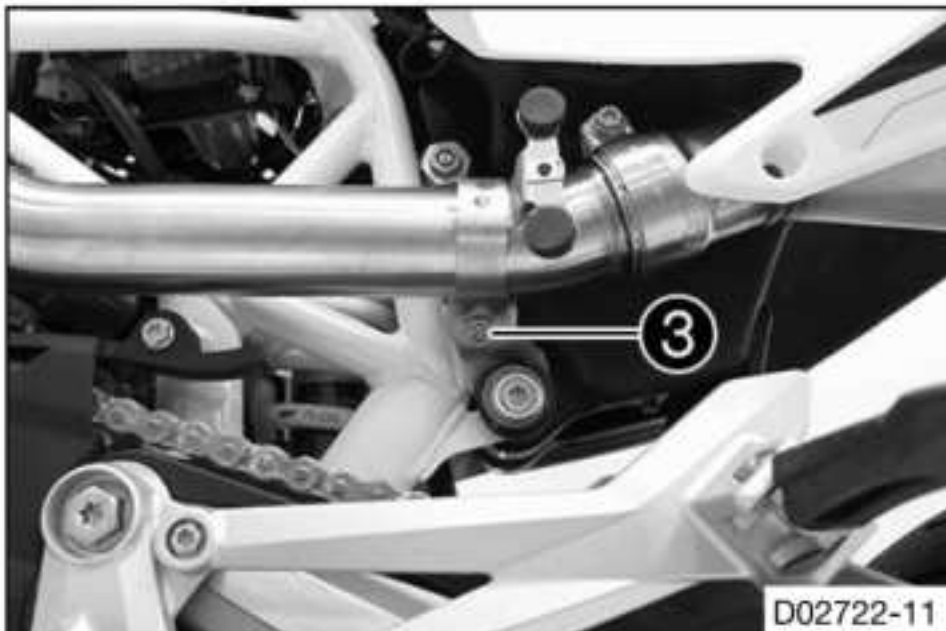
| | | |
|--------------------------------|----|-------------------------------------|
| Nut, manifold on cylinder head | M8 | 20 Nm (14.8 lbf ft) Copper paste |
|--------------------------------|----|-------------------------------------|



- Position the screw clamp.
- Tighten screw ②.

Guideline

| | | |
|----------------------------|----|------------------------------------|
| Screw, main silencer clamp | M8 | 12 Nm (8.9 lbf ft) Copper paste |
|----------------------------|----|------------------------------------|



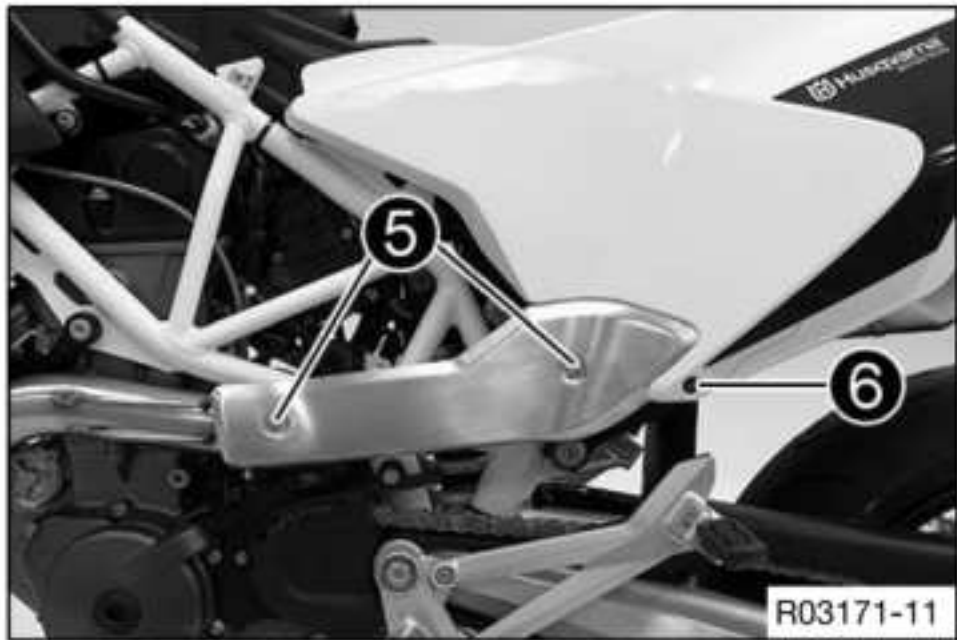
- Position the screw clamp.
- Mount and tighten screw ③.

Guideline

| | | |
|----------------------|----|------------------------------------|
| Screw, exhaust clamp | M8 | 12 Nm (8.9 lbf ft) Copper paste |
|----------------------|----|------------------------------------|



- Connect plug-in connector ④ of the lambda sensor.
- Route the cable without tension and secure with cable ties.



- Position the exhaust heat guard.
- Mount and tighten screws 5.

Guideline

| | | |
|----------------------------|----|--|
| Screw, exhaust heat shield | M5 | 8 Nm (5.9 lbf ft) Loctite®243™ |
|----------------------------|----|--|

- Mount and tighten screw 6.

Guideline

| | | |
|-------------|-------|----------------------|
| Screw, trim | M5x12 | 3.5 Nm (2.58 lbf ft) |
|-------------|-------|----------------------|

Finishing work

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

10.3 Removing the main silencer

Warning

Danger of burns The exhaust system gets very hot when the vehicle is driven.

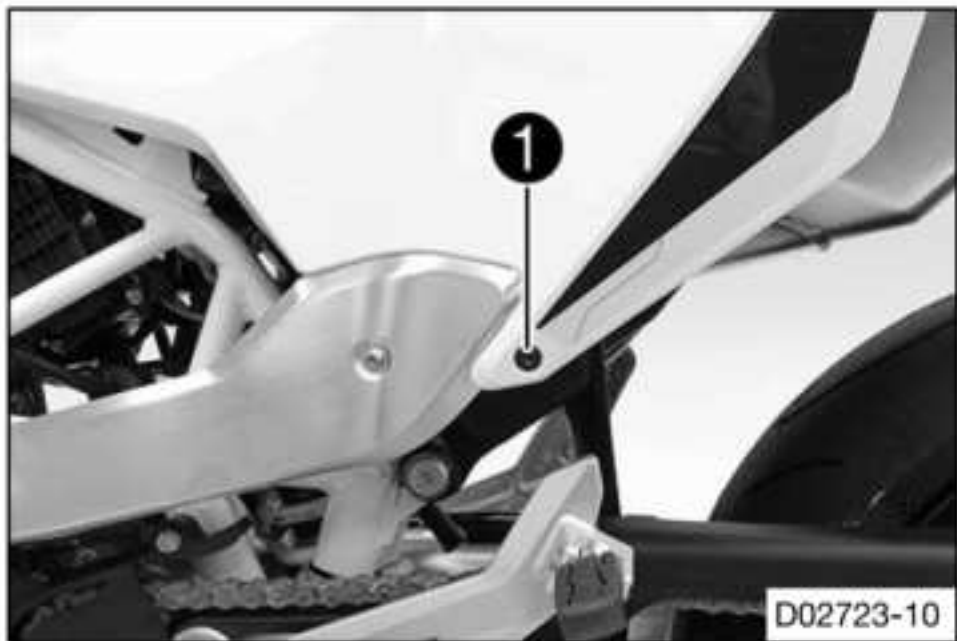
- Allow the exhaust system to cool down before performing any work on the vehicle.

Preparatory work

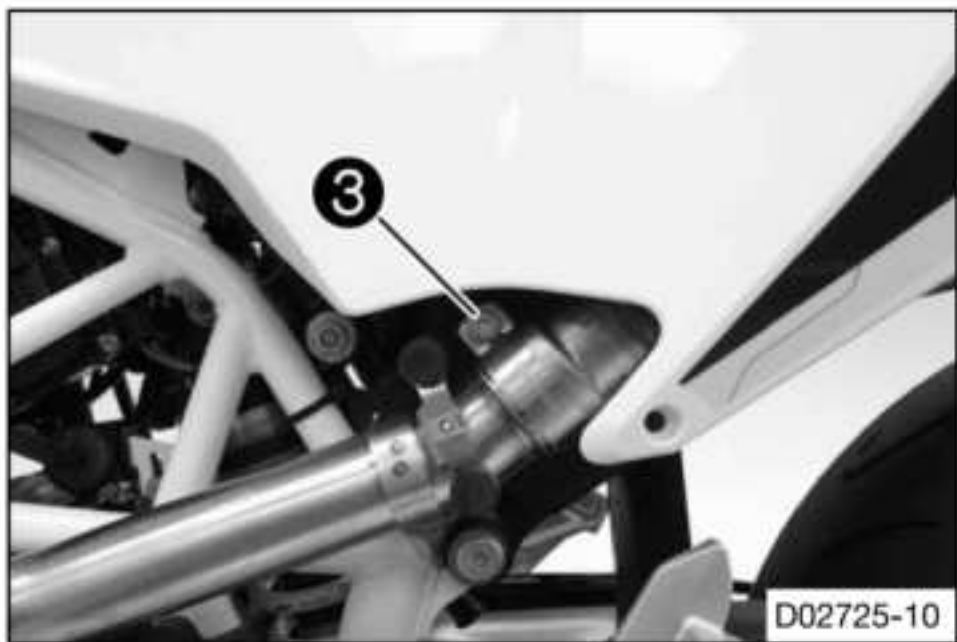
- Remove the seat. (p. 93)

Main work

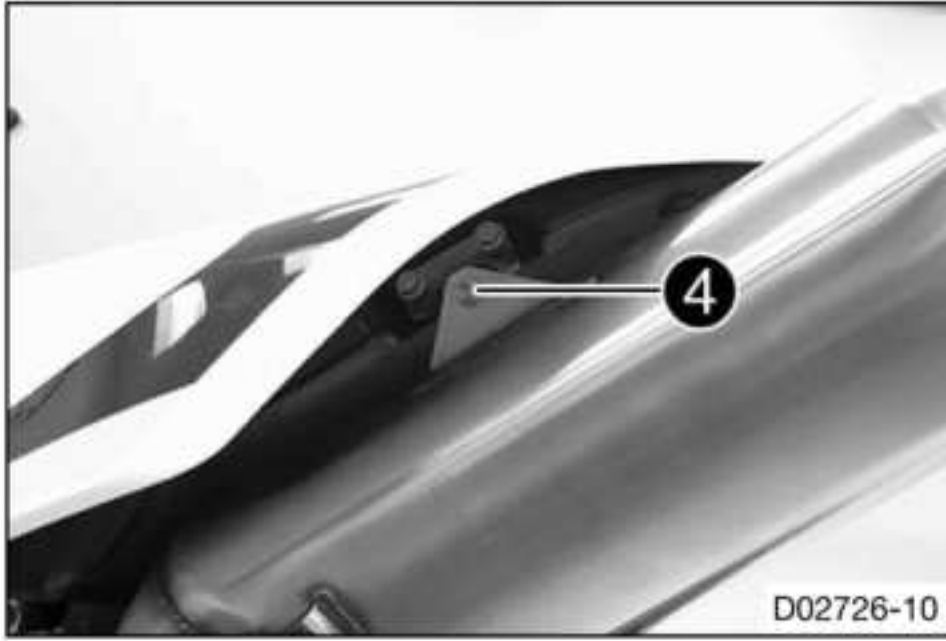
- Remove screw 1.



- Remove screws 2.
- Remove the exhaust heat guard.

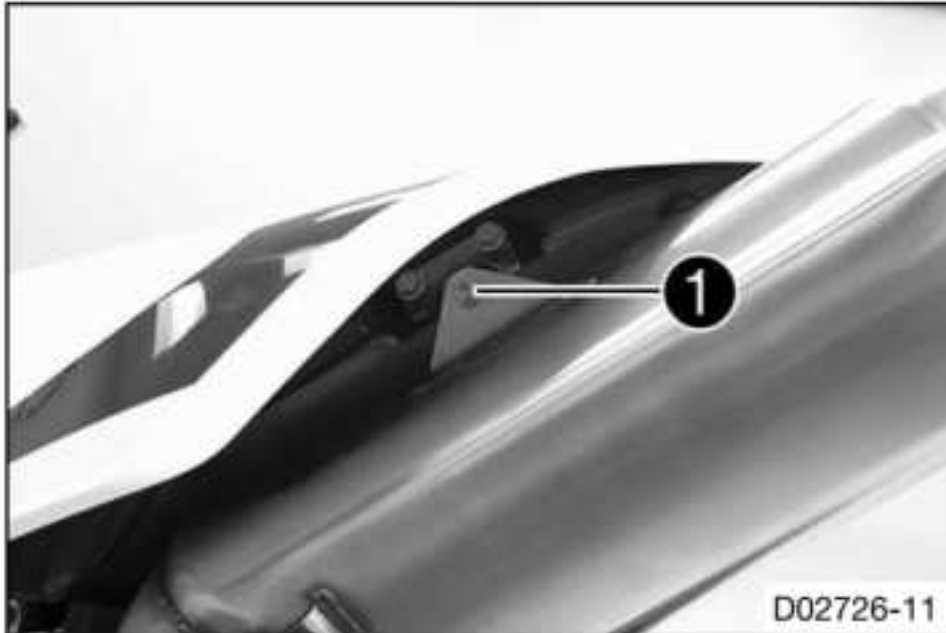


- Loosen screw 3.



- Lift the rear fairing.
- Remove screw ④.
- Take off the main silencer.

10.4 Installing the main silencer

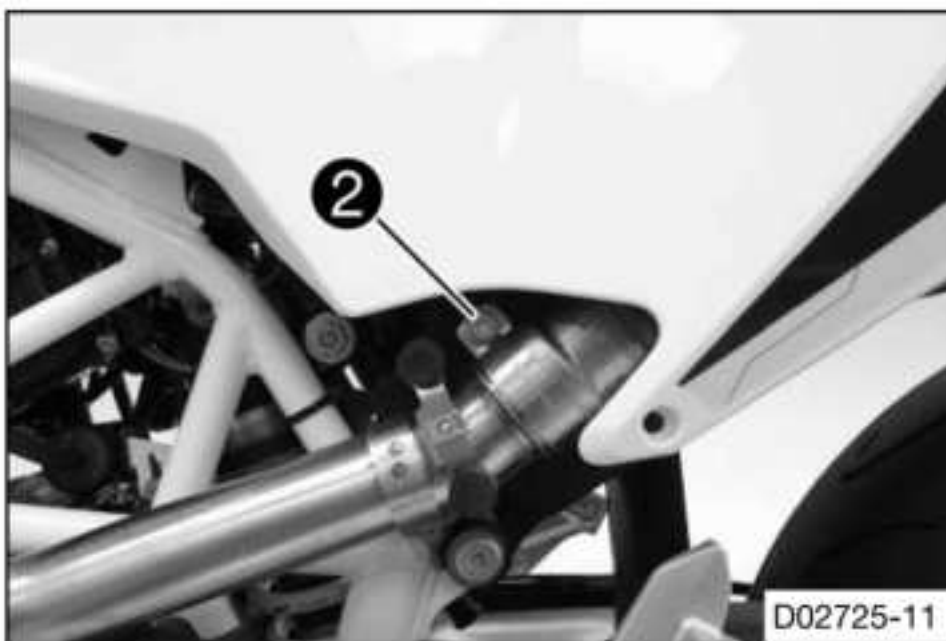


Main work

- Lift the rear fairing.
- Position the main silencer.
- Mount and tighten screw ①.

Guideline

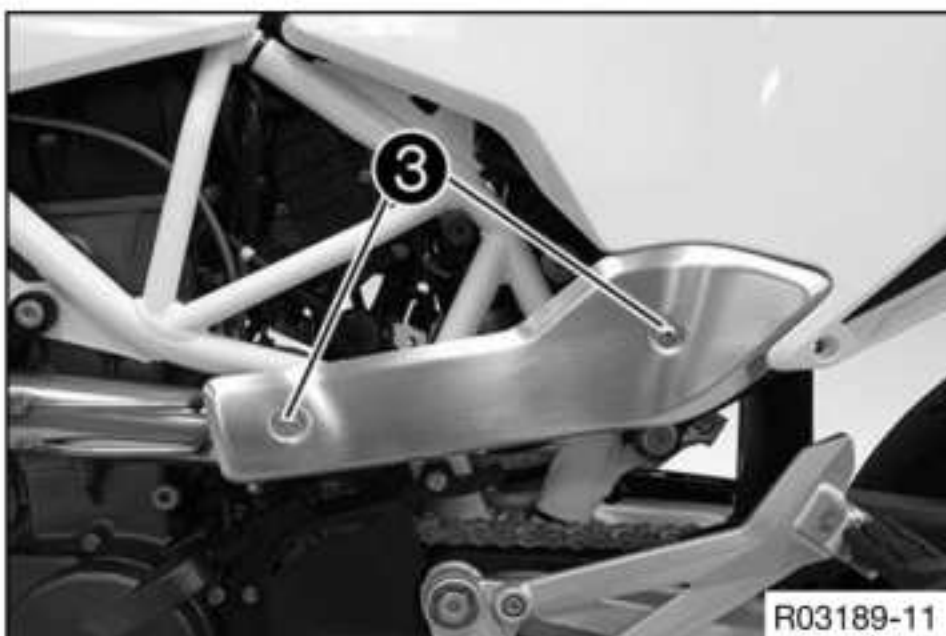
| | | |
|-----------------------------|----|---------------------|
| Screw, main silencer holder | M8 | 25 Nm (18.4 lbf ft) |
|-----------------------------|----|---------------------|



- Position the screw clamp.
- Tighten screw ②.

Guideline

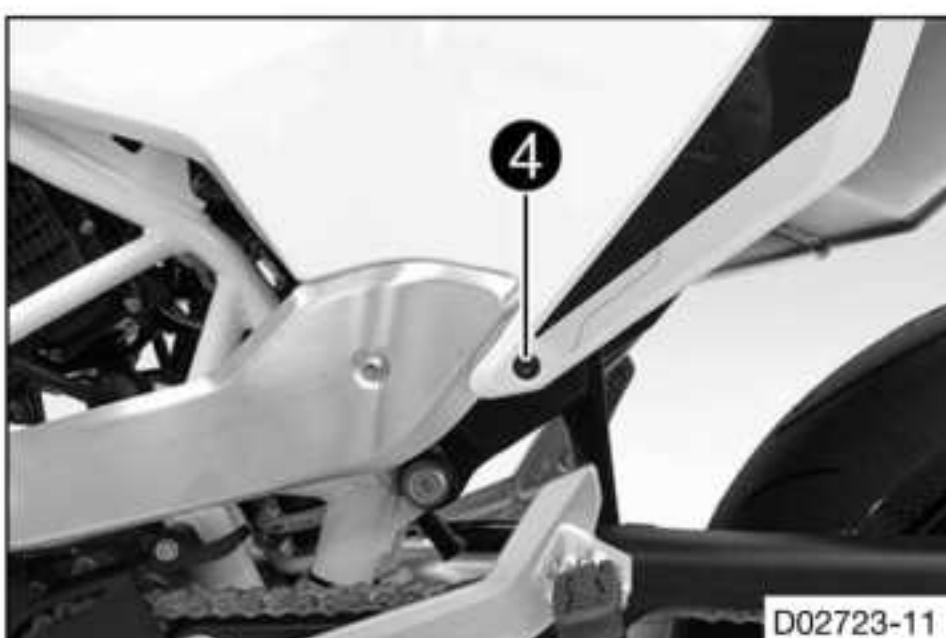
| | | |
|----------------------------|----|------------------------------------|
| Screw, main silencer clamp | M8 | 12 Nm (8.9 lbf ft) Copper paste |
|----------------------------|----|------------------------------------|



- Position the exhaust heat guard.
- Mount and tighten screws ③.

Guideline

| | | |
|----------------------------|----|---|
| Screw, exhaust heat shield | M5 | 8 Nm (5.9 lbf ft) Loctite® 243™ |
|----------------------------|----|---|



- Mount and tighten screw ④.

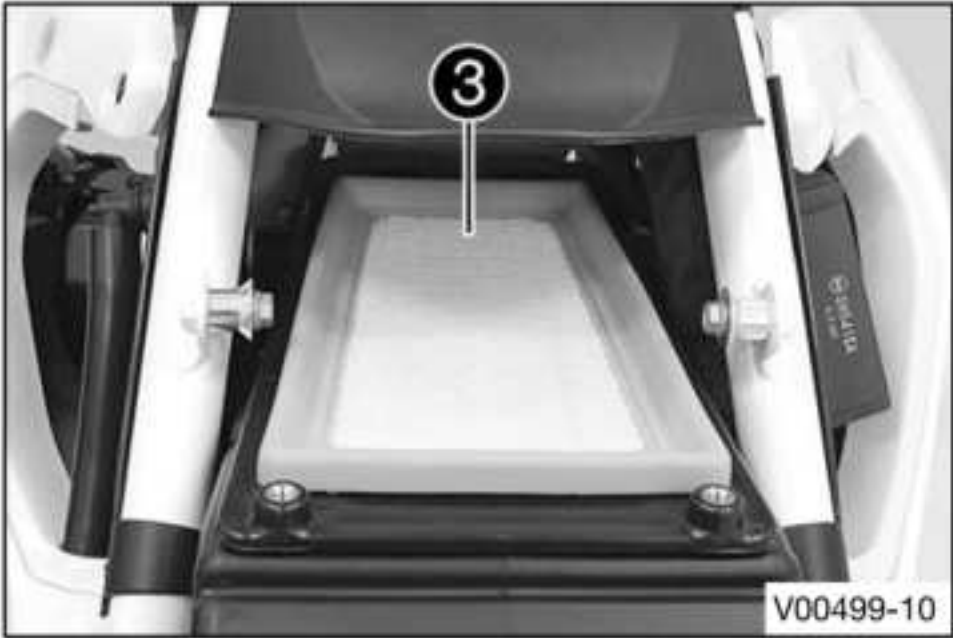
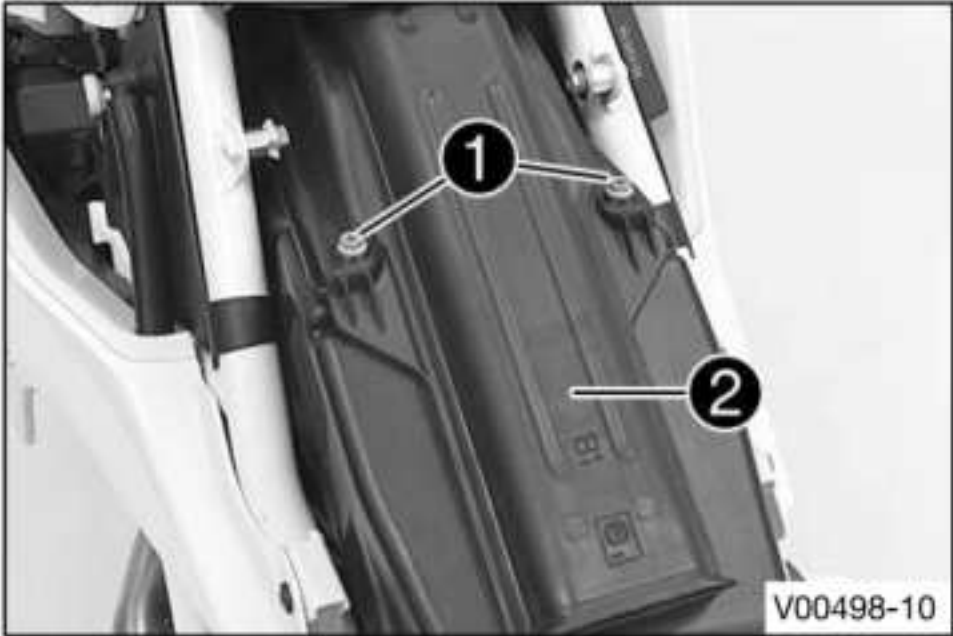
Guideline

| | | |
|-------------|-------|----------------------|
| Screw, trim | M5x12 | 3.5 Nm (2.58 lbf ft) |
|-------------|-------|----------------------|

Finishing work

- Mount the seat. (📖 p. 93)

11.1 Removing the air filter



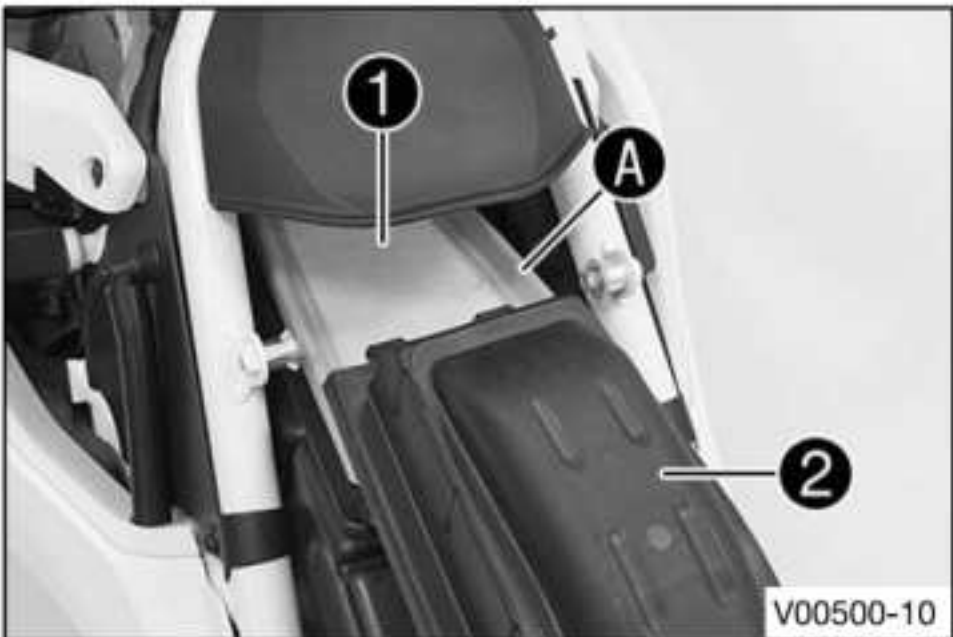
Preparatory work
– Remove the seat. (📖 p. 93)

Main work
– Remove screws ①.
– Remove the upper part of the air filter box ②.

Note
Engine damage Unfiltered intake air has a negative effect on the service life of the engine.
Dust and dirt will enter the engine without an air filter.
– Never start to use the vehicle without an air filter.

– Remove air filter ③.

11.2 Installing the air filter



Main work
– Clean the air filter box.
– Mount air filter ①.

i Info
The air filter must lie flush against the air filter box along the entire sealing surface A.
If the air filter is not mounted correctly, dust and dirt may enter the engine and result in damage.

– Hook air filter box top ② into the front of the air filter box and swing down.
– Mount and tighten screws ③.

Guideline

| | | |
|---------------------------|----|-------------------|
| Screw, air filter box top | M6 | 2 Nm (1.5 lbf ft) |
|---------------------------|----|-------------------|

Finishing work
– Mount the seat. (📖 p. 93)

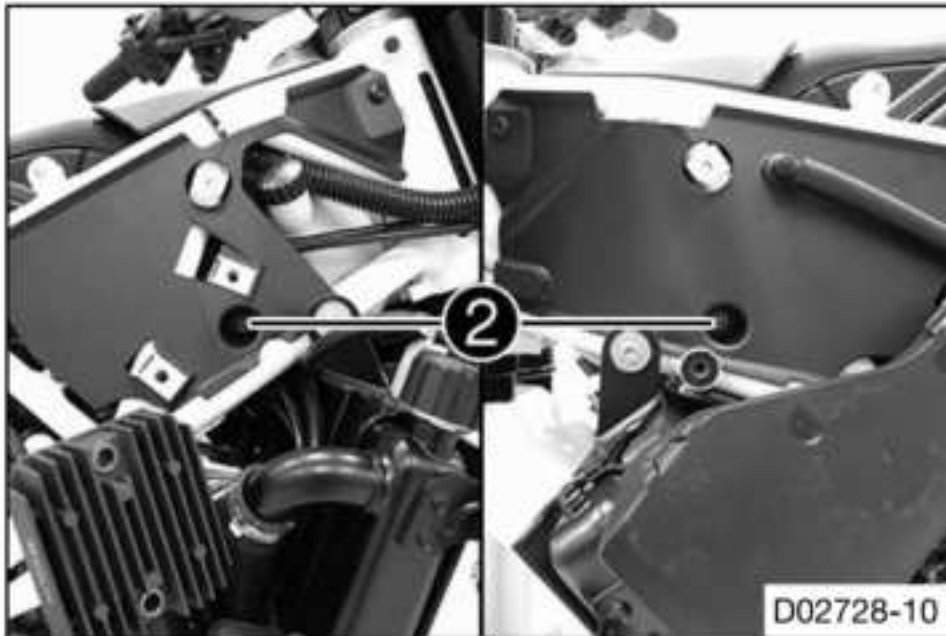
11.3 Removing the air filter box

Preparatory work

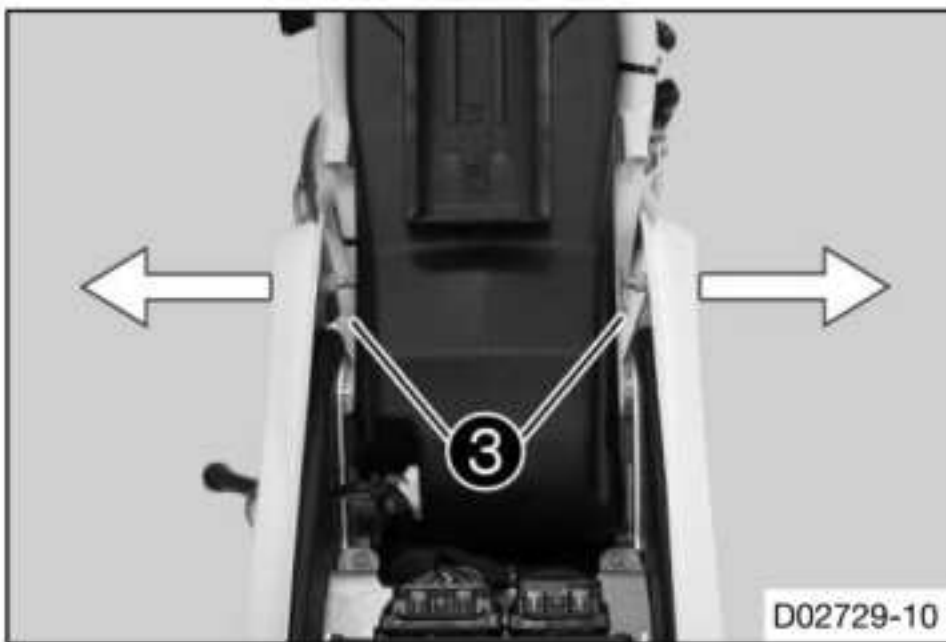
- Remove the seat. (📖 p. 93)
- Take off the side cover. (📖 p. 93)

Main work

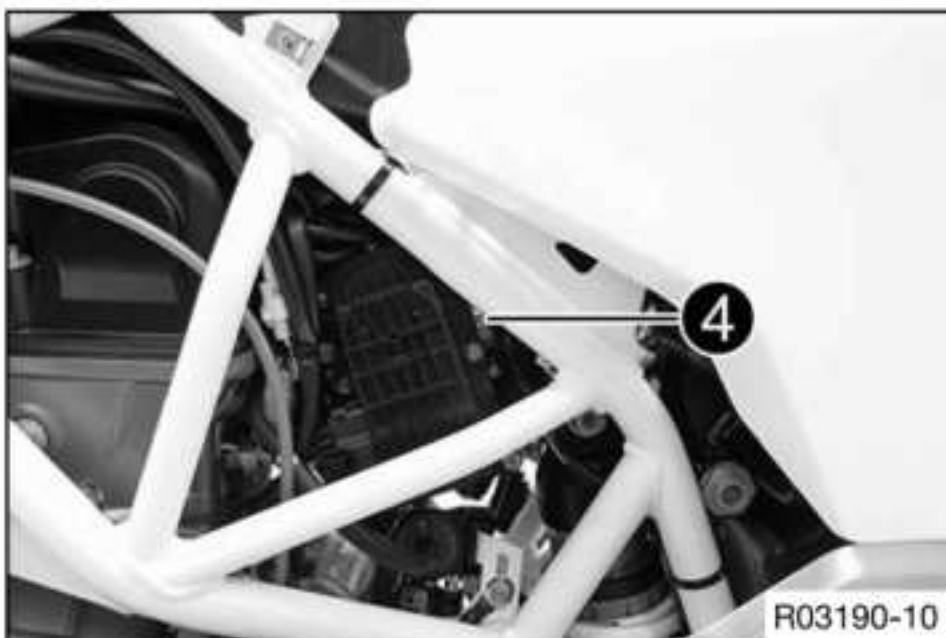
- Remove screws ❶.
- Remove the voltage regulator and allow it to hang tension-free to the side.



- Remove screws ❷.



- Detach rear fairing at the front and push slightly to the side.
- Remove screws ❸.



- Loosen hose clip ❹.

11 AIR FILTER



- Pull off air release hose 5.



- Remove the cable tie.
- Pull off hose 6.



- Take off engine electronics control unit 7 and hang to the side.



- Remove screws 8 with the sleeves.



- Remove the cable tie.
- Raise the air filter box at the rear.
- Disconnect connector 9 of the intake air temperature sensor.
- Remove the air filter box.