



**SIB 13 01 24**  
**SERVICE ACTION: Fuel Line Hose Clamp**

2024-02-12

**MODEL**

Model	Model Description	Model Type
K48 MU2	K 1600 GT	0F23
K48 MU2	K 1600 GTL	0F33
K61 MUE	K 1600 B	0F63

The affected vehicles have been marked with campaign number **0013390000** in AIR.

In order to determine if a specific motorcycle is affected by this campaign, it will be necessary to verify the vehicle VIN in AIR (Aftersales Information Research). Based on the response of the system, either proceed with the repair or take no further action. Please note, open campaigns or vehicle stops may not appear in DCS Warranty Vehicle Inquiry or sales systems until 24-72 hours after they are announced, therefore AIR is always the recommended method for determining open campaigns and vehicle stops.

## SITUATION

After close inspection it has been found that the Hose clamp on the fuel line may be insufficiently crimped at the quick connection coupling at the fuel pump.

During starting operation, a higher pressure occurs in the fuel system than while driving. Due to this increased pressure during starting operation, the fuel line can move on the quick connection and may slip off the quick connection completely. As a result, small amounts of fuel can leak out and the engine cannot be started.

The affected vehicles have been placed under the delivery stop **STOP130011** associated with campaign number 0013390000, which will be lifted upon completion of this technical campaign.

Since 01/29/2024, only vehicles without this fault pattern are produced in series.

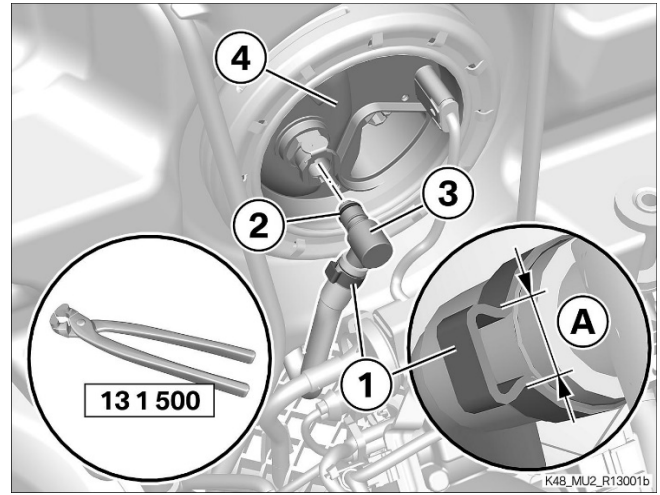
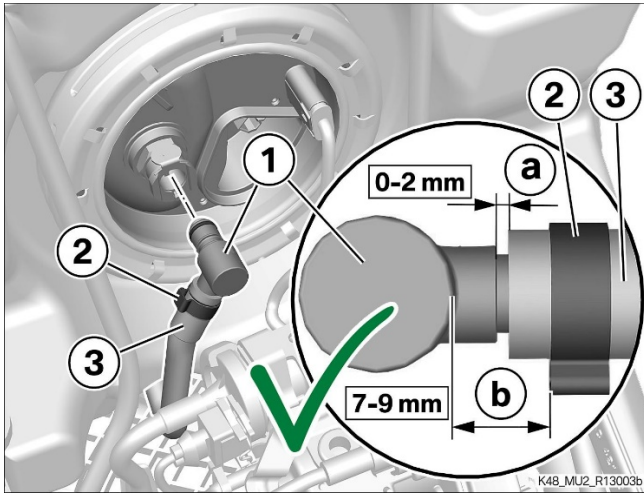
## PROCEDURE

For vehicles that have not yet been delivered, the service action must be completed before vehicle handover.

In all instances in which the vehicles have already been handed over to customers, the customers must be made aware of the situation described above and asked to have the Technical Campaign carried out.

The position of the fuel line on the quick connection coupling must be checked according to the model specific repair instructions "00 60 436 – Reworking hose clamp".

1. If the position is correct, the existing hose clip only needs to be crimped tighter in accordance with the repair instructions.
2. If the position is incorrect, the position of the fuel line must be reworked according to the repair instructions and correctly secured with a new fuel line clamp.



Correct position of the fuel hose

Specified closed size for single-eye clip (A): 2.5 – 4.0 mm

### PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in ETK which takes into account specific equipment and/or options.

Additional parts like gaskets, hardware and chemicals may be required for the complete repair.

#### Part Number (if required)

13 31 7 671 344	Fuel line clamp
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### CLAIM INFORMATION

Please submit claims via the normal claim process using the information below:

#### Defect code

00 13 39 00 00	Reworking fuel line hose clamp
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#### Labor Operation

00 60 436	Rework fuel line hose clamp (K 1600 GT, K 1600 B)	12 FRU
+00 60 936	Rework fuel line hose clamp (K1600 GT, K 1600 B)	11 FRU
00 60 436	Rework fuel line hose clamp (K 1600 GTL)	13 FRU
+00 60 936	Rework fuel line hose clamp (K1600 GT)	12 FRU

FRUs includes all repair procedures to complete the task with allowance for necessary ancillary tasks (e.g., visual inspection, lubrication, cleaning parts etc.) and administrative tasks.

Labor operation code 00 60 436 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation instead.

### QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Contact the BMW Technical Support Group via TSARA
Warranty inquiries	Submit an IDS ticket to the Warranty Department
Parts inquiries	Submit an IDS ticket to the Motorrad Parts Department

#### Supporting Materials

[picture as pdf RM\\_0060436\\_0F61\\_EN.pdf](#)

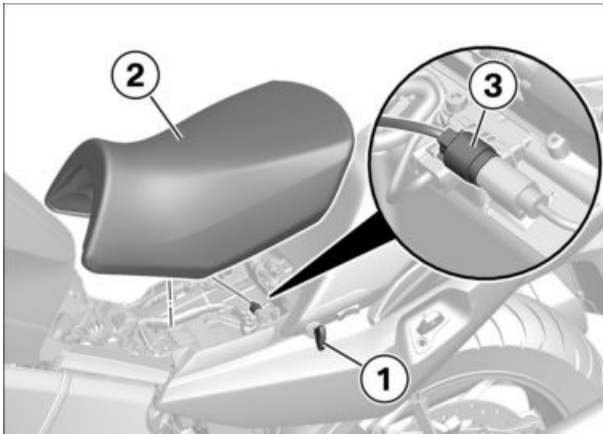
[picture as pdf RM\\_0060436\\_0F21\\_EN.pdf](#)

[picture as pdf RM\\_0060436\\_0F31\\_EN.pdf](#)

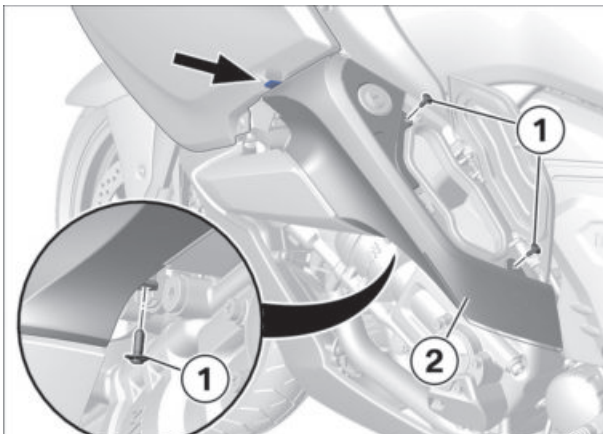
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[picture\\_as\\_pdf 13 01 21 Service Action - Fuel Hose Clamp.pdf](#)



**0F21 - K 1600 GT****00 60 436 Rework hose clip****1****► Removing rider's seat**

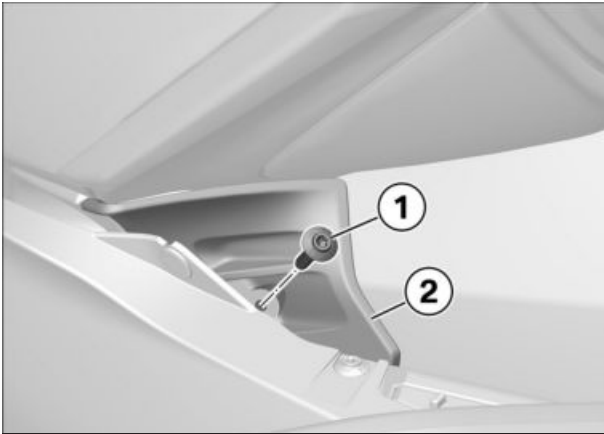
- Unlock seat lock using the ignition key **(1)**.
- Lift rider's seat **(2)** and disconnect plug connection **(3)** for seat heating.
- Take off rider's seat **(2)**.

**2****► Removing left bottom side panel**

- Remove screws **(1)**.
- Remove bottom fairing side panel **(2)** and detach retaining lug **(arrow)**.



3



► **Removing cover for left intake snorkel**

- Remove screw (1).
- Remove cover (2).

4

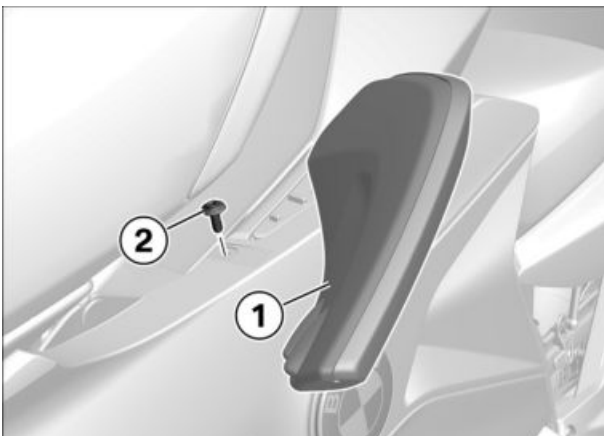
► **Removing left side panel**

**ATTENTION**

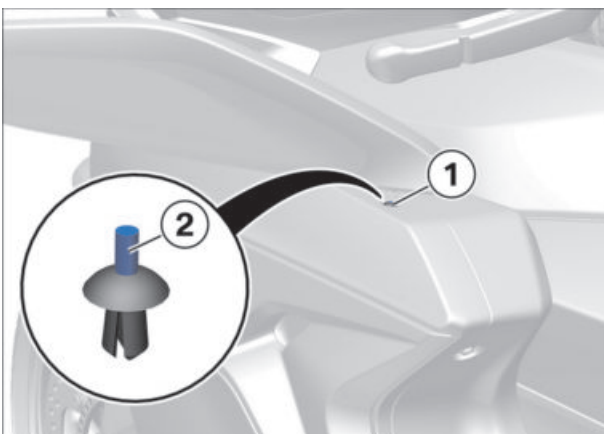
**Scratches and damage to trim panel components**

Component damage

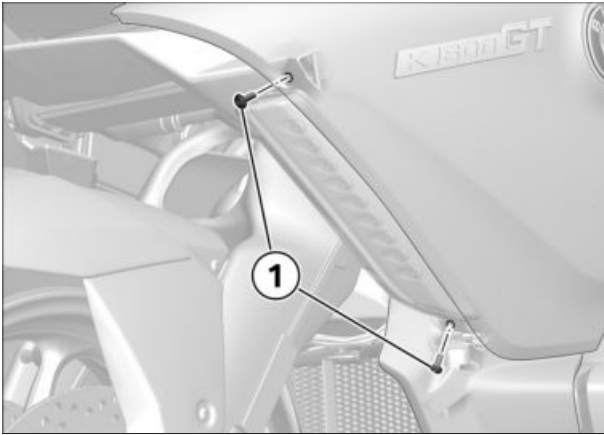
- Do not use sharp-edged or hard tools.
- Use tools made of plastic, for example.



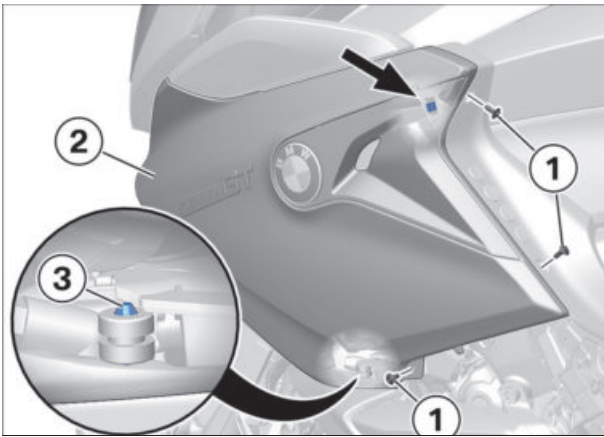
- Turn slipstream deflector (1) to the side.
- Remove bolt (2).



- Remove expanding rivet (1) and press pin (2) down with suitable tool.



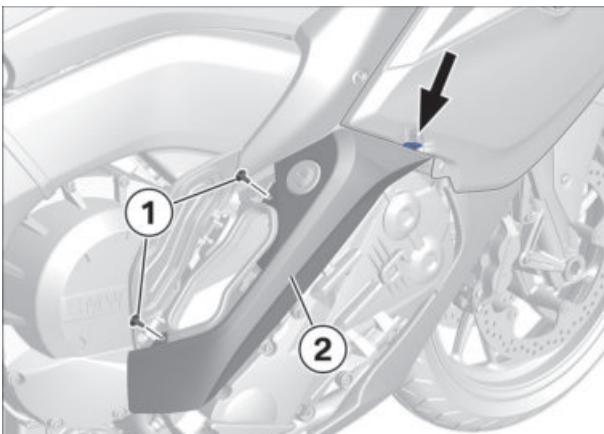
- Remove screws (1).



- Remove screws (1).
- Loosen top fairing side panel (2), noting retaining clip (arrow).
- Pull off fairing side panel (2) from mounting pin (3) to the top.
- Remove fairing side panel (2).



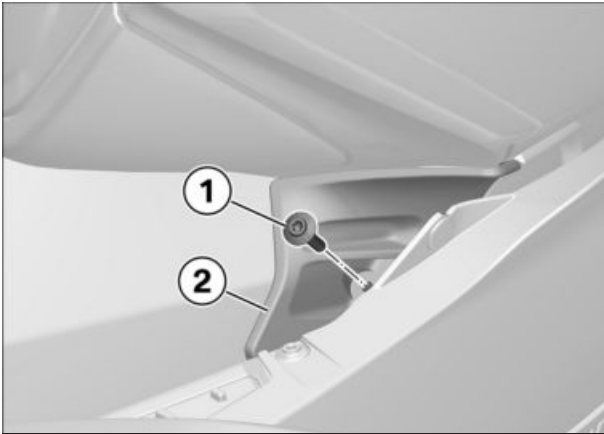
# 5



- ▶ **Removing right bottom side panel**
- Remove screws (1).
- Remove bottom fairing side panel (2) and detach retaining lug (arrow).



## 6



► **Removing cover for right intake snorkel**

- Remove screw **(1)**.
- Remove cover **(2)**.

## 7

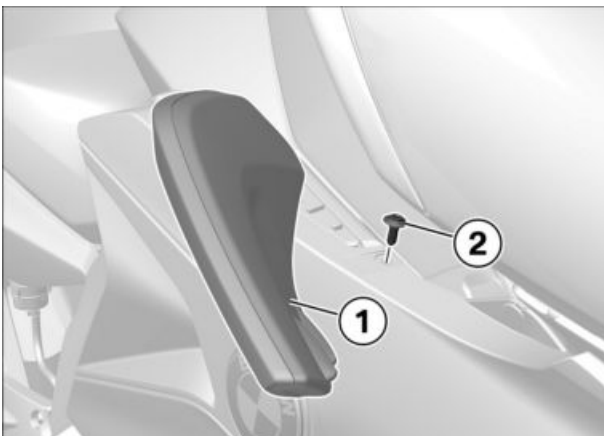
► **Removing right side panel**

**ATTENTION**

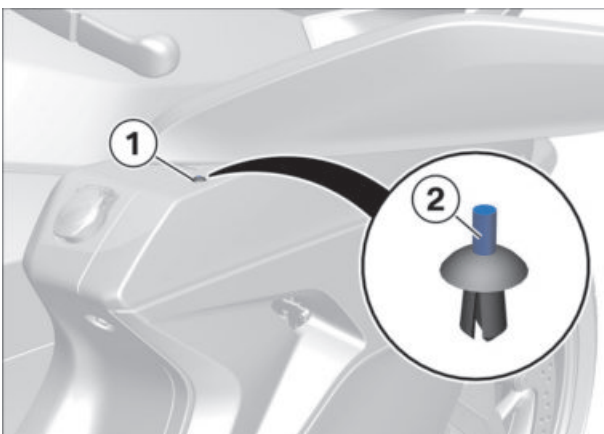
**Scratches and damage to trim panel components**

Component damage

- Do not use sharp-edged or hard tools.
- Use tools made of plastic, for example.

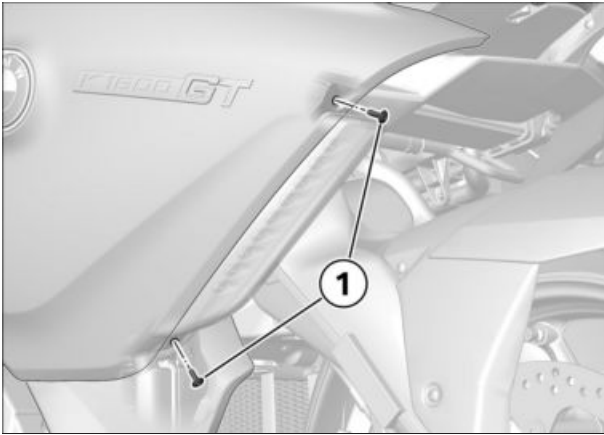


- Turn slipstream deflector **(1)** to the side.
- Remove bolt **(2)**.

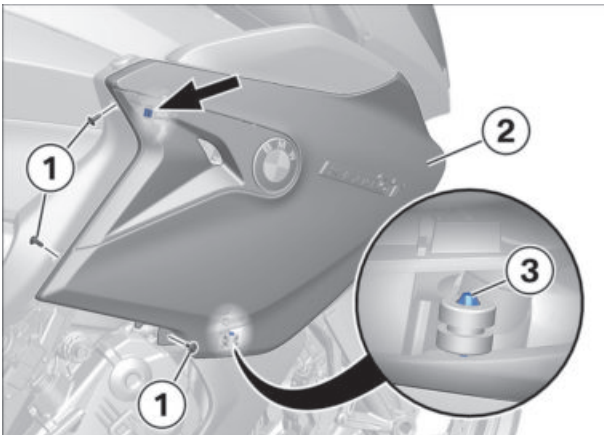


- Remove expanding rivet **(1)** and press pin **(2)** down with suitable tool.





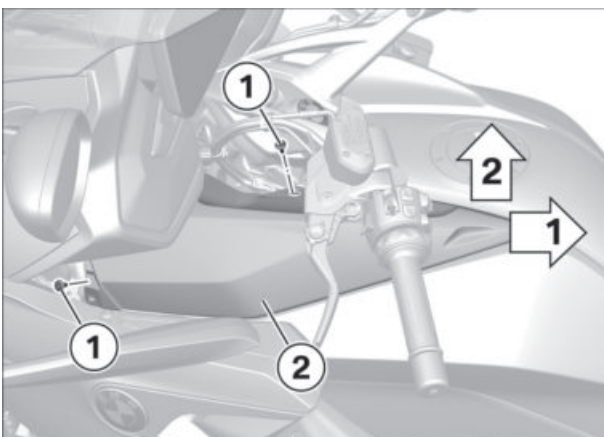
- Remove screws (1).



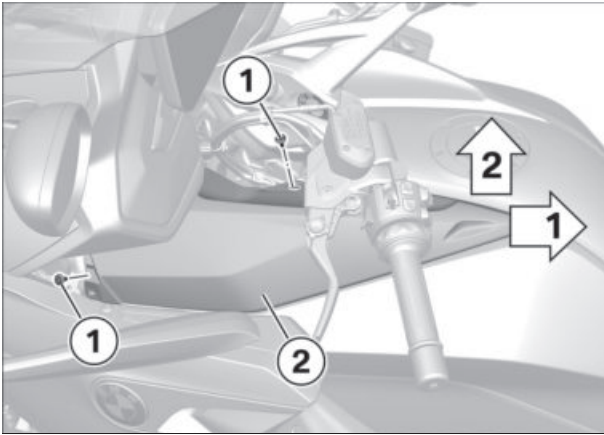
- Remove screws (1).
- Loosen top fairing side panel (2), noting retaining clip (arrow).
- Pull off fairing side panel (2) from mounting pin (3) to the top.
- Remove fairing side panel (2).



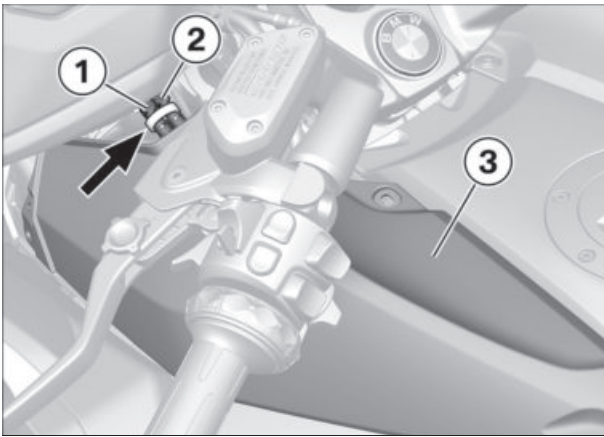
**8**



- ▶ **Removing complete fuel-tank cover**
- ▷ **Removing left fuel-tank cover top section**
  - Remove screws (1).
  - Remove upper tank cover section (2).



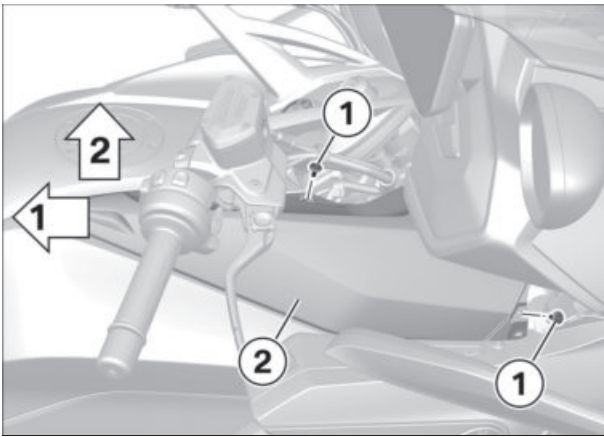
- with audio system<sup>OE</sup> (0268)
- or
- with US audio system<sup>OE</sup> (0270)
- Remove screws **(1)**.
- Loosen upper tank cover section **(2)**.◇



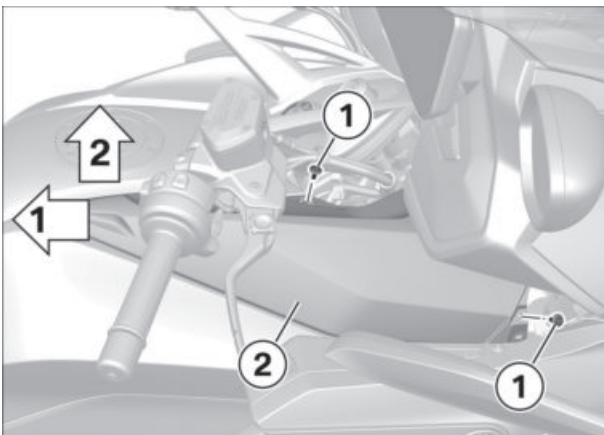
- with audio system<sup>OE</sup> (0268)
- Disconnect pink connector **(1)** for DAB foil antenna and black connector **(2)** for FM foil antenna.
- Remove left upper tank cover section **(3)**.◇

▷

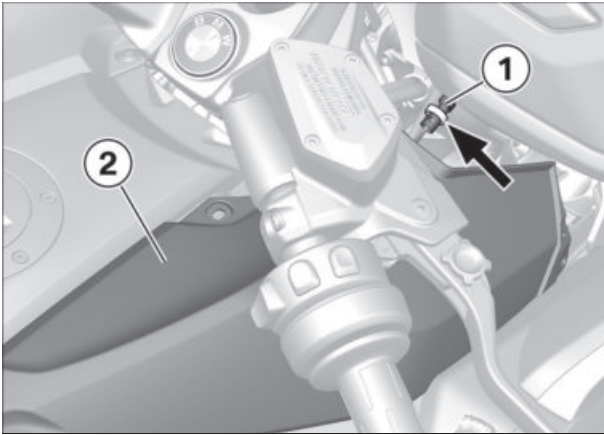
▷ **Removing right fuel-tank cover top section**



- Remove screws **(1)**.
- Remove upper tank cover section **(2)**.



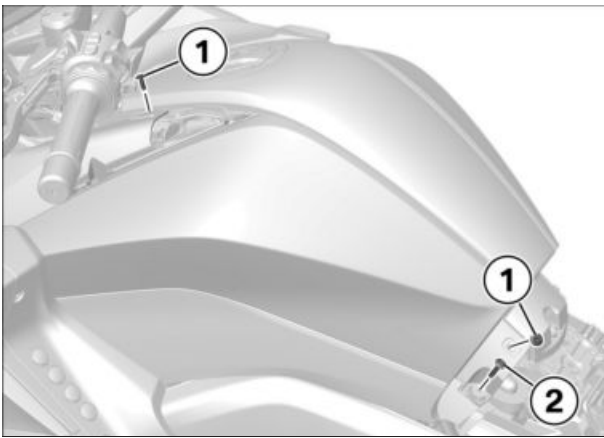
- with audio system<sup>OE</sup> (0268)
- or
- with US audio system<sup>OE</sup> (0270)
- Remove screws **(1)**.
- Loosen upper tank cover section **(2)**.◇



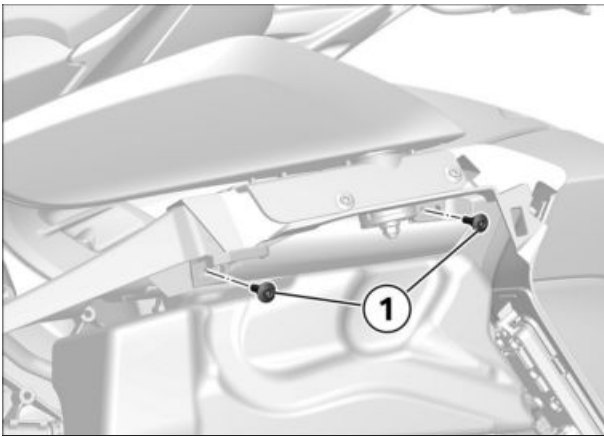
- with audio system<sup>OE</sup> (0268)
- or
- with US audio system<sup>OE</sup> (0270)
- Disconnect connector (1) for AM foil antenna and remove right upper tank cover section (2).◇



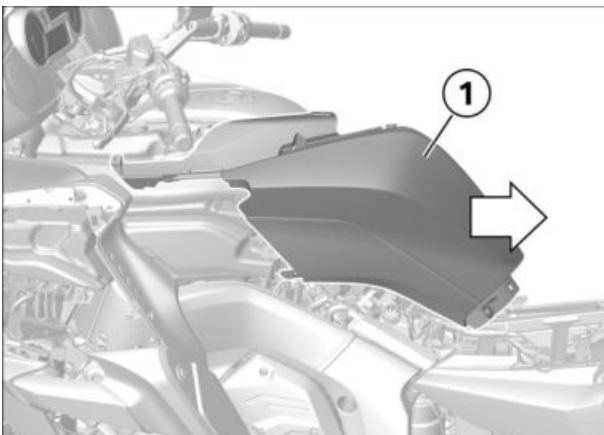
▷ **Removing left fuel-tank cover**



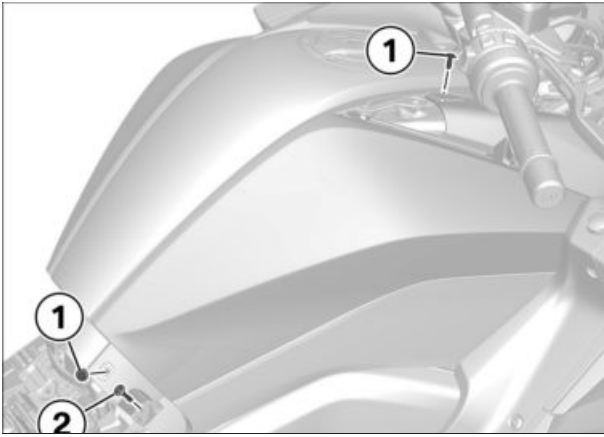
- Remove screws (1) and screw (2).



- Remove screws (1).

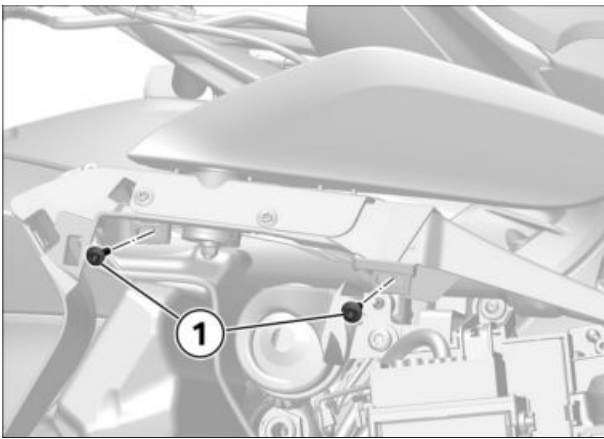


- Remove tank cover (1).

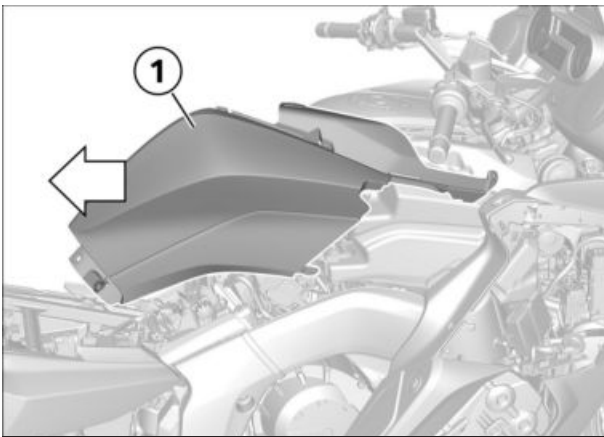


▽ **Removing right fuel-tank cover**

- Remove screws **(1)** and screw **(2)**.

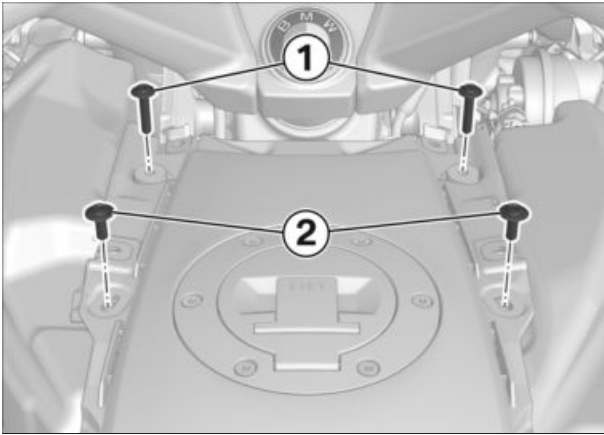


- Remove screws **(1)**.



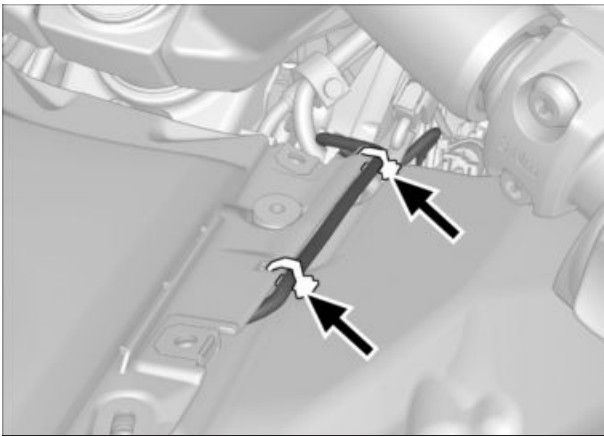
- Remove tank cover **(1)**.





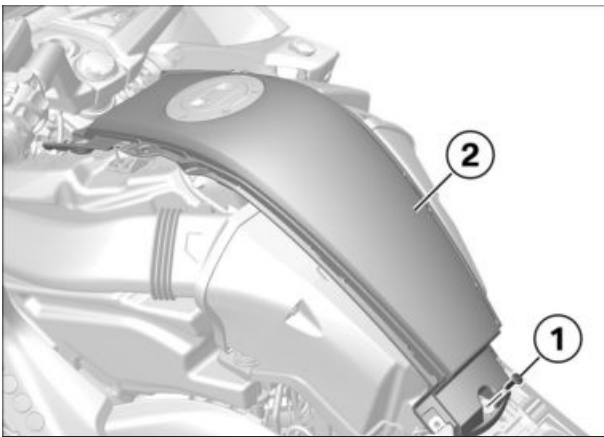
▷ **Removing centre fuel-tank cover**

- Remove screws **(1)** and **(2)**.



– with Keyless Ride<sup>OE</sup> (0193)

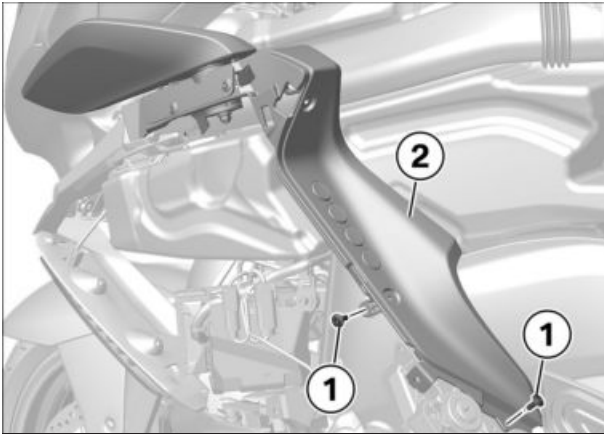
- Remove the cable straps **(arrows)**.◇



- Remove screw **(1)**.
- Remove fuel-tank cover **(2)**.

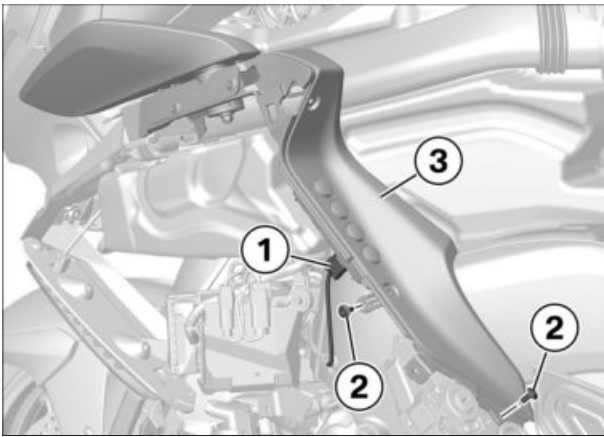


9



► **Remove rear left interior trim**

- Remove screws (1).
- Remove rear interior trim (2).



– with audio system<sup>OE</sup> (0268)

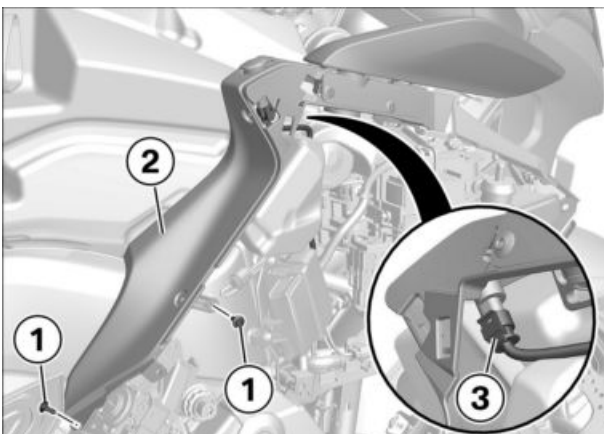
or

– with US audio system<sup>OE</sup> (0270)

- Disconnect plug connection (1) for operating facility.
- Remove screws (2).
- Remove rear interior trim (3).◇



10



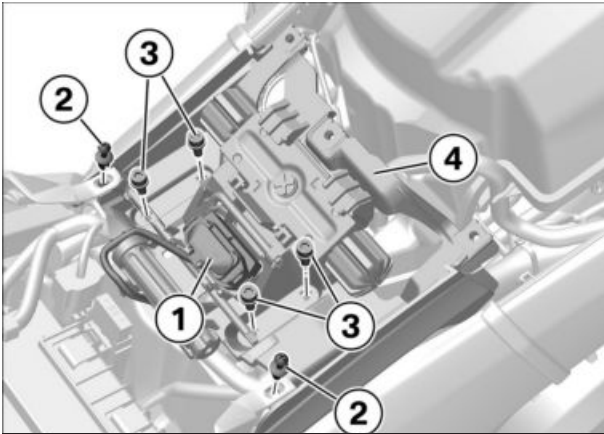
► **Removing rear right interior trim**

- Remove screws (1).
- Loosen rear interior trim (2).
- Disconnect plug connection (3) for the on-board socket.
- Remove rear interior trim (2).



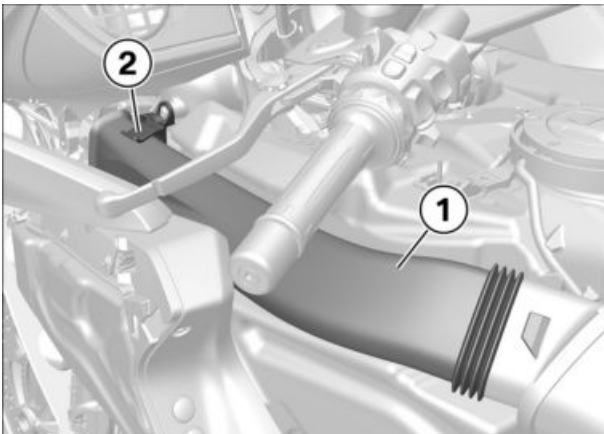


## 11

► **Removing seat support**

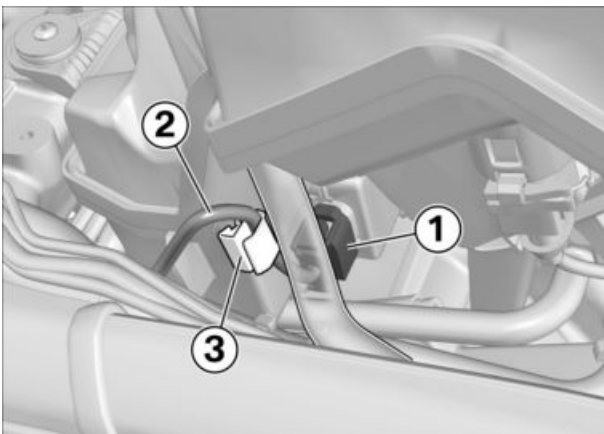
- Unclip diagnostic socket **(1)** and hang to the side.
- Remove body-bound rivets **(2)**.
- Remove screws **(3)**.
- Remove seat support **(4)**.

## 12

► **Disengaging left intake air pipe**

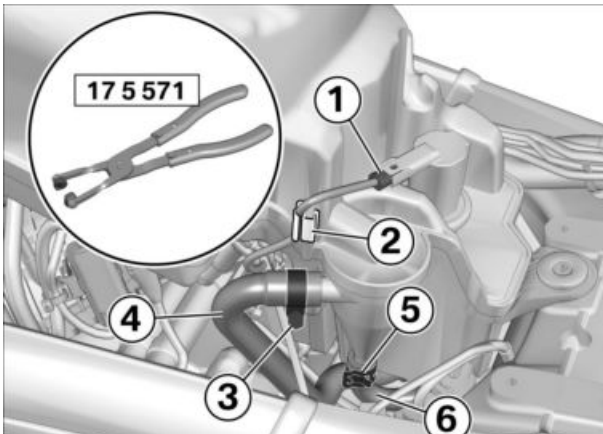
- Loosen left intake snorkel **(1)** from holder **(2)**.

## 13

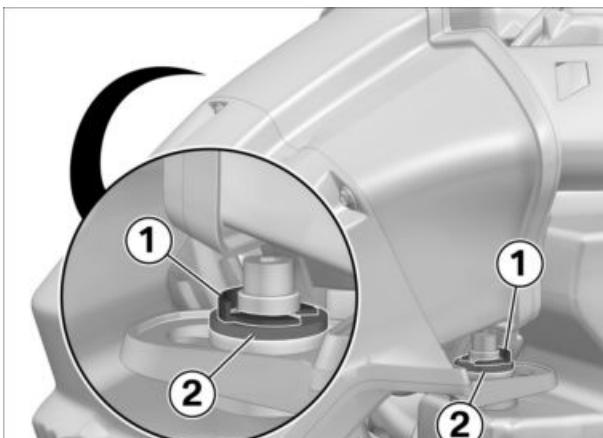
► **Removing complete intake air silencer**

– without Japan export<sup>NV</sup> (0742)

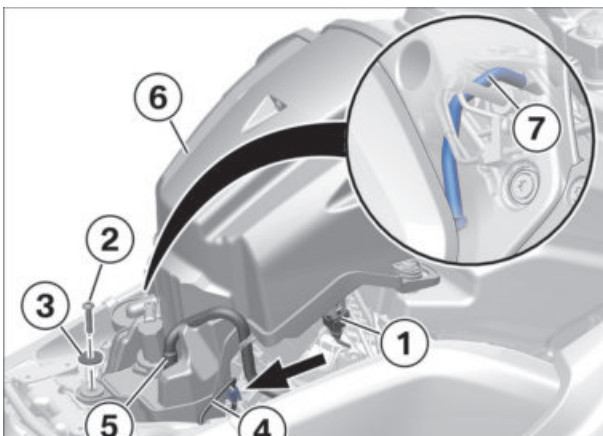
- Disconnect plug connection **(1)** for RDC control unit and release cable **(2)** from holder **(3)**.◇



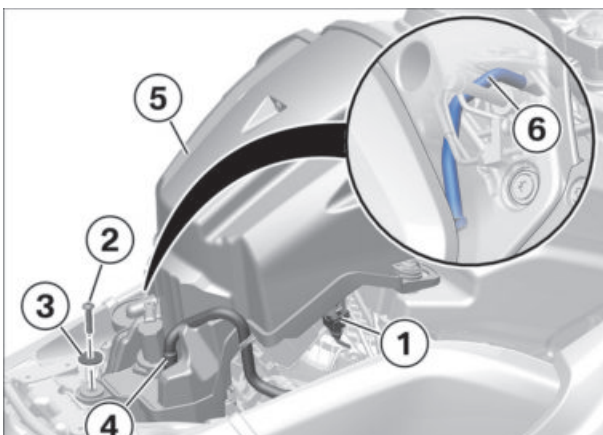
- Disconnect plug connection **(1)** for secondary air valve and disconnect cable **(2)**.
- Loosen the screw clamp **(3)** and pull off the vent hose **(4)**.
- Loosen clamp **(5)** with pliers (17 5 571) and pull off vent hose **(6)**.



- Remove clips **(1)** with washers **(2)** on left and right.



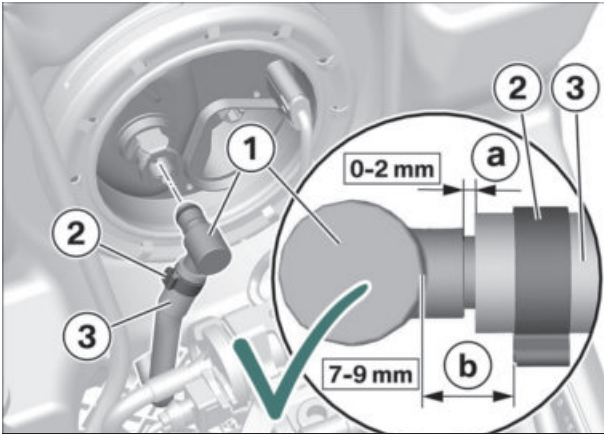
- Disconnect plug connection **(1)** for intake air temperature sensor.
- Remove screw **(2)** with contact disc **(3)**.
- Release the cable **(4)** from the holder **(arrow)**.
- Pull off hose **(5)** for secondary air system.
- Remove intake silencer **(6)** completely and feed out hose **(7)** at the same time.



- with Japan export<sup>NV</sup> (0742)
- Disconnect plug connection **(1)** for intake air temperature sensor.
- Remove screw **(2)** with contact disc **(3)**.
- Pull off hose **(4)** for secondary air system.
- Remove intake silencer **(5)** completely and feed out hose **(6)** at the same time.◇




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► **Rework hose clip.**

- Disconnect fuel line (1).
- Check that hose clip (2) and fuel line (3) are correctly installed and not loose.
- If hose clip (2) and fuel line (3) are correctly installed, **secure hose clip correctly.**
- If hose clip (2) and fuel line (3) are not correctly installed, **install fuel line correctly and replace hose clip.**

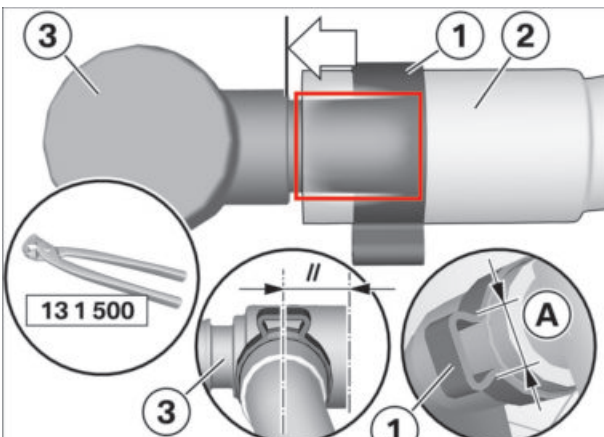
**Check**

 <b>Technical data</b>			
Dimension a (distance from end of hose to quick-release coupling)		0 <sup>+2</sup> mm	
Dimension b (distance from quick-release coupling to hose clamp)		7 <sup>+2</sup> mm	

**Result**


Dimension **a** and **b** are not met.

**Measure**



▷ **Replace hose clip.**

- Remove hose clip (1).
- Disconnect fuel line (2) from quick-release coupling (3).
- Clean and lubricate quick-release coupling (3) in the marked area.
- Use only **brake cleaner** or **fuel** for lubrication.
- Do **NOT** use silicone spray or similar.
- Push **new** hose clip (1) onto fuel line (2).
- Push fuel line (2) onto quick-release coupling (3).
- After pushing on, wait for approx. 10 - 15 min until lubricating material has evaporated.
- Align **new** hose clip (1) with quick-release coupling (3) (**arrows**) and secure correctly (13 1 500) to dimension (**A**) using pliers.

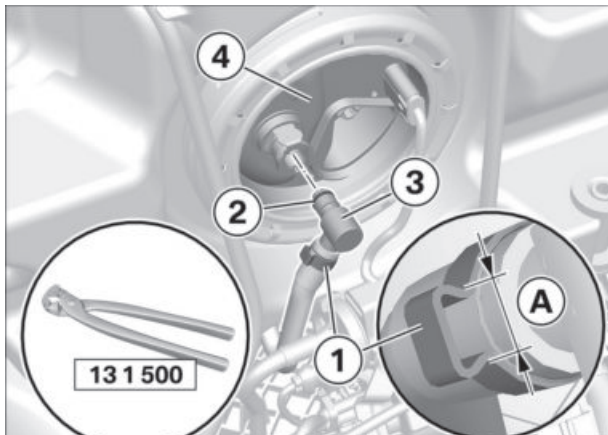
 <b>Technical data</b>			
Dimension b (specified closed size for single-eye clip on quick-release coupling)		2.5 <sup>+1.5</sup> mm	



**Result**


Dimension **a** and **b** are met.

**Measure**



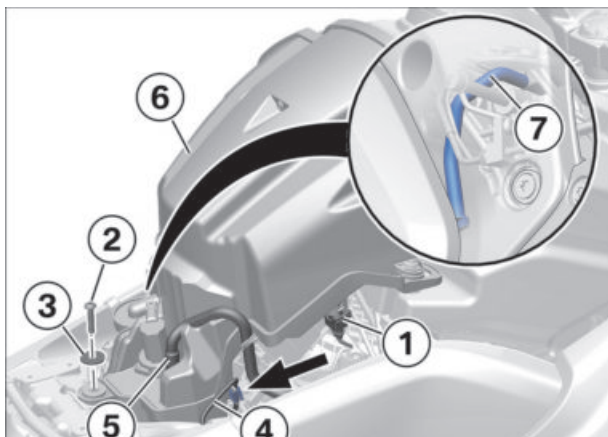
▷ **Correctly secure hose clip using pliers.**

- Correctly secure hose clip **(1)** (13 1 500) to dimension **(A)** using pliers.

 <b>Technical data</b>			
Dimension b (specified closed size for single-eye clip on quick-release coupling)		2.5 <sup>+1.5</sup> mm	


- Check O-ring **(2)** for damage; replace if necessary.
- Connect fuel line **(3)** to fuel tank **(4)**.

**15**



▶ **Installing complete intake air silencer**


- Install intake silencer **(6)** and insert hose **(7)** at the same time.
- Install bolt **(2)** with contact disc **(3)**.

 <b>Tightening torques</b>		
<b>Intake air silencer to frame</b>		
M6 x 30 Thread-locking compound (mechanical)	8 Nm	

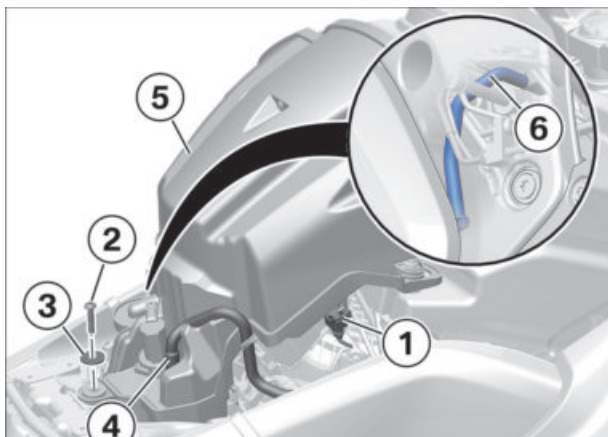
- Slide on hose **(5)** for secondary air system.
- Secure the cable **(4)** in the holder **(arrow)**.
- Connect plug connection **(1)** for intake air temperature sensor.

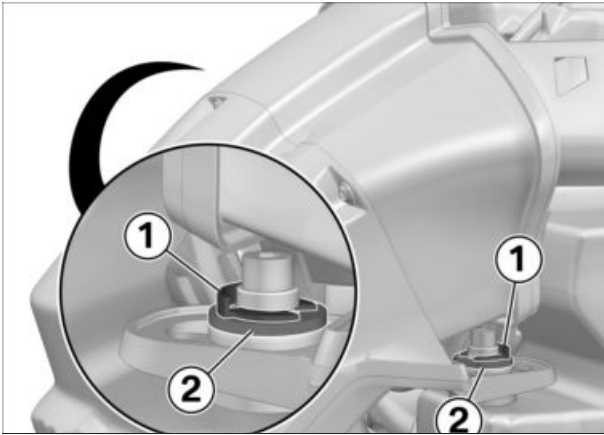
– with Japan export<sup>NV</sup> (0742)

- Install intake silencer **(5)** and insert hose **(6)** at the same time.
- Install bolt **(2)** with contact disc **(3)**.

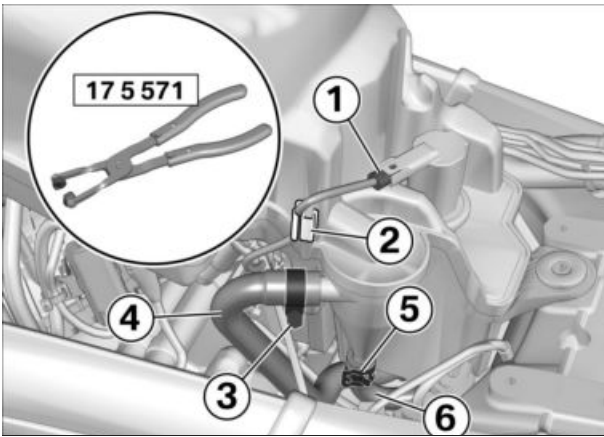
 <b>Tightening torques</b>		
<b>Intake air silencer to frame</b>		
M6 x 30 Thread-locking compound (mechanical)	8 Nm	

- Slide on hose **(4)** for secondary air system.
- Connect plug connection **(1)** for intake air temperature sensor.◇

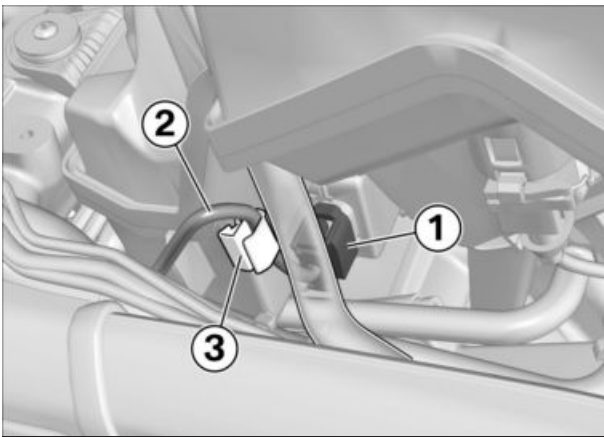




- Install washers **(2)** with clips **(1)** on left and right.



- Slide on vent hose **(6)** and fasten clamp **(5)** with pliers (17 5 571).
- Slide on vent hose **(4)** and fasten screw clamp **(3)**.
- Connect plug connection **(1)** for secondary air valve and secure cable in holder **(2)**.

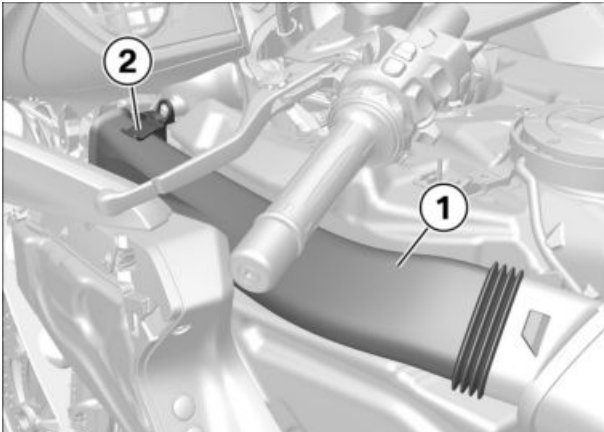


– without Japan export<sup>NV</sup> (0742)

- Connect plug connection **(1)** for RDC control unit and secure cable **(2)** in holder **(3)**.◇



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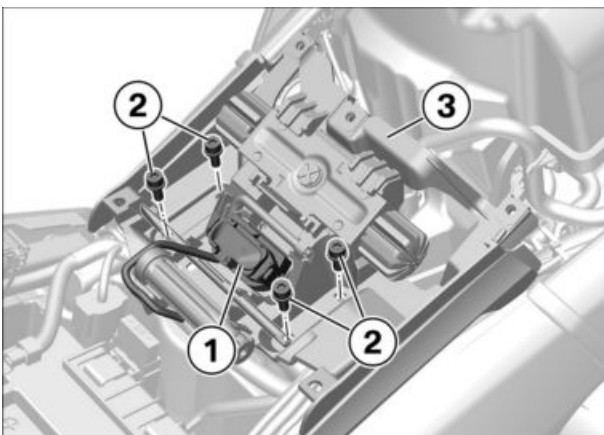


► **Securing left intake air pipe**

- Secure intake snorkel (1) in holder (2).




17



► **Installing seat support**

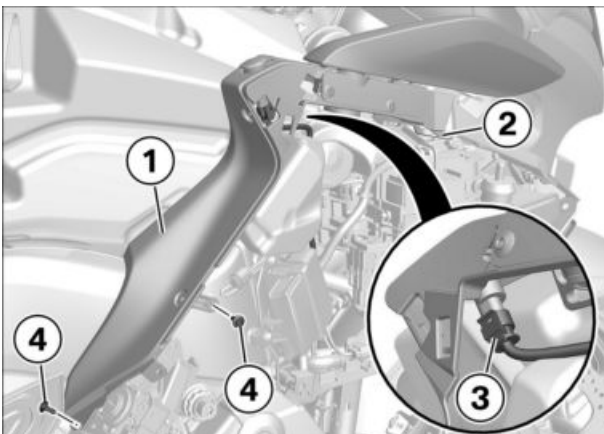
- Install seat support (3).
- Install screws (2).

 <b>Tightening torques</b>		
<b>Seat support to frame</b>		
M6 x 16	10 Nm	

- Clip diagnosis plug (1) into position.



18

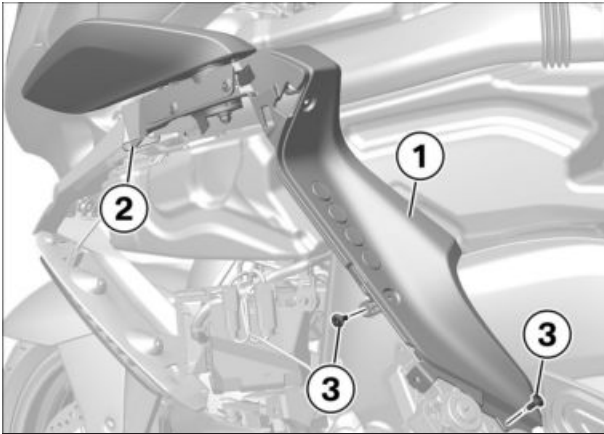


► **Installing rear right interior trim**

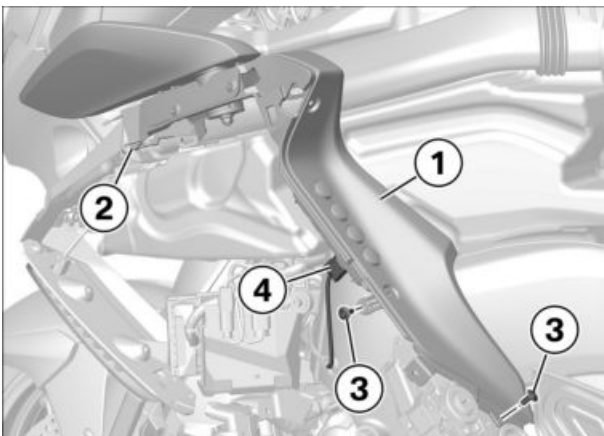
- Position rear interior trim (1), paying attention to the retaining lug (2) while doing so.
- Connect plug (3) for the on-board socket.
- Install screws (4).



## 19

▶ **Install rear left interior trim**

- Position rear interior trim **(1)**, paying attention to the retaining lug **(2)** while doing so.
- Install screws **(3)**.



– with audio system<sup>OE</sup> (0268)

or

– with US audio system<sup>OE</sup> (0270)

- Position rear interior trim **(1)**, paying attention to the retaining lug **(2)** while doing so.
- Install screws **(3)**.
- Connect plug connection **(4)** for operating facility.◇

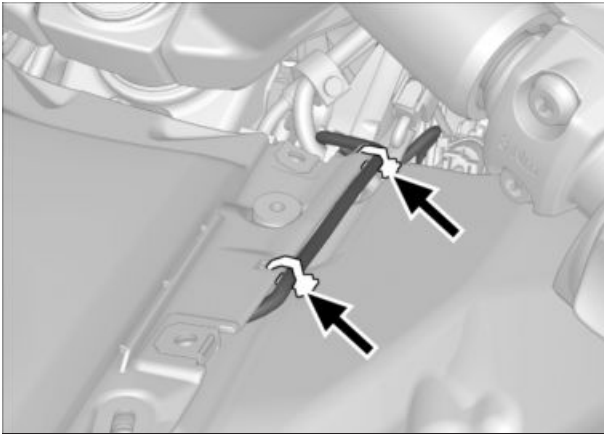


## 20

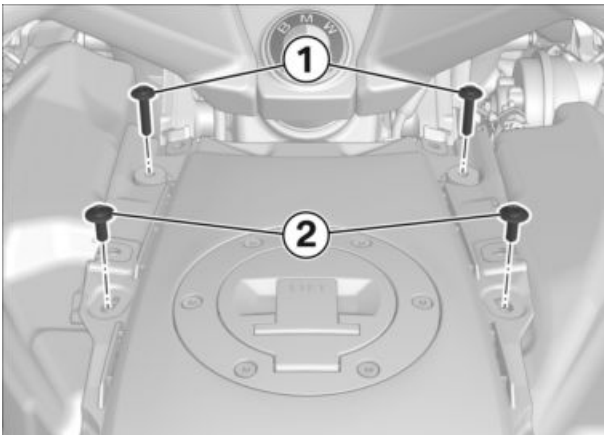
▶ **Installing complete fuel-tank cover**▷ **Installing centre tank cover**

- Hold fuel-tank cover **(2)** in position.
- Install handlebar end plug **(1)**.

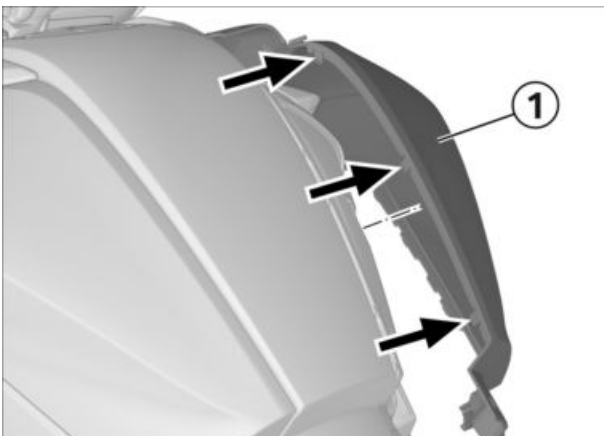




- with Keyless Ride<sup>OE</sup> (0193)
- Close the cable strap **(arrows)**.◇



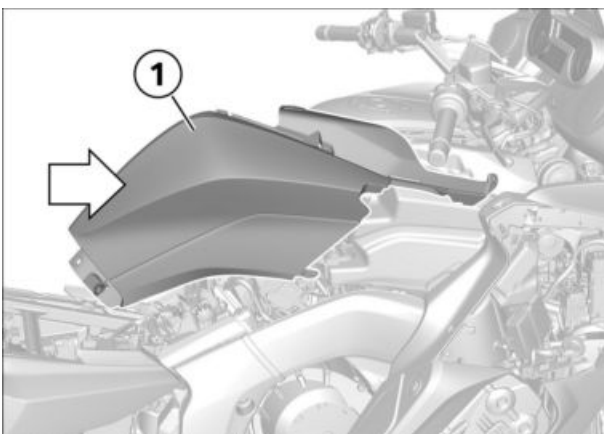
- Install screws **(1)** and **(2)**.



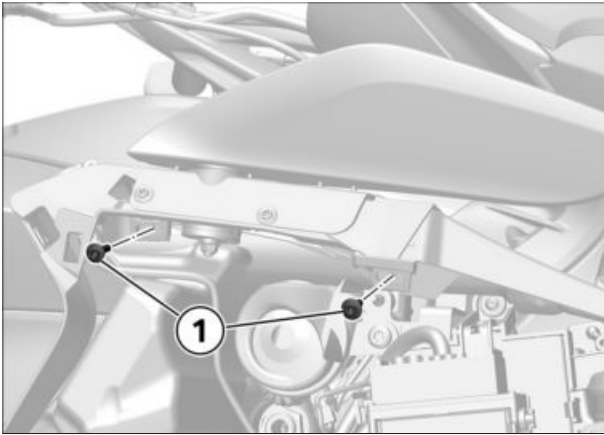
△

▽ **Installing right fuel-tank cover**

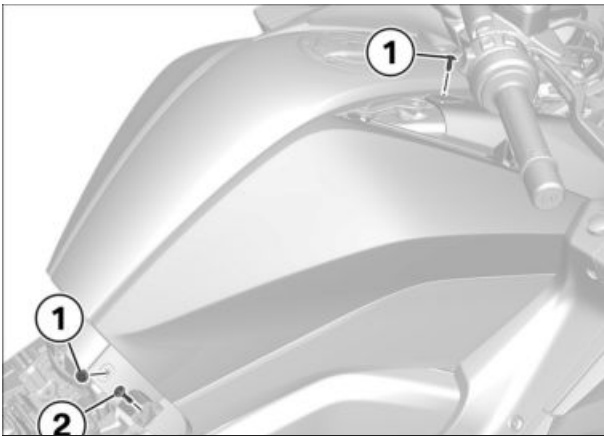
- Hold tank cover **(1)** in position, noting the retaining lugs **(arrows)**.



- Install tank cover **(1)**.



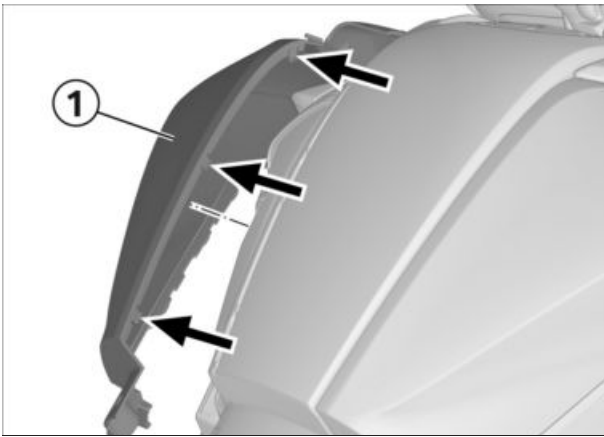
- Install screws **(1)**.



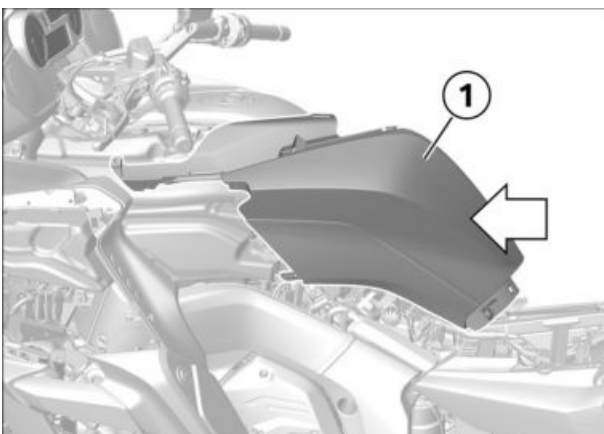
- Install screws **(1)** and screw **(2)**.



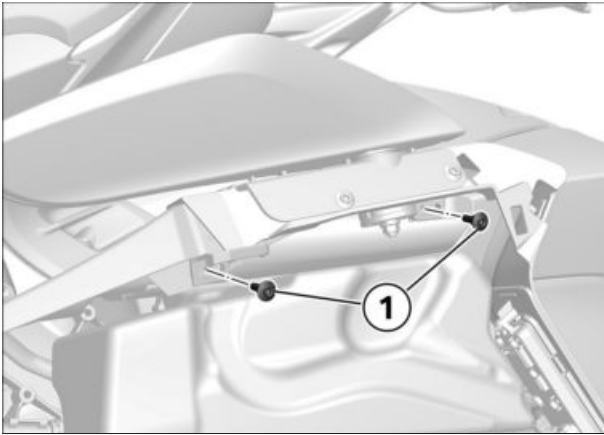
▷ **Installing left fuel-tank cover**



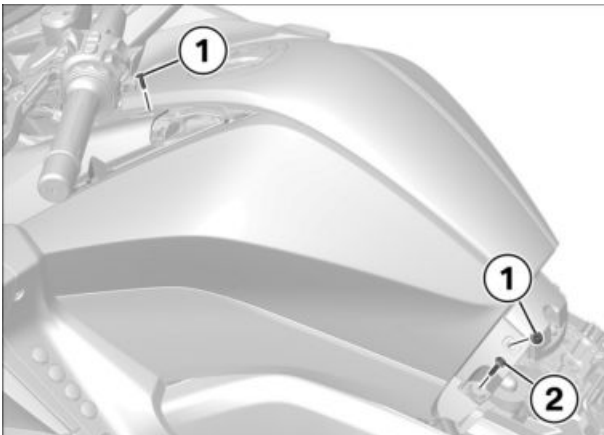
- Hold tank cover **(1)** in position, noting the retaining lugs **(arrows)**.



- Install tank cover **(1)**.



- Install screws **(1)**.



- Install screws **(1)** and screw **(2)**.



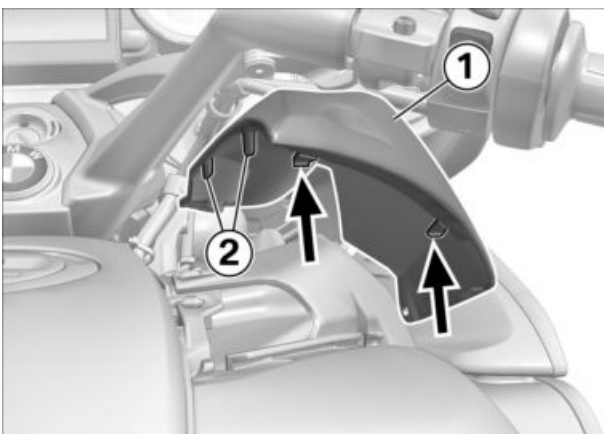
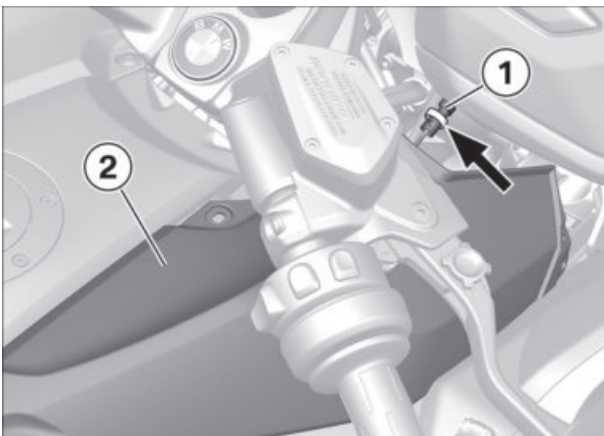
**Installing right fuel-tank cover top section**

– with audio system<sup>OE</sup> (0268)

or

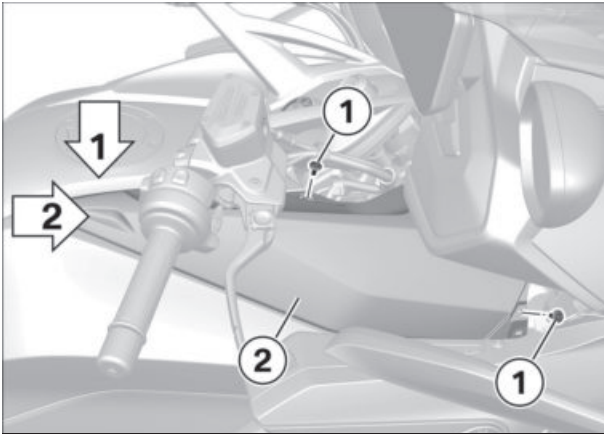
– with US audio system<sup>OE</sup> (0270)

- Position right upper tank cover section **(2)** and connect connector **(1)** for AM foil aerial.◇



- Position upper tank cover section **(1)**, noting retaining tabs **(2)** and retaining lugs **(arrows)**.



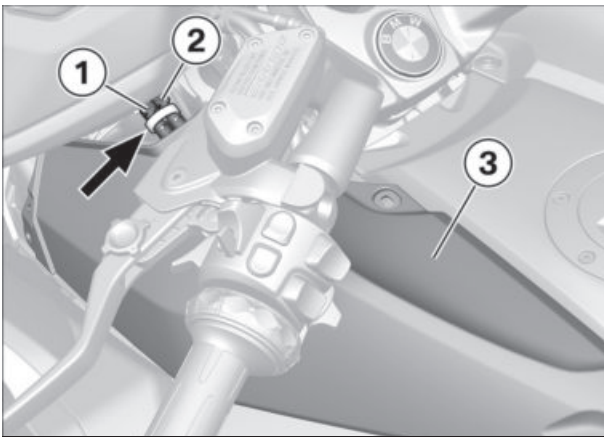


- Install upper tank cover section **(2)**.
- Install screws **(1)**.

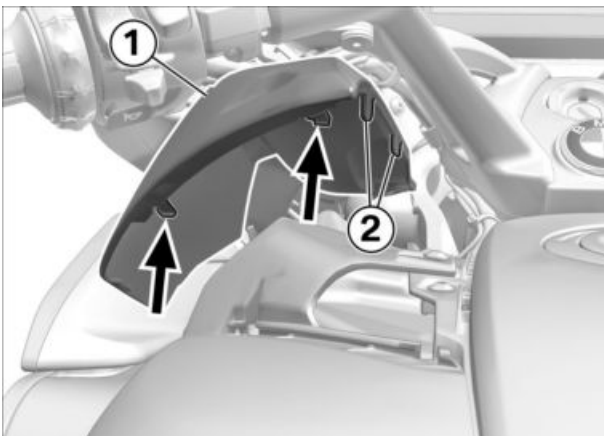


▷ **Installing left fuel-tank cover top section**

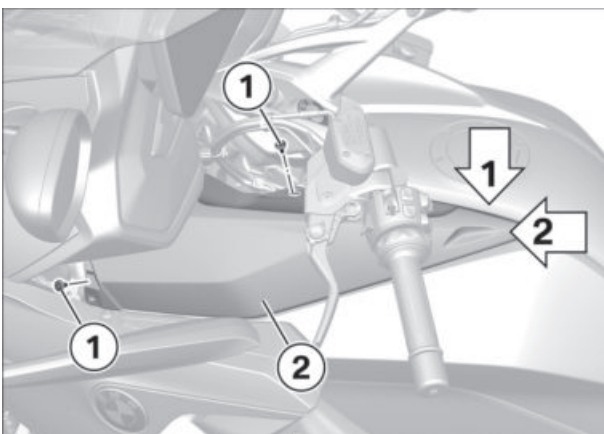
– with audio system<sup>OE</sup> (0268)



- Position left upper tank cover section **(3)**.
- Connect pink connector **(1)** for DAB foil antenna and black connector **(2)** for FM foil antenna.◊



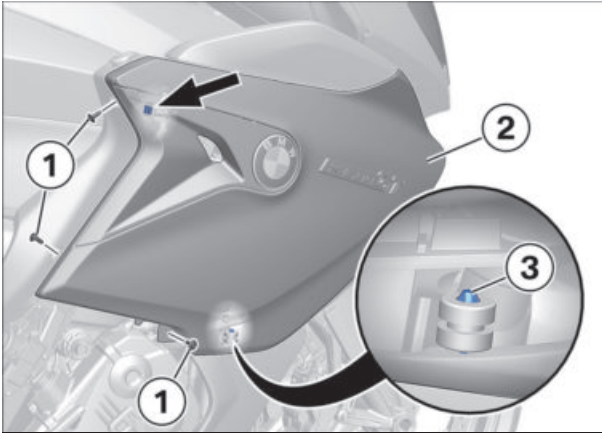
- Position upper tank cover section **(1)**, noting retaining tabs **(2)** and retaining lugs **(arrows)**.



- Install upper tank cover section **(2)**.
- Install screws **(1)**.

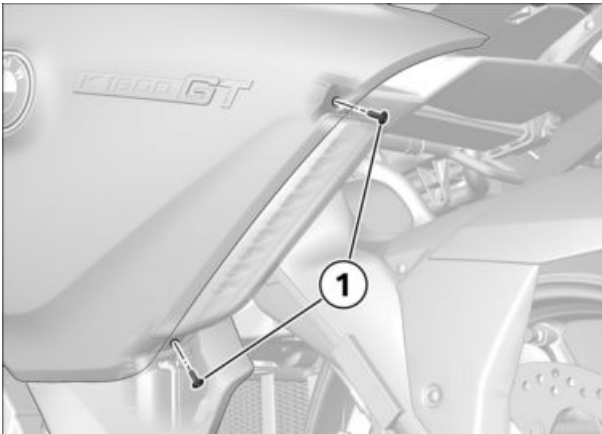


# 21

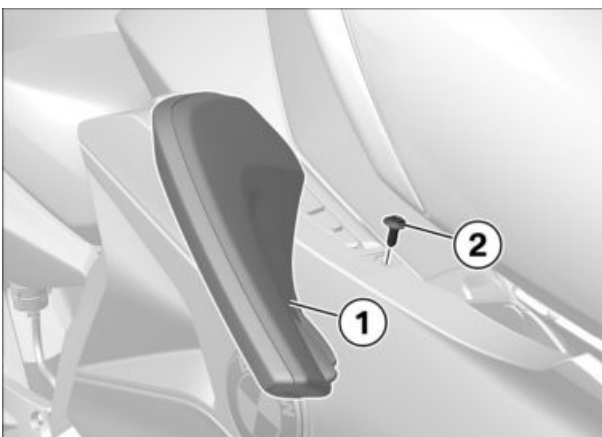


### ► Installing right side panel

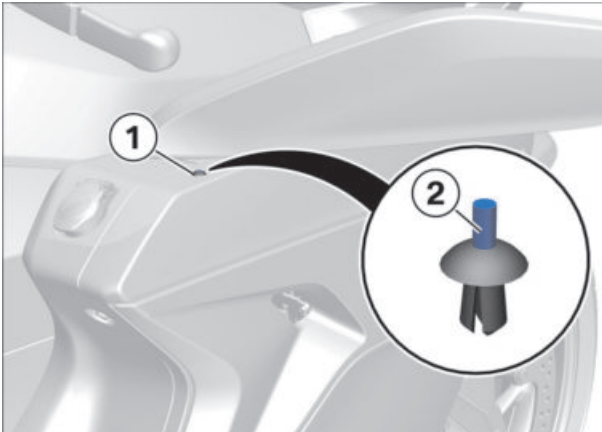
- Slide fairing side panel (2) onto mounting pin (3).
- Secure top fairing side panel (2) with retaining clip (arrow).
- Install screws (1).



- Install screws (1).

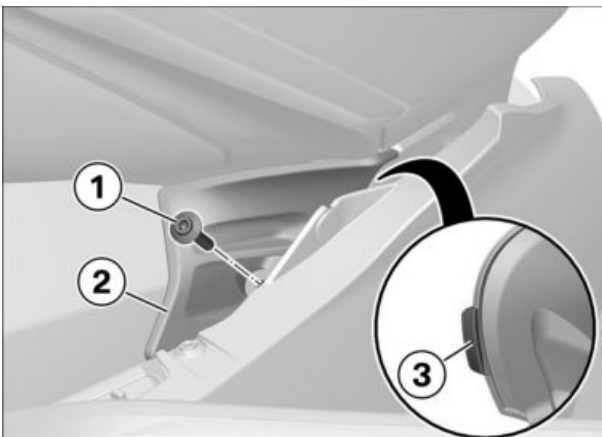


- Turn slipstream deflector (1) to the side.
- Install bolt (2).



- Install expanding rivet **(1)** and slide pin **(2)** into expanding rivet **(1)**.

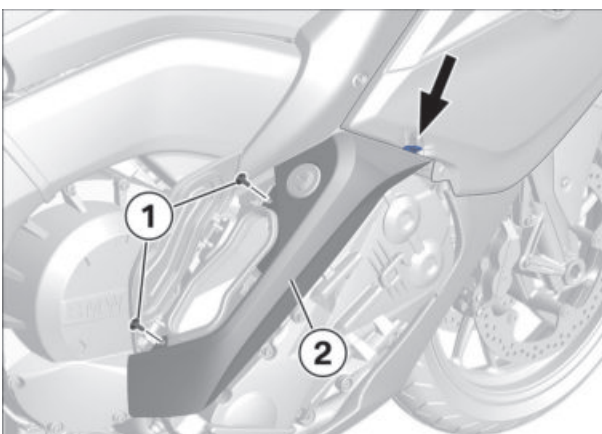
## 22



### ► Installing cover for right intake snorkel

- Install cover **(2)**, paying attention to the retaining lug **(3)** and engaging that correctly.
- Install handlebar end plug **(1)**.

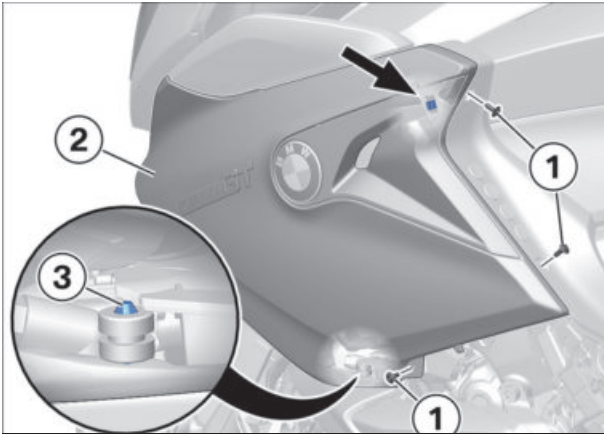
## 23



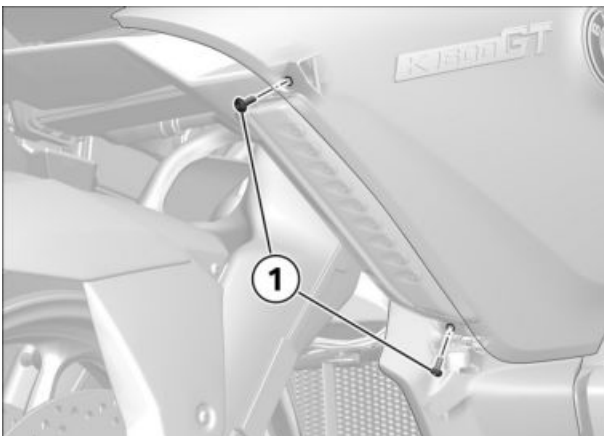
### ► Install the right bottom side panel

- Install bottom fairing side panel **(2)** and engage retaining lug **(arrow)**.
- Install screws **(1)**.

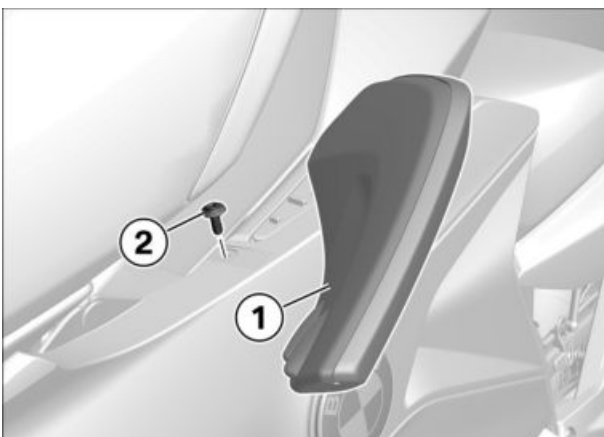
## 24

► **Installing left side panel**

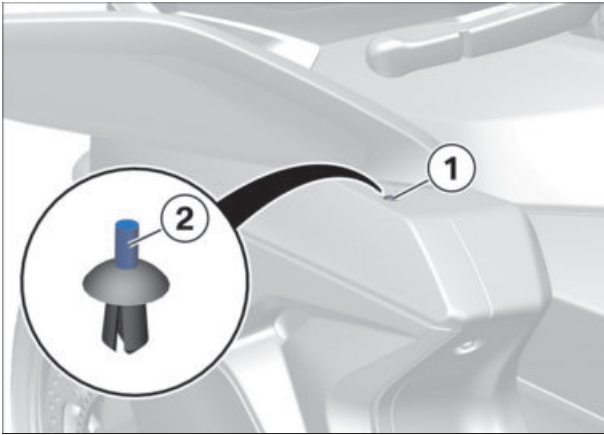
- Slide fairing side panel **(2)** onto mounting pin **(3)**.
- Secure top fairing side panel **(2)** with retaining clip **(arrow)**.
- Install screws **(1)**.



- Install screws **(1)**.



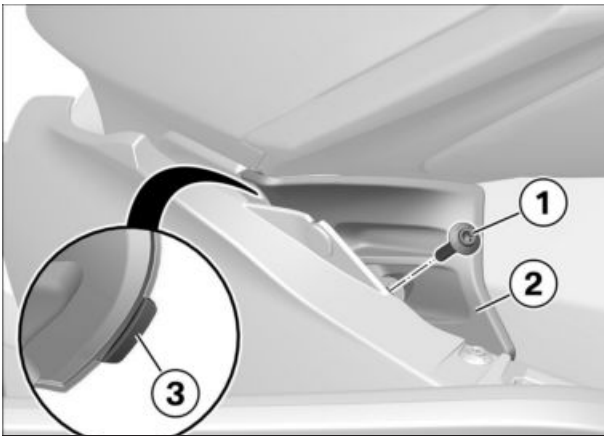
- Turn slipstream deflector **(1)** to the side.
- Install bolt **(2)**.



- Install expanding rivet **(1)** and slide pin **(2)** into expanding rivet **(1)**.



## 25

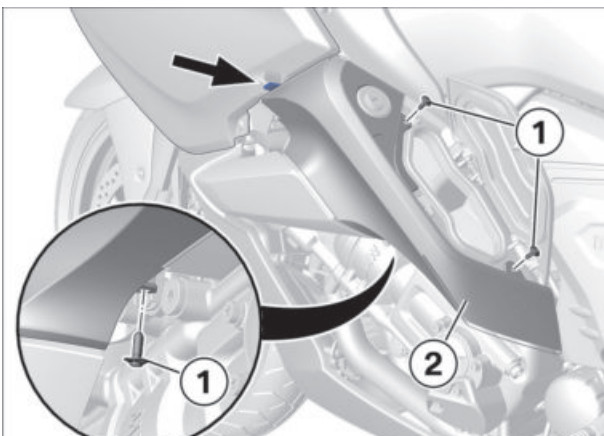


### ► Installing cover for left intake snorkel

- Install cover **(2)**, paying attention to the retaining lug **(3)** and engaging that correctly.
- Install handlebar end plug **(1)**.



## 26

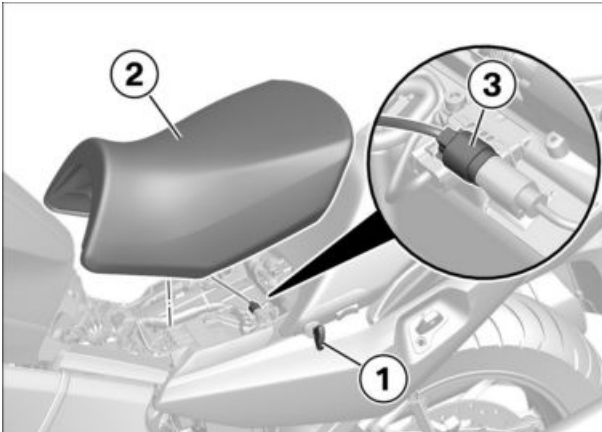


### ► Installing left bottom side panel

- Install bottom fairing side panel **(2)** and engage retaining lug **(arrow)**.
- Install screws **(1)**.



27



### ► Installing rider's seat

- Position rider's seat (2) and connect plug connection (3) for seat heating.
- Install rider's seat (2) checking that seat lock (1) locks.

28

### ► Final check of work performed

- Check the following:
  - The work as performed achieved the intended purpose.
  - All reservoirs and containers have been filled and all fluids and lubricants are at their correct levels.
  - All threaded fasteners released beforehand have been correctly retightened.
  - The fuel system is free of leaks.
  - The lights and signalling equipment are fully operational and the vehicle is roadworthy.
  - The brake pads of the front and rear brakes are bedded against the brake discs.

### ▷ Function test, engine start suppression

#### Check

- Set kill switch to "ON" position.
- Select neutral.
- Switch on the ignition.
  - » Neutral telltale light "N" lights up.
- Select a gear.
  - » Neutral telltale light "N" goes out.
- Press the starter button.
  - » Starter does **not** operate.
- Extend the side stand.
- Pull the clutch lever.
- Press the starter button.
  - » Starter does **not** operate.
- Retract the side stand.
- Press the starter button without releasing the clutch lever.
  - » Starter operates.

**Result**

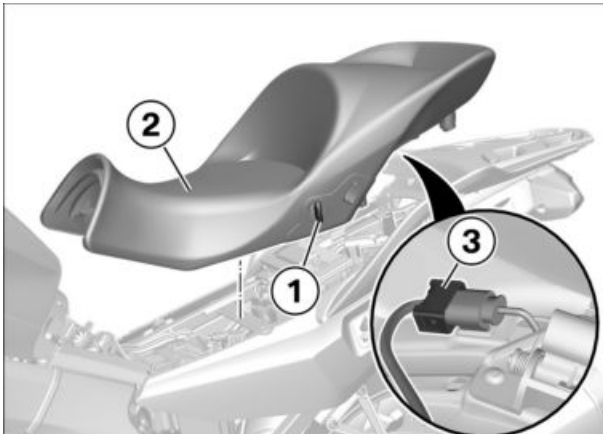
Not all test steps completed successfully.

**Measure**

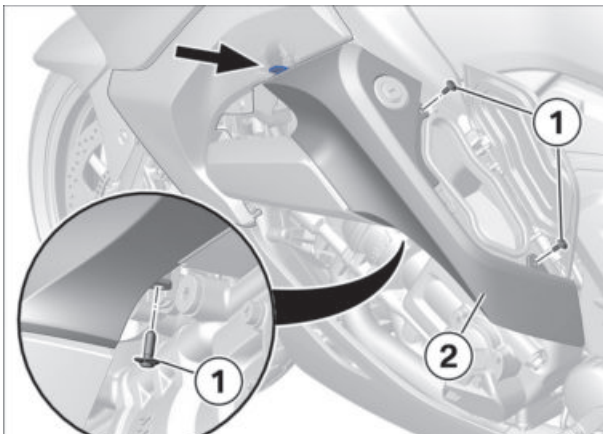
- Check the appropriate parts with the BMW Motorrad diagnostic system.





**OF31 - K 1600 GTL****00 60 436 Rework hose clip****1****► Removing seat**

- Open the seat lock with ignition key **(1)**.
- Slightly lift seat **(2)** and disconnect plug **(3)** for the seat heating.
- Remove seat **(2)**.

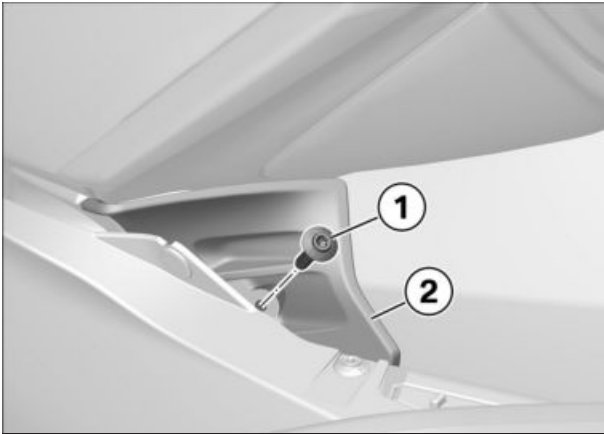
**2****► Removing left bottom side panel**

- Remove screws **(1)**.
- Remove bottom fairing side panel **(2)**, disengaging the retaining lug **(arrow)**.





## 3



► **Removing cover for left intake snorkel**

- Remove screw (1).
- Remove cover (2).

## 4

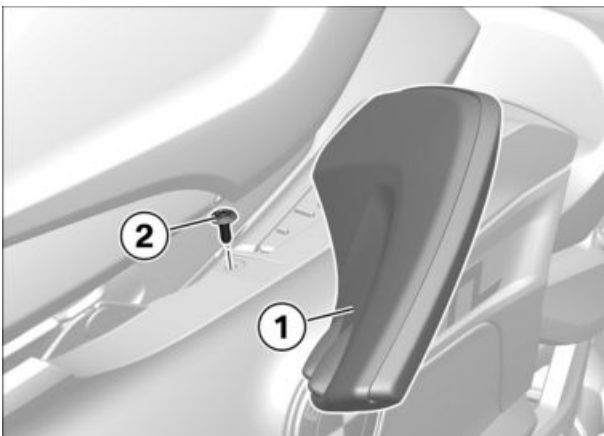
► **Removing left side panel**

**ATTENTION**

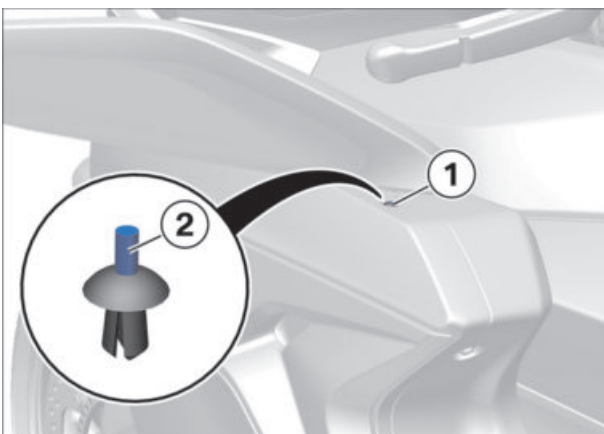
**Scratches and damage to trim panel components**

Component damage

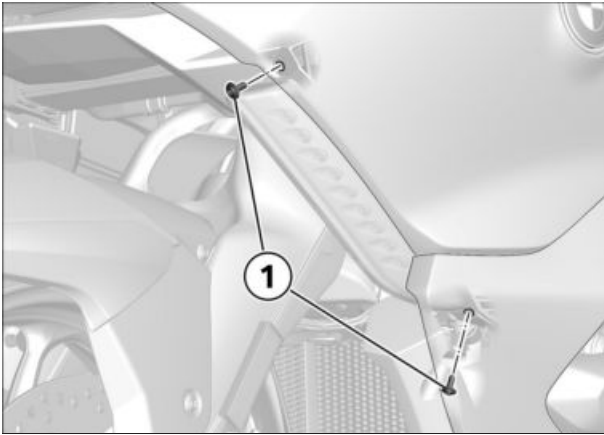
- Do not use sharp-edged or hard tools.
- Use tools made of plastic, for example.



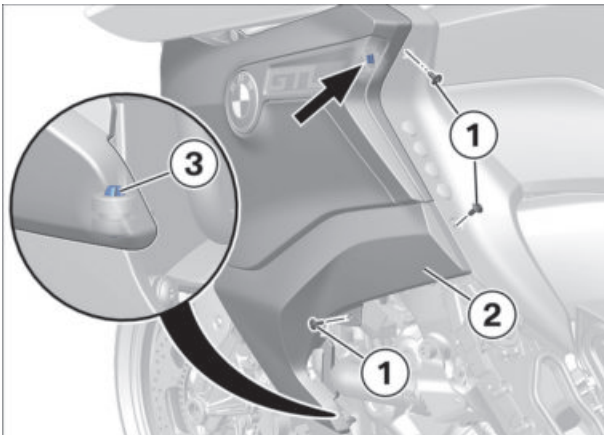
- Turn slipstream deflector (1) to one side.
- Remove screw (2).



- Remove expanding rivet (1), press pin (2) down using suitable tool while doing so.



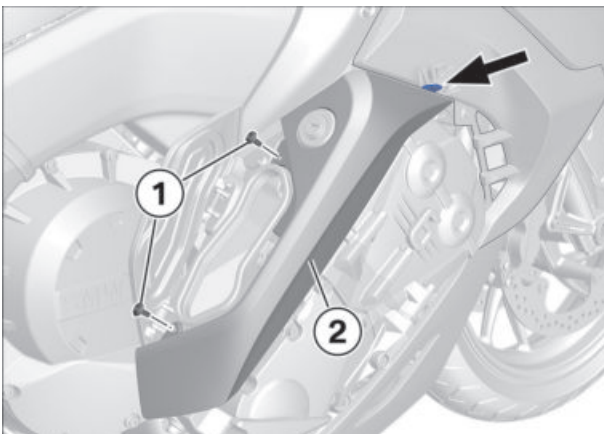
- Remove screws (1).



- Remove screws (1).
- Disengage fairing side panel (2), paying attention to retaining clip (arrow).
- Pull fairing side panel (2) out of mounting pin (3) to the top.
- Remove side panel (2).



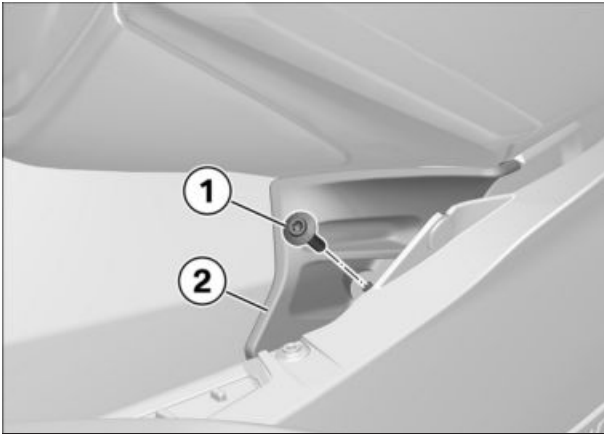
**5**



- ▶ **Removing right bottom side panel**
- Remove screws (1).
- Remove bottom fairing side panel (2), disengaging the retaining lug (arrow).



## 6



## ► Removing cover for right intake snorkel

- Remove screw (1).
- Remove cover (2).

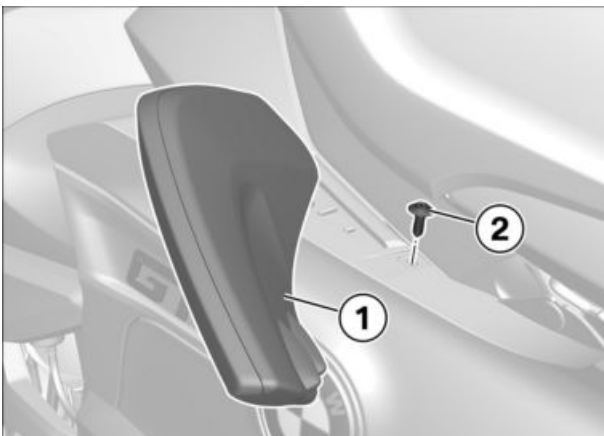
## 7

## ► Removing right side panel

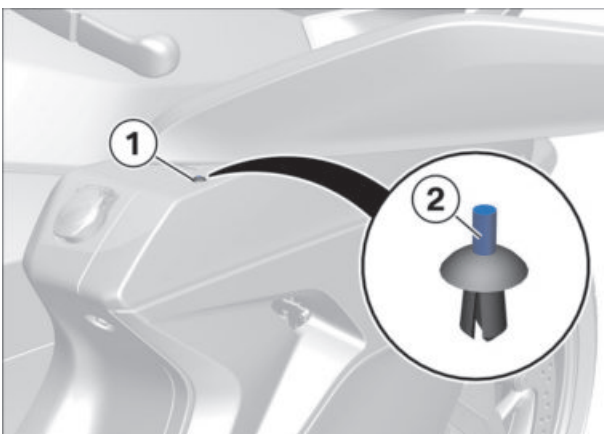
 **ATTENTION**
**Scratches and damage to trim panel components**

Component damage

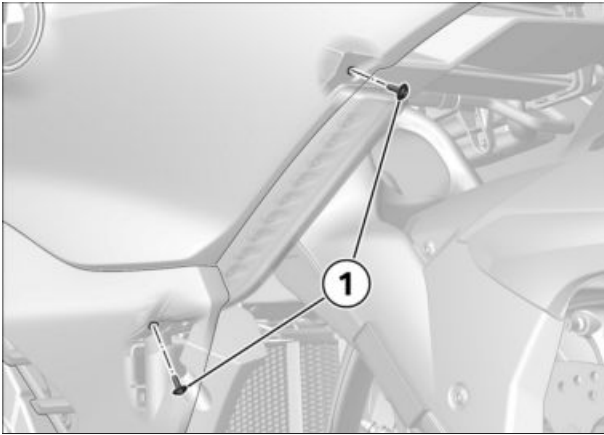
- Do not use sharp-edged or hard tools.
- Use tools made of plastic, for example.



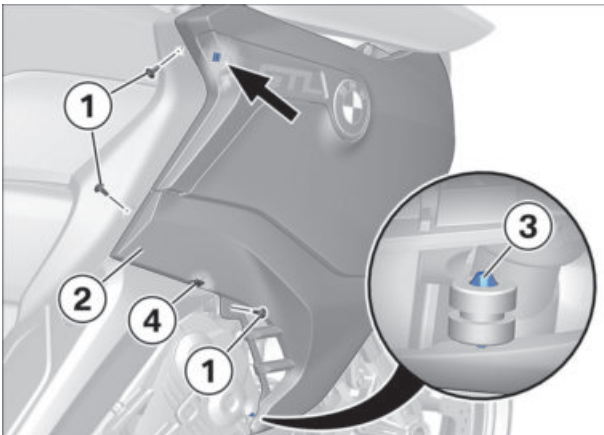
- Turn slipstream deflector (1) to one side.
- Remove screw (2).



- Remove expanding rivet (1), press pin (2) down using suitable tool while doing so.



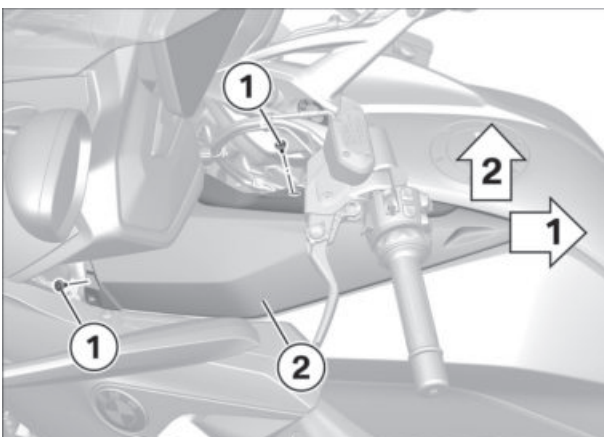
- Remove screws (1).



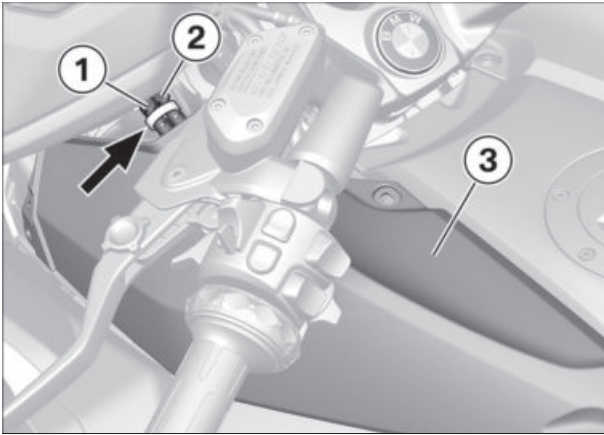
- Remove screws (1).
- Disengage fairing side panel (2), paying attention to retaining clip (arrow).
- Pull fairing side panel (2) out of mounting pin (3) to the top.
- Remove fairing side panel (2), paying attention to bracket (4).



**8**



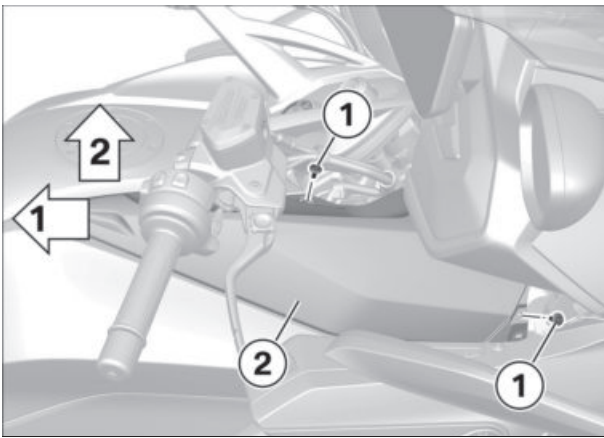
- ▶ **Removing complete fuel-tank cover**
- ▷ **Removing left fuel-tank cover top section**
  - Remove screws (1).
  - Loosen upper tank cover section (2).



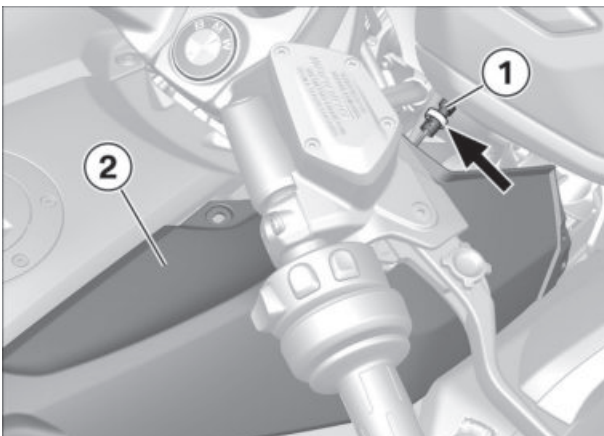
- Remove cable strap (**arrow**).
- Disconnect pink connector **(1)** for DAB foil antenna and black connector **(2)** for FM foil antenna.
- Remove left upper tank cover section **(3)**.



▷ **Removing right fuel-tank cover top section**



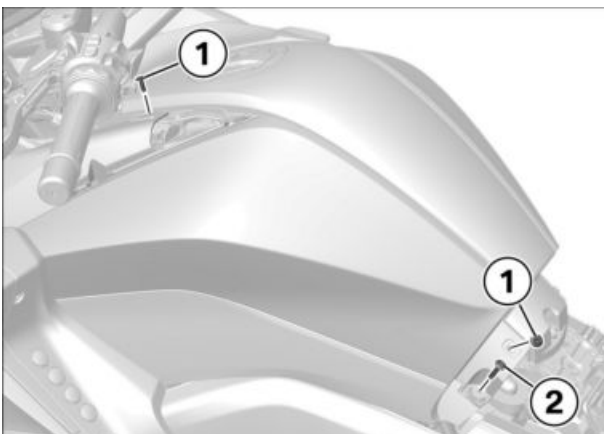
- Remove screws **(1)**.
- Loosen upper tank cover section **(2)**.



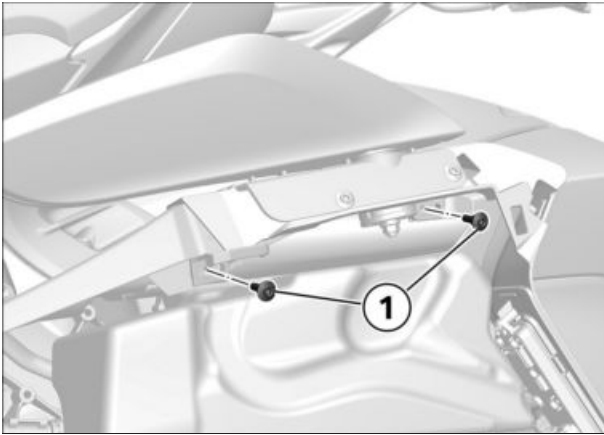
- Disconnect white connector **(1)** for AM foil antenna and remove right upper tank cover section **(2)**.



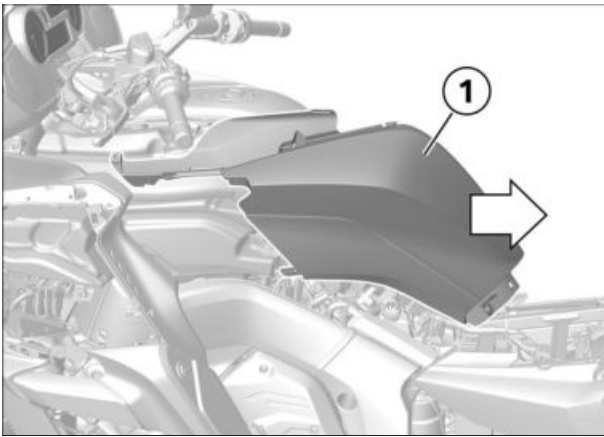
▷ **Removing left fuel-tank cover**



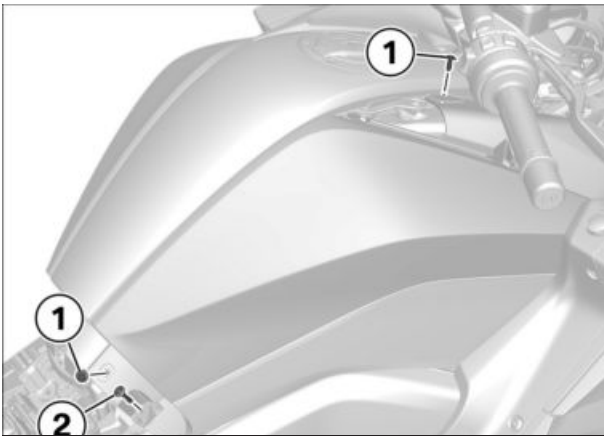
- Remove screws **(1)** and screw **(2)**.



- Remove screws (1).



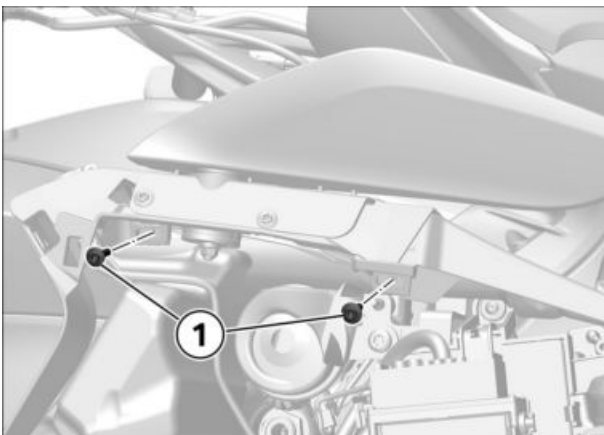
- Remove tank cover (1).



△

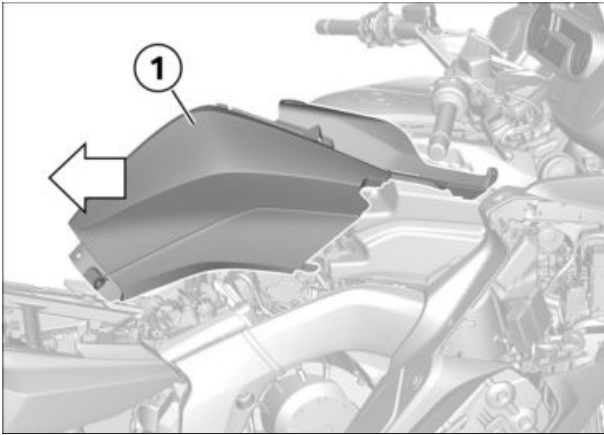
▽ **Removing right fuel-tank cover**

- Remove screws (1) and screw (2).



- Remove screws (1).

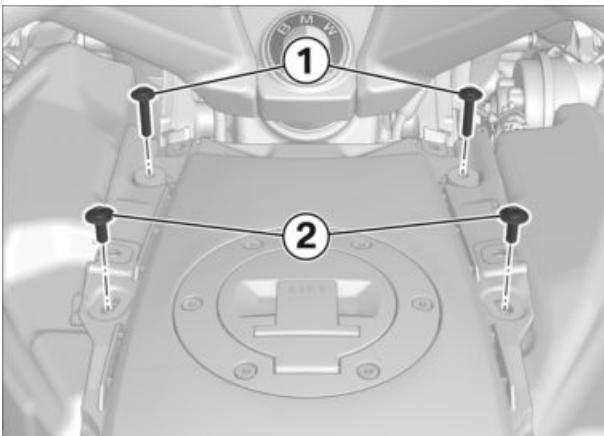




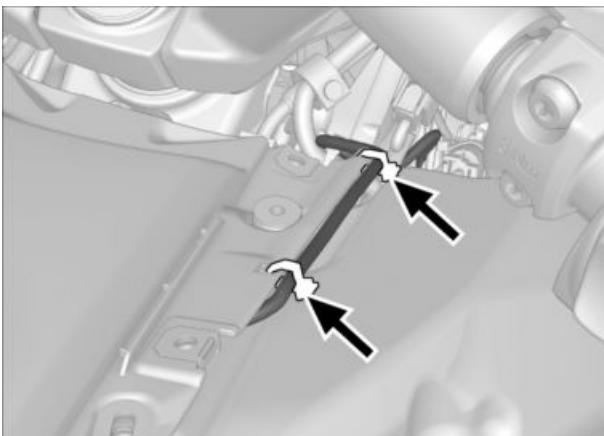
- Remove tank cover **(1)**.



▷ **Removing centre fuel-tank cover**



- Remove screws **(1)** and **(2)**.



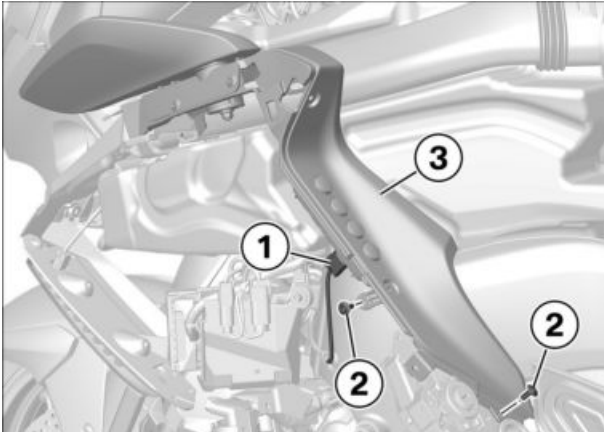
- with Keyless Ride<sup>OE</sup> (0193)
- Remove the cable straps **(arrows)**.◇



- Remove screw **(1)**.
- Remove fuel-tank cover **(2)**.



9

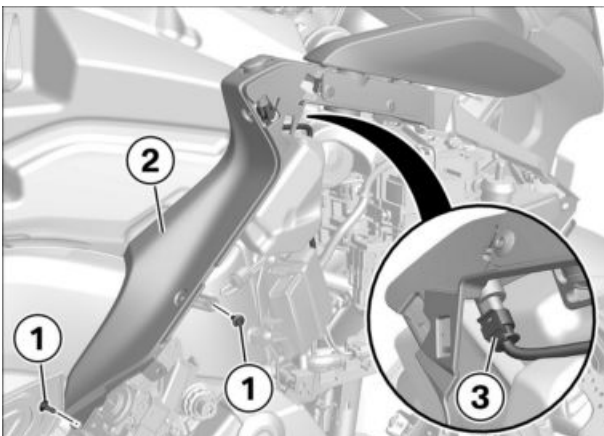


► **Remove rear left interior trim**

- Disconnect plug connection **(1)** for operating facility.
- Remove screws **(2)**.
- Remove rear interior trim **(3)**.



10

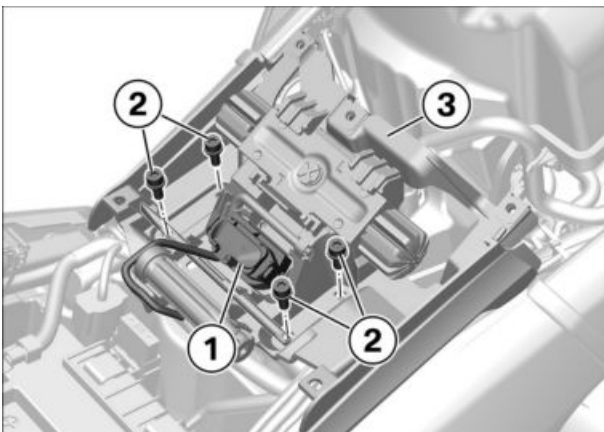


► **Removing rear right interior trim**

- Remove screws **(1)**.
- Loosen rear interior trim **(2)**.
- Disconnect plug connection **(3)** for the on-board socket.
- Remove rear interior trim **(2)**.



11



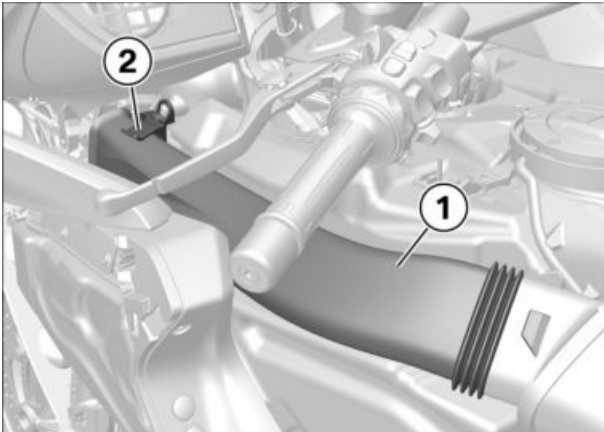
► **Removing seat support**

- Unclip diagnosis plug **(1)** and allow it to dangle to one side.
- Remove screws **(2)**.
- Remove seat support **(3)**.





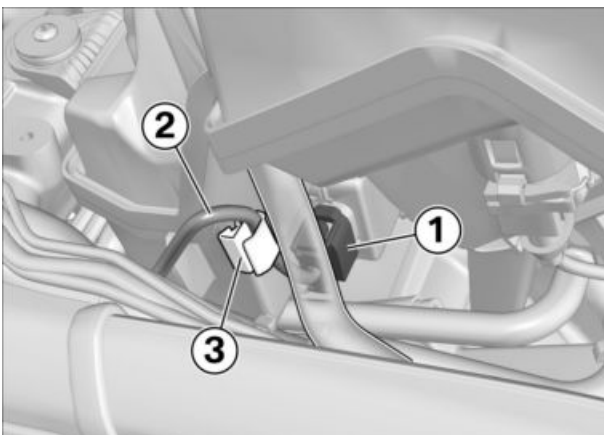
# 12



► **Disengaging left intake air pipe**

- Loosen left intake snorkel (1) from holder (2).

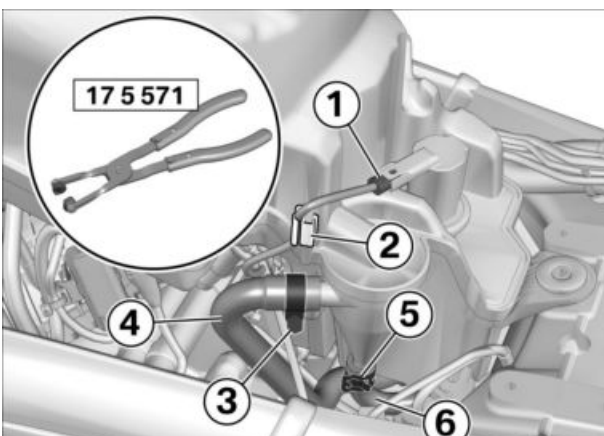
# 13



► **Removing complete intake air silencer**

– without Japan export<sup>NV</sup> (0742)

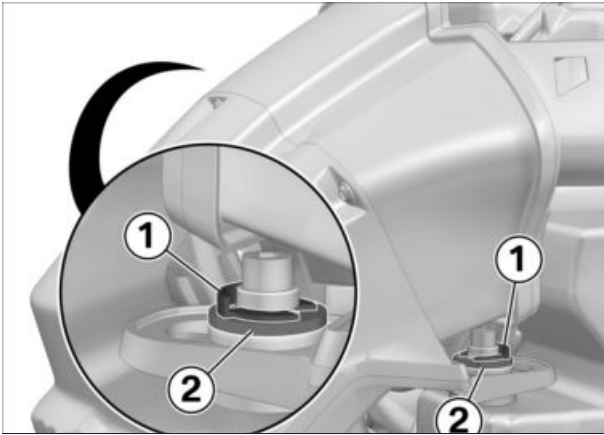
- Disconnect plug connection (1) for RDC control unit and release cable (2) from holder (3).◇



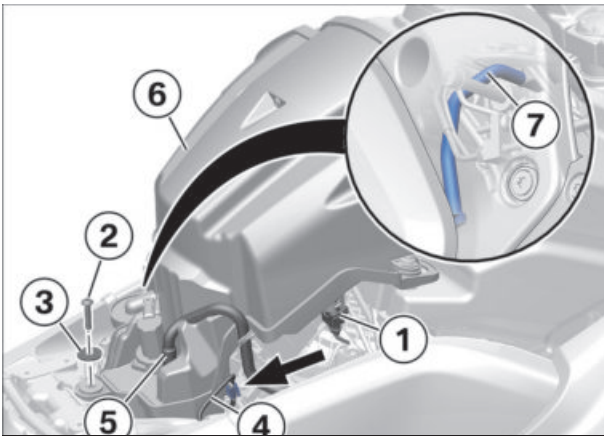
- Disconnect plug connection (1) for secondary air valve and disconnect cable (2).

- Loosen the screw clamp (3) and pull off the vent hose (4).

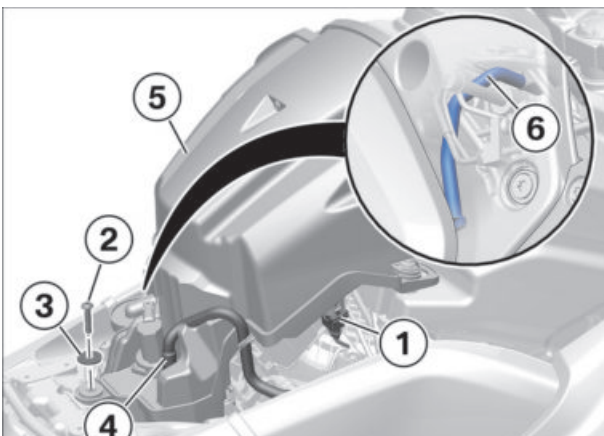
- Loosen clamp (5) with pliers (17 5 571) and pull off vent hose (6).



- Remove clips **(1)** with washers **(2)** on left and right.



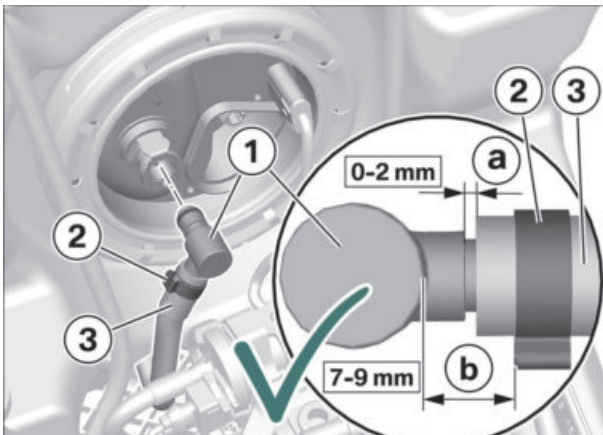
- Disconnect plug connection **(1)** for intake air temperature sensor.
- Remove screw **(2)** with contact disc **(3)**.
- Release the cable **(4)** from the holder (**arrow**).
- Pull off hose **(5)** for secondary air system.
- Remove intake silencer **(6)** completely and feed out hose **(7)** at the same time.



- with Japan export<sup>NV</sup> (0742)
- Disconnect plug connection **(1)** for intake air temperature sensor.
- Remove screw **(2)** with contact disc **(3)**.
- Pull off hose **(4)** for secondary air system.
- Remove intake silencer **(5)** completely and feed out hose **(6)** at the same time.◇




14



► **Rework hose clip.**

- Disconnect fuel line (1).
- Check that hose clip (2) and fuel line (3) are correctly installed and not loose.
- If hose clip (2) and fuel line (3) are correctly installed, **secure hose clip correctly**
- If hose clip (2) and fuel line (3) are not correctly installed, **install fuel line correctly and replace hose clip.**

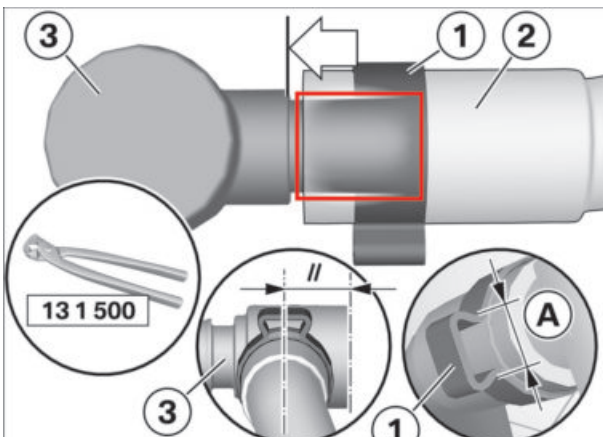
**Check**

 <b>Technical data</b>			
Dimension a (distance from end of hose to quick-release coupling)		0 <sup>+2</sup> mm	
Dimension b (distance from quick-release coupling to hose clamp)		7 <sup>+2</sup> mm	

**Result**


Dimension **a** and **b** are not met.

**Measure**



▷ **Replace hose clip.**

- Remove hose clip (1).
- Disconnect fuel line (2) from quick-release coupling (3).
- Clean and lubricate quick-release coupling (3) in the marked area.
- Use only **brake cleaner** or **fuel** for lubrication.
- Do **NOT** use silicone spray or similar.
- Push **new** hose clip (1) onto fuel fuel line (2).
- Push fuel line (2) onto quick-release coupling (3).
- After pushing on, wait for approx. 10 - 15 min until lubricating material has evaporated.
- Align **new** hose clip (1) with quick-release coupling (3) (**arrows**) and secure correctly (13 1 500) to dimension (**A**) using pliers.

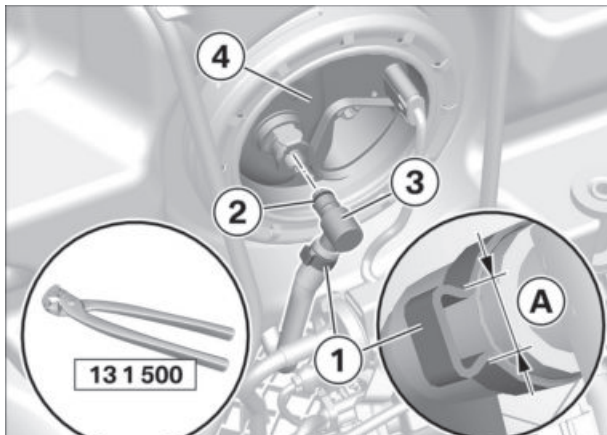
 <b>Technical data</b>			
Dimension b (specified closed size for single-eye clip on quick-release coupling)		2.5 <sup>+1.5</sup> mm	



**Result**


Dimension **a** and **b** are met.

**Measure**



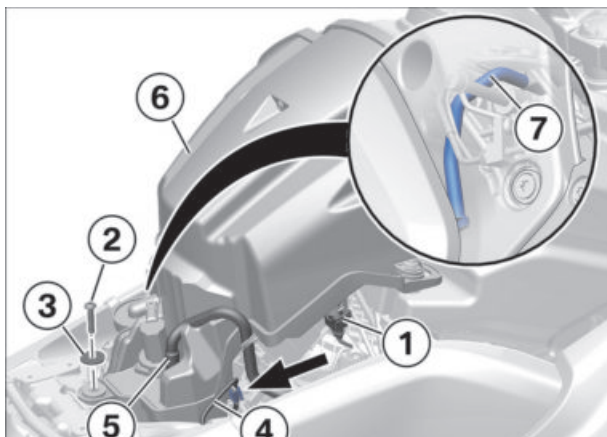
▷ **Correctly secure hose clip using pliers.**

- Correctly secure hose clip **(1)** (13 1 500) to dimension **(A)** using pliers.

 <b>Technical data</b>			
Dimension b (specified closed size for single-eye clip on quick-release coupling)		2.5 <sup>+1.5</sup> mm	


- Check O-ring **(2)** for damage; replace if necessary.
- Connect fuel line **(3)** to fuel tank **(4)**.

**15**



▶ **Installing complete intake air silencer**

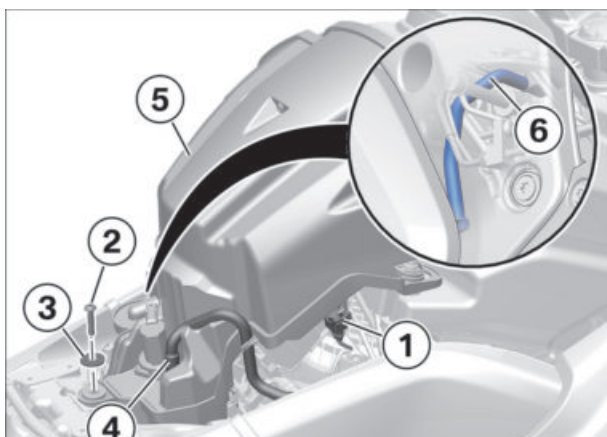
- Install intake silencer **(6)** and insert hose **(7)** at the same time.
- Install bolt **(2)** with contact disc **(3)**.


 <b>Tightening torques</b>		
<b>Intake air silencer to frame</b>		
M6 x 30 Thread-locking compound (mechanical)	8 Nm	

- Slide on hose **(5)** for secondary air system.
- Secure the cable **(4)** in the holder **(arrow)**.
- Connect plug connection **(1)** for intake air temperature sensor.

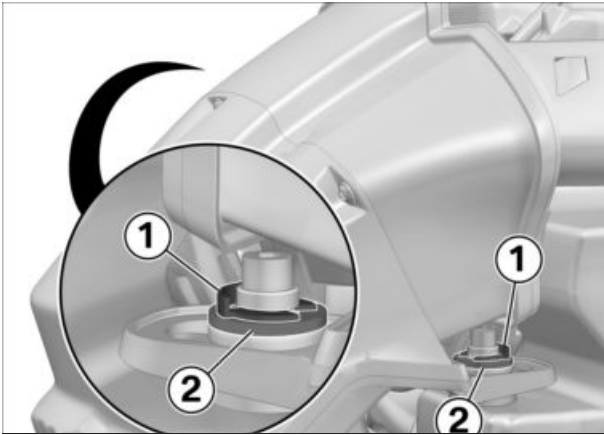
– with Japan export<sup>NV</sup> (0742)

- Install intake silencer **(5)** and insert hose **(6)** at the same time.
- Install bolt **(2)** with contact disc **(3)**.

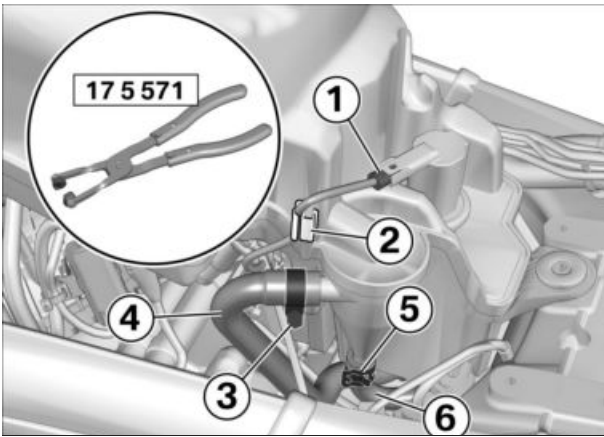


 <b>Tightening torques</b>		
<b>Intake air silencer to frame</b>		
M6 x 30 Thread-locking compound (mechanical)	8 Nm	

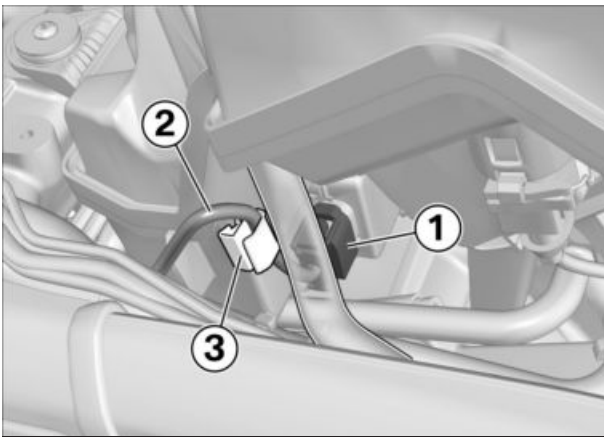
- Slide on hose **(4)** for secondary air system.
- Connect plug connection **(1)** for intake air temperature sensor.◇



- Install washers **(2)** with clips **(1)** on left and right.



- Slide on vent hose **(6)** and fasten clamp **(5)** with pliers (17 5 571).
- Slide on vent hose **(4)** and fasten screw clamp **(3)**.
- Connect plug connection **(1)** for secondary air valve and secure cable in holder **(2)**.

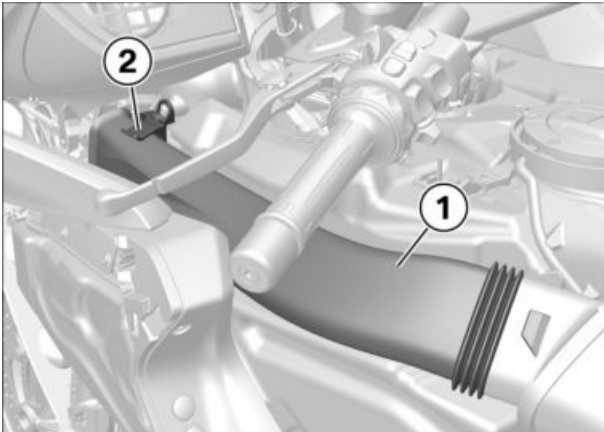


- without Japan export<sup>NV</sup> (0742)
- Connect plug connection **(1)** for RDC control unit and secure cable **(2)** in holder **(3)**.◇





# 16

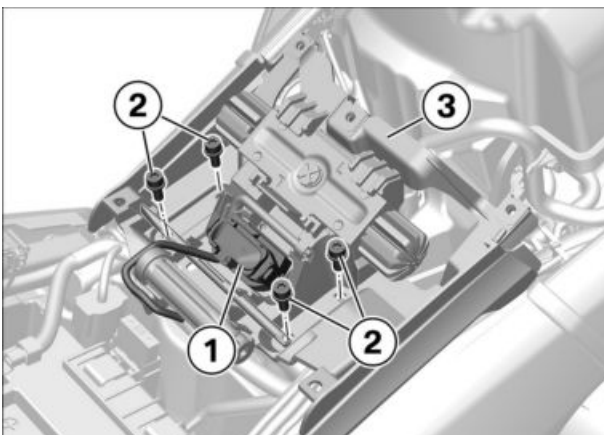


► **Securing left intake air pipe**

- Secure intake snorkel (1) in holder (2).




# 17



► **Installing seat support**

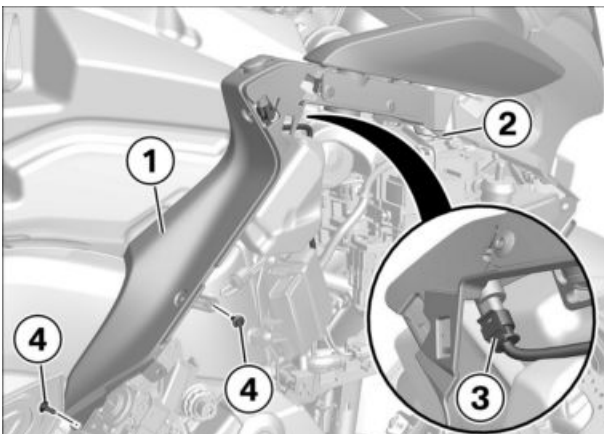
- Install seat support (3).
- Install screws (2).

 <b>Tightening torques</b>		
<b>Seat support to frame</b>		
M6 x 16	10 Nm	

- Clip diagnosis plug (1) into position.



# 18



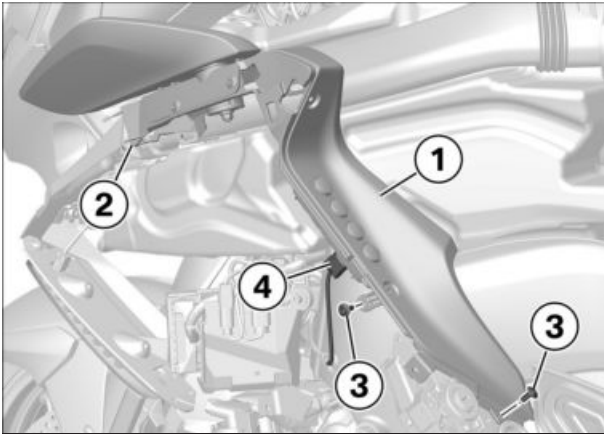
► **Installing rear right interior trim**

- Position rear interior trim (1), paying attention to the retaining lug (2) while doing so.
- Connect plug (3) for the on-board socket.
- Install screws (4).





## 19

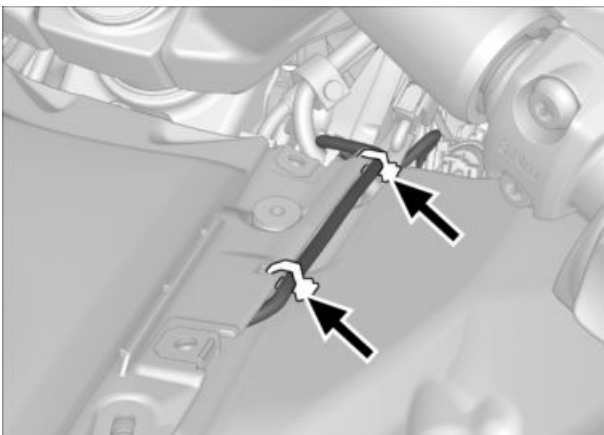
▶ **Install rear left interior trim**

- Position rear interior trim **(1)**, paying attention to the retaining lug **(2)** while doing so.
- Install screws **(3)**.
- Connect plug connection **(4)** for operating facility.

## 20

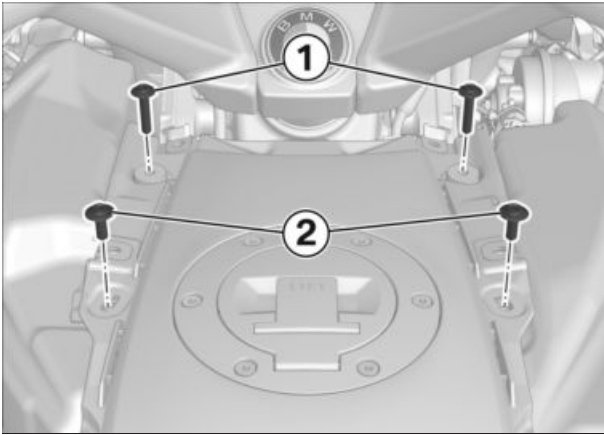
▶ **Installing complete fuel-tank cover**▷ **Installing centre tank cover**

- Hold fuel-tank cover **(2)** in position.
- Install handlebar end plug **(1)**.



– with Keyless Ride<sup>OE</sup> (0193)

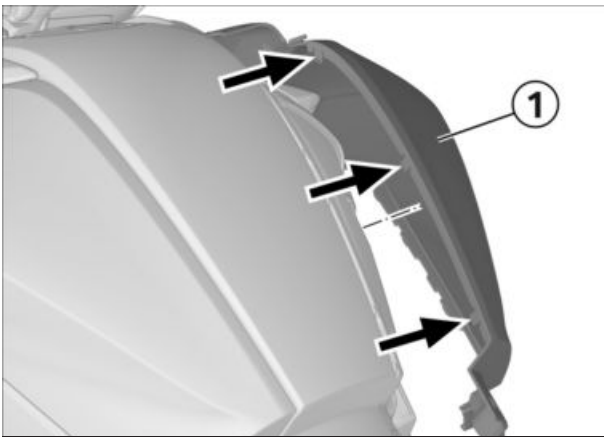
- Close the cable strap **(arrows)**.◇



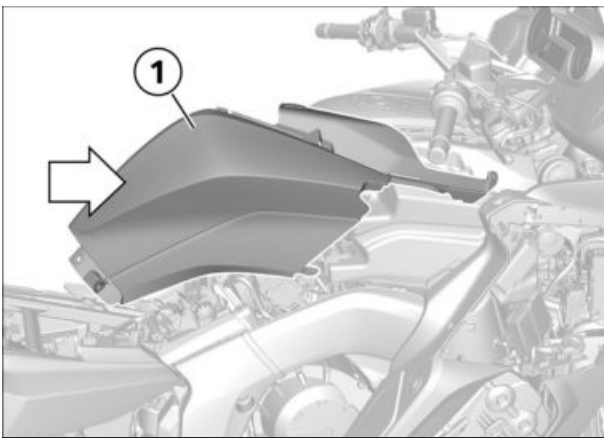
- Install screws (1) and (2).



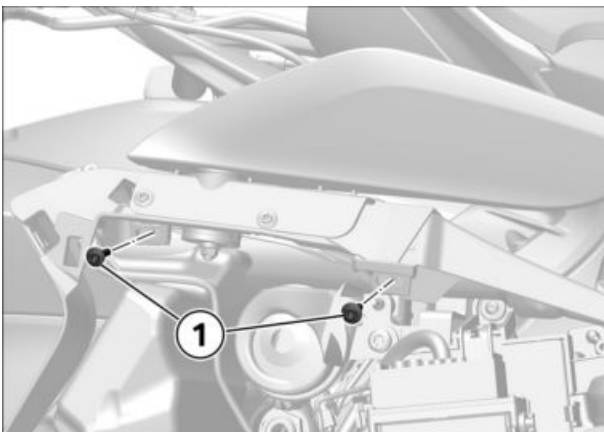
▷ **Installing right fuel-tank cover**



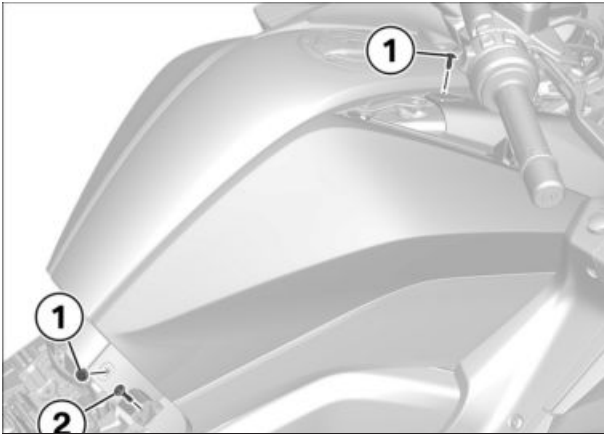
- Hold tank cover (1) in position, noting the retaining lugs (arrows).



- Install tank cover (1).



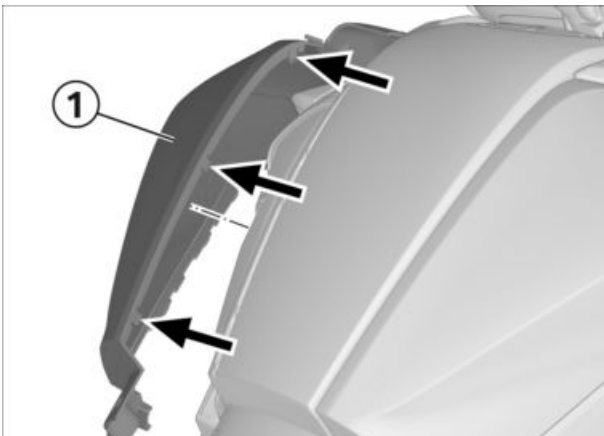
- Install screws (1).



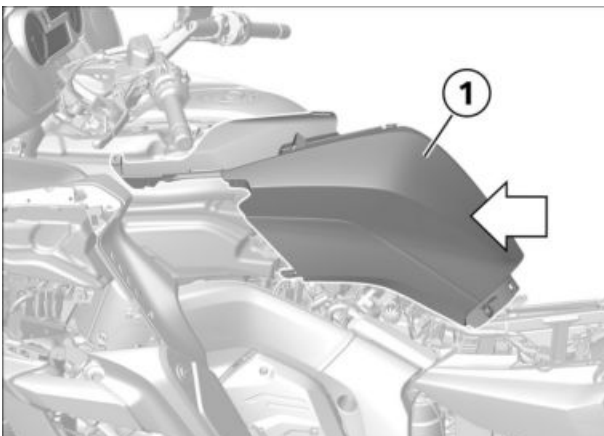
- Install screws **(1)** and screw **(2)**.



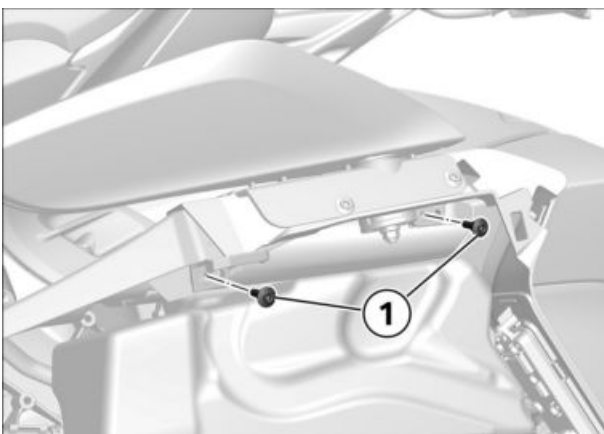
▷ **Installing left fuel-tank cover**



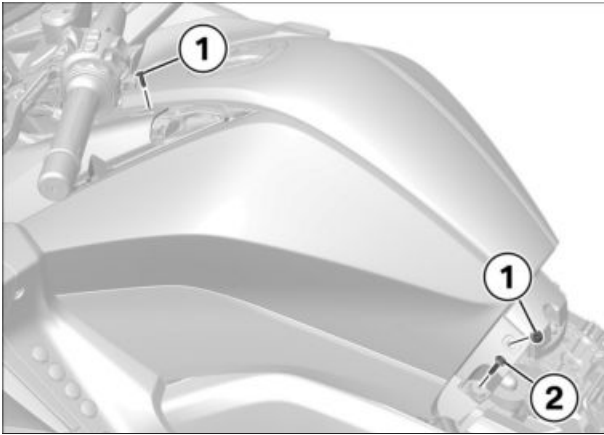
- Hold tank cover **(1)** in position, noting the retaining lugs **(arrows)**.



- Install tank cover **(1)**.



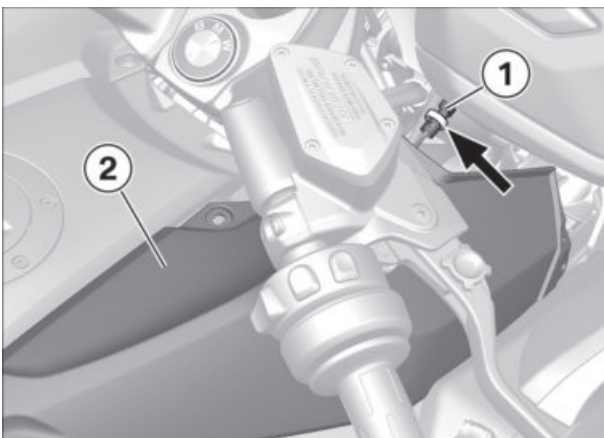
- Install screws **(1)**.



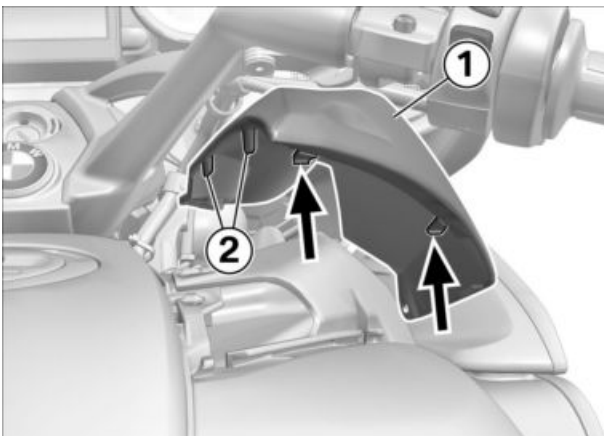
- Install screws **(1)** and screw **(2)**.



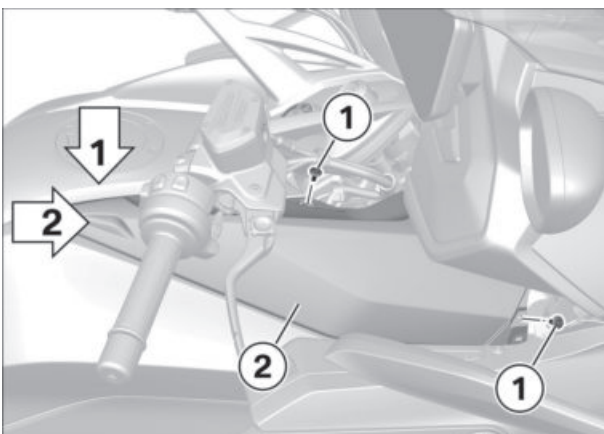
▷ **Installing right fuel-tank cover top section**



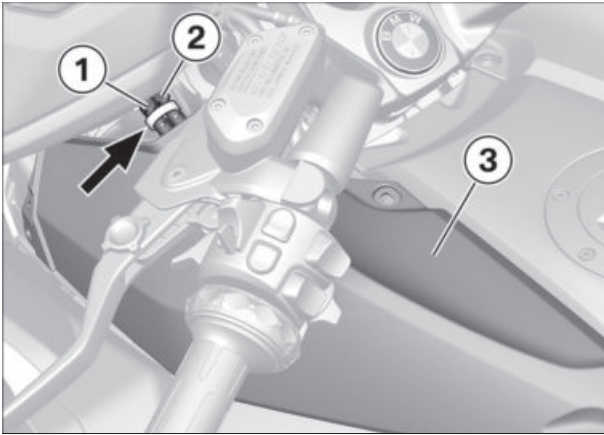
- Position right upper tank cover section **(2)** and connect white connector **(1)** for AM foil aerial.
- Secure excess cable lengths with cable strap **(arrow)**.



- Position upper tank cover section **(1)**, noting retaining tabs **(2)** and retaining lugs **(arrows)**.

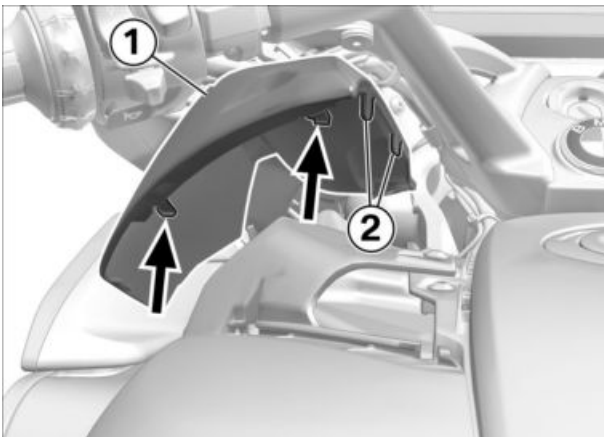


- Install upper tank cover section **(2)**.
- Install screws **(1)**.

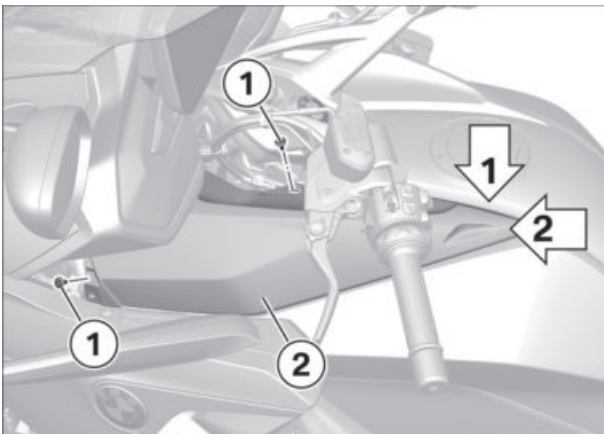


▽ **Installing left fuel-tank cover top section**

- Position left upper tank cover section **(3)**.
- Connect pink connector **(1)** for DAB foil antenna and black connector **(2)** for FM foil antenna.
- Secure excess cable lengths with cable strap **(arrow)**.



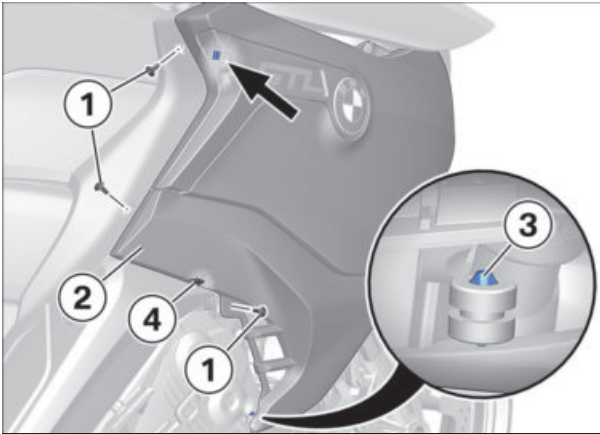
- Position upper tank cover section **(1)**, noting retaining tabs **(2)** and retaining lugs **(arrows)**.



- Install upper tank cover section **(2)**.
- Install screws **(1)**.

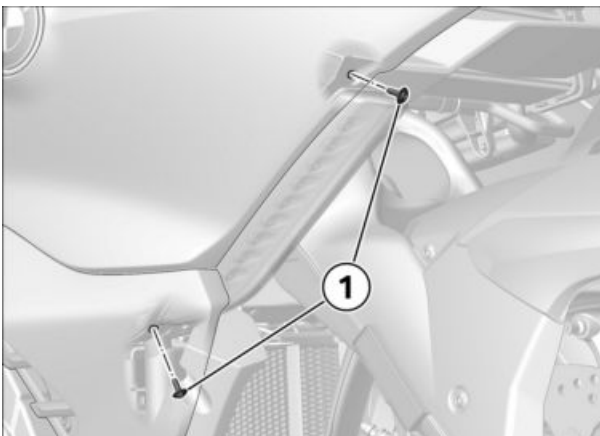


## 21

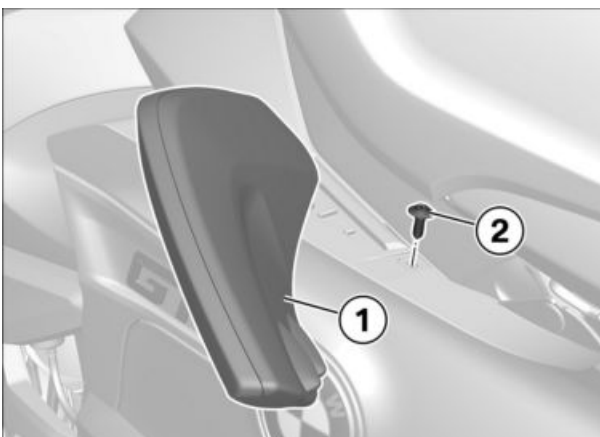


## ► Installing right side panel

- Push fairing side panel **(2)** onto mounting pin **(3)**.
- Secure fairing side panel **(2)** with retaining clip **(arrow)**, noting the bracket **(4)**.
- Install screws **(1)**.

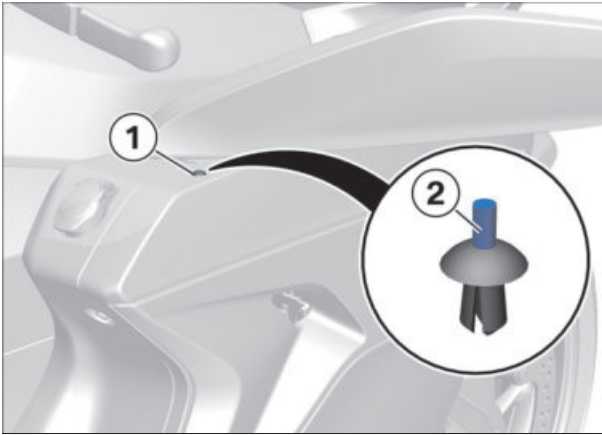


- Install screws **(1)**.



- Turn slipstream deflector **(1)** to one side.
- Install screw **(2)**.

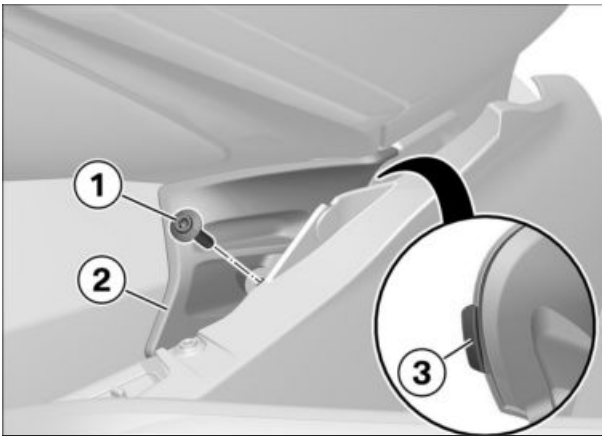




- Install expanding rivet **(1)**, press pin **(2)** into expanding rivet **(1)** while doing so.



## 22

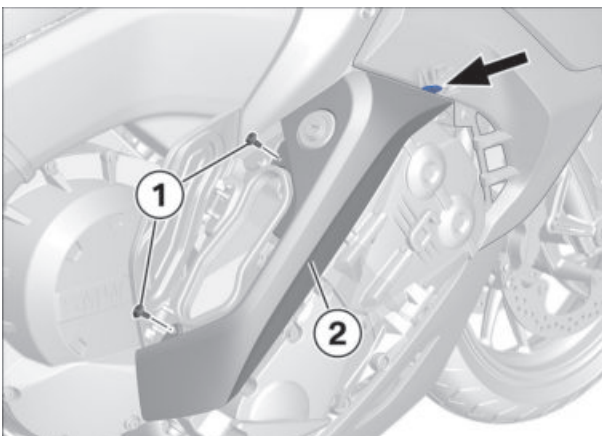


### ► Installing cover for right intake snorkel

- Install cover **(2)**, paying attention to the retaining lug **(3)** and engaging that correctly.
- Install handlebar end plug **(1)**.



## 23

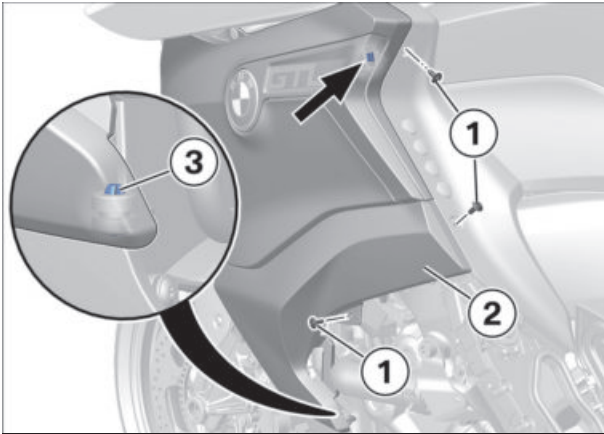


### ► Install the right bottom side panel

- Install bottom fairing side panel **(2)**, engaging the retaining lug **(arrow)**.
- Install screws **(1)**.

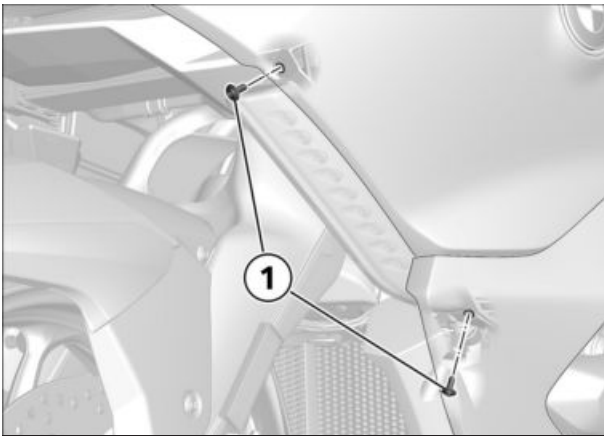


## 24

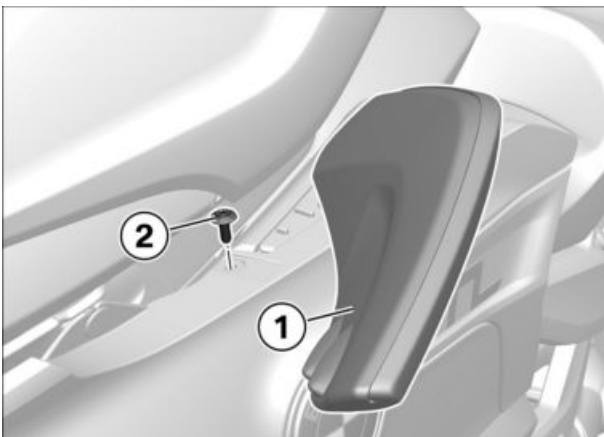


## ► Installing left side panel

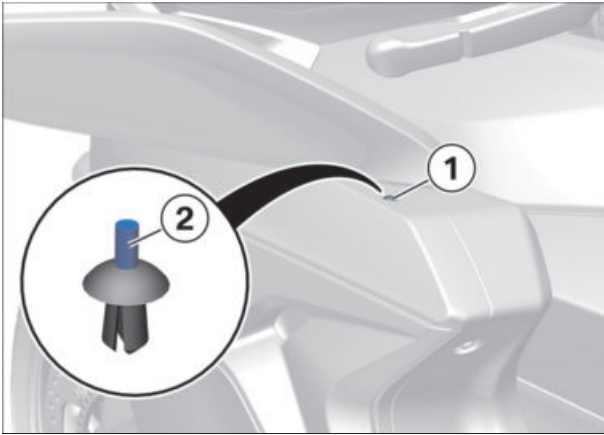
- Push fairing side panel **(2)** onto mounting pin **(3)**.
- Secure fairing side panel **(2)** with retaining clip **(arrow)**.
- Install screws **(1)**.



- Install screws **(1)**.



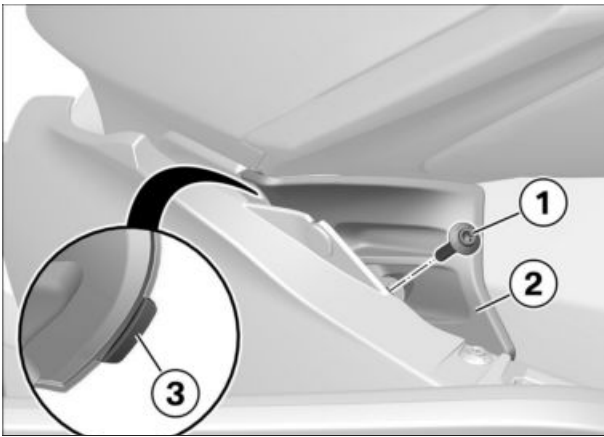
- Turn slipstream deflector **(1)** to one side.
- Install screw **(2)**.



- Install expanding rivet (1), press pin (2) into expanding rivet (1) while doing so.



## 25

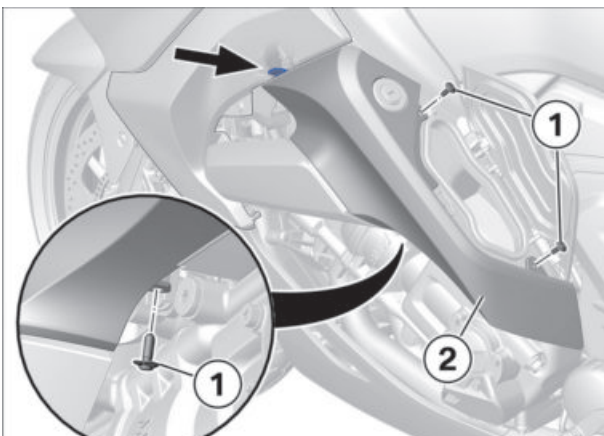


### ► Installing cover for left intake snorkel

- Install cover (2), paying attention to the retaining lug (3) and engaging that correctly.
- Install handlebar end plug (1).



## 26

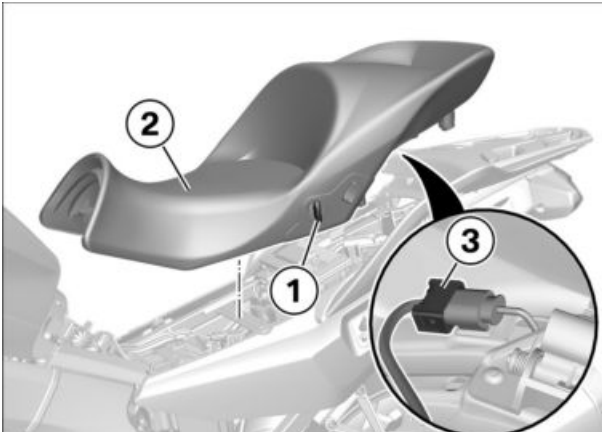


### ► Installing left bottom side panel

- Install bottom fairing side panel (2), engaging the retaining lug (arrow).
- Install screws (1).



27



### ► Installing seat

- Place seat **(2)** in position.
- Connect plug **(3)** for the seat heating.
- Install seat **(2)** and make sure that seat lock **(1)** locks.

28

### ► Final check of work performed

- Check the following:
  - The work as performed achieved the intended purpose.
  - All reservoirs and containers have been filled and all fluids and lubricants are at their correct levels.
  - All threaded fasteners released beforehand have been correctly retightened.
  - The fuel system is free of leaks.
  - The lights and signalling equipment are fully operational and the vehicle is roadworthy.
  - The brake pads of the front and rear brakes are bedded against the brake discs.

### ▷ Function test, engine start suppression

#### Check

- Set kill switch to "ON" position.
- Select neutral.
- Switch on the ignition.
  - » Neutral telltale light "N" lights up.
- Select a gear.
  - » Neutral telltale light "N" goes out.
- Press the starter button.
  - » Starter does **not** operate.
- Extend the side stand.
- Pull the clutch lever.
- Press the starter button.
  - » Starter does **not** operate.
- Retract the side stand.
- Press the starter button without releasing the clutch lever.
  - » Starter operates.

**Result**

Not all test steps completed successfully.

**Measure**

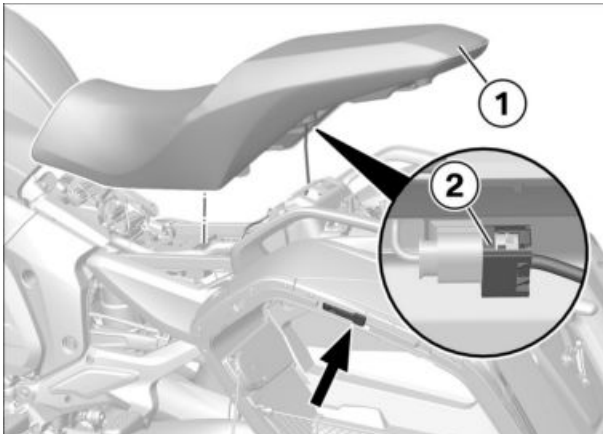
- Check the appropriate parts with the BMW Motorrad diagnostic system.



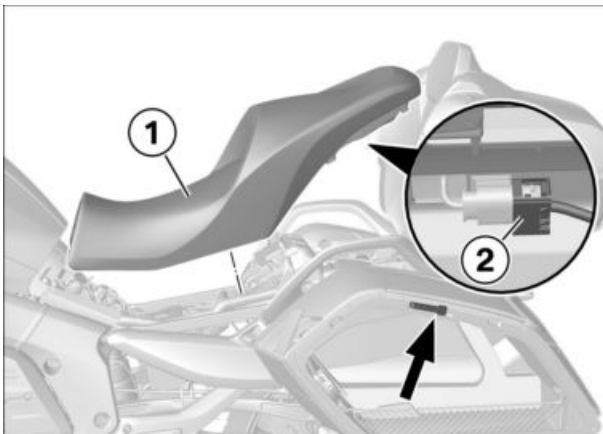
## OF61 - K 1600 B

## 00 60 436 Rework hose clip

1

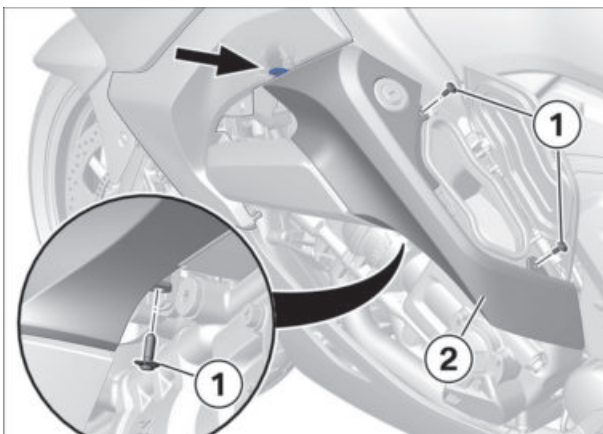
► **Removing seat**

- Open left case and operate unlocking (**arrow**) for motorcycle seat **(1)**.
- Lift seat **(1)** and disconnect connector **(2)** for seat heating.
- Remove the seat **(1)**.

– with topcase<sup>OE</sup> (0696)

- Open left case and operate unlocking (**arrow**) for motorcycle seat **(1)**.
- Lift seat **(1)** and disconnect connector **(2)** for seat heating.
- Remove the seat **(1)**.◇

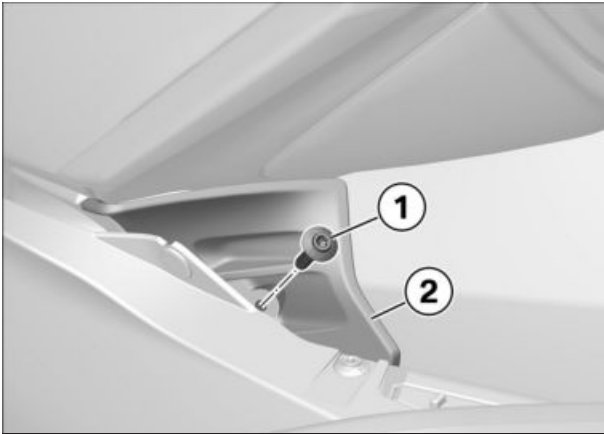
2

► **Removing left bottom side panel**

- Remove screws **(1)**.
- Remove bottom fairing side panel **(2)**, disengaging the retaining lug (**arrow**).



3



► **Removing cover for left intake snorkel**

- Remove screw (1).
- Remove cover (2).

4

► **Removing left side panel**

 **ATTENTION**

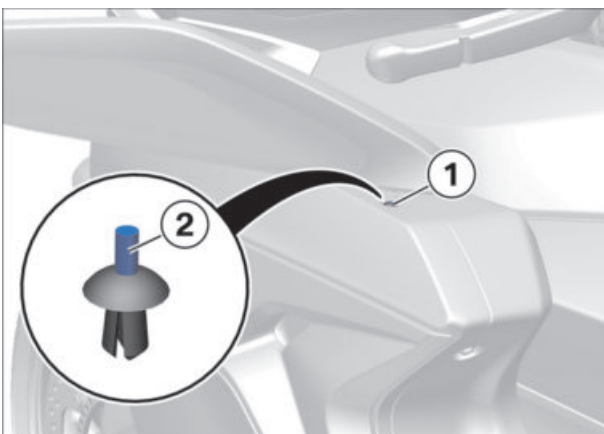
**Scratches and damage to trim panel components**

Component damage

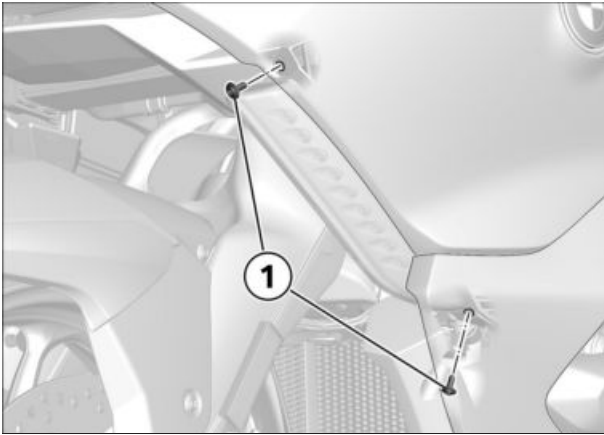
- Do not use sharp-edged or hard tools.
- Use tools made of plastic, for example.



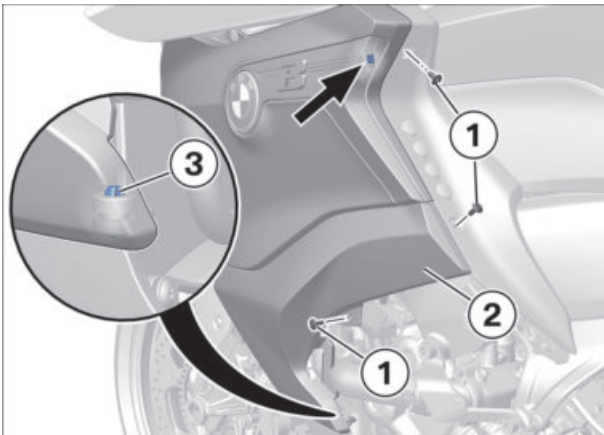
- Turn slipstream deflector (1) to the side.
- Remove bolt (2).



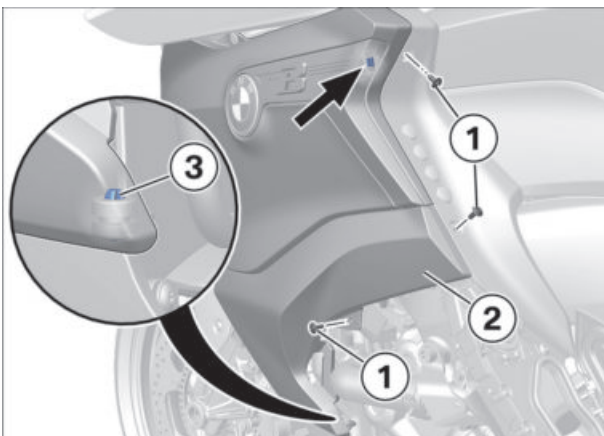
- Remove expanding rivet (1) and press pin (2) down with suitable tool.



- Remove screws **(1)**.

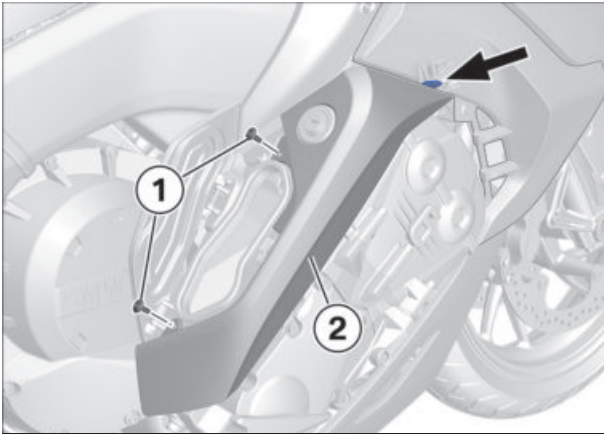


- Remove screws **(1)**.
- Loosen fairing side panel **(2)**, noting retaining clip **(arrow)**.
- Pull off fairing side panel **(2)** from mounting pin **(3)** to the top.
- Remove fairing side panel **(2)**.

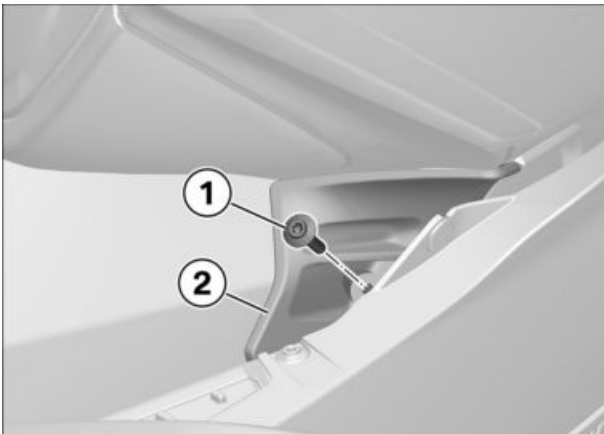


- with storage compartment<sup>OE</sup> (0152)
- Remove screws **(1)**.
- Loosen fairing side panel **(2)**, noting retaining clip **(arrow)**.
- Pull off fairing side panel **(2)** from mounting pin **(3)** to the top.
- Remove fairing side panel **(2)**.◇



**5****► Removing right bottom side panel**

- Remove screws **(1)**.
- Remove bottom fairing side panel **(2)**, disengaging the retaining lug **(arrow)**.

**6****► Removing cover for right intake snorkel**

- Remove screw **(1)**.
- Remove cover **(2)**.

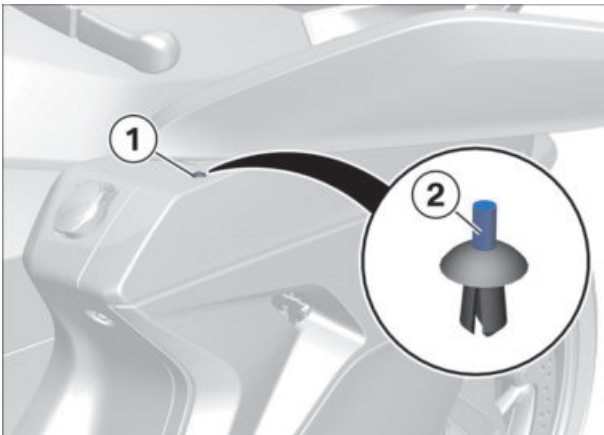
**7****► Removing right side panel****ATTENTION**

**Scratches and damage to trim panel components**  
Component damage

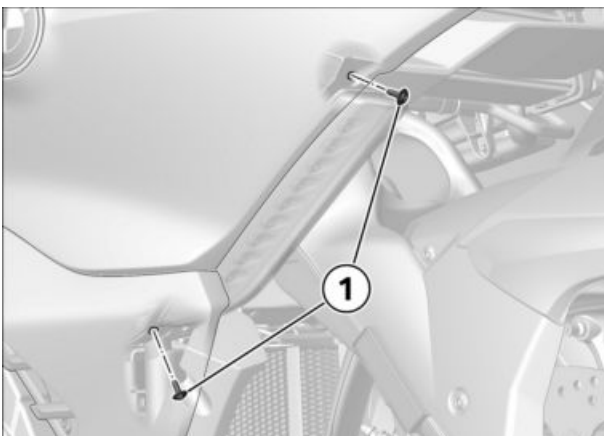
- Do not use sharp-edged or hard tools.
- Use tools made of plastic, for example.



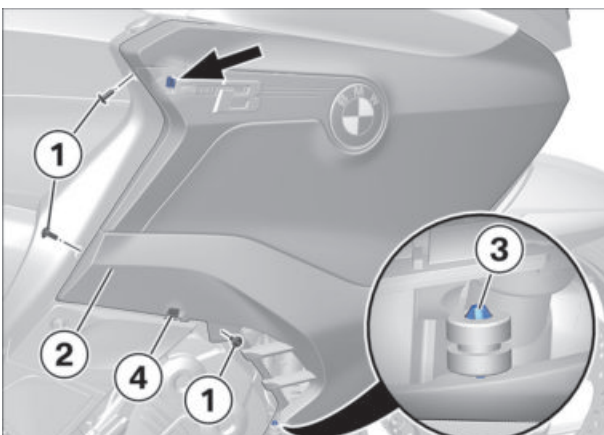
- Turn slipstream deflector **(1)** to the side.
- Remove bolt **(2)**.



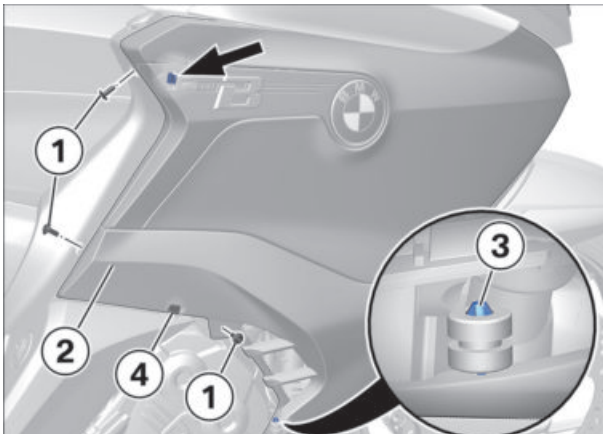
- Remove expanding rivet **(1)** and press pin **(2)** down with suitable tool.



- Remove screws **(1)**.



- Remove screws **(1)**.
- Loosen fairing side panel **(2)**, noting retaining clip **(arrow)**.
- Pull off fairing side panel **(2)** from mounting pin **(3)** to the top.
- Remove fairing side panel **(2)**, noting holder **(4)**.

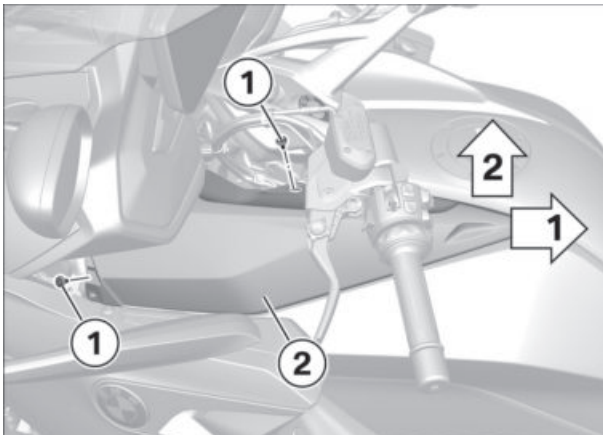


- with storage compartment<sup>OE</sup> (0152)
- Remove screws **(1)**.
- Loosen fairing side panel **(2)**, noting retaining clip **(arrow)**.
- Pull off fairing side panel **(2)** from mounting pin **(3)** to the top.
- Remove fairing side panel **(2)**, noting holder **(4)**.◇

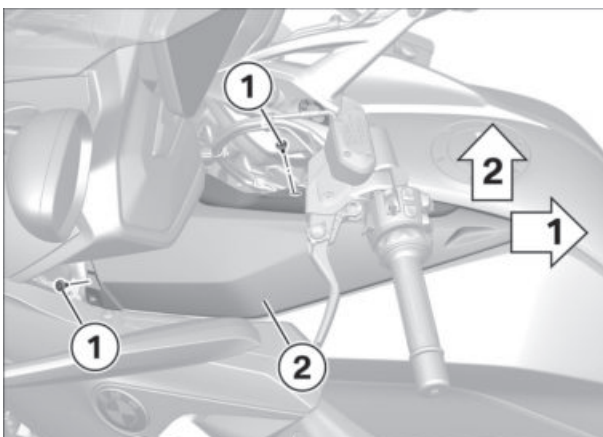


**8**

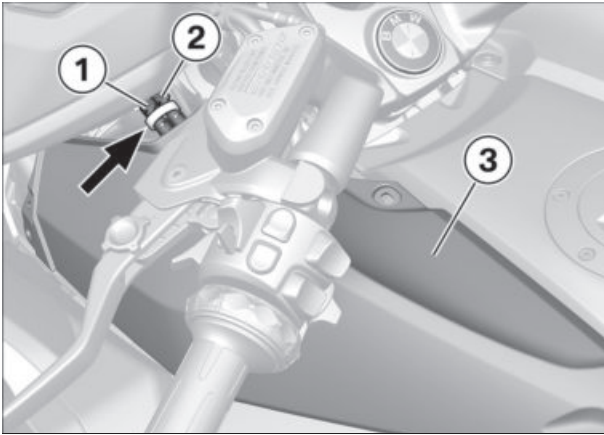
► **Removing complete fuel-tank cover**  
 ▷ **Removing left fuel-tank cover top section**



- Remove screws **(1)**.
- Remove upper tank cover section **(2)**.



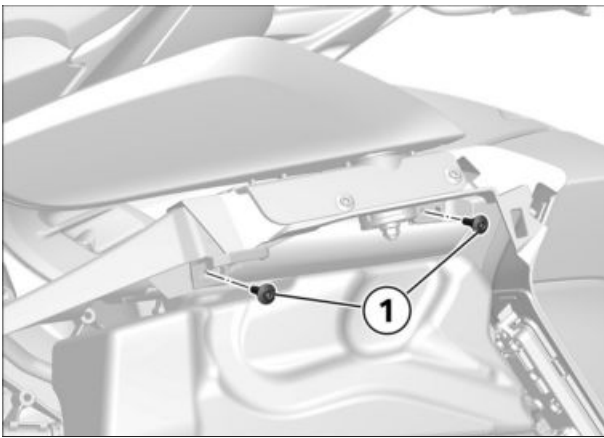
- with audio system<sup>OE</sup> (0268)
- or
- with US audio system<sup>OE</sup> (0270)
- Remove screws **(1)**.
- Loosen upper tank cover section **(2)**.◇



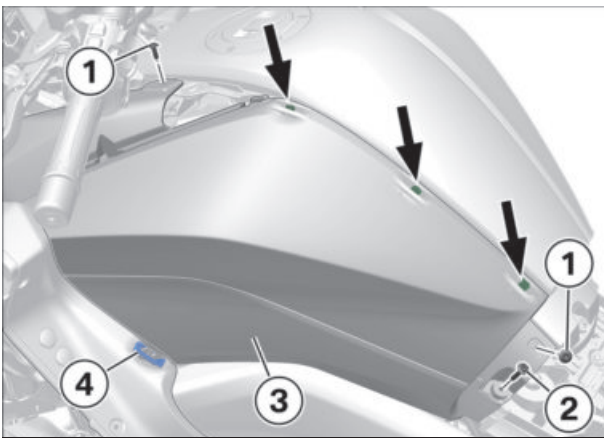
- with audio system<sup>OE</sup> (0268)
- Disconnect pink connector **(1)** for DAB foil antenna and black connector **(2)** for FM foil antenna.
- Remove left upper tank cover section **(3)**.◇



▷ **Removing left fuel-tank cover**



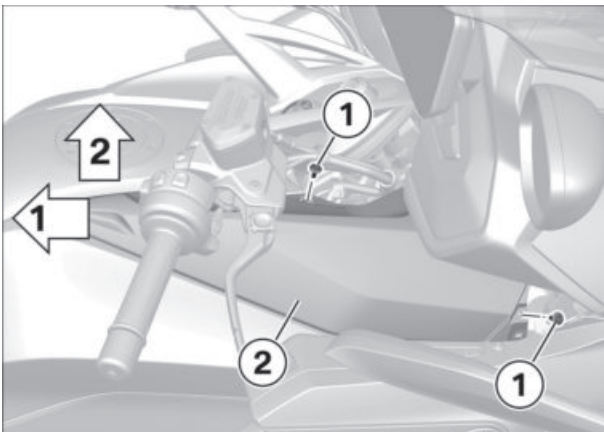
- Remove screws **(1)**.



- Remove screws **(1)**.
- Remove bolt **(2)**.
- Pull out tank cover **(3)** from rubber grommet **(4)**, noting retaining lugs **(arrows)**.

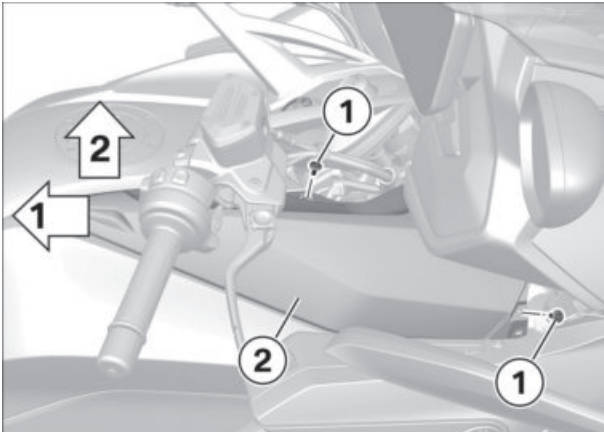


▷ **Removing right fuel-tank cover top section**

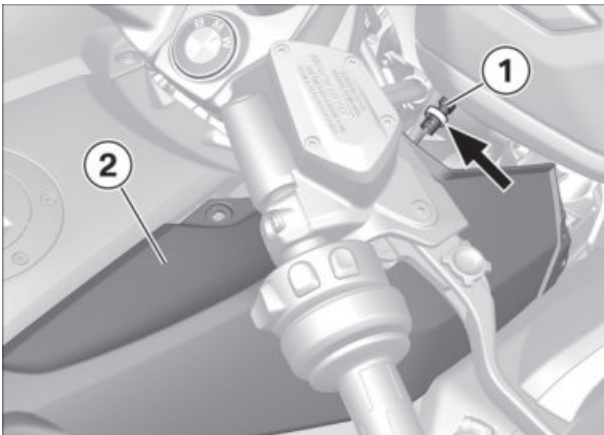


- Remove screws **(1)**.
- Remove upper tank cover section **(2)**.





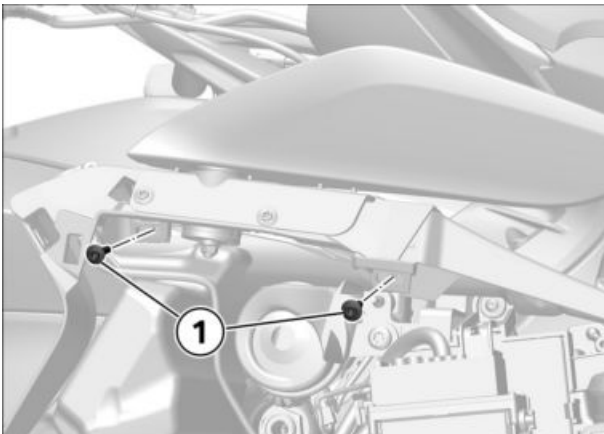
- with audio system<sup>OE</sup> (0268)
- or
- with US audio system<sup>OE</sup> (0270)
- Remove screws **(1)**.
- Loosen upper tank cover section **(2)**.◇



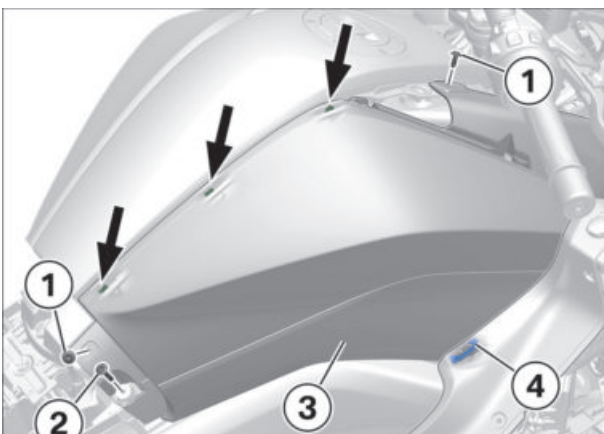
- with audio system<sup>OE</sup> (0268)
- or
- with US audio system<sup>OE</sup> (0270)
- Disconnect connector **(1)** for AM foil antenna and remove right upper tank cover section **(2)**.◇



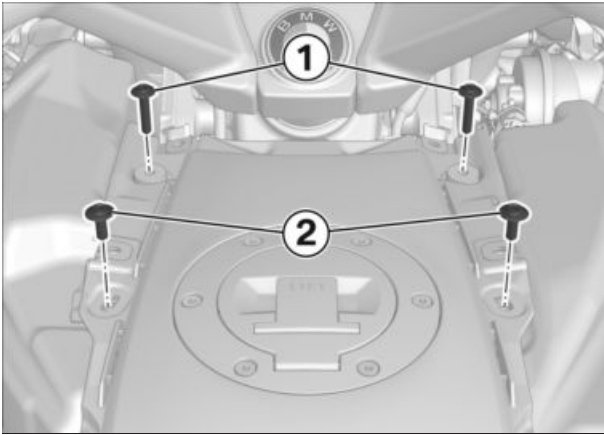
▷ **Removing right fuel-tank cover**



- Remove screws **(1)**.

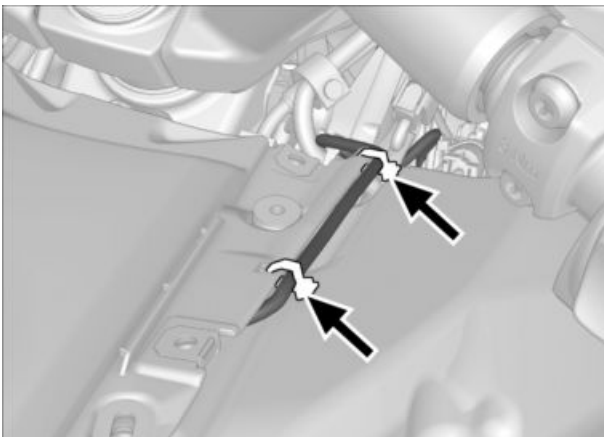


- Remove screws **(1)**.
- Remove bolt **(2)**.
- Pull out tank cover **(3)** from rubber grommet **(4)**, noting retaining lugs **(arrows)**.



▷ **Removing centre fuel-tank cover**

- Remove screws **(1)** and **(2)**.



– with Keyless Ride<sup>OE</sup> (0193)

- Remove the cable straps **(arrows)**.◇

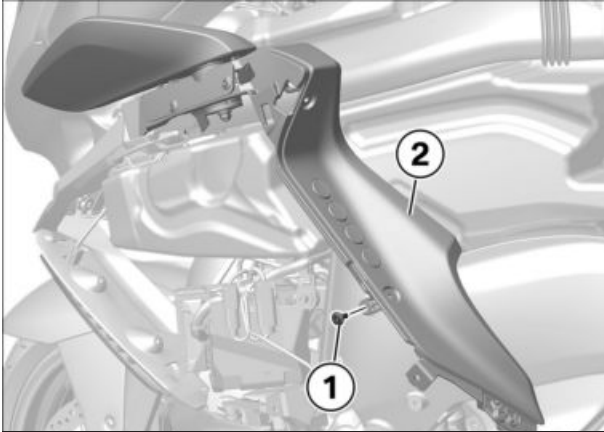


- Remove screw **(1)**.

- Remove fuel-tank cover **(2)**.

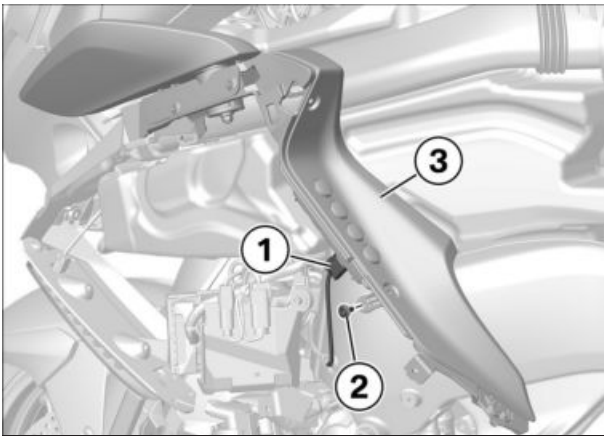


## 9



► **Remove rear left interior trim**

- Remove bolt **(1)**.
- Remove rear interior trim **(2)**.

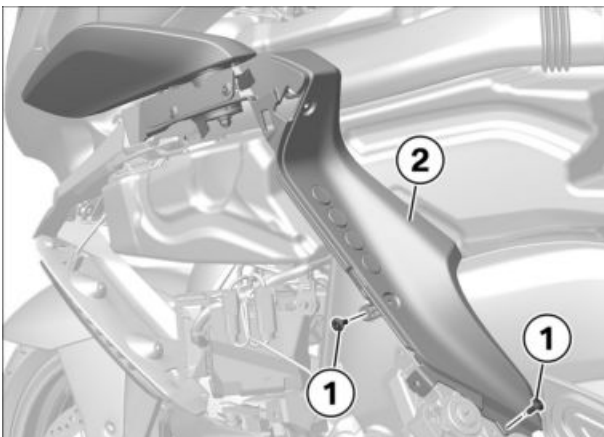


– with audio system<sup>OE</sup> (0268)

or

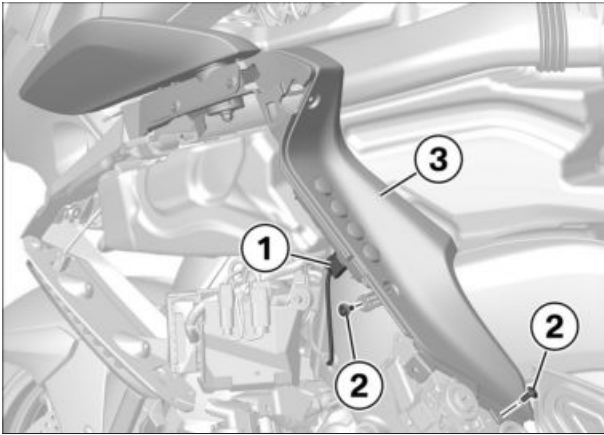
– with US audio system<sup>OE</sup> (0270)

- Disconnect plug connection **(1)** for operating facility.
- Remove bolt **(2)**.
- Remove rear interior trim **(3)**.◇



– with storage compartment<sup>OE</sup> (0152)

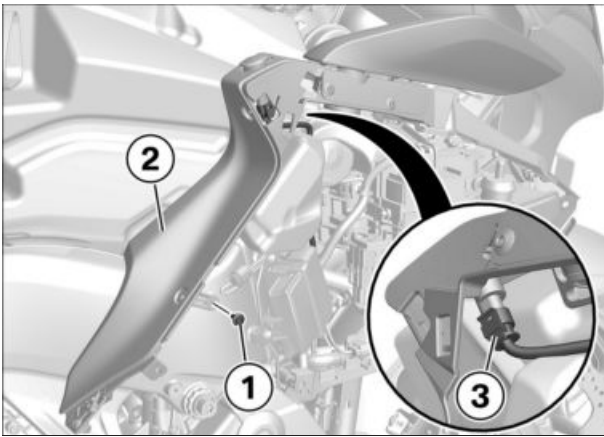
- Remove screws **(1)**.
- Remove rear interior trim **(2)**.◇



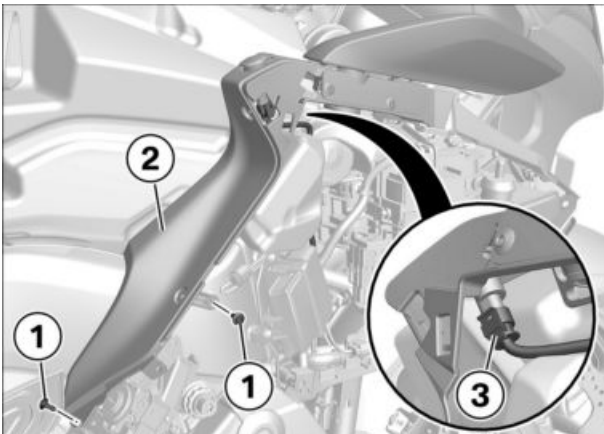
- with audio system<sup>OE</sup> (0268)
- with storage compartment<sup>OE</sup> (0152)
- or
- with US audio system<sup>OE</sup> (0270)
- with storage compartment<sup>OE</sup> (0152)
- Disconnect plug connection **(1)** for operating facility.
- Remove screws **(2)**.
- Remove rear interior trim **(3)**.◇



# 10



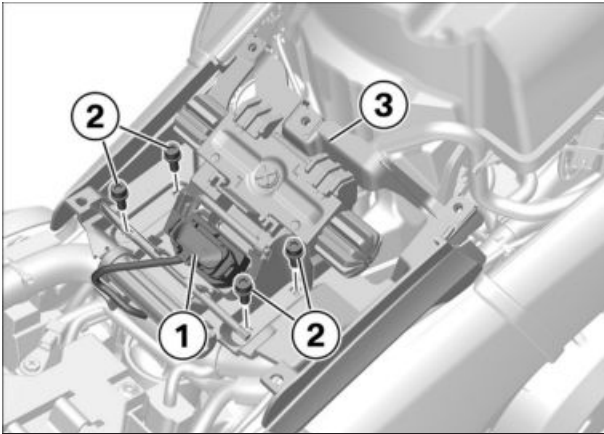
- **Removing rear right interior trim**
- Remove bolt **(1)**.
  - Loosen rear interior trim **(2)**.
  - Disconnect plug connection **(3)** for socket.
  - Remove rear interior trim **(2)**.



- with storage compartment<sup>OE</sup> (0152)
- Remove screws **(1)**.
- Loosen rear interior trim **(2)**.
- Disconnect plug connection **(3)** for socket.
- Remove rear interior trim **(2)**.◇

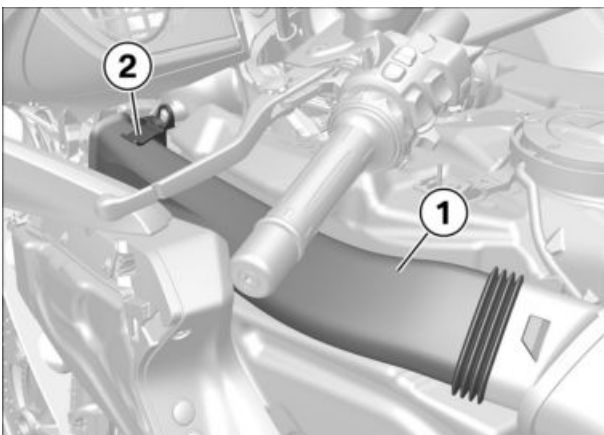


## 11

▶ **Removing seat support**

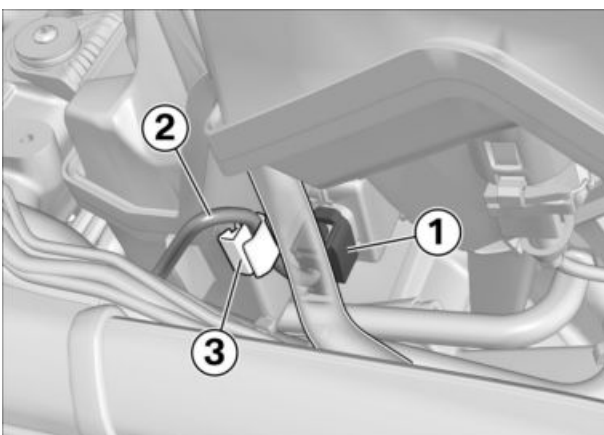
- Unclip diagnostic socket (1) and hang to the side.
- Remove screws (2).
- Remove seat support (3).

## 12

▶ **Disengaging left intake air pipe**

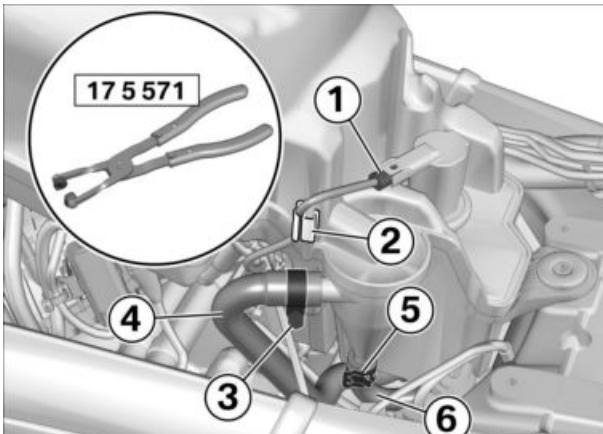
- Loosen left intake snorkel (1) from holder (2).

## 13

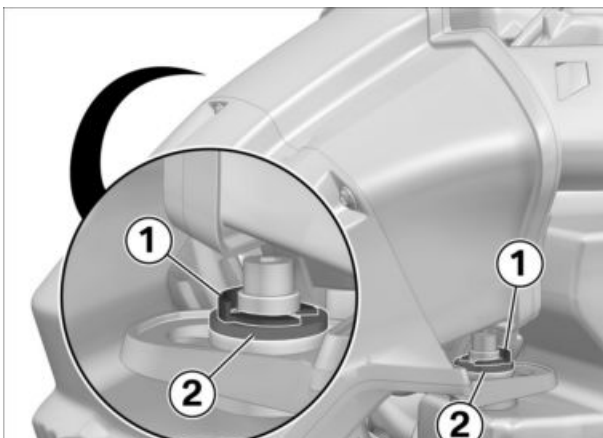
▶ **Removing complete intake air silencer**

- without Japan export<sup>NV</sup> (0742)
- Disconnect plug connection (1) for RDC control unit and release cable (2) from holder (3).◇

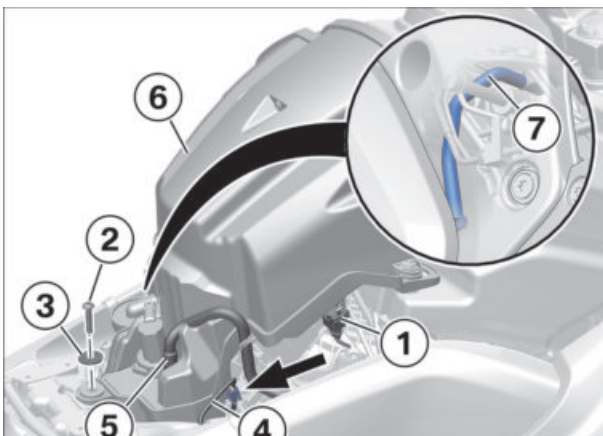




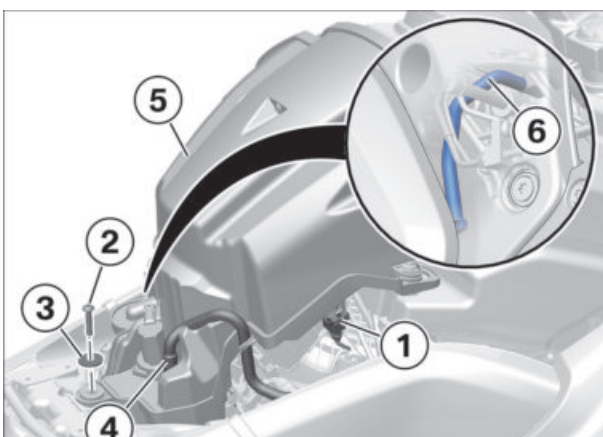
- Disconnect plug connection **(1)** for secondary air valve and disconnect cable **(2)**.
- Loosen the screw clamp **(3)** and pull off the vent hose **(4)**.
- Loosen clamp **(5)** with pliers (17 5 571) and pull off vent hose **(6)**.



- Remove clips **(1)** with washers **(2)** on left and right.



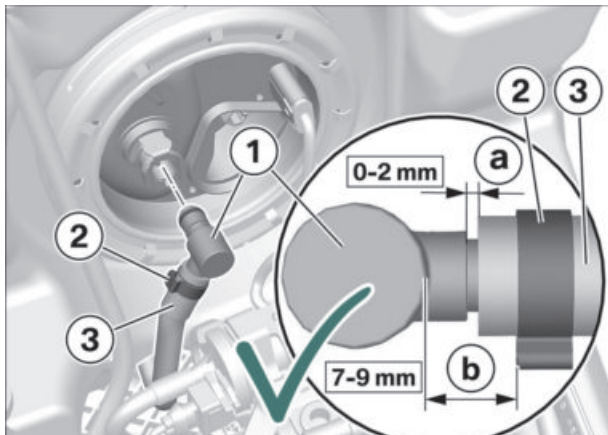
- Disconnect plug connection **(1)** for intake air temperature sensor.
- Remove screw **(2)** with contact disc **(3)**.
- Release the cable **(4)** from the holder **(arrow)**.
- Pull off hose **(5)** for secondary air system.
- Remove intake silencer **(6)** completely and feed out hose **(7)** at the same time.



- with Japan export<sup>NV</sup> (0742)
- Disconnect plug connection **(1)** for intake air temperature sensor.
- Remove screw **(2)** with contact disc **(3)**.
- Pull off hose **(4)** for secondary air system.
- Remove intake silencer **(5)** completely and feed out hose **(6)** at the same time.◇




14



► **Rework hose clip.**

- Disconnect fuel line (1).
- Check that hose clip (2) and fuel line (3) are correctly installed and not loose.
- If hose clip (2) and fuel line (3) are correctly installed, **secure hose clip correctly**
- If hose clip (2) and fuel line (3) are not correctly installed, **install fuel line correctly and replace hose clip.**

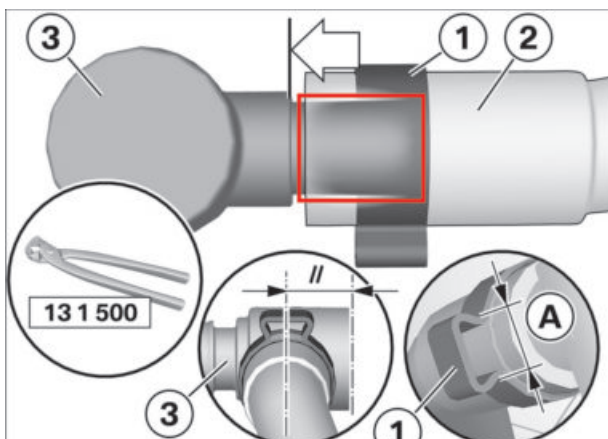
**Check**

 <b>Technical data</b>			
Dimension a (distance from end of hose to quick-release coupling)		0 <sup>+2</sup> mm	
Dimension b (distance from quick-release coupling to hose clamp)		7 <sup>+2</sup> mm	

**Result**


Dimension **a** and **b** are not met.

**Measure**



▷ **Replace hose clip.**

- Remove hose clip (1).
- Disconnect fuel line (2) from quick-release coupling (3).
- Clean and lubricate quick-release coupling (3) in the marked area.
- Use only **brake cleaner** or **fuel** for lubrication.
- Do **NOT** use silicone spray or similar.
- Push **new** hose clip (1) onto fuel fuel line (2).
- Push fuel line (2) onto quick-release coupling (3).
- After pushing on, wait for approx. 10 - 15 min until lubricating material has evaporated.
- Align **new** hose clip (1) with quick-release coupling (3) (**arrows**) and secure correctly (13 1 500) to dimension (**A**) using pliers.

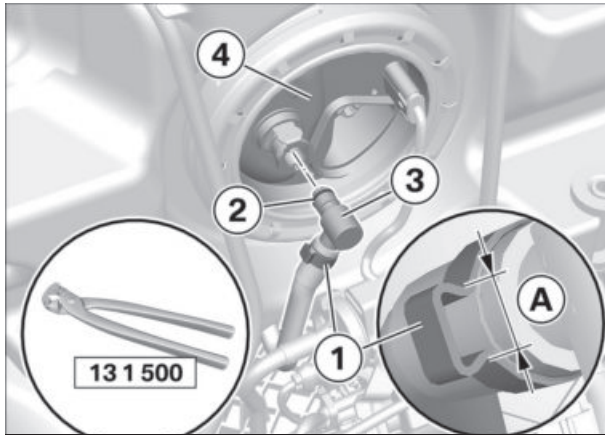
 <b>Technical data</b>			
Dimension b (specified closed size for single-eye clip on quick-release coupling)		2.5 <sup>+1.5</sup> mm	



**Result**


Dimension **a** and **b** are met.

**Measure**



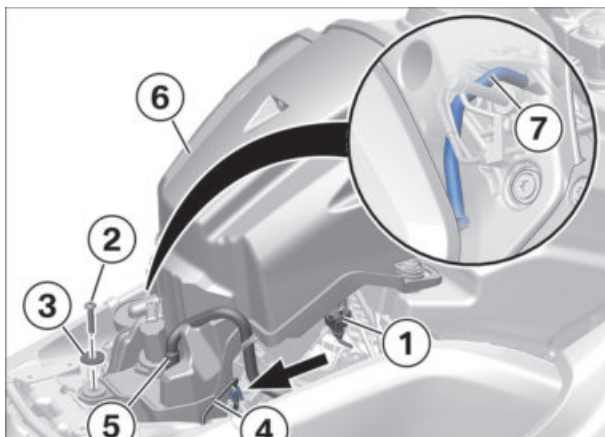
▷ **Correctly secure hose clip using pliers.**

- Correctly secure hose clip **(1)** (13 1 500) to dimension **(A)** using pliers.

 <b>Technical data</b>			
Dimension b (specified closed size for single-eye clip on quick-release coupling)		2.5 <sup>+1.5</sup> mm	


- Check O-ring **(2)** for damage; replace if necessary.
- Connect fuel line **(3)** to fuel tank **(4)**.

**15**



► **Installing complete intake air silencer**

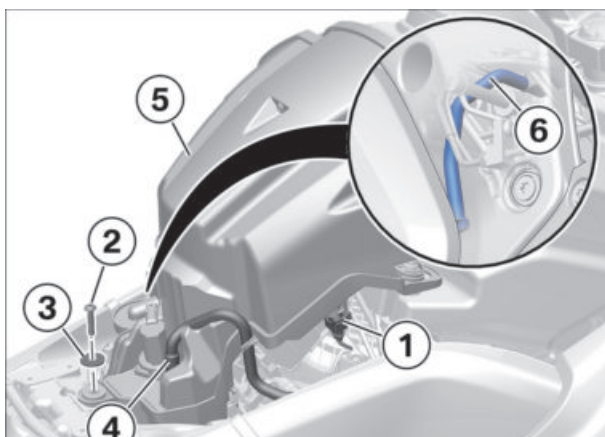
- Install intake silencer **(6)** and insert hose **(7)** at the same time.
- Install bolt **(2)** with contact disc **(3)**.


 <b>Tightening torques</b>		
<b>Intake air silencer to frame</b>		
M6 x 30 Thread-locking compound (mechanical)	8 Nm	

- Slide on hose **(5)** for secondary air system.
- Secure the cable **(4)** in the holder **(arrow)**.
- Connect plug connection **(1)** for intake air temperature sensor.

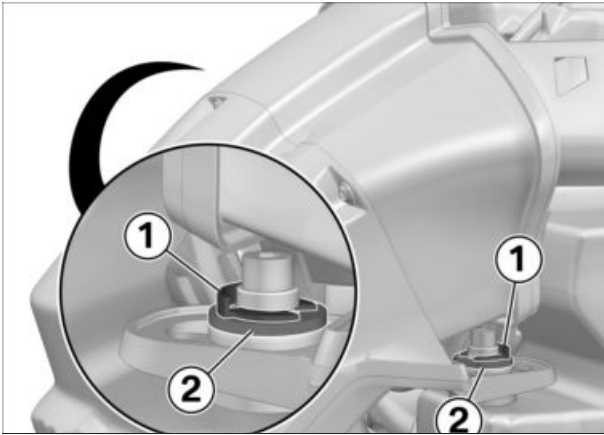
– with Japan export<sup>NV</sup> (0742)

- Install intake silencer **(5)** and insert hose **(6)** at the same time.
- Install bolt **(2)** with contact disc **(3)**.

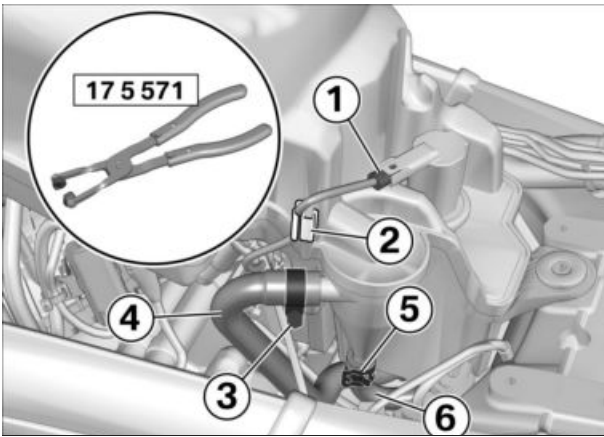


 <b>Tightening torques</b>		
<b>Intake air silencer to frame</b>		
M6 x 30 Thread-locking compound (mechanical)	8 Nm	

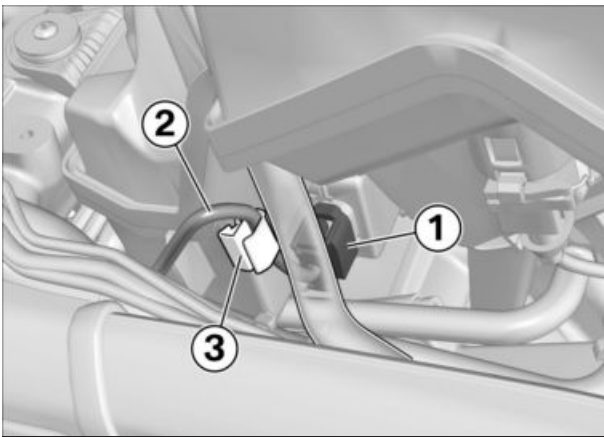
- Slide on hose **(4)** for secondary air system.
- Connect plug connection **(1)** for intake air temperature sensor.◇



- Install washers **(2)** with clips **(1)** on left and right.



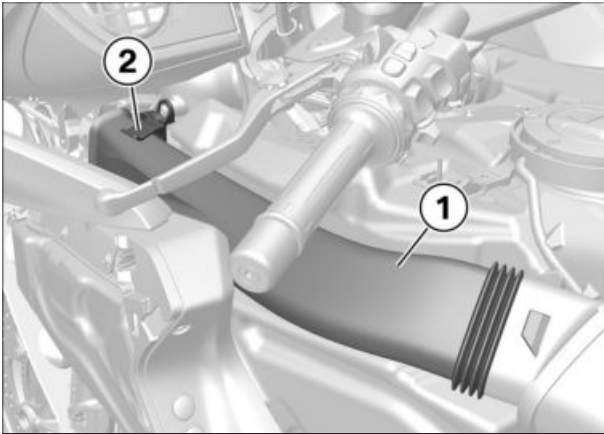
- Slide on vent hose **(6)** and fasten clamp **(5)** with pliers (17 5 571).
- Slide on vent hose **(4)** and fasten screw clamp **(3)**.
- Connect plug connection **(1)** for secondary air valve and secure cable in holder **(2)**.



- without Japan export<sup>NV</sup> (0742)
- Connect plug connection **(1)** for RDC control unit and secure cable **(2)** in holder **(3)**.◇



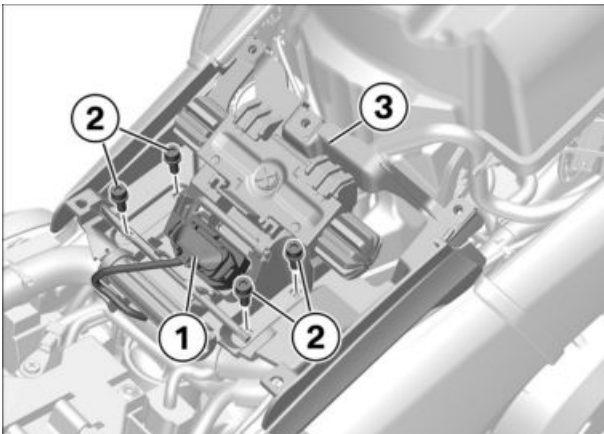
# 16



► **Securing left intake air pipe**


- Secure intake snorkel (1) in holder (2).

# 17



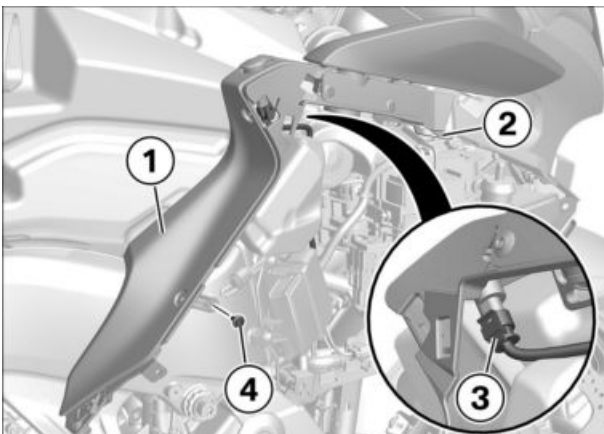
► **Installing seat support**

- Install seat support (3).
- Install screws (2).

 <b>Tightening torques</b>		
<b>Seat support to frame</b>		
M6 x 16	10 Nm	

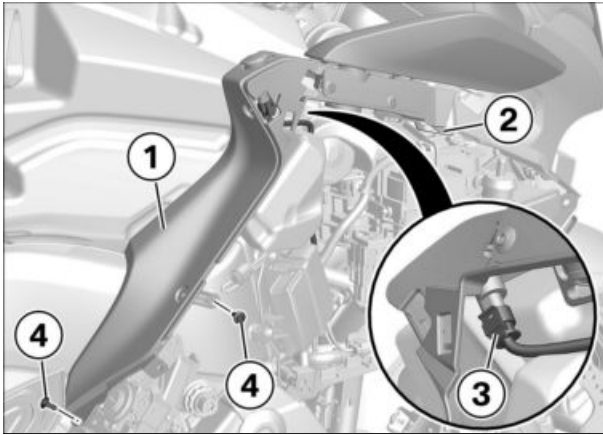
- Clip in diagnostic socket (1).

# 18



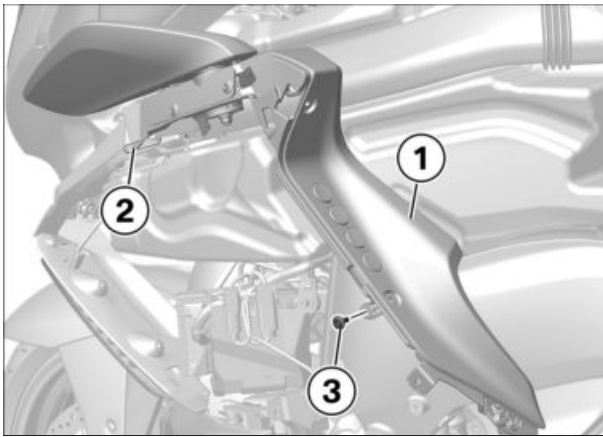
► **Installing rear right interior trim**

- Position rear interior trim (1), paying attention to the retaining lug (2) while doing so.
- Connect plug connection (3) for socket.
- Install bolt (4).



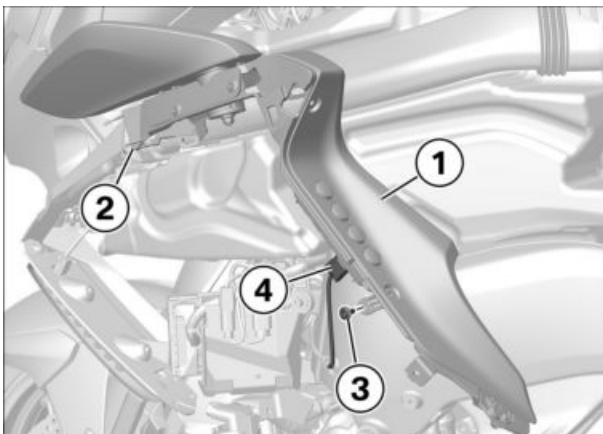
- with storage compartment<sup>OE</sup> (0152)
- Position rear interior trim **(1)**, paying attention to the retaining lug **(2)** while doing so.
- Connect plug connection **(3)** for socket.
- Install screws **(4)**.◇

## 19



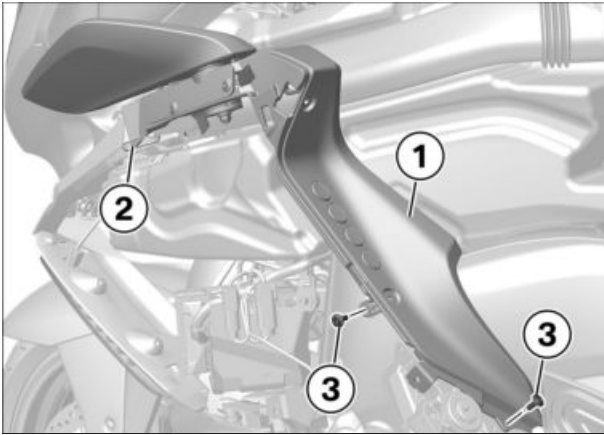
### ► Install rear left interior trim

- Position rear interior trim **(1)**, paying attention to the retaining lug **(2)** while doing so.
- Install bolt **(3)**.

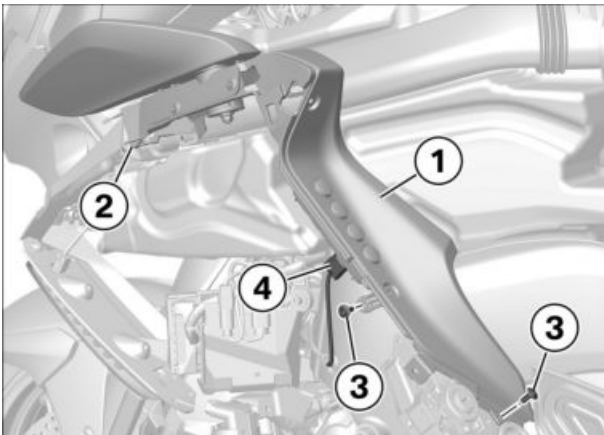


- with audio system<sup>OE</sup> (0268)
- or
- with US audio system<sup>OE</sup> (0270)
- Position rear interior trim **(1)**, paying attention to the retaining lug **(2)** while doing so.
- Install bolt **(3)**.
- Connect plug connection **(4)** for operating facility.◇





- with storage compartment<sup>OE</sup> (0152)
- Position rear interior trim **(1)**, paying attention to the retaining lug **(2)** while doing so.
- Install screws **(3)**.◇



- with audio system<sup>OE</sup> (0268)
- with storage compartment<sup>OE</sup> (0152)
- or
- with US audio system<sup>OE</sup> (0270)
- with storage compartment<sup>OE</sup> (0152)
- Position rear interior trim **(1)**, paying attention to the retaining lug **(2)** while doing so.
- Install screws **(3)**.
- Connect plug connection **(4)** for operating facility.◇

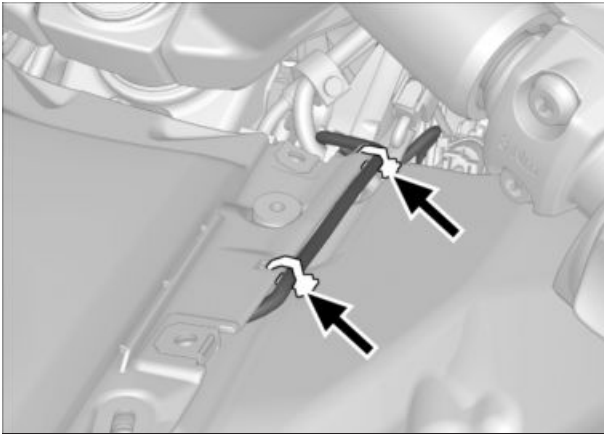


## 20

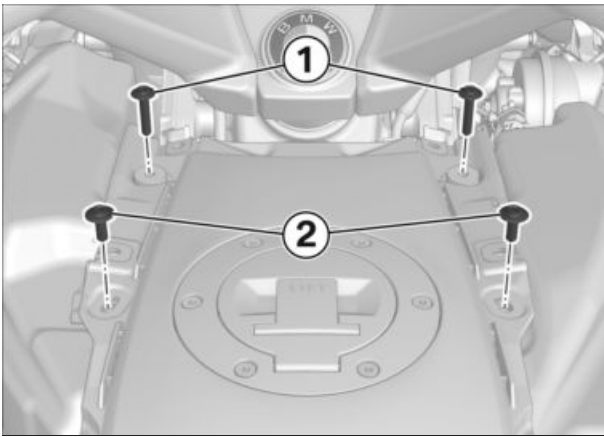


- ▶ **Installing complete fuel-tank cover**
- ▷ **Installing centre tank cover**
  - Hold fuel-tank cover **(2)** in position.
  - Install handlebar end plug **(1)**.





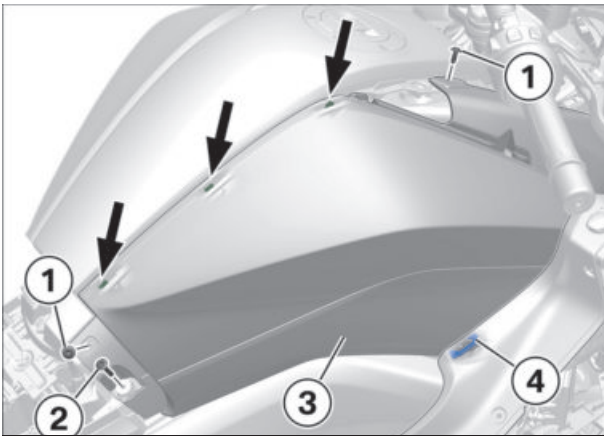
- with Keyless Ride<sup>OE</sup> (0193)
- Close the cable strap **(arrows)**.◇



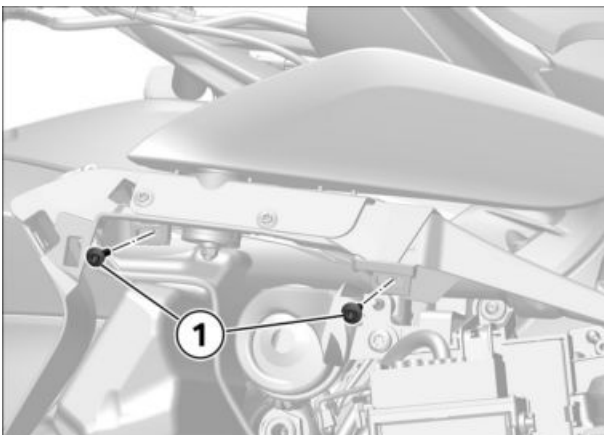
- Install screws **(1)** and **(2)**.

▷

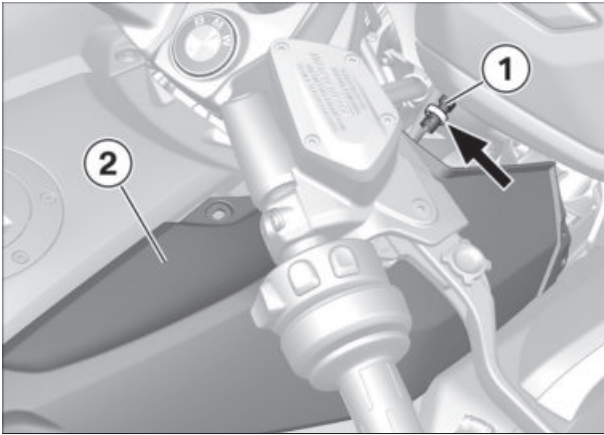
### ▷ **Installing right fuel-tank cover**



- Slide tank cover **(3)** into rubber grommet **(4)**, noting retaining lugs **(arrows)**.
- Install bolt **(2)**.
- Install screws **(1)**.



- Install screws **(1)**.



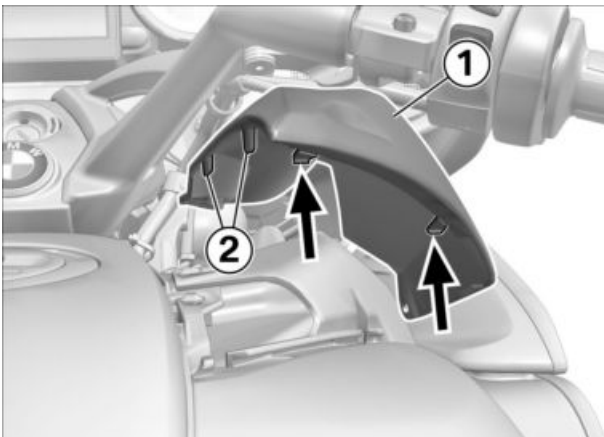
▷ **Installing right fuel-tank cover top section**

– with audio system<sup>OE</sup> (0268)

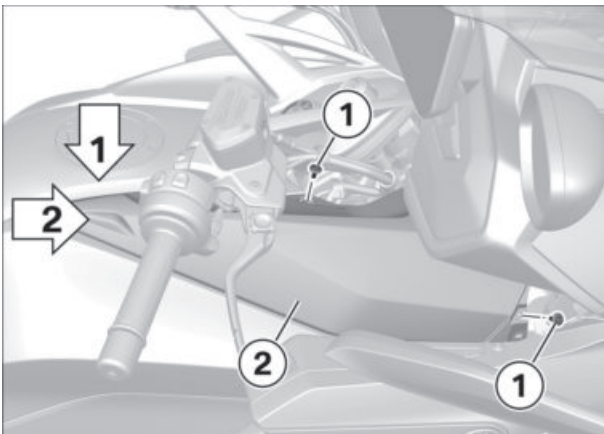
or

– with US audio system<sup>OE</sup> (0270)

- Position right upper tank cover section **(2)** and connect connector **(1)** for AM foil aerial.◊

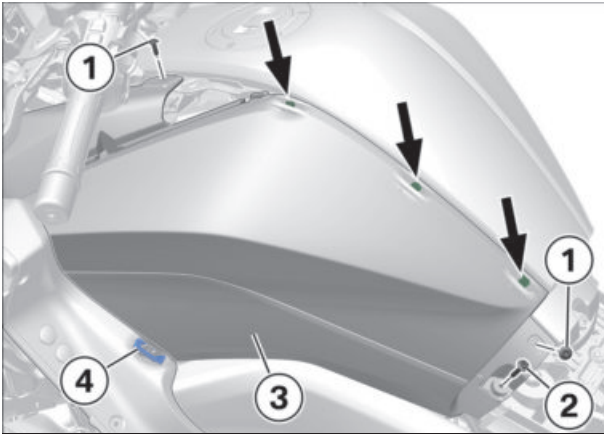


- Position upper tank cover section **(1)**, noting retaining tabs **(2)** and retaining lugs **(arrows)**.



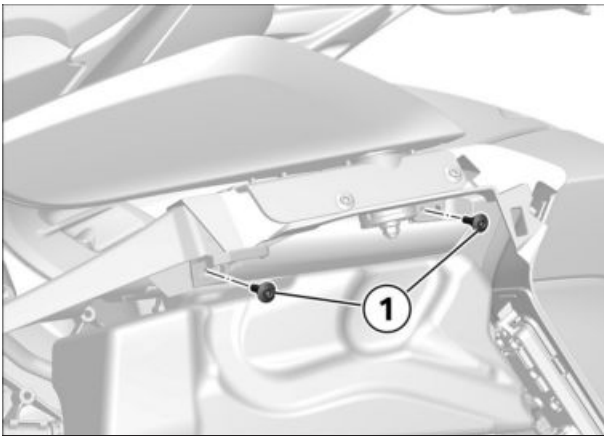
- Install upper tank cover section **(2)**.
- Install screws **(1)**.





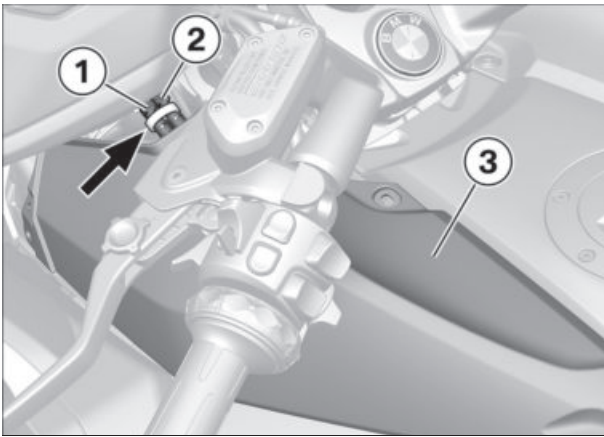
▷ **Installing left fuel-tank cover**

- Slide tank cover (3) into rubber grommet (4), noting retaining lugs (arrows).
- Install bolt (2).
- Install screws (1).



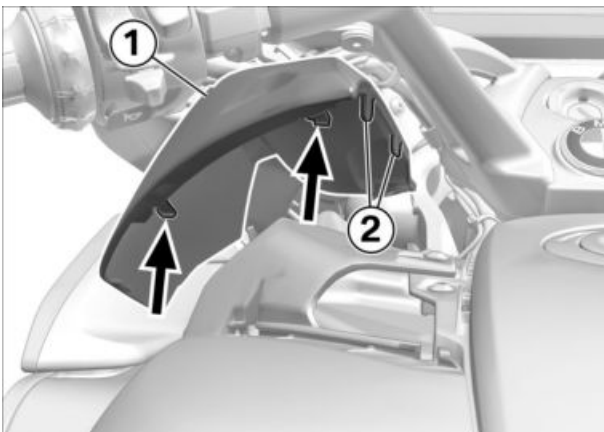
- Install screws (1).

◁

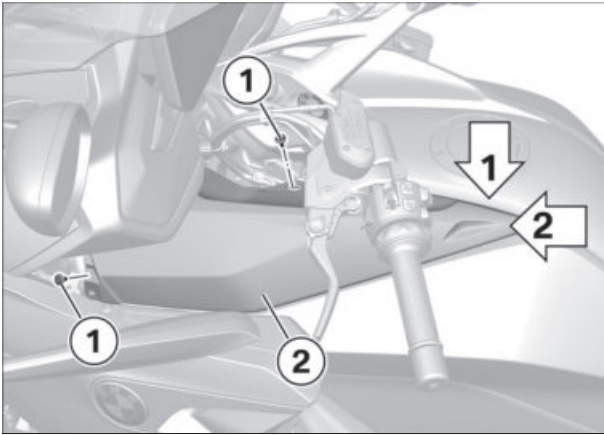


▷ **Installing left fuel-tank cover top section**

- with audio system<sup>OE</sup> (0268)
- Position left upper tank cover section (3).
- Connect pink connector (1) for DAB foil antenna and black connector (2) for FM foil antenna.◇



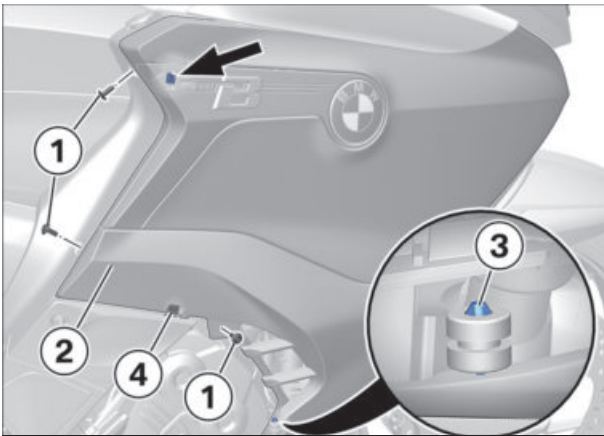
- Position upper tank cover section (1), noting retaining tabs (2) and retaining lugs (arrows).



- Install upper tank cover section **(2)**.
- Install screws **(1)**.

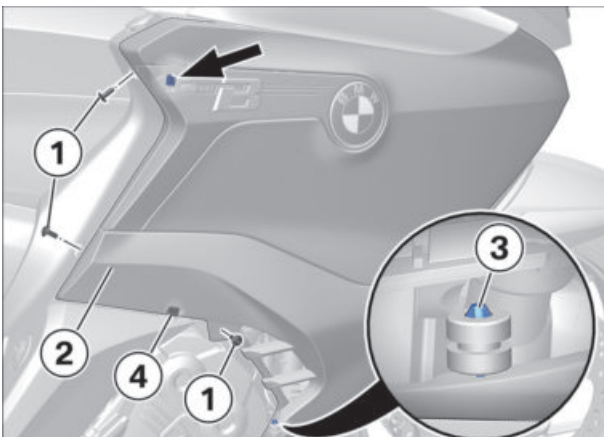


## 21



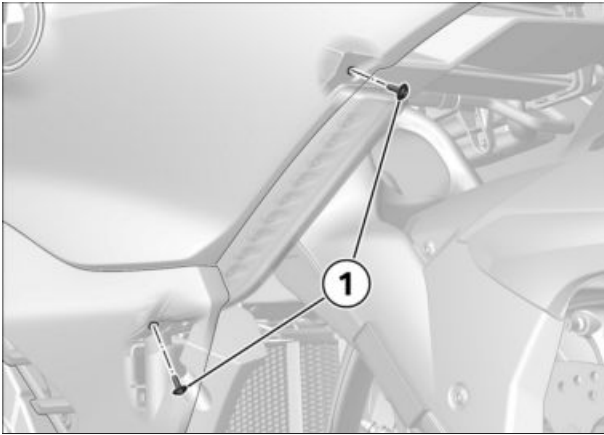
### ► Installing right side panel

- Slide fairing side panel **(2)** onto mounting pin **(3)**.
- Secure fairing side panel **(2)** with retaining clip **(arrow)**, noting holder **(4)**.
- Install screws **(1)**.



– with storage compartment<sup>OE</sup> (0152)

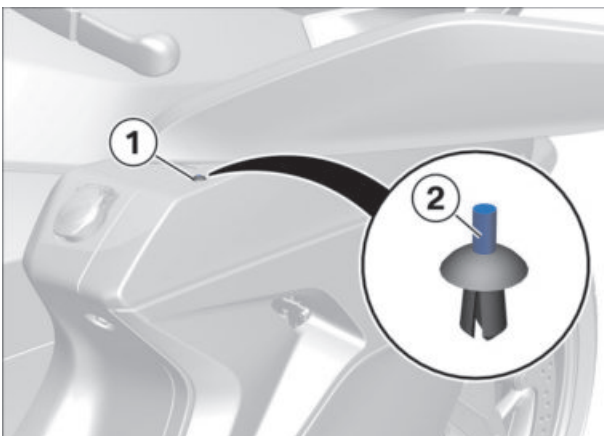
- Slide fairing side panel **(2)** onto mounting pin **(3)**.
- Secure fairing side panel **(2)** with retaining clip **(arrow)**, noting holder **(4)**.
- Install screws **(1)**.◇



- Install screws **(1)**.



- Turn slipstream deflector **(1)** to the side.
- Install bolt **(2)**.

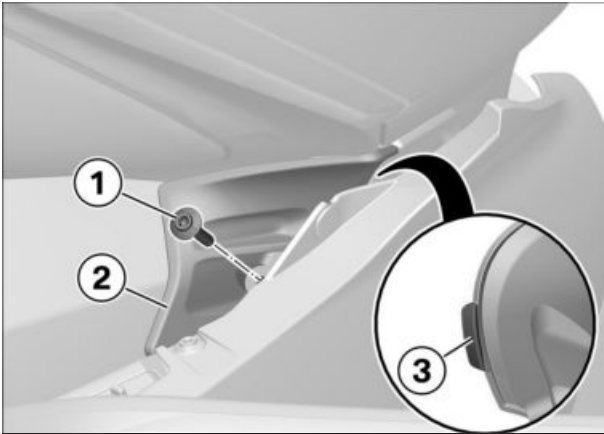


- Install expanding rivet **(1)** and slide pin **(2)** into expanding rivet **(1)**.



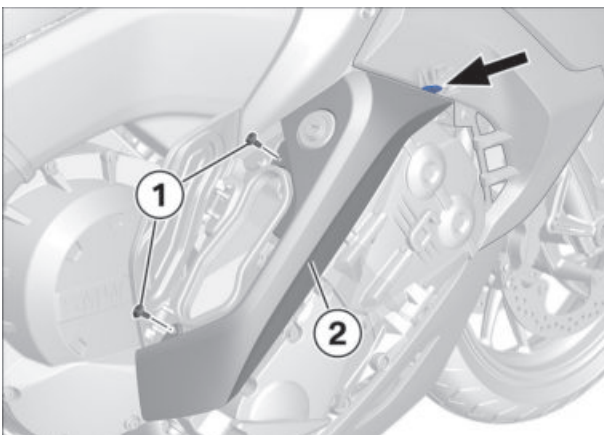


## 22

► **Installing cover for right intake snorkel**

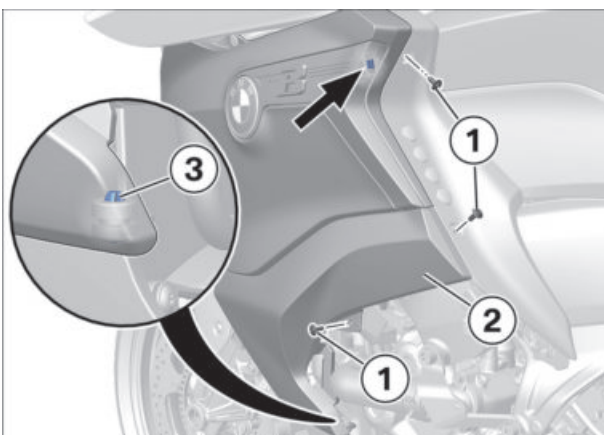
- Install cover (2), paying attention to the retaining lug (3) and engaging that correctly.
- Install handlebar end plug (1).

## 23

► **Install the right bottom side panel**

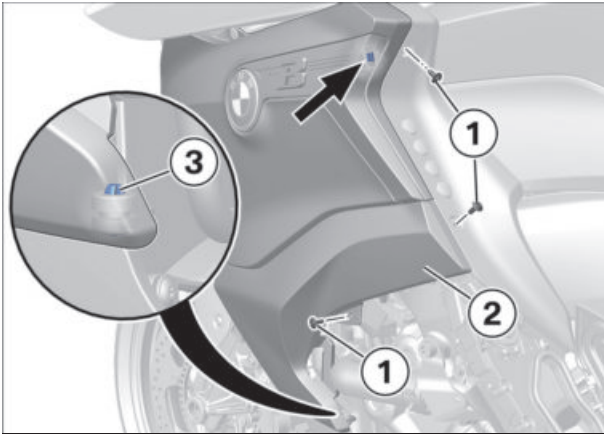
- Install bottom fairing side panel (2), engaging the retaining lug (arrow).
- Install screws (1).

## 24

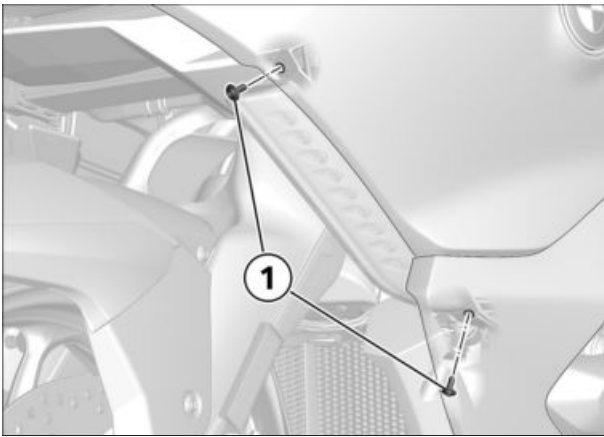
► **Installing left side panel**

- Slide fairing side panel (2) onto mounting pin (3).
- Secure fairing side panel (2) with retaining clip (arrow).
- Install screws (1).

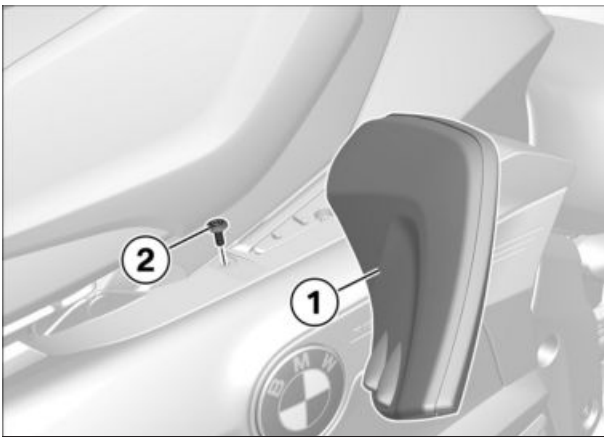




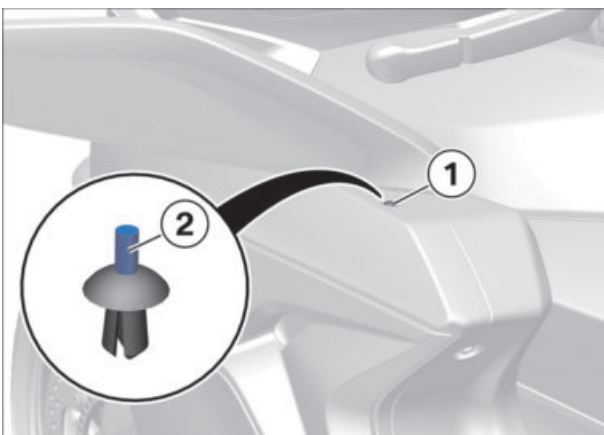
- with storage compartment<sup>OE</sup> (0152)
- Slide fairing side panel **(2)** onto mounting pin **(3)**.
- Secure fairing side panel **(2)** with retaining clip **(arrow)**.
- Install screws **(1)**.◇



- Install screws **(1)**.

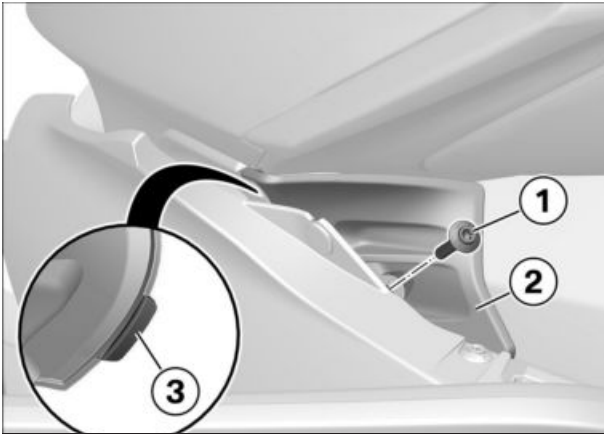


- Turn slipstream deflector **(1)** to the side.
- Install bolt **(2)**.



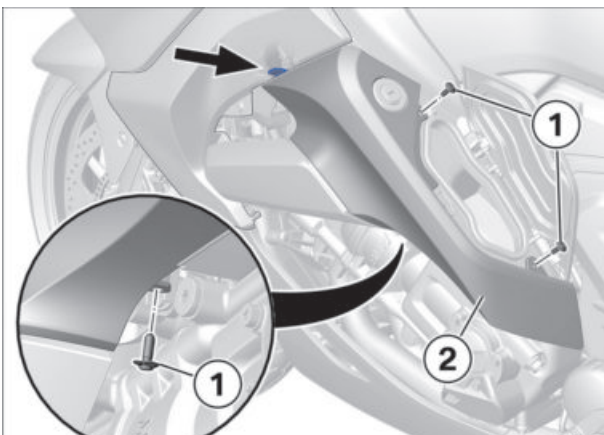
- Install expanding rivet **(1)** and slide pin **(2)** into expanding rivet **(1)**.

## 25

► **Installing cover for left intake snorkel**

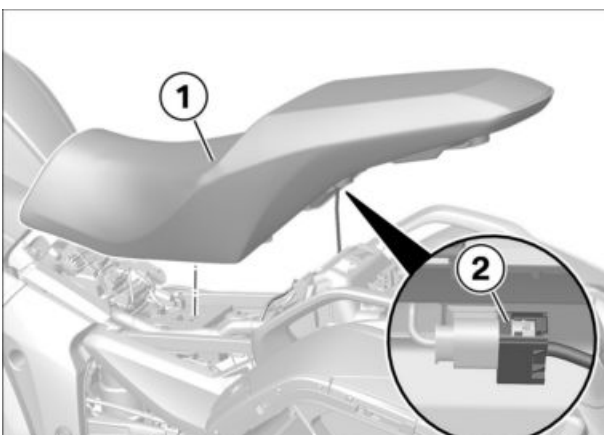
- Install cover (2), paying attention to the retaining lug (3) and engaging that correctly.
- Install handlebar end plug (1).

## 26

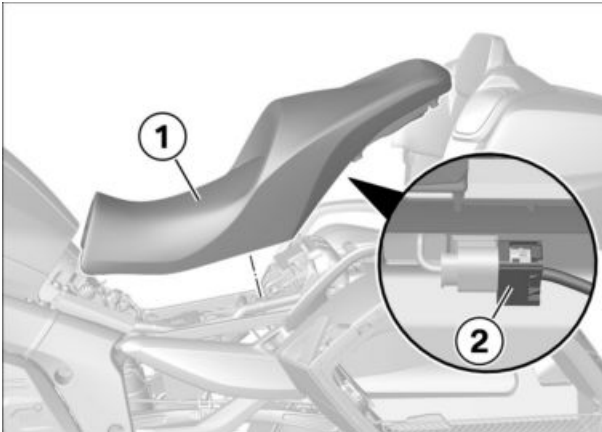
► **Installing left bottom side panel**

- Install bottom fairing side panel (2), engaging the retaining lug (arrow).
- Install screws (1).

## 27

► **Installing seat**

- Place rear seat bench (1) in position.
- Connect the connector (2) for seat heating.
- Install the rear seat bench (1).
- Close left case.



- with topcase<sup>OE</sup> (0696)
- Place rear seat bench **(1)** in position.
- Connect the connector **(2)** for seat heating.
- Install the rear seat bench **(1)**.
- Close left case.◇

## 28

### ► Final check of work performed

- Check the following:
  - The work as performed achieved the intended purpose.
  - All reservoirs and containers have been filled and all fluids and lubricants are at their correct levels.
  - All threaded fasteners released beforehand have been correctly retightened.
  - The fuel system is free of leaks.
  - The lights and signalling equipment are fully operational and the vehicle is roadworthy.
  - The brake pads of the front and rear brakes are bedded against the brake discs.

### ▷ Function test, engine start suppression

#### Check

- Set kill switch to "ON" position.
- Select neutral.
  - » Neutral telltale light "N" lights up.
- Switch on the ignition.
  - » Neutral telltale light "N" goes out.
- Select a gear.
  - » Neutral telltale light "N" goes out.
- Press the starter button.
  - » Starter does **not** operate.
- Extend the side stand.
  - » Starter does **not** operate.
- Pull the clutch lever.
  - » Starter does **not** operate.
- Press the starter button.
  - » Starter does **not** operate.
- Retract the side stand.
  - » Starter does **not** operate.
- Press the starter button without releasing the clutch lever.
  - » Starter operates.

#### Result

Not all test steps completed successfully.

**Measure**

- Check the appropriate parts with the BMW Motorrad diagnostic system.

