

[BMW G42 M240i xDrive Coupe / Repair Manuals and Technical Data / 51 Body equipment / 51 11 Front Bumper /](#)

51 11 184 Replacing ornamental grille in front bumper panel



Mechanical effects.

Paint damage.

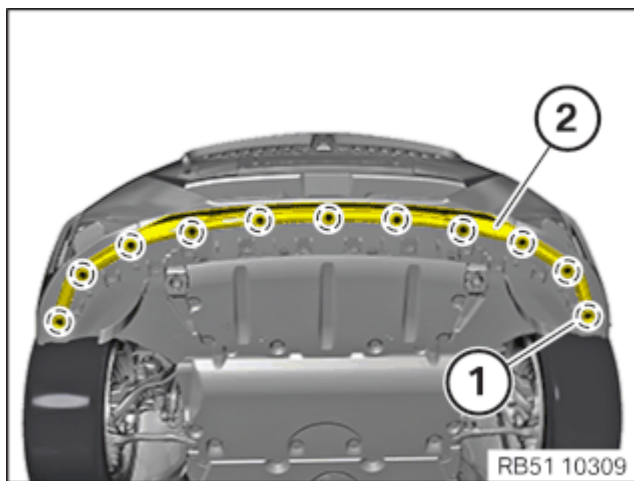
- Mask those working areas at risk with yellow plastic adhesive tape.
- Remove and install heavy or bulky components with the aid of another person/other persons.



Description is for left component only. Procedure on the right side is identical.

PRELIMINARY WORK

1 – Installing the centre spoiler on the front bumper panel



- Position the spoiler (2).
- Tighten the screws (1).

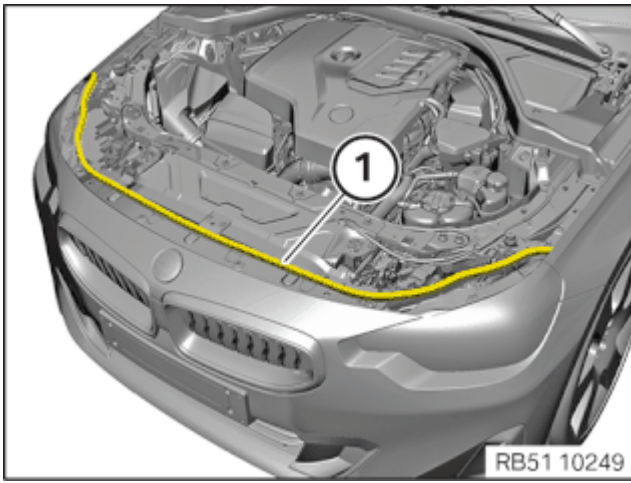
Spoiler at the centre to the bumper panel

Hexagon
screw for
thermoplastic

Tightening
torque

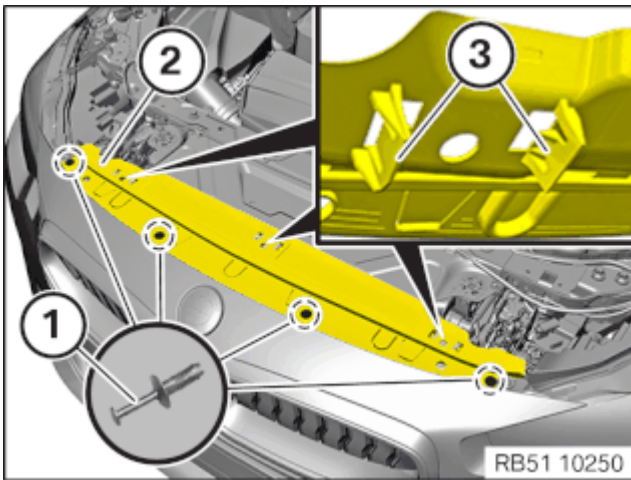
2.6 Nm

2 – Removing the seal for the bonnet in front



- Pull off front bonnet seal (1) upwards.

3 – Removing the centre engine compartment cover



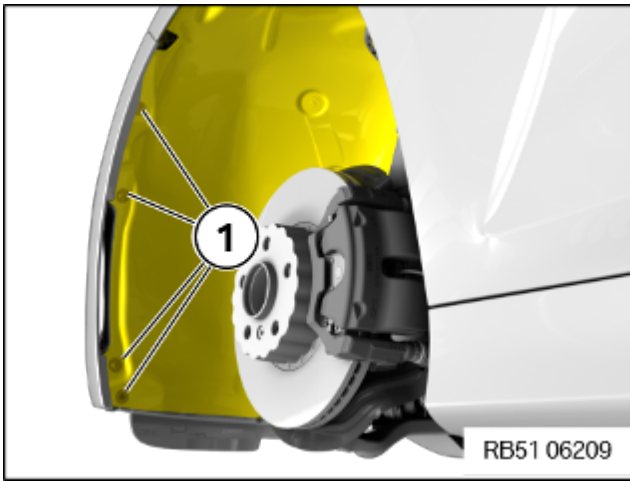
- Release the expanding rivet (1).
- Release the cover (2) at the latch mechanisms (3) and feed it out to the rear.

4 – Partially releasing the front left and right wheel arch trim panels



Description is for left component only. Procedure on the right side is identical.

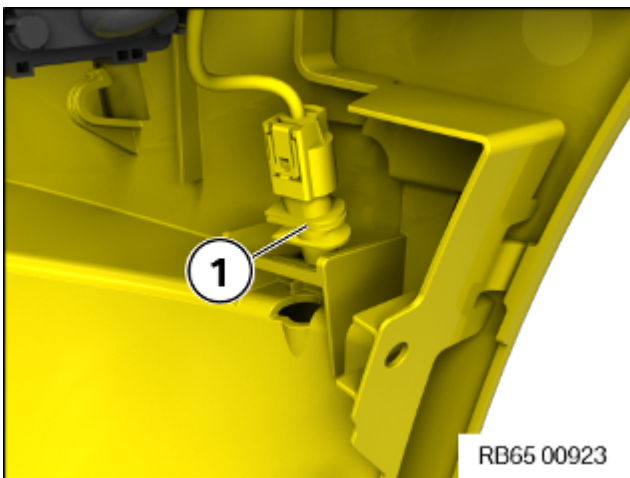
► Partially removing front wheel arch trim panel



To provide a better overview: Schematic diagram without front wheel.

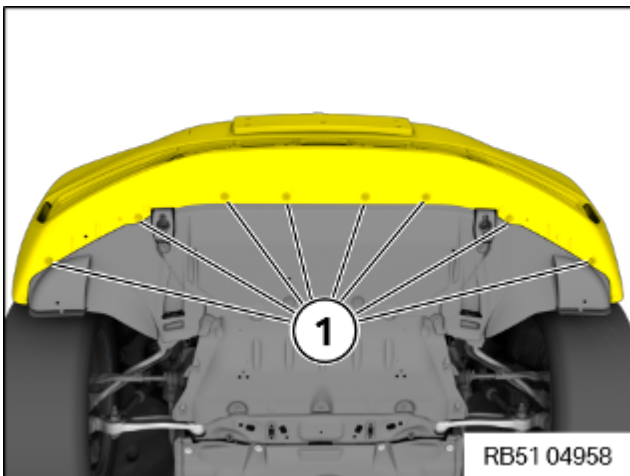
- Loosen screws (1).
- Fold the front wheel arch trim panel to one side.

5 – Partially removing the temperature sensor



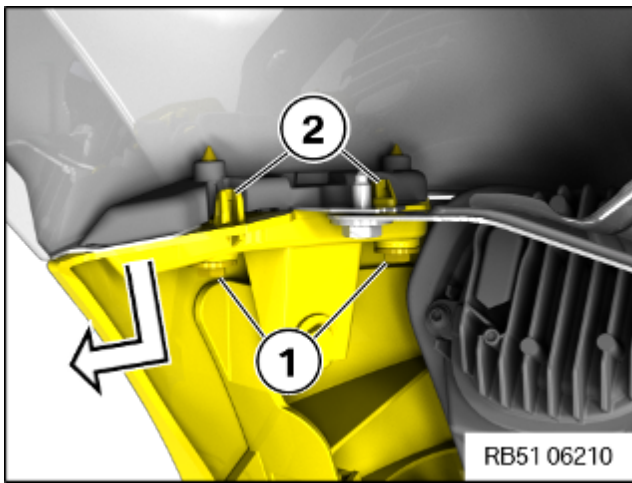
- Unclip temperature sensor (1) from the front bumper panel to the top.

6 – Remove front bumper panel



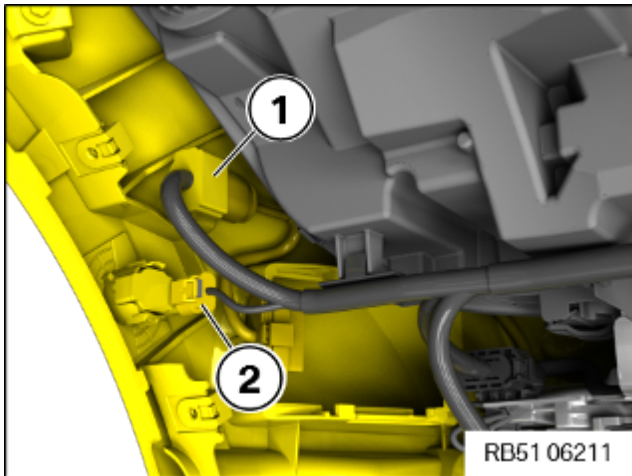
Schematic diagram is for example purposes. Some parts may differ in certain details.

- Loosen screws (1).



Perform the operations on the left and right side.

- Loosen screws (1).
- Release bumper panel at front with latch mechanisms (2) and feed in direction of arrow out of guide.



Perform the operations on the left and right side.

- Unlock plug connection (1) and disconnect.
- If necessary, unlock plug connection (2) and disconnect.

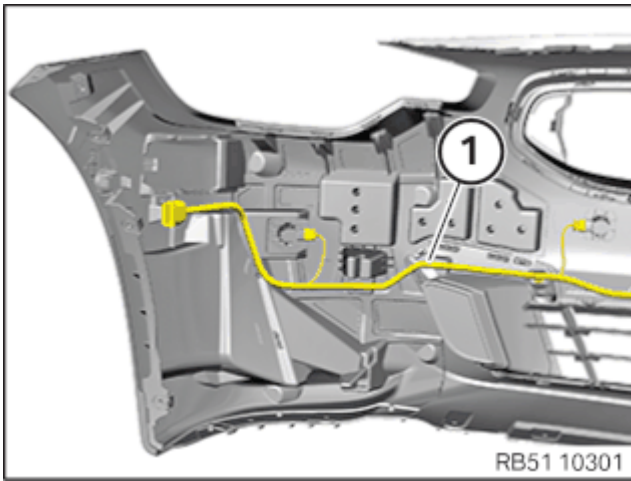


- Loosen screws (1).
- Feed out and remove bumper panel at front (2) with an auxiliary person.

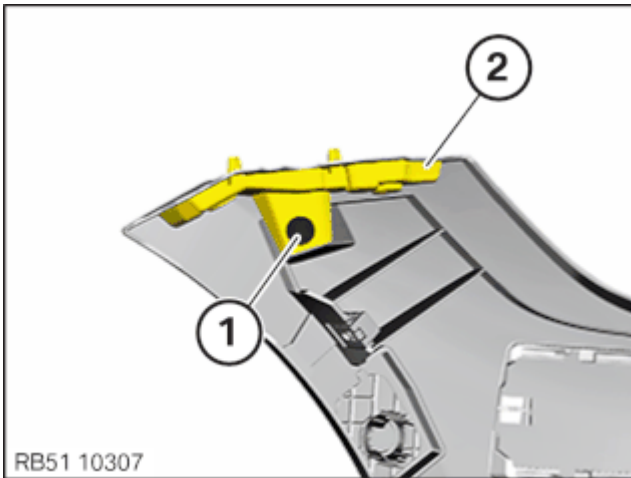
7 – Removing retaining frame



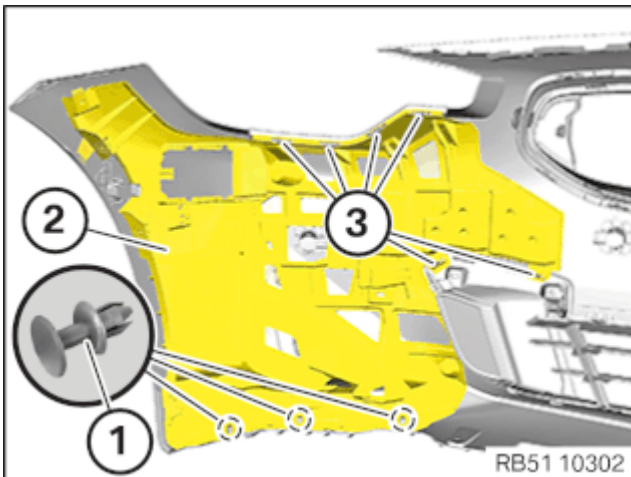
Schematic diagram is for example purposes. Some parts may differ in certain details.



- Unlock all plug connections and disconnect.
- Release the vehicle wiring harness (1) with all the clips and remove from the working area.

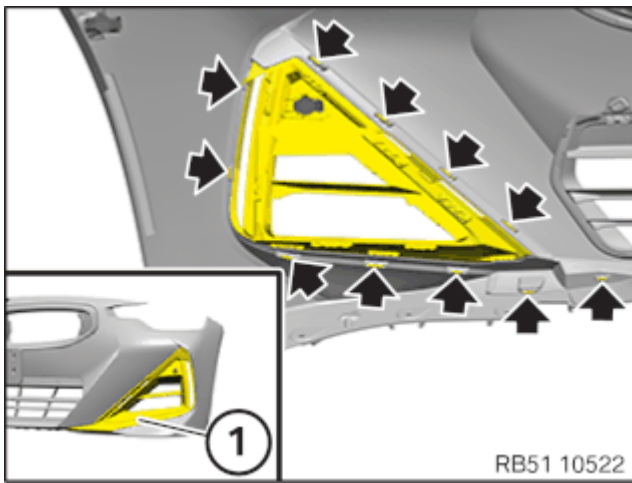


- Release the screw (1).
- Feed out the reinforcement (2) and remove.



- Loosen the expanding rivet (1).
- Release retaining frame (2) from latch mechanisms (3) and remove.

8 – Removing ornamental grille on the bumper panel at the side



- Release ornamental grille (1) from latch mechanisms (arrows) and remove.

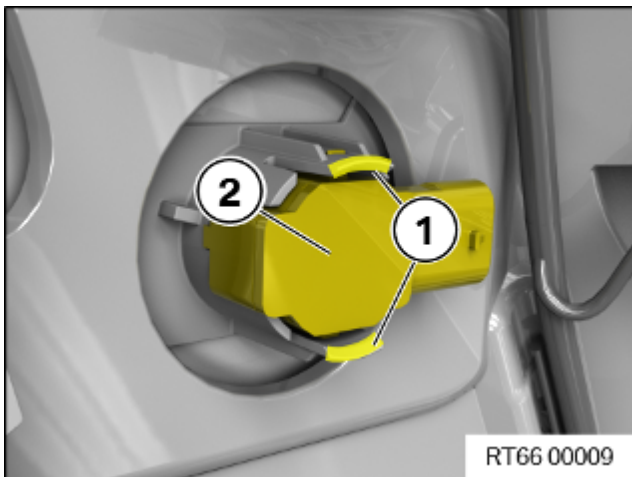
MAIN WORK

9 – Replacing ornamental grille, side

► Remove ultrasonic sensor

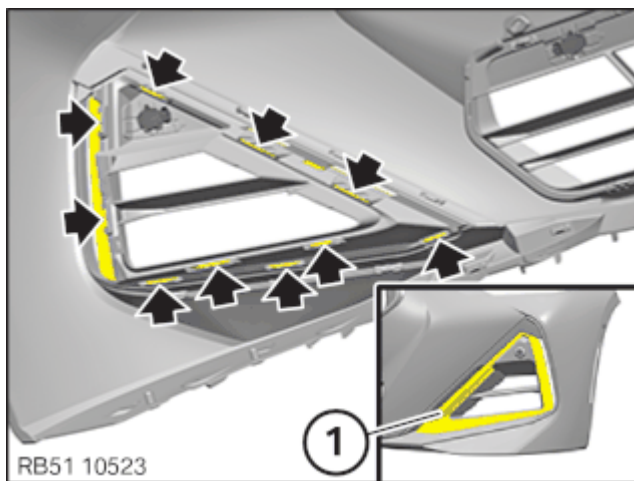


Schematic diagram is for example purposes. Some parts may differ in certain details.



- Unlock latch mechanisms (1) and release ultrasonic sensor(2) from the bumper panel.
- Perform the step on all the other ultrasonic sensors.

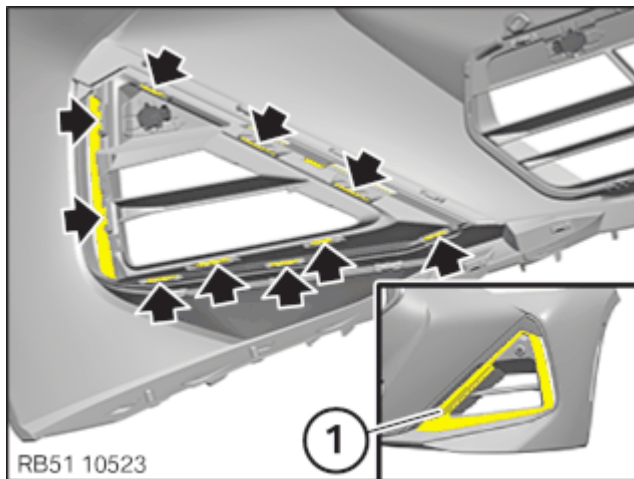
► Removing the front trim strip



- Release the trim strip (1) on the latch mechanisms (arrows) and remove it.

- Renew ornamental grille.
(Teile:) Ornamental grille

► Install front trim strip

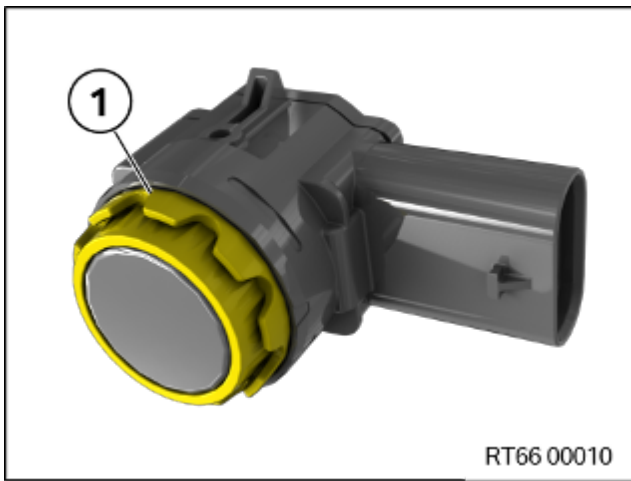


- Install trim strip (1) and engage on latch mechanisms (arrows).

► Installing ultrasonic sensor

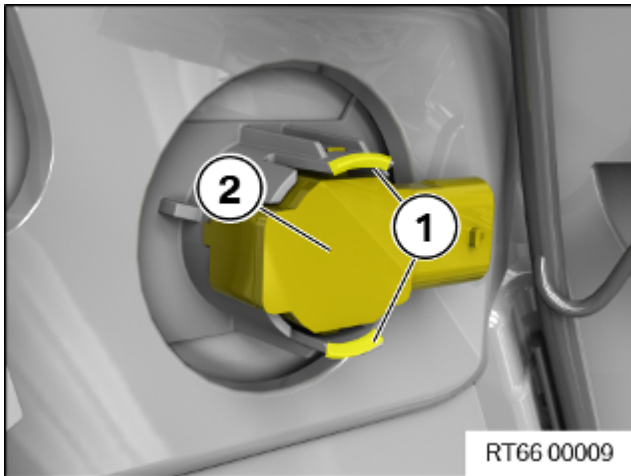


Schematic diagram is for example purposes. Some parts may differ in certain details.



- Check the decoupling ring (1) for damage and renew the decoupling ring as needed.

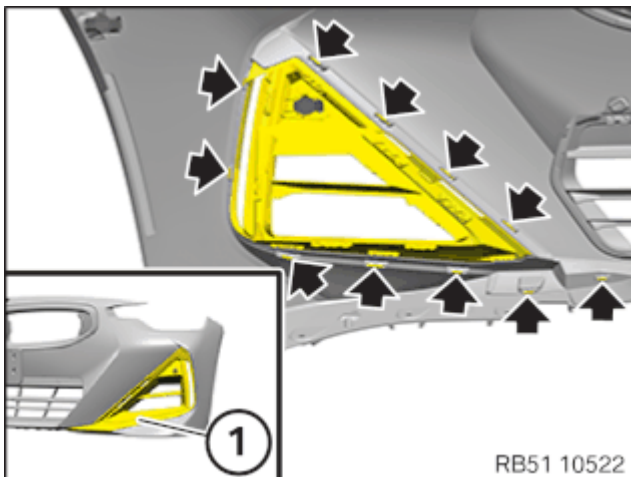
The decoupling ring must not be missing.



- Insert the ultrasonic sensor (2) and clip in to the latch mechanisms.(1)
- Perform the step on all the other ultrasonic sensors.

POSTPROCESSES

10 – Installing the ornamental grille on the side bumper panel

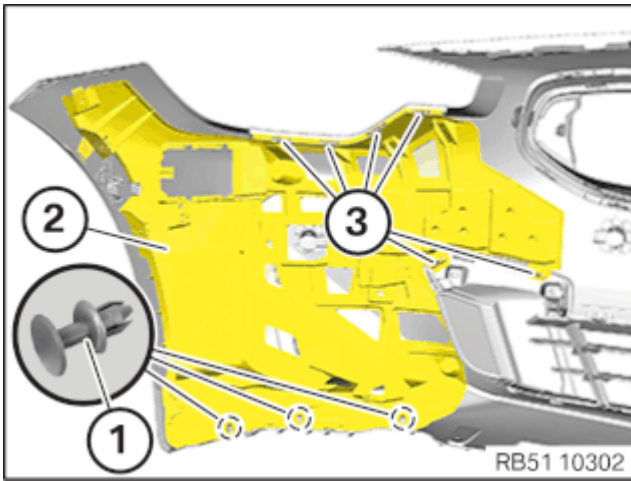


- Install ornamental grille (1) and engage on the latch mechanisms (arrows).

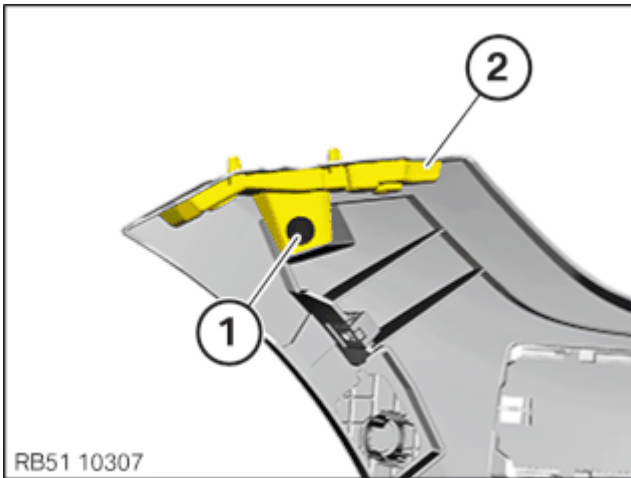
11 – Installing retaining frame



Schematic diagram is for example purposes. Some parts may differ in certain details.



- Position and clip in retaining frame (2) on latch mechanisms (3).
- Secure expanding rivet (1).



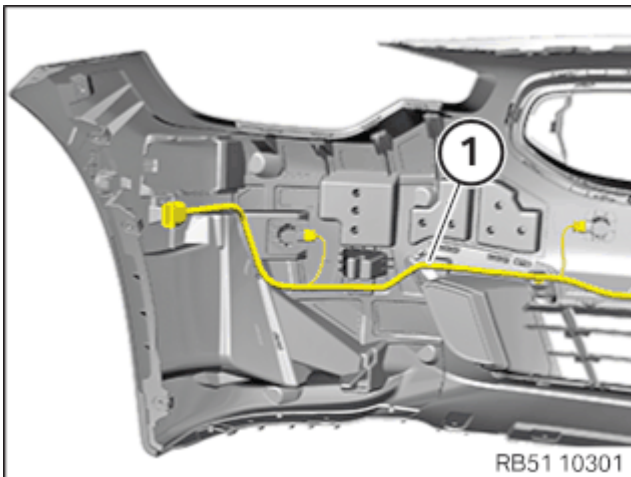
- Feed in and position the reinforcement (2).
- Tighten down screw (1).

Reinforcement bumper on retaining frame

Hexagon
screw

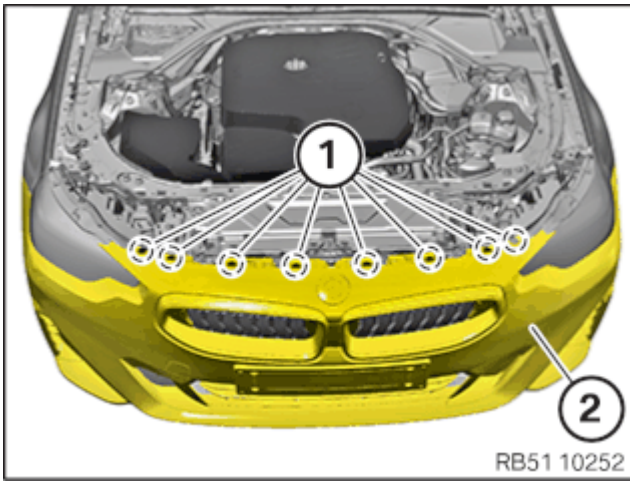
Tightening
torque

2.8 Nm

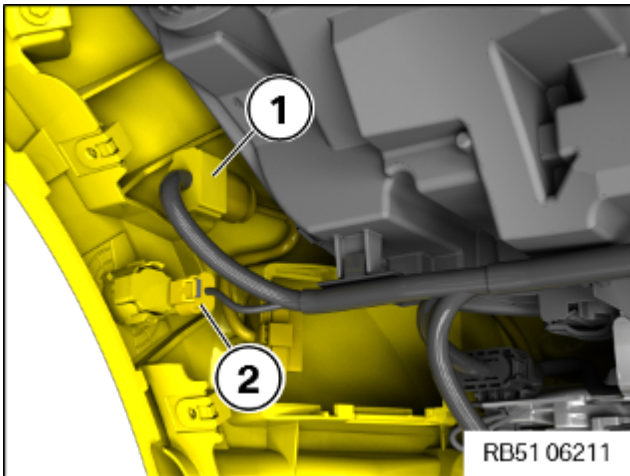


- Position and clip in wiring harness (1) on all clips.
- Connect and lock all plug connections.

12 – Installing the bumper panel, front

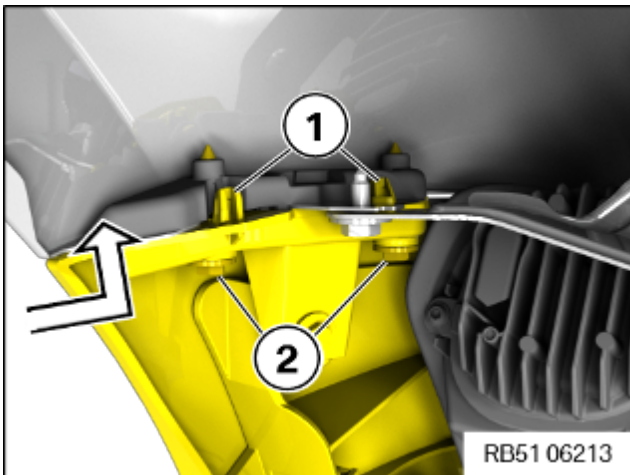


- Position front bumper panel (2) with an auxiliary person.
- Tighten the screws (1).



Perform the operations on the left and right side.

- Connect connectors (1) and lock.
- If necessary, connect the connector (2) and lock it.



Perform the operations on the left and right side.

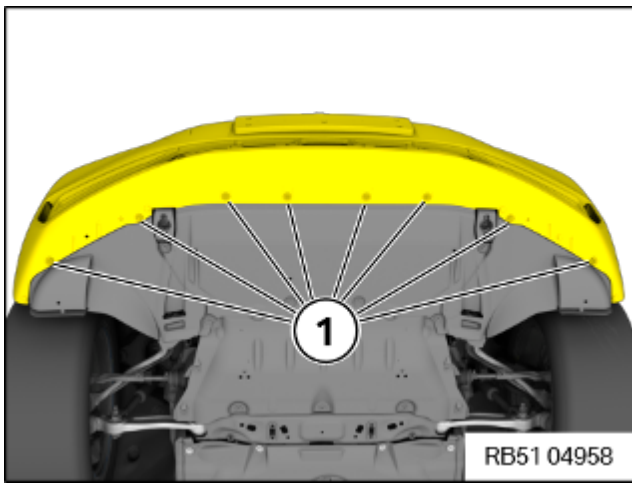
- Feed the bumper panel into the guide in the direction of arrow and clip in with the latch mechanisms (1).
- Tighten the screws (2).

Front bumper panel to front side panel

Torx
screw
5x35

Tightening
torque

3 Nm



Schematic diagram is for example purposes.
Some parts may differ in certain details.

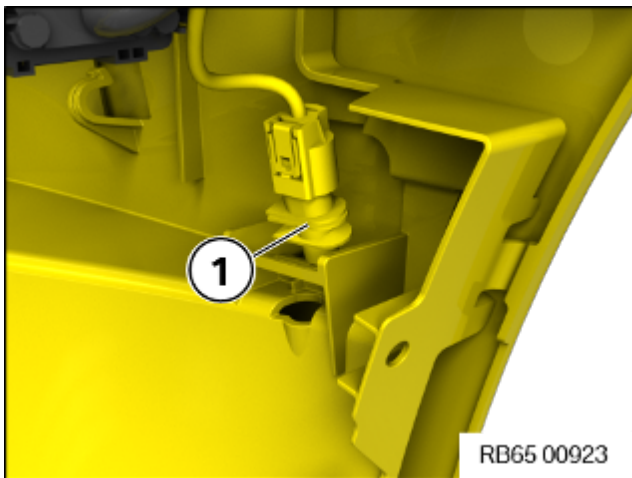
- Tighten the screws (1).

Front bumper panel to underbody protection

Hexagon
screw for
thermoplastic

Tightening torque 2,6 Nm

13 – Partially installing the temperature sensor



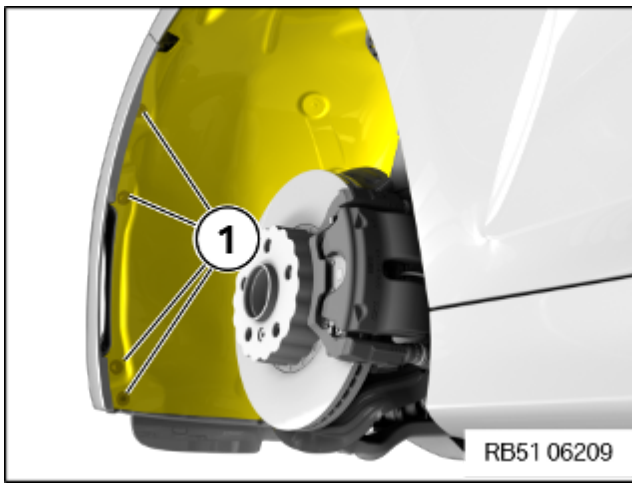
- Clip the temperature sensor (1) downwards into the front bumper panel.

14 – Partially installing the front left and right wheel arch trim panels



Description is for left component only. Procedure on the right side is identical.

► Partially installing front wheel arch trim panel



To provide a better overview: Schematic diagram without front wheel.

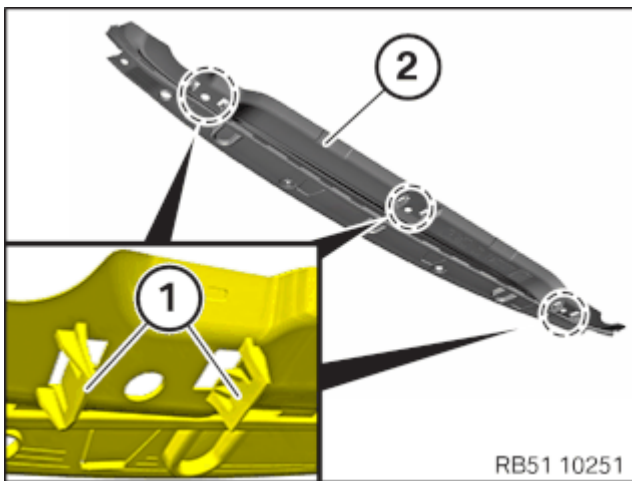
- Fold back the front wheel arch trim panel.
- Tighten the screws (1).

Wheel arch trim panel, front

Thermoplastic
hexagon
screw

Tightening
torque 2,6 Nm

15 – Installing the cover for the centre engine compartment



Check

- Check the latch mechanisms (1) of the cover (2) for damage.

Result

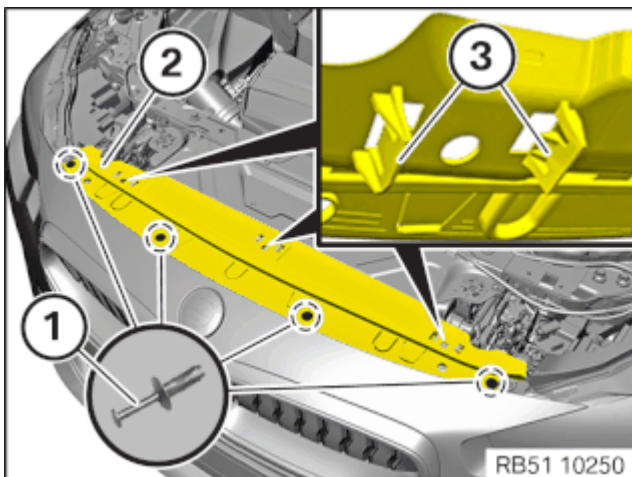
» Latch mechanisms (1) are damaged.

Measure

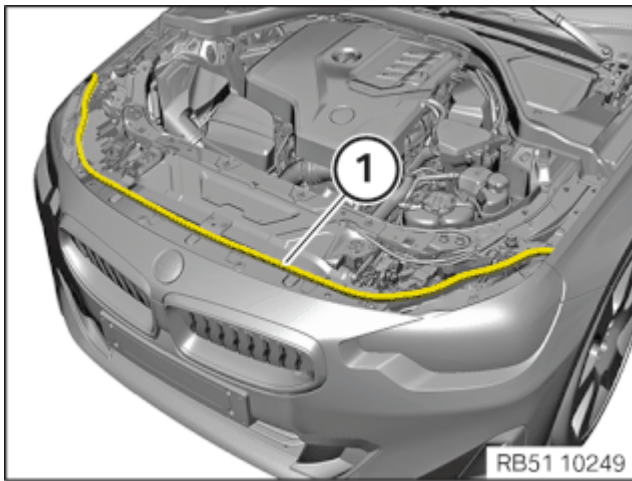
- Replace the cover (2).

Parts: Cover

- Feed in cover (2) and position.
- Clip the cover (2) in at the latch mechanisms (3).
- Secure expanding rivet (1).

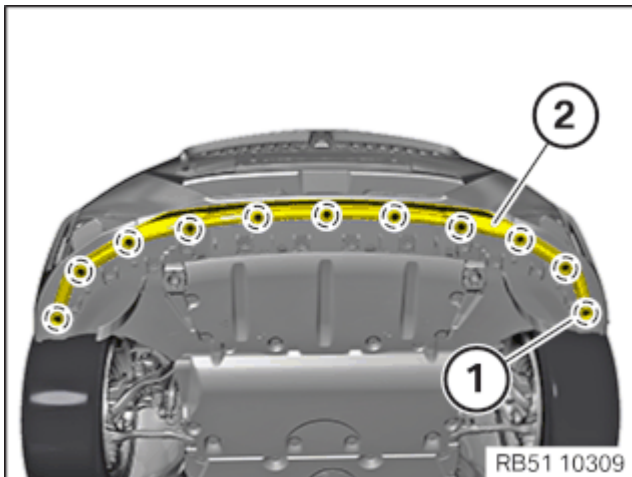


16 – Installing the seal for the front bonnet



- Position the bonnet seal(1) and connect it on the mounting on the bumper and on the headlights.

17 – Removing the centre spoiler on the front bumper panel



- Loosen screws (1).
- Remove the spoiler (2).

Additional Information

Overview of Tightening Torques

Spoiler at the centre to the bumper panel

Used in step [1](#)

Hexagon screw for thermoplastic

Tightening torque

2.6 Nm

Reinforcement bumper on retaining frame

Used in step [11](#)

Hexagon screw

Tightening torque

2.8 Nm

Front bumper panel to front side panel

Used in step [12](#)

Torx screw 5x35

Tightening torque

3 Nm

Front bumper panel to underbody protectionUsed in step [12](#)

Hexagon screw for thermoplastic	Tightening torque	2,6 Nm
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Wheel arch trim panel, frontUsed in step [14](#)

Thermoplastic hexagon screw	Tightening torque	2,6 Nm
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