BMW G42 M240i xDrive Coupe / Repair Manuals and Technical Data / 63 Lights / 63 21 Rear light cluster /

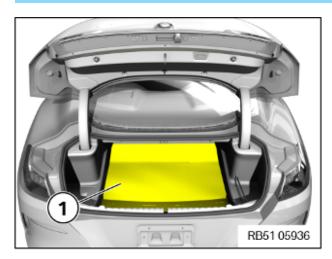
# 63 21 283 Remove and install both rear lights of side panel

#### PRELIMINARY WORK

#### 1 - Removing the luggage compartment floor trim panel



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

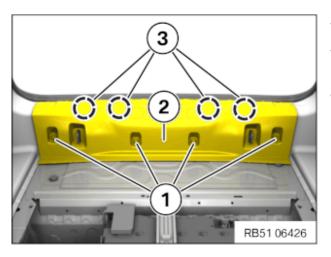


• Remove luggage compartment floor trim panel (1).

# 2 - Removing the loading edge trim



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



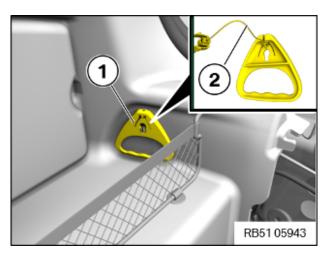
- Loosen the expanding rivet (1).
- Unclip loading edge trim(2) upwards from latch mechanisms (3).
- Guide out and remove loading edge trim (2) under the sealing lip of the tailgate seal.



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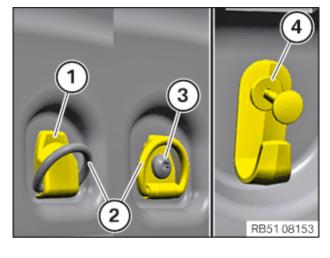
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# ▶ If installed: Remove the emergency release handle for the tailgate (additional work in the US version)

- Release the emergency release handle (1) for the tailgate from the holder.
- Detach the Bowden cable (2) and remove the emergency release handle (1) for the tailgate.

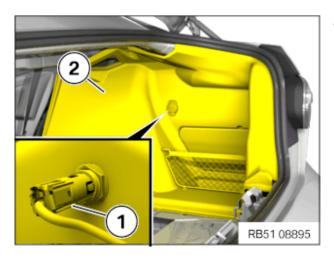


# ► Partially remove luggage compartment wheel arch trim panel

- Unclip covers (1) of lashing eyes (2).
- Release screws (3) of lashing eyes (2).
- Release the expanding rivet (4) of multifunction hook.



trim panel (3) in the rear area towards the centre of the vehicle.



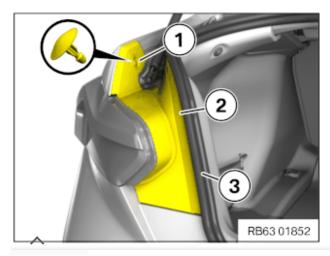
# ► If installed: Disconnect the plug connection of the 12 V power socket

 Unlock and disconnect the plug connection of the 12 Volt power socket (1) at the luggage compartment wheel arch trim panel (2).

# 4 - Removing trim from water channel on left and right



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



### ► Removing the trim in the water channel

- Release the clip (1).
- Feed out trim (2) in the area of the edge protection (3).

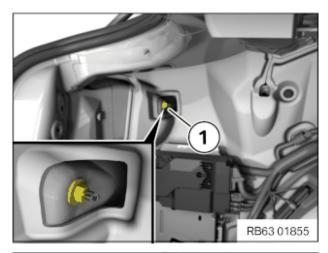


#### **MAIN WORK**

# 5 - Removing rear light on the left and right side panel

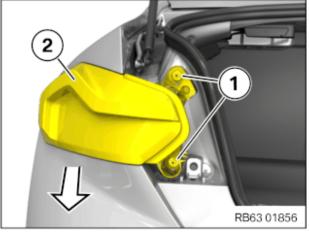


Description is for left component only. Procedure on the right side is identical.

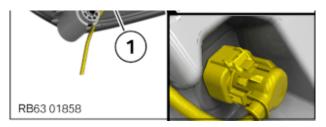


# ► Removing the rear light on the side panel

• Release nut (1).



- Release nuts (1).
- Feed out the rear light (2) in the direction of the arrow.



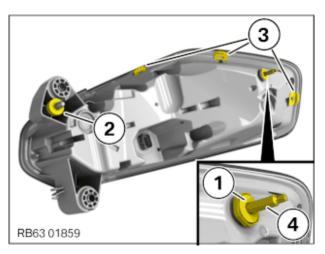
For additional information see: 6113 ... Unlocking and disconnecting different plug connections

- Unlock plug connection (2) and disconnect.
- Remove the rear light (3).

#### 6 - Installing rear light onto side panel at left and right



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



#### ► Installing the rear light on the side panel

#### Check

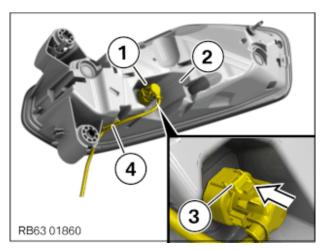
- Check seals (1) and (2) for damage and, if necessary, renew them.
- The protective films on contact surfaces (3) of the rear light must not be damaged or missing.

Missing protective films can cause paintwork damage and corrosion.

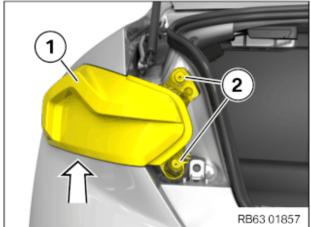


The thread is a left-hand thread.

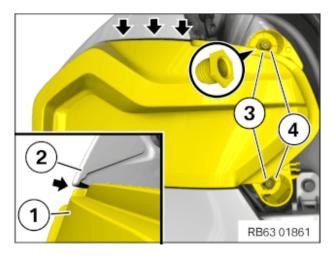
 The front adjusting element (4) of the rear light must be in the screwed-in position.



- Connect connector (1) to rear light (2).
  The connector (1) must engage audibly.
- Lock lock (3) of connector (1) in the direction of the arrow.
- Clip in the wiring harness with holder (4) on rear light (2) .

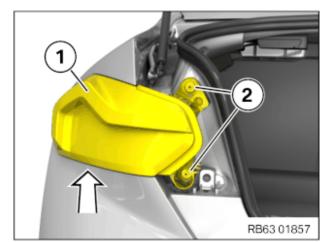


- Insert rear light (1) in the direction of the arrow and press it in the centre.
- Tighten nuts (2) hand-tight.



#### Check

• The upper edge of rear light (1) must have a short length from the lower edge of side panel (2)in the area (arrows).



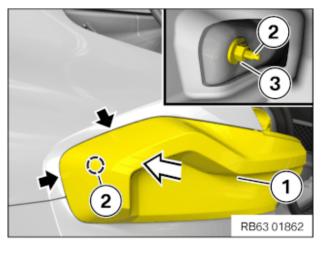
• Press the centre of rear light (1) and tighten nuts (2).

#### Side panel rear light to body

Instrument cluster hexagon nut

Tightening torque

3 Nm





Incorrect setting of the adjusting element of the rear light.

Water ingress or damage to the rear light.

- The steps described below must be followed.
- Press the outside of rear light (1) and let it rest on contact surfaces (arrows).
- Keep the outside of rear light (1) pressed and unscrew the front adjusting element (2) in the luggage compartment clockwise by hand.
- Tighten the nut (3) hand-tight.

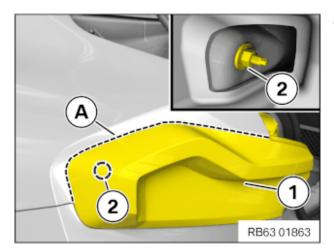
#### Check

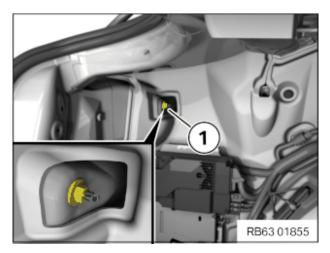
 Check gap dimension (A) between rear light (1) and the side panel.

#### Gap dimension between the rear light and the side panel

Gap dimension in area A

1 (0 - 2) mm





• Tighten nut (1).

### Side panel rear light to body

Instrument cluster hexagon nut

Tightening torque

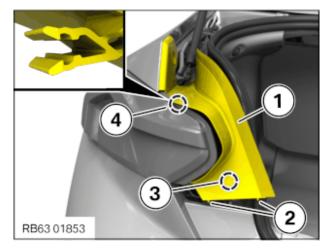
3 Nm

#### **POSTPROCESSES**

### 7 - Installing trim in water channel on left and right



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



#### ► Installing the trim in the water channel

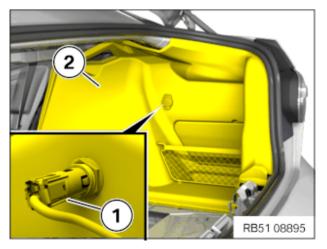
- Position the trim (1) as shown.
- Engage the latch mechanism (4) on the rear light.
- Swivel the lower section of the trim (1) towards the rear light and insert with the guide (3) in the rear light and with the guides (2) into the bumper panel.



#### 8 - Partially installing the luggage compartment wheel arch trim panel on the left and right

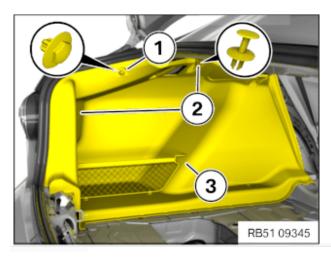


Description is for left component only. Procedure on the right side is identical.



# ▶ If installed: Connecting plug with 12 V socket

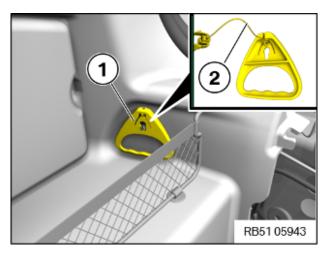
 Connect and lock the connector of 12V power socket (1) on the luggage compartment wheel arch trim panel (2).



# ► Partially install luggage compartment wheel arch trim panel

- Fold back luggage compartment wheel arch panel (3).
- Feed in luggage compartment wheel arch trim panel
  (3) under sealing lip of tailgate seal.
- Secure expanding rivet (2).
- Hand-tighten the nut (1).





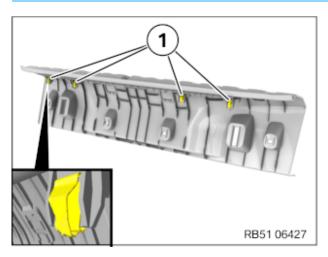
# ▶ If installed: Installing the emergency tailgate release handle (additional work for US version)

- Attach the Bowden cable (2).
- Fasten the emergency release handle (1) for the tailgate to the holder.

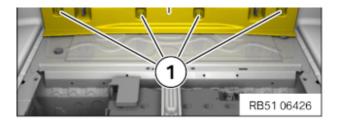
# 9 - Installing loading edge trim



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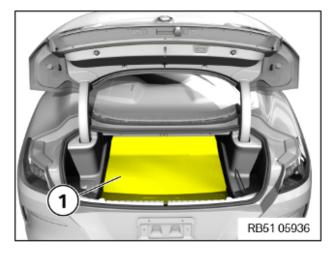
• Check the clamps (1) for damage and renew if necessary.



# 10 - Installing the luggage compartment floor trim panel



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



• Insert the luggage compartment floor trim panel (1).

# **Additional Information**

# **Overview of Tightening Torques**

# Side panel rear light to body

Used in step 6

Instrument cluster - hexagon nut

Tightening torque

3 Nm

#### **Overview Technical Data**

#### Gap dimension between the rear light and the side panel

Used in step 6

Gap dimension in area A

1 (0 - 2) mm

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