

Original BMW Parts and Accessories. Installation Instructions.



Facelift Rear Lights Retrofit.

BMW 5 Series Saloon (G30)

BMW 5 Series Touring (G31)

Installation instructions only valid for cars before LCI

Retrofit kit number

63 13 5 A2A EC0 Facelift rear lights retrofit kit G30

63 13 5 A2A EC1 Facelift rear lights retrofit kit G31

Installation time

The installation time is **approx. 2.5 hours**. This may vary depending on the condition of the car and its equipment package.

The installation time shown does not include any time spent on programming/coding.

The calculation of the total costs for the programming time must be factored into the calculation of retrofitting costs (must not be invoiced under the warranty).

Important information

These installation instructions are primarily designed for use within the BMW dealership organisation and by authorised BMW service companies.

These installation instructions are intended for use by qualified specialist staff trained on BMW cars with the relevant expert knowledge.

All work must be completed using the latest BMW repair manuals, wiring diagrams, servicing manuals and work instructions, in a logical order, using the prescribed tools (special tools), and observing current health and safety regulations.

If you experience installation or functional problems, restrict troubleshooting to approx. 0.5 hours for mechanical work and 1.0 hours for electrical work.

To avoid unnecessary extra work and/or costs, please send an inquiry to the technical parts support team.

Quote the following information:

- VIN,
- retrofit kit part number,
- a detailed description of the problem,
- any work already carried out.

Please do not archive the printout of these installation instructions. The current version can be found in the EPC.

Pictograms



Denotes instructions that draw your attention to dangers.



Denotes instructions that draw your attention to special features.



Denotes the end of the instruction or other text.

Installation information

Ensure that the cables and/or lines are not kinked or damaged as you install them in the car. Costs incurred by this will not be reimbursed by BMW AG.

Additional cables/wires that are installed must be secured with cable ties. If the specified PIN chambers are occupied, bridges, double crimps, or twin-lead terminals must be used.

All illustrations show LHD (left-hand drive) cars; proceed in the same way on RHD (right-hand drive) cars.

Ordering instructions

The following parts are not supplied in the retrofit kit and must be ordered separately (see EPC for part numbers and details):

- MQS socket contact **E** (4 x)
- GREY cable 0.35 mm² **F** (12 metres)
- Cable ties **G** (15 x)
- Gutter cover on left side panel **J**
- Gutter cover on right side panel **K**

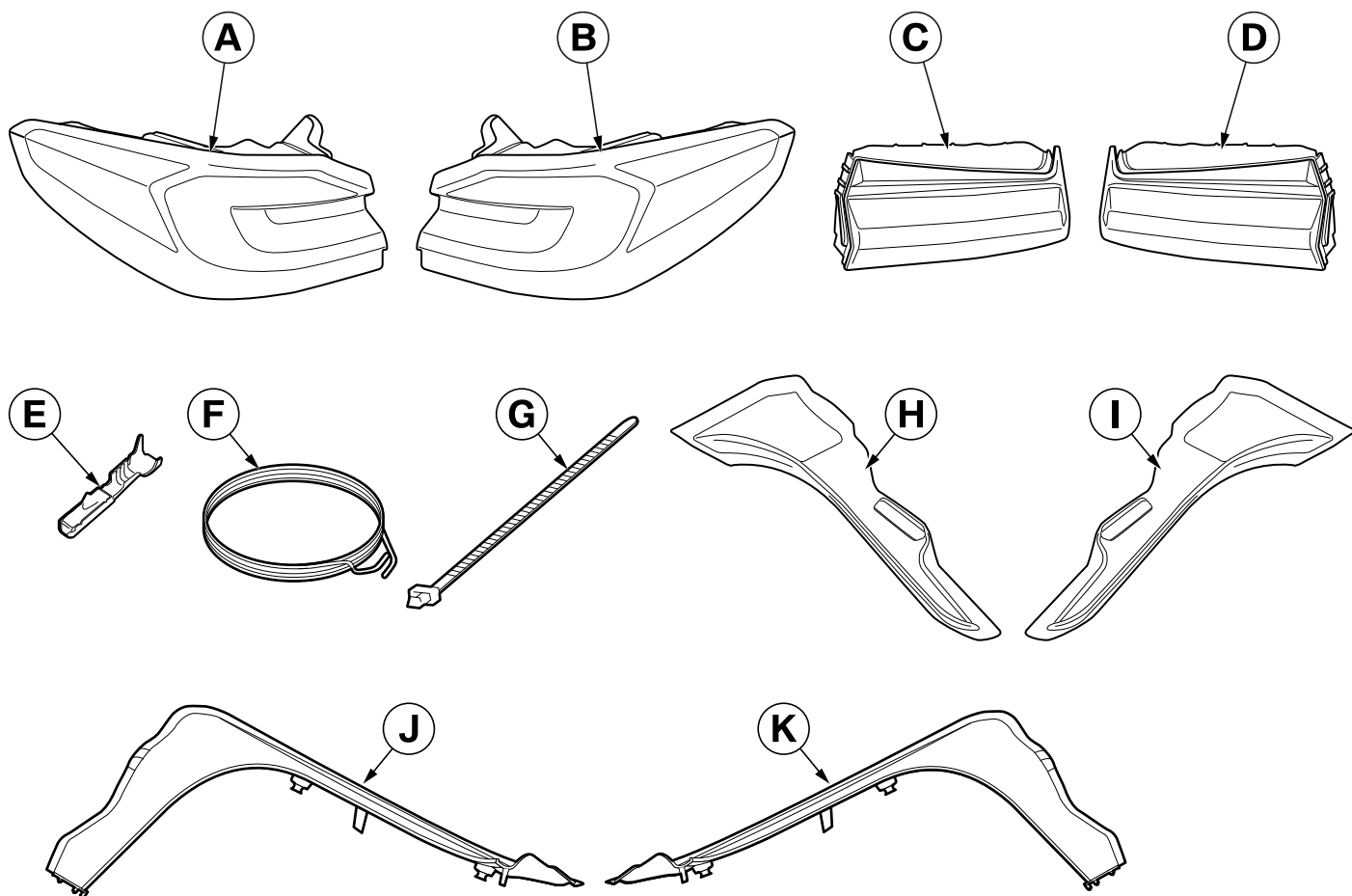
Special tools required

Refer to the relevant ISTA/AIR repair manual for details of the special tool required.

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1. Parts list for retrofit kit



G30 0265 Z

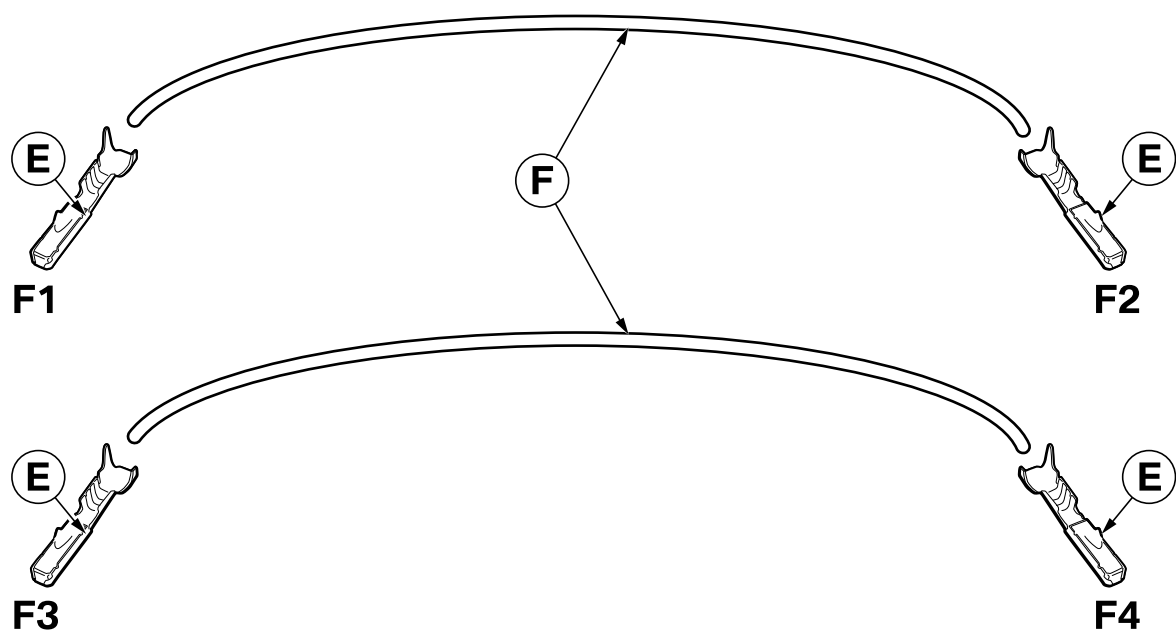
Legend

- A** Side panel rear light, left (photograph shows an example of the rear light on the G30)
- B** Side panel rear light, right (photograph shows an example of the rear light on the G30)
- C** Boot lid rear light, left (photograph shows an example of the rear light on the G30)
- D** Boot lid rear light, right (photograph shows an example of the rear light on the G30)
- E** MQS socket contact (4 x, not supplied with the retrofit kit)
- F** GREY cable 0.35 mm² (12 metres, not supplied with the retrofit kit)
- G** Cable tie (15 x, not supplied with the retrofit kit)
- H** Gutter cover on left side of boot lid (for G30 only)
- I** Gutter cover on right side of boot lid (for G30 only)
- J** Gutter cover on left side panel (for G30 only, not supplied in the retrofit kit)
- K** Gutter cover on right side panel (for G30 only, not supplied in the retrofit kit)

2. Preparatory work

	ISTA/AIR No.
Disconnect the negative battery cable	61 20 900
The following components must be removed first of all	
Rear lights, left and right (on side panel)	63 21 283
Rear lights, left and right (on tailgate)	63 21 285
Boot wheel arch trim, right	51 47 161
Rear right (interior) door sill cover strip	51 47 030
Bottom right B-pillar trim	51 43 150
Front right (interior) door sill cover strip	51 47 000
Bottom right A-pillar trim	51 43 075

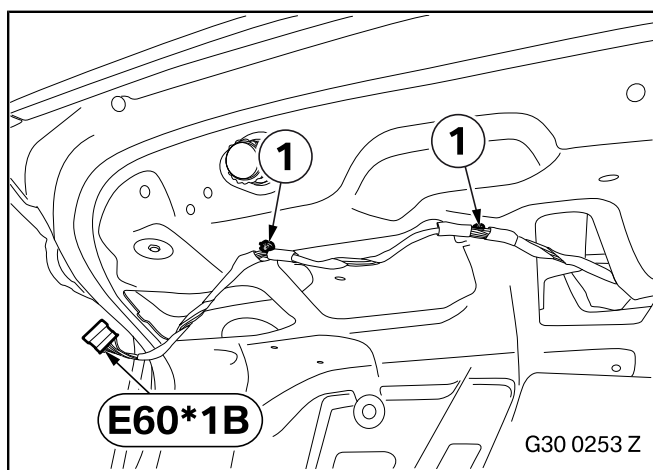
3. Connection diagram



G30 0259 Z

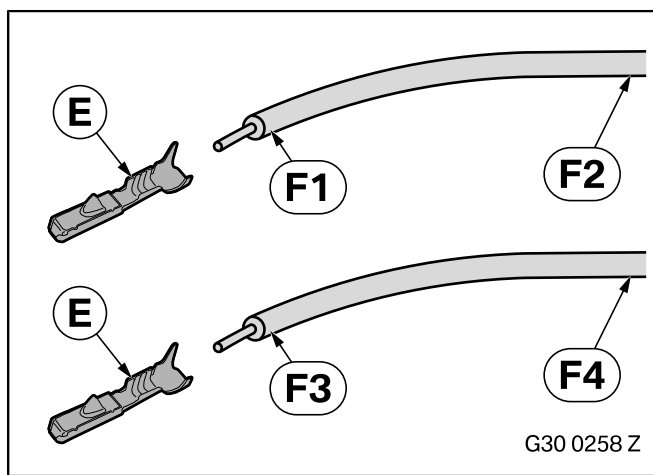
Position	Designation	Signal	Cable colour/ cross-section	Connection location in the car	Abbreviation/ slot
F	GREY cable	---	---	---	---
F1	Open cable	TFL_L	GREY 0,35 mm²	With socket contact E to boot lid rear light, left C	E60*1B PIN 4
F2	Open cable	TFL_R	GREY 0,35 mm²	With socket contact E to BDC	A258*3B PIN 50
F3	Open cable	TFL_L	GREY 0,35 mm²	With socket contact E to boot lid rear light, right D	E58*1B PIN 4
F4	Open cable	TFL_R	GREY 0,35 mm²	With socket contact E to BDC	A258*3B PIN 38

4. Connecting and installing the LED rear lights



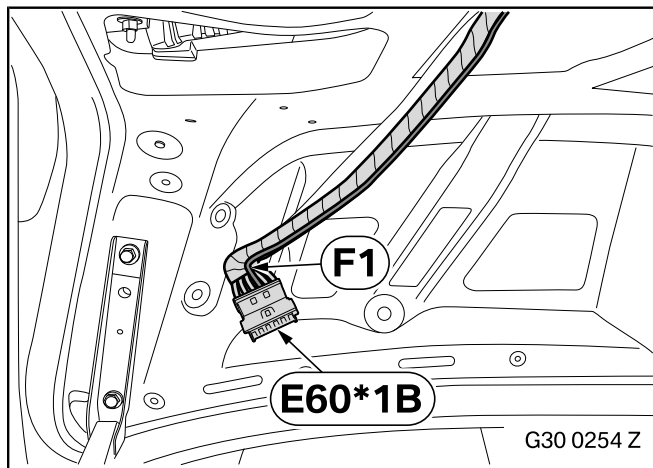
▶ The figure shows the G30 car. Proceed in the same way with the G31. ◀

Remove both cable holders (1) from the wiring harness to plug **E60*1B**, they are no longer required.



Cut the GREY cable **F** to a length of 7 metres for **F1/F2** and 5 metres for **F3/F4**.

Crimp MQS socket contacts **E** onto branches **F1** and **F3**.



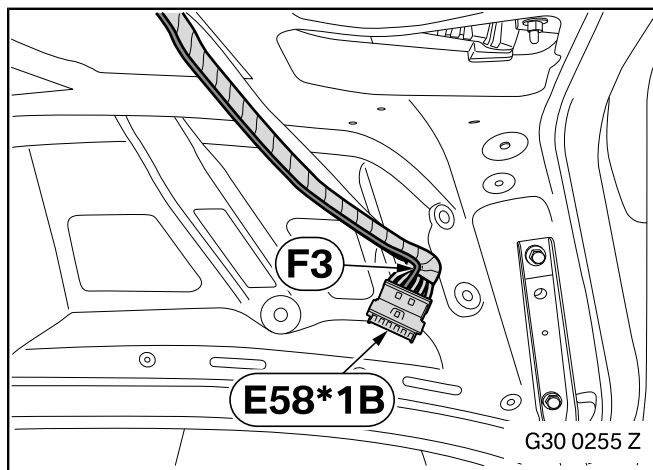
▶ The figure shows the G30 car. Proceed in the same way with the G31. ◀

Disconnect all cable from the left boot lid rear light plug **E60*1B** and reconnect them as follows:

- BLACK/YELLOW cable to PIN 1
- YELLOW/BROWN cable to PIN 2
- YELLOW/BLACK cable to PIN 3
- BLUE/RED cable to PIN 5
- BROWN cable to PIN 6

Connect branch **F1** to PIN 4.

4. Connecting and installing the LED rear lights

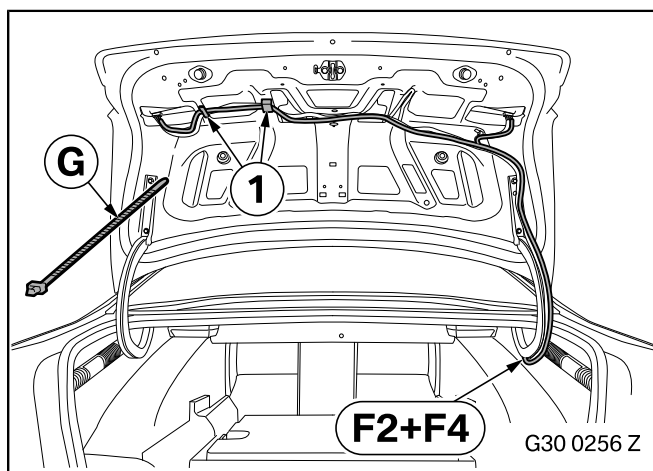


▶ The figure shows the G30 car. Proceed in the same way with the G31. ◀

Disconnect all cable from the right boot lid rear light plug **E58*1B** and reconnect them as follows:

- BLACK/WHITE cable to PIN 1
- BLUE/BLACK cable to PIN 2
- YELLOW cable to PIN 3
- BLUE/WHITE cable to PIN 5
- BROWN cable to PIN 6

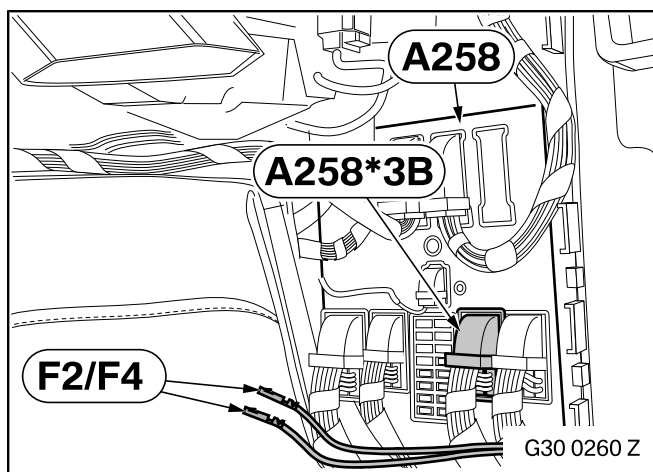
Connect branch **F3** to PIN 4.



▶ The figure shows the G30 car. Proceed in the same way with the G31. ◀

Route branches **F2** and **F4** along the boot lid wiring harness on the right-hand side of the boot and secure them with cable ties.

Secure the boot lid wiring harness to the boot lid using adhesive tape at the points shown (1).

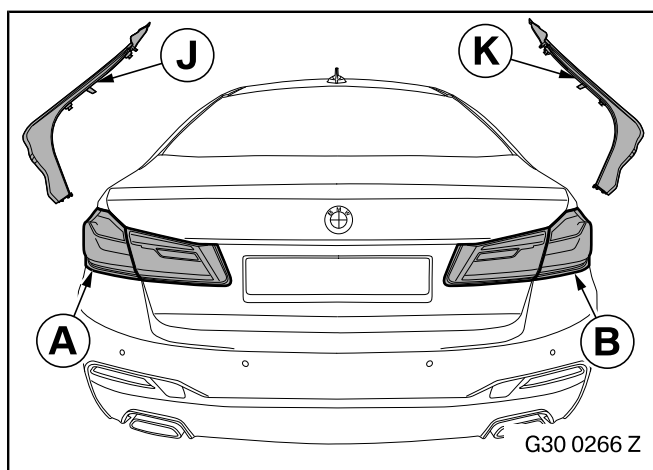


Route branches **F2** and **F4** along the right-hand side of the car to the BDC **A258**.

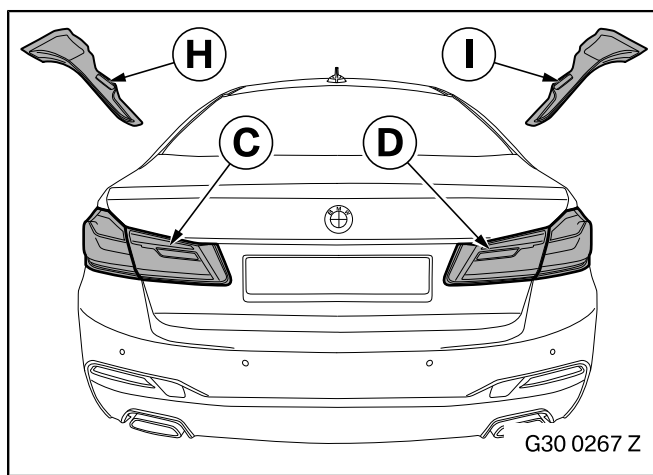
Connect branch **F2** to plug **A258*3B**, PIN 50.

Connect branch **F4** to plug **A258*3B**, PIN 38.

5. Concluding work and coding



Install side panel rear lights **A** and **B** with gutter cover on left side panel **J** and gutter cover on right side panel **K** as described in **ISTA/AIR 63 12 283**.



Install boot lid rear lights **C** and **D** with gutter cover on left side of boot lid **H** and gutter cover on right side of boot lid **I** as described in **ISTA/AIR 63 12 285**.

The retrofit system requires programming/coding.

- Connect the battery
- Connect the battery charger to the car
- Connect the car to the ISTA workshop system
- Open the ISTA car programming system
- Please refer to the instructions provided in the ISTA application documentation for working with ISTA
- Select the "LCI rear lights retrofit" in the – **Retrofits** – path and work through the action plan
- If necessary, carry out a vehicle test using the ISTA system, and note, or work through, any errors that have been recorded
- Conduct a function test
- Re-assemble the car