

Original BMW Accessories.

Installation Instructions.



Security Kit Retrofit.

All BMW models as per EPC listing

Retrofit kit number

84 20 2 464 228 Security kit retrofit

Installation time

The installation time for the following cars is:

- | | |
|---|---------------------------|
| – F01, F02, F04, F06, F10, F11, F12, F13, F18, G01, G02, F55, F56, F57, F60 | approx. 0.75 hours |
| – F07, F2x, F3x, F4x, G3x | approx. 1.0 hours |
| – F15, F16, G11, G12, F52, F54 | approx. 1.25 hours |

If the car is already completely dismantled and only the screw security inserts are installed, the installation time is **0.25 hours**.

These times may vary depending on the condition of the car and the equipment in it.

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 hour for electrical work.

To avoid unnecessary extra work and/or costs, send an inquiry straight away to the technical parts support team via the Aftersales Assistance Portal (ASAP).

Quote the following information:

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

Do not archive the hard copy of these installation instructions, since daily updates are supplied in ASAP!

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.

Special tools required

00 9 340, Removal tool

00 9 341, Removal tool

00 9 322, Wedge

00 9 323, Scraper

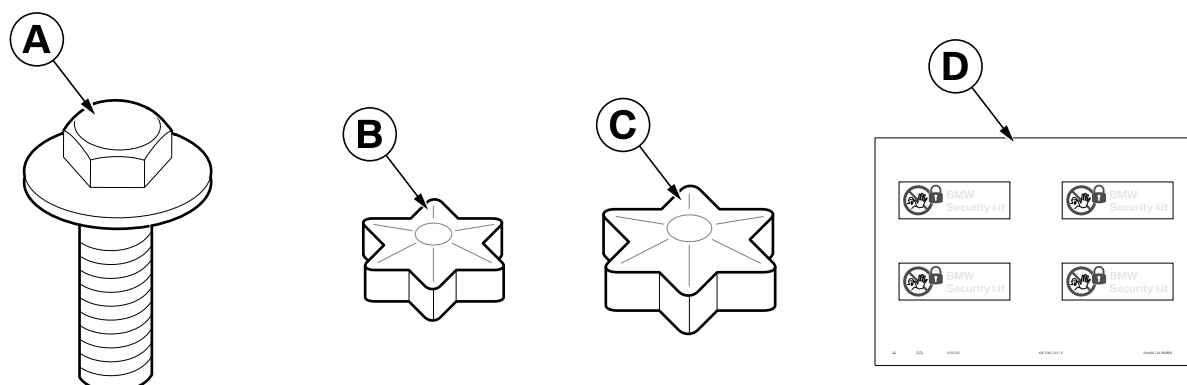
00 9 325, Wedge

00 9 327, Wedge

00 9 505, Wedge

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1. Parts list for retrofit kit



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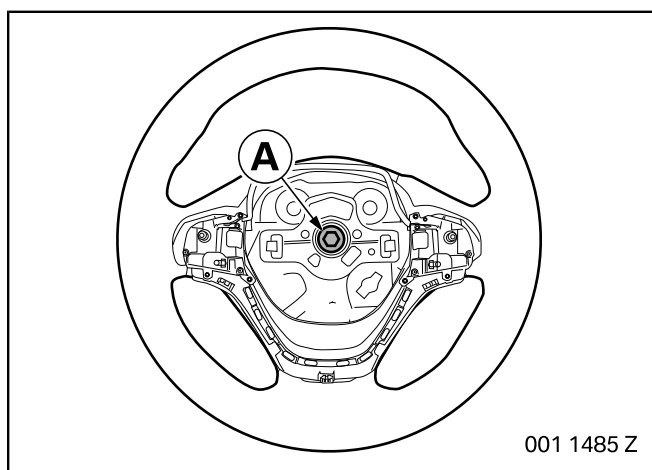
Legend

- A** Hexagon screw M14, micro-encapsulated (for F15, F16, F2x, F3x, F4x, F5x, F60, G0x, G1x, G3x cars only before production date 11/2018)
- B** Screw security insert TX20 (12 x)
- C** Screw security insert TX25 (6 x)
- D** Sticker

2. Preparatory work

| | ISTA/AIR No. |
|---|--------------|
| The following components must be removed first of all | |
| Centre console finisher (on F0x, F1x, F2x, F4x, F52, G0x, G1x, G3x cars only) | 51 16 160 |
| Centre console finisher (on F3x (apart from F39) cars only) | 51 45 145 |
| Remove the side clips on the centre console (on F39 cars only) | 51 16 678 |
| Controller finisher (on F54, F55, F56, F57, F60 cars only) | 61 31 195 |
| Radio and air conditioning controls (on F0x, F1x, F2x, F3x (apart from F39), F4x cars only) | 61 31 321 |
| Side clip on the centre console (on F39 cars only) | 61 31 751 |
| Audio control unit (on F4x cars only) | 61 31 251 |
| Radio and air conditioning controls (on G0x cars only) | 61 31 821 |
| Radio and air conditioning controls (on G1x, G3x cars only) | 64 11 877 |
| Decorative strip on the centre dashboard (on F01, F02, F04, F06, F25, F26, G01, G02 cars only) | 61 31 380 |
| Decorative strip on the right dashboard (on F07, F1x, F3x, F4x, G1x, G3x cars only) | 51 45 380 |
| Remove and install centre fresh air grille (on F2x cars only) | 64 22 165 |
| Central instrument (on F5x cars only) | 65 50 200 |

3. Installation

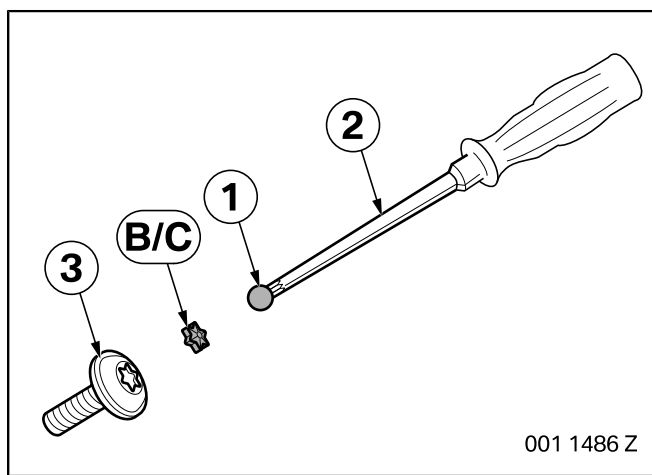


F15, F16, F2x, F3x, F4x, F5x, F60, G0x, G1x, G3x cars only before production date 11/2018

Undo hexagon screw M14.

Retap the thread in the steering spindle.

Install the hexagon screw M14, micro-encapsulated **A** as described in repair instructions 32 33 500.



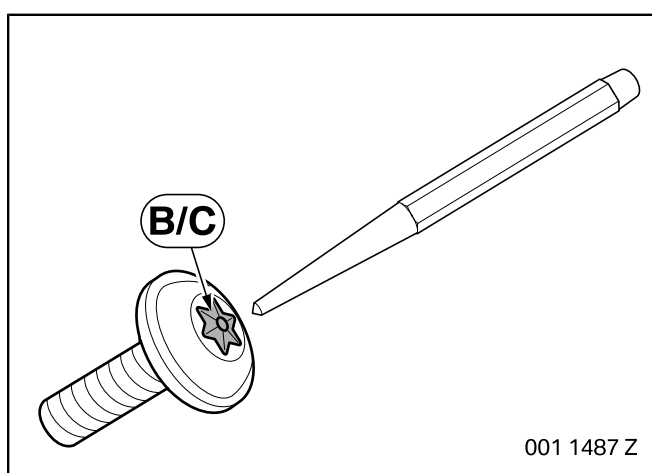
All cars

▶ The following Torx screws must be tightened:

- Controller
- Head unit
- Central Information Display (CID)
- Gear selector switch (on cars with automatic gearbox only, not on F39, F4x and F5x) ◀

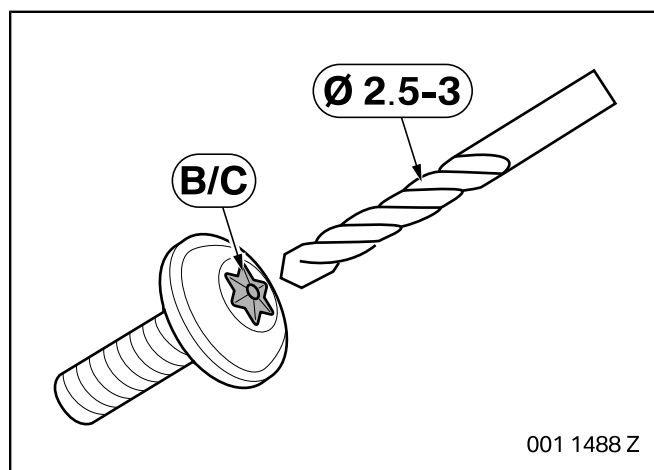
Tighten the Torx screws (3) with screw security inserts **B/C** as follows:

- Fit the installation kit (1, for example permanently elastic kit) on installation tool (2, for example Torx screwdriver).
- Place the screw security inserts **B/C** loosely on the installation kit (1) and insert them into the Torx screw (3).



Centrepunch the screw security inserts **B/C** gently in the centre.

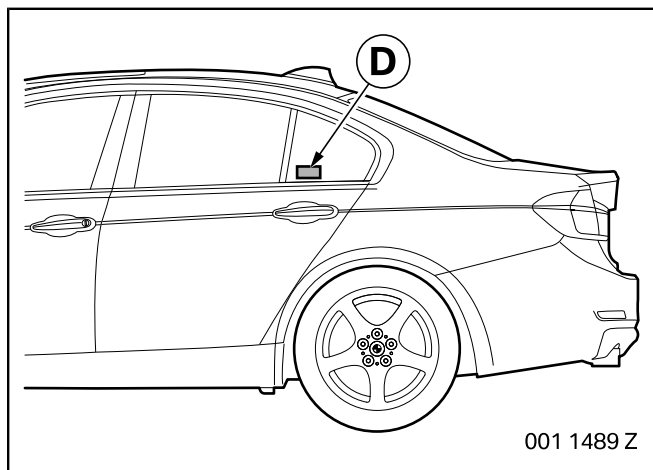
4. Removing the screw security inserts (for repairs)



▶ Extract the drilling chips during the drilling process. ◀

Drill opened the screw security inserts **B/C** in the centre using a 2.5-3 mm drill bit and lever them out.

5. Concluding work and coding



- ▶ The bonding surfaces must be completely dry, clean, and free from wax or grease. ◀

Apply the sticker **D**, onto the side windows from the inside as specified by the customer.

- ▶ BMW recommends that the stickers are affixed to the rear triangular windows on the left and right. ◀

The retrofit system does not require programming/coding.

- Connect the battery
- Conduct function tests
- Re-assemble the car