

Original BMW Accessories. Installation Instructions.



Sport brake retrofit

BMW X5 (F 15)

BMW X6 (F 16)

Retrofit kit only matches authorised wheels (see section 7).

Retrofit kit number

34 11 2 348 054 Sport brake retrofit kit

Installation time

The installation time is **approx. 3.5 hours**. This may vary depending on the condition of the car and the equipment in it.

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 (no charges may be made through the warranty).

Important information

Customer information G (part no. 01 29 2 348 057) must be given to the customer.

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

In any event, the target group for these installation instructions is specialist personnel trained on BMW cars with the appropriate specialist knowledge.

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

If you experience installation or function 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:

- Vehicle identification number,
- 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 provided via 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.

Note for the customer (important documents and information for the customer)

The workshop certificate (see appendix) must be completed and given to the customer with customer information **G** and the TÜV parts report.

The customer must be told that national acceptance and a modification of the vehicle's paperwork are required because the brake system data relevant for the approval have changed.



Run the M Performance brake system in carefully for the first 200 km. After this, the full sporty characteristics of the brake system can develop. ◀

Ordering instructions

For the vehicle assignment, see the latest information in the EPC.

Special tools required

34 1 050, brake piston tool

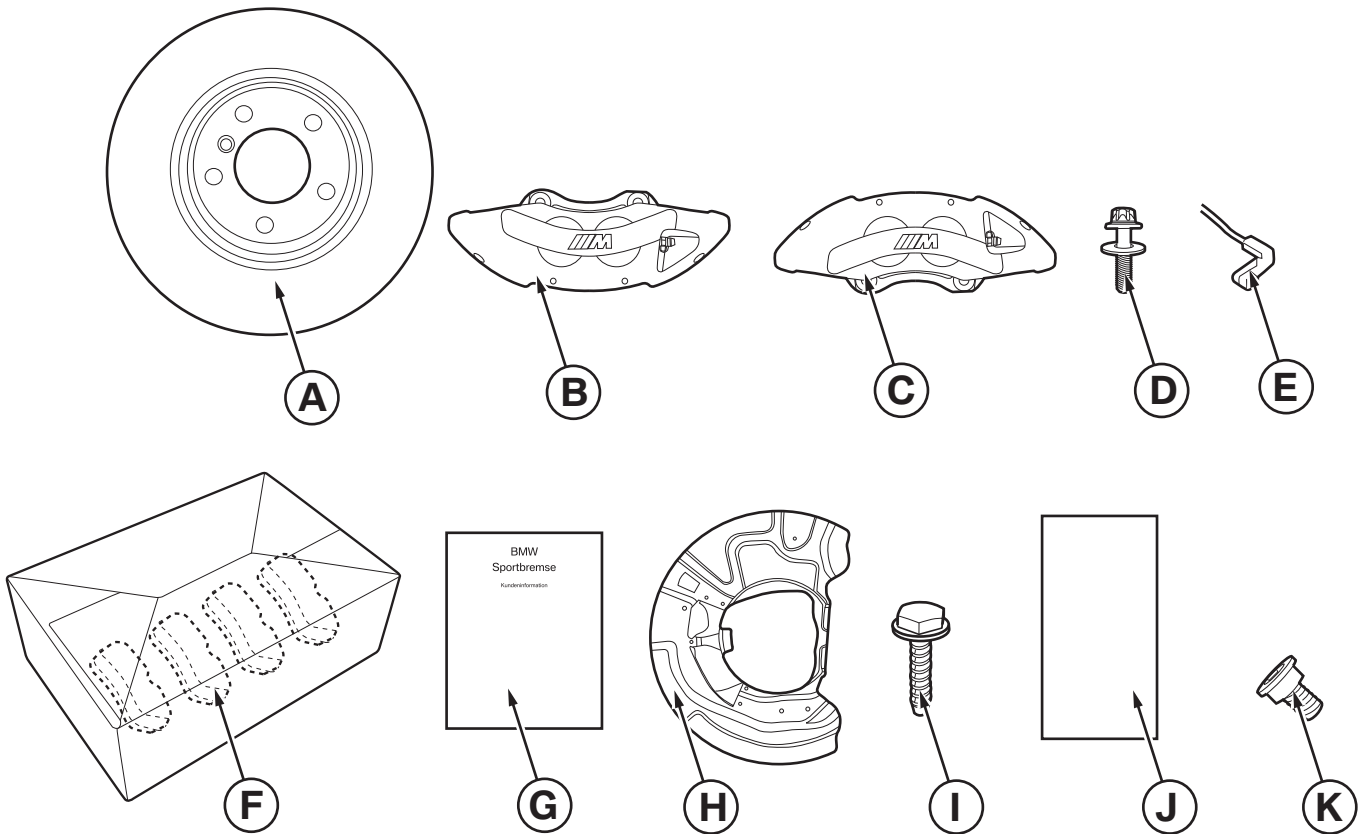
Installation information

All pictures show LHD cars; proceed accordingly on RHD cars.

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1. Front axle parts list

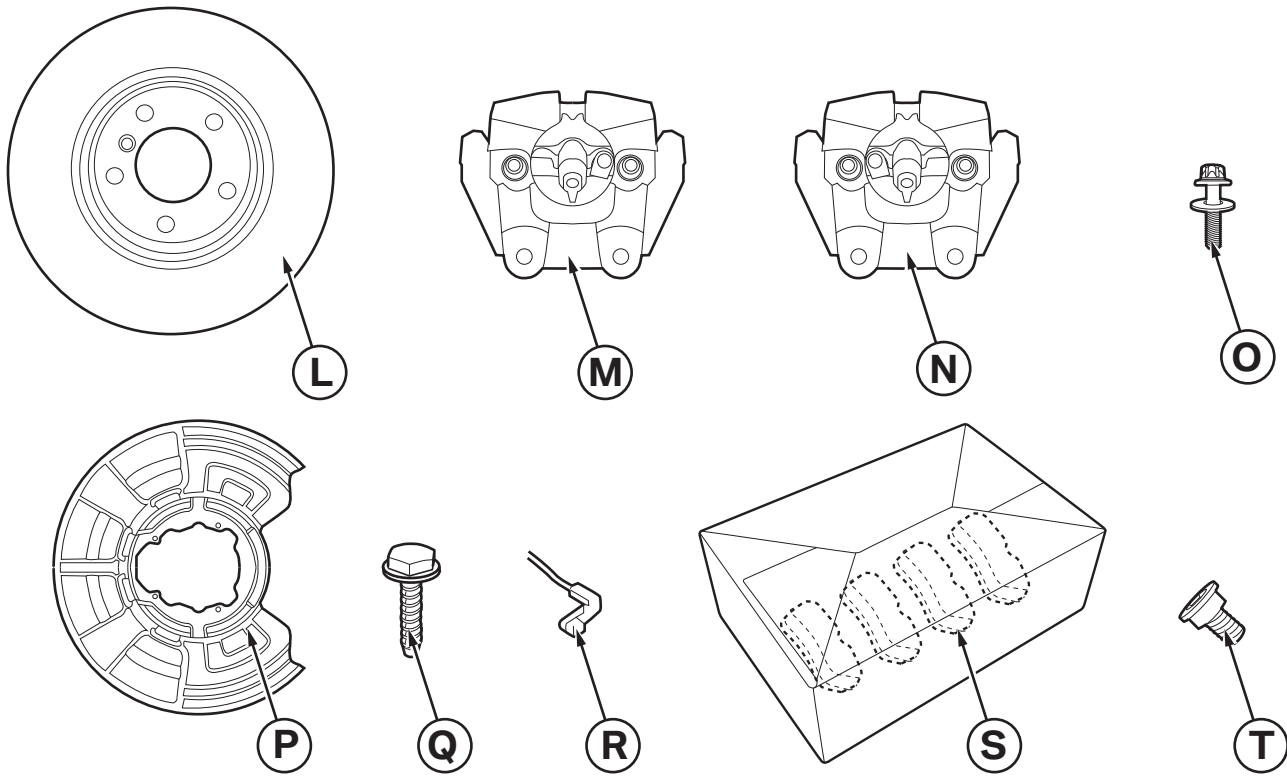


F15 0000 V

Legend

- A** Lightweight-construction front brake disk (2 x, left/right)
- B** Front left brake calliper
- C** Front right brake calliper
- D** Hexagon screw for brake calliper (4 x)
- E** Front brake pad wear sensor (incl. clip)
- F** Front brake pad (1 set)
- G** Customer information
- H** Front brake guard plate (2 x, left/right)
- I** Hexagon screw for brake guard plate (8 x)
- J** Brake pad paste (2 x)
- K** Grub screw (2 x)

2. Rear axle parts list



F15 0001 V

Legend

- L** Lightweight rear brake disk (2 x, left/right)
- M** Rear left brake calliper (in single parts)
- N** Rear right brake calliper (in single parts)
- O** Hexagon screw for brake calliper (4 x)
- P** Rear brake guard plate (2 x, left/right)
- Q** Hexagon screw for brake guard plate (8 x)
- R** Rear brake pad wear sensor
- S** Rear brake pad (1 set)
- T** Grub screw (2 x)

3. Preparatory work

	ISTA No.
Conduct a brief test	---
Disconnect the negative pole of the battery	12 00 ...
The following components must be removed first of all	
Front and rear wheel	36 10 300
Front brake pad wear sensor	34 35 001
Front brake pads	34 11 000
Front brake calliper	34 11 519
Front brake disc	34 11 220
Front brake guard plates	34 11 250
Rear brake pad wear sensor	34 35 003
Rear brake pads	34 21 200
Rear brake calliper	34 21 745
Rear brake disk	34 21 320
Rear brake guard plate	34 21 169

4. Front axle installation work

Install the following parts as per the ISTA No.:

- Install front brake guard plates **H** with the brake guard plate hexagon screws **I** as per ISTA No. **34 11 250**.
- Install front lightweight-construction brake disks **A** as per ISTA No. **34 11 220**.
- Install front brake pads **F** using brake pad paste **J** as per ISTA No. **34 11 000**.
- Install front left brake calliper **B** and front right brake calliper **C** with the brake calliper hexagon screws **D** as per ISTA No. **34 11 519**.
- Install front brake pad wear sensor **E** as per ISTA No. **34 35 001**.

5. Rear axle installation work

Install the following parts as per the ISTA No.:

- Install rear brake guard plates **P** with the brake guard plate hexagon screws **Q** as per ISTA No. **34 21 169**.
- Install rear lightweight-construction brake disks **L** as per ISTA No. **34 11 220**.
- Install rear brake pads **S** as per ISTA No. **34 11 000**.
- Assemble rear left brake calliper **M** and rear right brake calliper **N**.
- Install rear left brake calliper **M** and rear right brake calliper **N** with the brake calliper hexagon screws **O** as per ISTA No. **34 11 519**.
- Install rear brake pad wear sensor **R** as per ISTA No. **34 35 001**.


6. Concluding work and coding

The retrofit system requires coding.


- Connect the battery
- De-aerate the brake system as per ISTA No. **34 00 050**
- Fit the front and rear wheels as per ISTA No. **36 10 300**
- Encode the retrofit with the Software Service Station (SSS) via the – **Retrofit/Sport Brake** – path
- Conduct a brief test
- Conduct a function test
(Please see ISTA No. **34 00 ...** General Instructions on Running In New Brake Disks/Brake Pads).

The workshop certificate (see appendix) must be completed and given to the customer with customer information **G** and the TÜV parts report.

The customer must be told that national acceptance and a modification of the vehicle's paperwork are required because the brake system data relevant for the approval have changed. Correct installation must be confirmed by an officially-approved expert or examiner.

 Important information for the customer: Run the M Performance brake system in carefully for the first 200 km. After this, the full sporty characteristics of the brake system can develop. ◀

7. Approved wheels

-  After the 19" M Performance brake system is installed, only Original BMW alloy wheels larger than or equal to 19" may be used (see EPC). This also applies for winter wheels. ◀



Workshop certificate

The M Performance brake system has been installed according to Installation Instruction No. 01 29 2 348 132.

TÜV parts report

For F15/F16 cars,

part number **01 29 2 348 133** (available via ASAP) applies

Contains TÜV parts report no. **12-00494-CP-GBM-00** (including all supplements).

"Sport brake retrofit" coding has been carried out.

Car model: _____

Vehicle identification no.: _____

Parts kit no.: 34 11 2 348 054 _____

Name and address of the vehicle owner: _____

Place, date

Signature of person responsible