

# ORIGINAL MINI ACCESSORIES. INSTALLATION INSTRUCTIONS.



## 17" JCW Sport Brake Retrofit MINI (F5x)

Retrofit kit only compatible with JOHN COOPER WORKS wheel arch extension and approved wheels (for instructions see EPC and also Section 7).

### Retrofit kit number

34 11 2 352 872 Sport brake retrofit kit

### Installation time

The installation time is **approx. 3.0 hours**. This may vary depending on the condition of the vehicle 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 invoicing via warranty).

### Important information

**Customer information G (part no. 01 29 2 354 558) must be given to the customer.**

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

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

All work must be completed using the latest MINI 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:

- Chassis number,
- Retrofit kit part number,
- A detailed description of the problem,
- And 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.

## Installation information

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


## Ordering instructions


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

## 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 test 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.

 Run in the JCW Sport brake carefully during the first 200 km. After this, the full sporty characteristics of the brake system can develop.

 The design characteristics of the drilled and grooved brake disks mean that functional noises may occur when braking that have no influence on the stability of the brake system. ◀

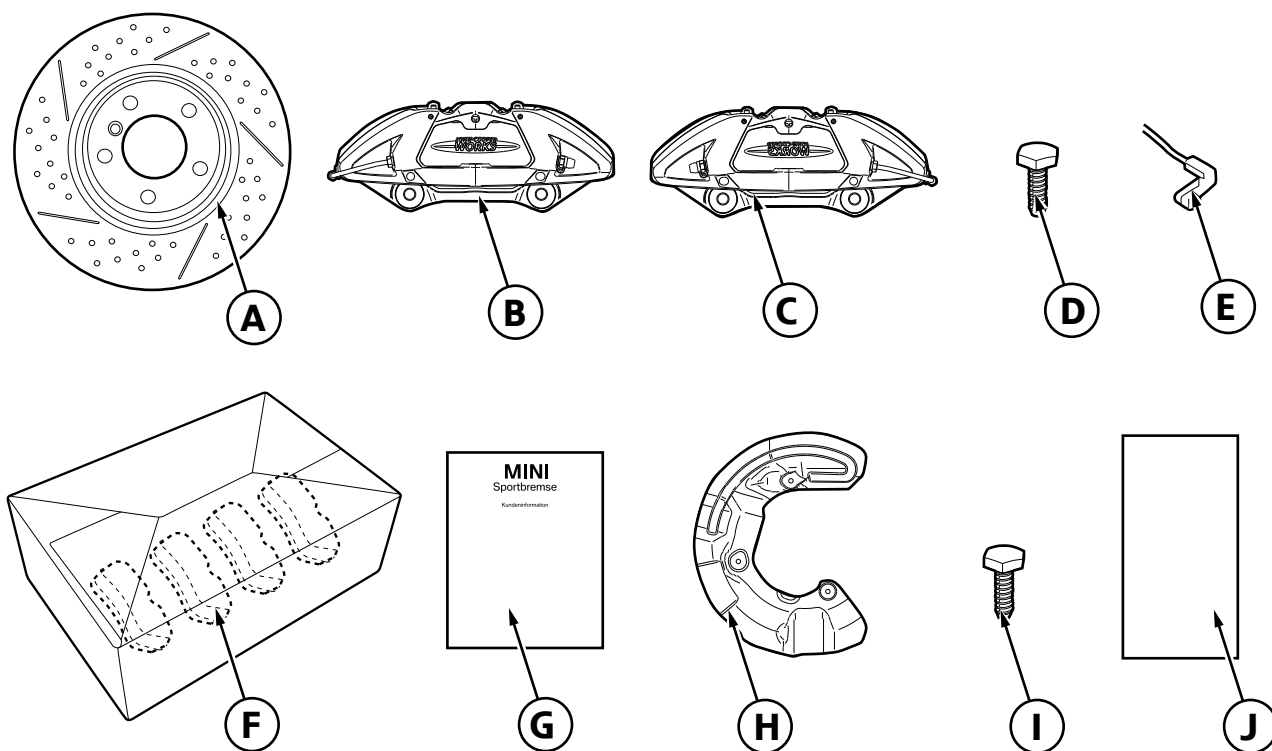
## Special tools required

34 1 050, brake piston tool

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## 1. Front axle parts list

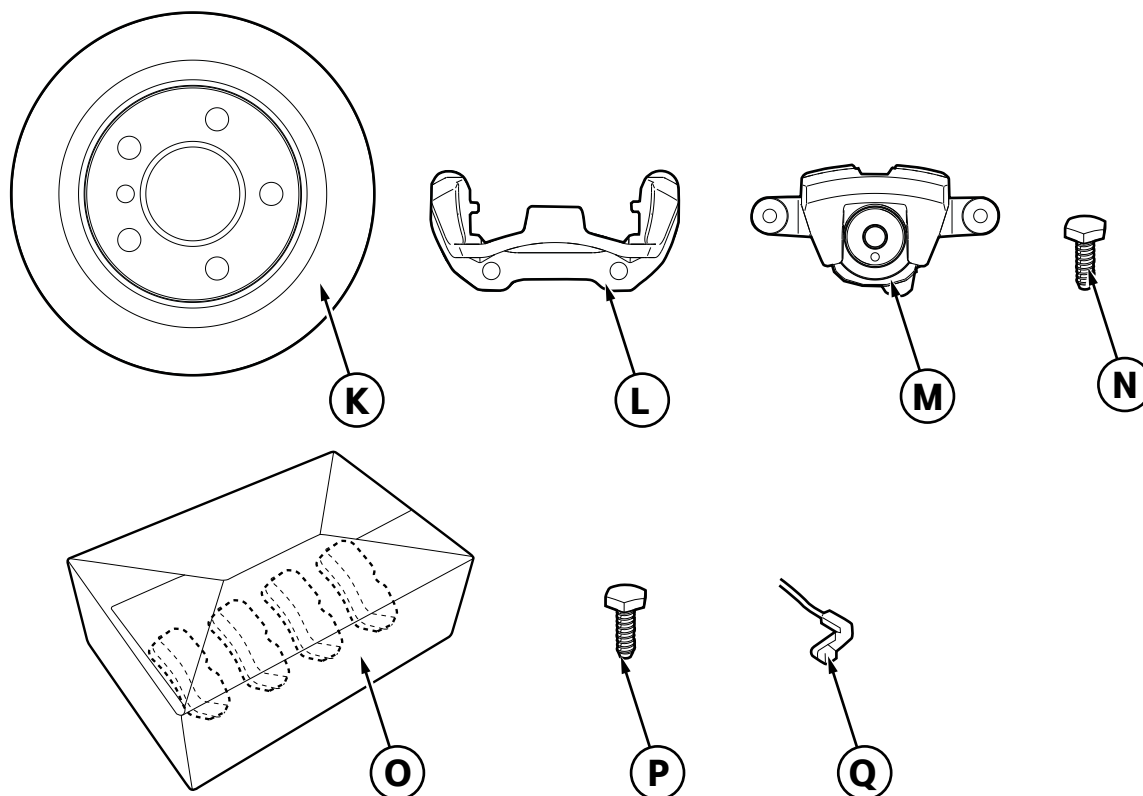


F56 0102 V

### Legend

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

## 2. Rear axle parts list



F56 0103 V

### Legend

- K** Rear lightweight construction brake disk (2 x)
- L** Rear left/right support
- M** Rear left/right brake calliper
- N** Brake calliper hexagon screw (4 x)
- O** Rear brake pad (1 set)
- P** Hexagon screw for brake guard plate (8 x)
- Q** Rear brake pad wear sensor

### 3. Preparatory work

	ISTA No.
Conduct a brief test	---
disconnect the negative pole of the battery	12 00 ...
<b>The following components must be removed first of all</b>	
Front and rear wheel	36 10 300
Front brake pad wear sensor	34 35 001
Front brake pad	34 11 000
Front brake calliper	34 11 520
Front brake disk	34 11 220
Front brake guard plate (only for 15" brake guard plate)	34 11 250
Rear brake pad wear sensor	34 35 003
Rear brake pad	34 21 200
Rear brake calliper	34 21 745
Rear brake disk	34 21 320

#### **4. Front axle installation work**

Install the following parts as per the ISTA No.:

- Install front brake guard plate **H** with 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 brake callipers **B** and **C** with 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 lightweight-construction brake disks **K** as per ISTA No. **34 11 220**
- Install rear brake pads **O** as per ISTA No. **34 11 000**
- Install rear brake callipers **L** and **M** with hexagon screws **N** as per ISTA No. **34 11 519**
- Install rear brake pad wear sensors **Q** as per ISTA No. **34 35 001**




## 6. Concluding work and coding


The retrofit system requires programming / coding.

- Connect the battery
- De-aerate the brake system with DSC 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
- Carry out a function test (please use ISTA No. **34 00 ...** Note the 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 test 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 in the JCW Sport brake carefully during the first 200 km. After this, the full sporty characteristics of the brake system can develop.

 The design characteristics of the drilled and grooved brake disks mean that functional noises may occur when braking that have no influence on the stability of the brake system. ◀

## 7. Approved wheels

-  Following installation of the 17" JCW Sport brake, only specially approved MINI alloy wheels can be used. This also applies for winter wheels. Note must be taken of the wheels currently approved in the EPC. ◀

## 8. Workshop certificate



# Workshop certificate

The JCW Sport brake has been installed according to Installation Instruction No. 01 29 2 354 559.

### TÜV test report for F5x cars

Part number **01 29 2 354 561** (available via ASAP)

Contains TÜV test report No. **15-00091-CP-GBM-00** (including all supplements).

"Sport brake retrofit" coding has been carried out.

Car model:

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Vehicle identification no.:

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Parts kit no.:

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Name and address of the vehicle owner:

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Place, date

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Signature of person responsible

Dealership (company name / stamp)