



Tyre Repair Kit Plus

**BMW
GROUP**



Tyre Repair Kit Plus

Installation Information

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Installation instructions

The Tyre Repair Kit Plus may only be used with **approved original BMW or MINI wheels**.

The hole pattern, position of the pin holes and the rim contour are key factors for correct installation and secure fit of the Tyre Repair Kit Plus.

If the Tyre Repair Kit Plus is nevertheless used to repair a tyre on an unapproved wheel, **it is not permitted to mount it for use**; instead, it has to be positioned next to the vehicle (as was the case with previous Mobility Sets). In such cases, the journey may be continued only once the tyre has been securely sealed and inflated. For more information, see section "[Operation while stationary](#)".

It is necessary to charge the Tyre Repair Kit Plus before using it for the first time. During charging, the LED next to the USB-C port flashes green. Once the battery is fully charged, the LED will glow solid green. For more information, see section "[Charging the Tyre Repair Kit Plus](#)".

For the following vehicles, there are original BMW or MINI wheels that have been approved for use with the Tyre Repair Kit Plus:

- BMW 2 Series Active Tourer (U06)
- BMW 2 Series Coupé (G42)
- BMW 2 Series Gran Coupé (F78)
- BMW 3 Series (G20, G21, G28)
- BMW 4 Series (G22, G23, G26)
- BMW 5 Series (G60, G61, G68)
- BMW 7 Series (G70)
- BMW X1 (U11, U12)
- BMW X2 (U10)
- BMW X3 (G45, G48)
- BMW X4 (G02)
- BMW X5 (G05, G18)
- BMW X6 (G06)
- BMW X7 (G07)
- BMW i3 (G28)
- BMW i4 (G26)
- BMW i5 (G60, G61, G68)
- BMW i7 (G70)
- BMW iX1 (U11, U12)
- BMW iX2 (U10)
- BMW iX3 (G08)
- BMW iX (I20)
- MINI Countryman (U25)

Exclusions

The Tyre Repair Kit Plus is not fully compatible with the following rims and their corresponding complete wheel and tyre sets; **mounted operation is not allowed!**

Exclusions

	BMW 3 Series (G20, G21)	
16"	16" BMW V-spoke 774 Reflex Silver Dimension: 6.5Jx16 ET:22 Part numbers: 6 876 921	
18"	BMW 2 Series, 3 Series, 4 Series (G20, G21, G22, G23, G28, G42)	
18"	18" BMW V-spoke 780 two-tone Orbit Grey Dimensions: 7.5Jx18 ET:25, 8.5Jx18 ET:40 Part numbers: 6 883 522, 6 897 082, 5 A04 546	
	18" BMW V-spoke 780M two-tone Orbit Grey Dimension: 7.5Jx18 ET:25 Part numbers: 8 089 427	
19"	19" BMW dual spoke 793i two-tone Orbit Grey matt Dimensions: 8Jx19 ET:27, 8.5Jx19 ET:40 Part numbers: 8 089 896, 8 089 897	
	19" BMW dual spoke 793 two-tone Night Gold Dimensions: 8Jx19 ET:27, 8.5Jx19 ET:40 Part numbers: 5 A2A 3A0, 5 A2A 3A9	
	19" BMW Y-spoke 898M Frozen Gunmetal Grey Dimensions: 8Jx19 ET:27, 8.5Jx19 ET:40 Part numbers: 6 895 390, 6 895 391	

Exclusions

	BMW 5 Series (G60, G61, G68)	
19"	19" BMW Triplex spoke 933 Refined Silver Dimensions: 8.5Jx19 ET:29, 10Jx19 ET:46 Part numbers: 5 A32 4D6, 5 A32 4D7, 5 A62 727	
18"	BMW X3 (G01, G02)	
18"	18" BMW Turbine Styling 689 two-tone Jet Black Dimensions: 7Jx18 ET:22 Part numbers: 6 877 323, 6 887 163	
21"	21" BMW V-spoke 726i two-tone Orbit Grey matt Dimensions: 8.5Jx21 ET:30, 9.5Jx21 ET:43 Part numbers: 8 043 670, 8 043 671	
21"	21" BMW Y-spoke 701M two-tone Jet Black matt Dimensions: 8.5Jx21 ET:30, 9.5Jx21 ET:43 Part numbers: 6 877 336, 6 877 337	

Exclusions

BMW X5, X6 (G05, G06)	
20"	20" BMW star spoke 740M two-tone Orbit Grey Dimensions: 9Jx20 ET:35, 10.5Jx20 ET:40 Part numbers: 8 071 996, 8 071 997, 5 A86 323, 5 A86 324
22"	22" BMW dual spoke 742M two-tone Jet Black Dimensions: 9.5Jx22 ET:37, 10.5Jx22 ET:43 Part numbers: 8 090 013, 8 090 014
22"	22" BMW dual spoke 742M Jet Black Dimensions: 9.5Jx22 ET:37, 10.5Jx22 ET:43 Part numbers: 9 882 610, 9 882 611
BMW X7 (G07)	
21"	21" BMW dual spoke 754M two-tone Orbit Grey Dimensions: 9.5Jx21 ET:36 Part numbers: 8 074 220

Operating instructions

Repairing a flat tyre

In the event of a flat tyre, follow these safety measures:

- Park the vehicle at a safe distance from traffic, on firm, non-slippery ground.
- Switch on the hazard warning lights.
- Apply the parking brake.
- Lock the steering wheel with the wheels in the straight-ahead position.
- As soon as traffic conditions permit, have all passengers exit the vehicle and move them out of the danger zone, for example to behind the safety barrier.
- If necessary, set up the warning triangle or flashing warning light at an appropriate distance.

Fix the flat tyre problem, for example by using a tyre repair kit or changing the wheel.

Principle

The Tyre Repair Kit Plus can be used to temporarily seal minor tyre damage. The battery-powered device attaches magnetically and securely to the wheel centre and pumps tyre sealant and air into the tyre both when stationary and while driving.

The sealant injected into the tyre seals the damage internally.

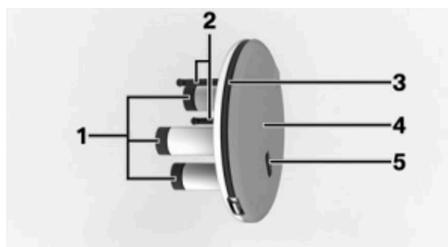
The current tyre pressure can be viewed on the vehicle's central display.

The Tyre Repair Kit Plus is designed to be mounted on the wheel only once.

The Tyre Repair Kit Plus may be unable to rectify tyre damage larger than approx. 4 mm in size. Only remove foreign bodies if they are visibly projecting out of the tyre.

Follow the instructions for using the Tyre Repair Kit Plus as shown on the housing.

Overview



- 1 Magnetic feet
- 2 Guide pins
- 3 Filler hose
- 4 Housing/compressor
- 5 On/Off switch

Storage

The storage location of the Tyre Repair Kit Plus depends on the vehicle configuration:

- In the storage compartment beneath the bonnet.
- In the luggage compartment, beneath the floor of the luggage compartment.
- In the luggage compartment on the left or right.

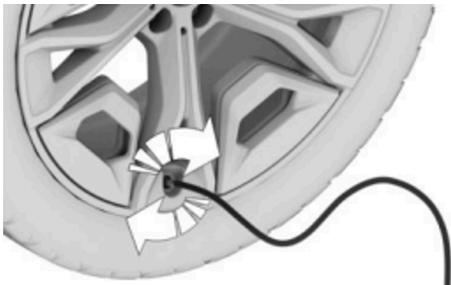
Safety measures

Observe the following safety measures when using the Tyre Repair Kit Plus:

- Park the vehicle at a safe distance from traffic, on firm, non-slippery ground.
- Switch on the hazard warning lights.
- Apply the parking brake.
- Lock the steering wheel with the wheels in the straight-ahead position.
- As soon as traffic conditions permit, have all passengers exit the vehicle and move them out of the danger zone, for example to behind the safety barrier.
- If necessary, set up the warning triangle or flashing warning light at an appropriate distance.
- Remove the speed limit warning sticker from the Tyre Repair Kit Plus and affix it in a clearly visible spot inside the cabin.

Preparing the Tyre Repair Kit Plus

1. Unwind the filler hose from the Tyre Repair Kit Plus.
2. Unscrew the valve cap from the tyre.
3. Screw the connector of the filler hose clockwise onto the tyre valve.



Operation



If the Tyre Repair Kit Plus is not properly secured to the wheel, it may come loose while driving and cause an accident. There is a risk of injury and property damage. Use the Tyre Repair Kit Plus while driving only if the car is fitted with original wheels and wheel bolts from the car's manufacturer. ▲

1. To attach the Tyre Repair Kit Plus to the centre of the wheel, insert the magnetic feet into the wheel bolt holes and the guide pins into the smaller holes between them.



2. Push the device fully into the holes until you hear it magnetically connect to the wheel bolts.
3. Switch on the Tyre Repair Kit Plus
4. Read the current tyre pressure from the vehicle's central display. If the minimum tyre pressure of 1.0 bar is not reached, continuing with driving is not permitted. Contact an authorised service partner, another qualified service provider, or a specialist workshop.
5. Only resume driving once a tyre pressure of at least 1.0 bar has been reached. The Tyre Repair Kit Plus switches off automatically when a tyre pressure of 2.0 bar is reached. If the tyre pressure drops again, the Tyre Repair Kit Plus will automatically re-inflate the tyre. Drive cautiously and do not exceed a speed of 80 km/h.
6. Contact an authorised service partner or another qualified service provider as soon as possible to remove the Tyre Repair Kit Plus and replace the damaged tyre.

Do not exceed a maximum driving range of 200 km.

- Do not continue driving if the tyre pressure drops below 1.0 bar. Contact an authorised service partner, another qualified service provider, or a specialist workshop.
- Replace the Tyre Repair Kit Plus.

Operation while stationary

If the Tyre Repair Kit Plus cannot be mounted to the wheel, for example, when snow chains are fitted, proceed as follows:

- After connecting the filler hose to the tyre valve, switch on the Tyre Repair Kit Plus. Hold the Tyre Repair Kit Plus in your hand during the filling process.
- The Tyre Repair Kit Plus will automatically switch off once the tyre pressure reaches 2.0 bar. If 2.0 bar is not reached within 15 minutes, switch off the device. Contact an authorised service partner, another qualified service provider, or a specialist workshop.
- Switch off and store the Tyre Repair Kit Plus.
- Screw the valve cap back onto the valve.
- Start driving.
Drive cautiously and do not exceed a speed of 80 km/h.
- After starting to drive, continue to monitor the tyre pressure for around 15 minutes or 10 km to check if it drops.
Do not continue driving if the tyre pressure falls below 1.2 bar. Contact an authorised service partner, another qualified service provider, or a specialist workshop.

Replace the faulty tyre and the Tyre Repair Kit Plus.

Carry out the tyre change within the next 200 km.

Charging the Tyre Repair Kit Plus

Even when switched off, the integrated battery of the Tyre Repair Kit Plus naturally discharges over time, due to its system design.

The vehicle manufacturer recommends checking the charge status of the Tyre Repair Kit Plus regularly, at least every two years.

To check the charge status, press the switch located next to the USB port on the back of the device.

The LED integrated into the switch will light up in the appropriate colour:

Colour	Meaning
Green	The Tyre Repair Kit Plus is sufficiently charged and ready for use.
Red	The battery charge of the Tyre Repair Kit Plus is low. It cannot be guaranteed that the kit is fit for use.

Malfunction

Using tyre sealant can damage the wheel's air pressure sensor. If the vehicle is equipped with tyre pressure monitoring, have any damaged air pressure sensors replaced.

Disposal information

This product contains a built-in, non-replaceable lithium battery and must not be disposed of with household waste after its service life. As an end user, you are obliged to return it in accordance with EU Battery Regulation 2023/1542/EU. After use, the product can be returned free of charge to the retailer, manufacturer, or a designated collection point.



Once the device has been properly decommissioned, have it disposed of by a service provider.



Disposal information

The crossed-out waste bin symbol indicates that electrical and electronic equipment, including accessories, must be disposed of separately from general household waste. Information about this is provided on the product, in the instructions for use or on the packaging. The materials are recyclable as indicated by their labelling. By reusing, recycling, or otherwise recovering old devices, you make an important contribution to protecting our environment.

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