

BBS Wheel Security System Racing Lug Nut Kit Instruction manual



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written in other languages.

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Manufacturer: McGard Japan G.K.
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Saitama City, Saitama Prefecture, 330-0081, Japan
TEL: +81-48-600-6070 (Customer Service)
FAX: +81-48-601-2090

For customers who have purchased BBS products

Dear customer, Thank you very much for purchasing the BBS product.
Please read this installation manual carefully before use and continue proper use for a long life of the product.

⚠ IMPORTANT

Please read this section before use.

*Improper handling may result in failures or physical damage.

Ⓞ Never use an impact wrench.



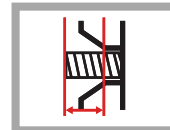
Be sure to use a torque wrench for installation and removal. The key portion may break. (Do not tighten the parts using an L-shaped wrench or cross wrench by hand, as this may result in over-torque and breakage of the product.) Please refer to the vehicle's owner's manual for the tightening torques.

Ⓞ Do not use lubricants.



Do not apply lubricant to nuts/bolts. It may cause the nuts/bolts to drop or get stuck. Also, do not use chemical substances such as wheel cleaning agent.

Ⓞ Check whether the screw engagement is sufficient.



Check whether there is sufficient screw engagement of nuts and bolts. Insufficient engagement may result in breakage of the product. (Do not use spacers.)

Ⓞ Be careful of the installation order of the lock nut/bolt.

Among the nuts/bolts on a wheel, the lock nut/bolt should be installed last when installing, and removed first when removing.

Ⓞ Use one lock for each wheel.

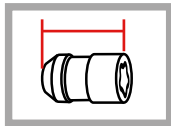
One set of this product is for one vehicle. Use one lock nut/bolt for each wheel.

⚠ NOTICE

Be sure to read this section before purchase.

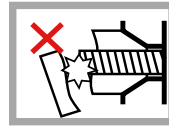
*This product may not be compatible with your vehicle

Ⓞ Check whether the overall length of the nut/bolt is excessively long.



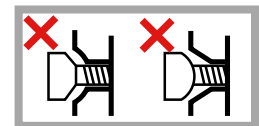
If the overall length of the nut is excessively long and protrudes from the vehicle fender or wheel, it does not or may not meet the vehicle inspection standards. If the overall length of the bolt is excessively long, the tip of the bolt may come into contact with other parts of the vehicle.

Ⓞ Check whether the length of the threaded portion is appropriate.



Check that the screw engagement is sufficient. For nuts, ensure that the threaded hole depth is sufficiently greater than the length of the protruding hub bolt. If the screw hole depth is insufficient, the inner portion of the nut will come into contact with the hub bolt and may cause breakage of the nut.

Ⓞ Be sure to check the seating surface configurations.



Be sure to check the nut/bolt and aluminum wheel seating surface (seat) configuration. Mismatch between the wheel and nut/bolt seating surface configurations may result in breakage. (All seating configurations of this product are 60-degree tapered.)

One year product warranty

The product is warranted against defects due to manufacturing reasons for a period of one year from the date of original purchase. If you find that the product is suspected to be defective due to manufacturing reasons, bring the complete set of the product together with the proof of the date of purchase (such as a receipt), and contact BBS Japan Co., Ltd. via the distributor where you purchased the product. After confirmation, if it is determined that the defect is due to manufacturing reasons, we will replace the product or part of the product free of charge. However, please note that the warranty may not apply even within one year after purchase if any of the following applies.

- If the instructions in this manual haven't followed.
- If the product was neglected for an extended period, leading to corrosion due to extreme weather or chemical exposure, or rust caused by nut/bolt deformation.
- Rust in the lock nut/bolt key pattern groove
- Rust in a nut/bolt threaded hole
- Damage occurred due to disassembly, modification, or forceful removal
- If it can't be proved that the purchase date is within one year.

Other disclaimers

This product does not guarantee prevention of tire and wheel theft. BBS Japan Co., Ltd. and McGard Japan G.K. shall not be liable in the event of theft, regardless of whether or not the product has a failure.

Product warranty coverage

The above warranty is limited to repair or replacement of this product only. BBS Japan Co., Ltd. and McGard Japan G.K. shall not be liable for any other damages, including those to other parts, resulting from the use of this product. This warranty is only valid for the product purchased from an authorized BBS Japan Co., Ltd. distributor.

Disclaimer of warranty liability

BBS Japan Co., Ltd. and McGard Japan G.K. shall not be liable for any failures of the product other than the obligations stipulated in this manual.

Ordering Spare Key Adapter

McGard Japan
Lock Control Center

Porte Koike Bldg. 7F, 5-2 Shintoshin, Chuo-ward, Saitama City, Saitama Prefecture, 330-0081
TEL: +81-48-600-6070 (Weekdays 9:00 to 16:00) FAX: +81-48-601-2090
E-mail: info.japan@mcgard.jp Website: <https://mcgard.jp/>



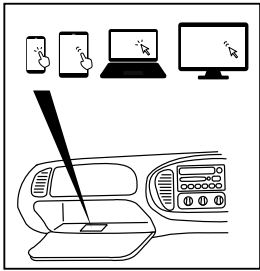
*Please have the attached key code label ready in advance. *The procedure for reordering key adapters is also available on the McGard website.

Nut products installation procedure

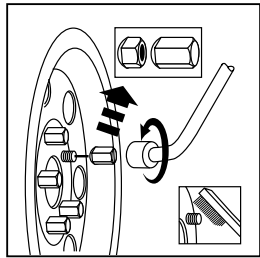
Before installation, carefully read the following procedures and IMPORTANT and NOTICE sections stated on the back side.

Applicable products

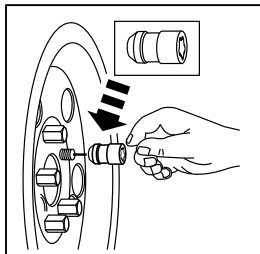
- Security system (nut)
- Racing lug nut kit
- Installation kit Nut set



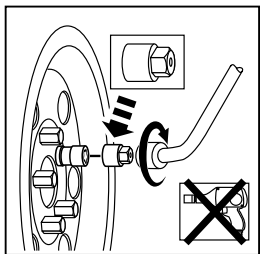
- 1** The key code card included with the product is necessary for reissuing a spare key. Please keep it safely together with your vehicle inspection certificate.



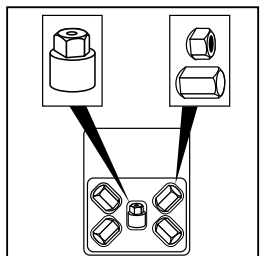
- 2** When a center cap is mounted, remove it, and then remove one lug nut. If rust has formed on the surface of the hub bolt, remove it in advance with a wire brush or a similar tool.
- 3** Compare the removed nut with the nut of this product to see whether the nut is appropriate. Use of improper nuts may lead to breakage of the nuts, wheels, etc., and result in serious accidents.



- 4** Install the nut of this product by turning it by hand in place of the nut removed in step 2. Do not use this product if the screw engagement is insufficient.
- *Do not use lubricants.



- 5** Tighten the nut using a torque wrench. For lock nuts, tighten while making sure that the patterns of the key adapter and nut are engaged with each other all the way to the end. For the installation kit or racing lug nut kit, repeat steps 2 to 5 to replace all wheel nuts. Be sure to install the lock nut after installing all other nuts.
- 6** Repeat steps 2 to 5 to replace all nuts on all four wheels.



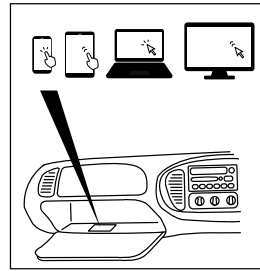
- 7** Place the key adapter, removed nuts, and instruction manual inside the package and store it in a safe place inside the vehicle. After the initial installation, please re-tighten the nuts after driving 100 km.

Bolt products installation procedure

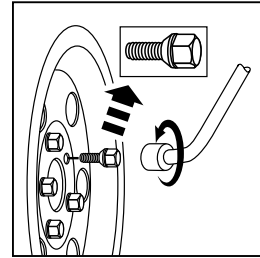
Before installation, carefully read the following procedures and IMPORTANT and NOTICE sections stated on the back side.

Applicable products

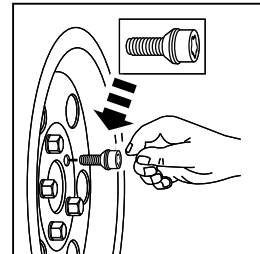
- Security system (bolt)
- Installation kit Bolt type



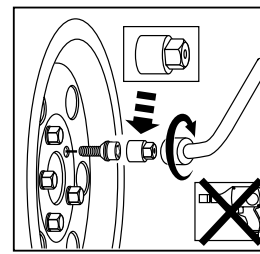
- 1** The key code card included with the product is necessary for reissuing a spare key. Please keep it safely together with your vehicle inspection certificate.



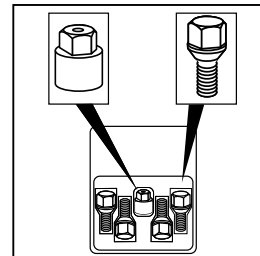
- 2** When a center cap is mounted, remove it, and then remove one lug bolt.
- 3** Compare the removed bolt with the bolt of this product to see whether it is appropriate. Use of improper bolts may lead to breakage of the bolts, wheels, etc., and result in serious accidents.



- 4** Install the bolt of this product by turning it by hand in place of the bolt removed in step 2. Be sure to refrain from using this product if the screw engagement is insufficient.
- *Do not use lubricants.
- *For wheel security system lock bolt
- The spin collar portion on the lock bolt head side surface rotates when a certain amount of torque is applied, which helps to theft prevention.
 - It may be difficult or impossible to rotate it by the force of hands, but this does not affect the product performances.



- 5** Tighten the bolts using a torque wrench. When tightening the bolts, make sure that the key adapter and lock bolt patterns are engaged with each other all the way to the end. For the installation kit, repeat steps 2 to 5 to replace all wheel bolts. Be sure to install the lock bolt after installing all other nuts.
- 6** Repeat steps 2 to 5 to replace all bolts on all four wheels.



- 7** After tightening all the bolts, check that the tips of the bolts do not interfere with any parts of the vehicle while driving. Do not use the product if there is any risk of interference. Place the key adapter, removed bolts, and instruction manual in the package and store them in a safe place inside the vehicle. After the initial installation, please re-tighten the bolts after driving 100 km.