



# INSTALLATION GUIDE

MISHIMOTO & BORNE OFF-ROAD WHEEL SPACERS

SKU: MMWS- & BNWS-

## TABLE OF CONTENTS

**Pg 1** RESOURCES & CONTACT INFORMATION

**Pg 2** INSTALLATION INSTRUCTIONS

**Pg 3** DISPOSAL INSTRUCTIONS  
WARRANTY INFORMATION

## RESOURCES & CONTACT



**CALL 1-877-GOMISHI**

CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST



**MISHIMOTO**



**GOMISHIMOTO**



**MISHIMOTO**



**WEBSITE**

[WWW.MISHIMOTO.COM](http://WWW.MISHIMOTO.COM)



**ENGINEERING BLOG**

[WWW.MISHIMOTO.COM/ENGINEERING](http://WWW.MISHIMOTO.COM/ENGINEERING)

## IMPORTANT SAFETY INFORMATION

- › Mishimoto recommends you use safety glasses and protective gloves during the installation of our products
- › Raise vehicle only on jack stands or on a vehicle lift
- › Allow vehicle to cool completely prior to attempting installation
- › Do not run the engine or drive the vehicle while overheating; serious damage can occur
- › Please dispose of any liquids properly
- › Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products
- › If you need any assistance while installing our products, reach out to our Customer Service Team at 1-877-GOMISHI

## IMPORTANT WARNINGS

01. Wheel spacer (or adapter) must be fully seated and flush with the hub, and the wheel must be fully seated and flush with the spacer (or adapter)
02. Do not use pneumatic or electric impact tools on wheel spacer (or adapters)
03. Do not use anti-seize or other lubricants on any threaded parts, including stud, lug nut, or lug bolt.
04. Do not exceed the vehicle manufacturer's recommended torque specification when tightening the wheel to the wheel spacer (or adapter).
05. Check and re-torque wheel spacer (or adapter) at every tire rotation maintenance

## INSTALLATION INSTRUCTIONS

01. Remove the wheel.
02. Clean the mating surfaces of the hub and the wheel with a wire brush if needed.

03. Place wheel spacer on the hub, ensure that the spacer is fully seated and flush with the hub.
04. Use provided lug nuts or lug bolts to fasten the wheel spacer to the hub. Carefully turn the nuts or bolts by hand first to avoid cross-threading, then snug them down with hand tools in a star pattern.
05. Use a torque wrench to tighten the wheel spacer fasteners to the manufacturer's recommended torque specification in a star pattern.
06. Install the wheel onto the wheel spacer, ensure the wheel is fully seated and flush with the spacer.
07. Secure the wheel with the original lug nuts or lug bolts. Carefully turn the nuts or bolts by hand first to avoid cross-threading, then snug them down with hand tools in a star pattern.
08. Use a torque wrench to tighten the wheel fasteners to the vehicle manufacturer's recommend torque specification in a star pattern. Do not exceed the recommended torque specification.
09. Go for a 3 to 5-mile test drive, making a few left and right turns. Then, remove wheels and repeat step 5.
10. Repeat steps 6-8 to re-install the wheel.
11. Re-check the wheel lug nut or lug bolt torque after 25 miles.



**Congratulations! You have completed your installation.**

***\*For Disposal Instructions, and Warranty Information continue to the following page.***

## DISPOSAL INSTRUCTIONS

- ▶ Do not dispose of any product as unsorted municipal waste. Use separate collection facilities. Contact your local authority for information regarding the collection systems available.
- ▶ Never improperly dispose of any coolant, oil, or other chemicals.

## WARRANTY INFORMATION



- ▶ All claims must be accompanied with a picture of the Mishimoto product showing the issue for which the claim is being submitted.
- ▶ Mishimoto asks that the customer inspect their purchased item for any damage immediately upon arrival.
- ▶ Any product deemed dead on arrival (DOA) must be claimed within 14 business days of delivery. Claims outside of this time frame will not be covered under the Mishimoto Lifetime Warranty.
- ▶ This warranty does not include payment and/or reimbursement of the cost of labor in connection with the removal of any product returned pursuant to the warranty policy or in connection with the installation of any replacement items provided under the warranty policy.
- ▶ Mishimoto has the right to refuse a claim at any time.

- ▶ When Mishimoto accepts a claim, Mishimoto retains full discretion to choose if it will: (i) repair or replace purchaser's original Mishimoto product; (ii) replace purchaser's original Mishimoto product with the most current available model; or (iii) provide the purchaser with a gift card redeemable on [Mishimoto.com](https://www.mishimoto.com) in the amount of the original purchase price of the original Mishimoto product. The provision of a replacement of a Mishimoto product is subject to availability and Mishimoto retains the right to substitute any warranty claim item with a comparable item or credit at any time.
- ▶ If Mishimoto determines that it will provide a replacement item in connection with a claim under this warranty policy, and such item is out of stock, Mishimoto will place the customer on backorder and ship the replacement product to the purchaser once it becomes available.
- ▶ Mishimoto is not liable for incorrect shipments in connection with a claim if a claim form is completed incorrectly, or if a model number is not included in a claim.
- ▶ If you have a vehicle equipped with an automatic transmission, please make sure to specify this within the text box on the claim form. Mishimoto is not responsible for incorrect replacement shipments if transmission type is not indicated.



**WARNING**  
Cancer and  
Reproductive Harm  
[www.P65Warnings.ca.gov](https://www.P65Warnings.ca.gov)

This product can expose you to chemicals which are known to the state of California to cause cancer. For more information visit: [www.p65warnings.ca.gov](https://www.p65warnings.ca.gov)