



 **ROTOBOX** ***BOOST***

USER MANUAL

DEAR USER, WELCOME TO EVOLUTION OF CARBON WHEELS!

Thank you for purchasing ROTOBIX BOOST Carbon Fiber Wheels for your motorcycle.

The product that you now have in your hands is pure racing breed, offering you outstanding performance and reliability.

Before mounting the wheels on your motorcycle, read this user manual carefully and keep it handy for future reference.

This user manual covers the Rotobox BOOST model wheels. Displayed images of the wheel and hubs are exemplary and may differ from colors and hubs on your wheel. The specifications of the wheel and its accessories described in this user manual are subject to change without any notice. The wheels are one part of your motorcycle, therefore a Service Manual of your model motorcycle is required for proper installation.

ENJOY
YOUR
RIDE!

GET READY FOR **FAST START**

ASSEMBLING COMPONENTS

Carbon fiber composite rim, a one-piece hollow carbon cast, reinforced with stainless steel wire and UV protected; 7075 T6 aluminium alloy hubs, spacers and sprocket carrier (only with rear symmetric wheel), machined from solid and hard anodized; polyurethane cushion drive set; SKF bearings; aluminium valve stem.

PRODUCT QUALITY CONTROL

Your Rotobox wheel has its own Serial Number to track the production history. We confirm to have performed quality verification procedure of your Rotobox wheel.

CONTROL OF ACCURACY



CONTROL OF AIR LEAKAGE



CONTROL OF FINAL FINISH



We reserve the right for minor aesthetical irregularities on carbon cast as it is mainly handcrafted.

TECHNICAL SPECIFICATIONS AND LIMITATIONS

	FRONT BOOST WHEEL	REAR CONVEX BOOST WHEEL	REAR SYMMETRIC BOOST WHEEL
DIMENSION	17" X 3.50"	17" X 6.00"	17" X 6.00"
WEIGHT	2.58KG 5.68LBS	2.93KG 6.45LBS	4.11KG 9.06LBS
MAX PERMISSIBLE STATIC LOAD*	180 KG / 400 LBS	280 KG / 617 LBS	280 KG / 617 LBS

MAX PERMISSIBLE OPERATING TEMPERATURE OF THE WHEEL: 100°C / 212 F
MAX PERMISSIBLE PRESSURE OF TIRE ON THE WHEEL: 4 BAR / 58 PSI

CERTIFICATION: Wheels conform to JWL standard JASO T203-85.
Before riding on public roads, make sure about conformity with your local regulations.

*Static weighing of axle load of vehicle with fluids, luggage and passengers.

INSTALL INSTRUCTIONS

INSTALL ONLY WHEELS AND ITS ACCESSORIES APPROVED FROM ROTOBX FOR YOUR MODEL MOTORCYCLE. MISMATCHING WHEEL OR ACCESSORIES CAN CAUSE LOSS OF CONTROL, WHICH COULD RESULT IN DEATH OR SERIOUS INJURY. FOR MODEL FITMENT INFORMATION OR VERIFICATION, CONTACT ROTOBX SERVICE CENTRE.

COMPATIBILITY

The wheel is designed for direct replacement of original equipped wheel. Except for rear symmetric wheel which use specific sprocket, 5-hole M10 PCD 100mm ID 76mm.

- Mounting and dismounting of wheel is professional intervention to your motorcycle and shall be done in a mechanical workshop or equivalent place, having necessary tools and indispensable technical skills, and
- carried out by motorcycle mechanic.

Rotobox can not be held responsible for any damage to the wheel, vehicle, other property or injury to persons, if the instructions for mounting, usage and maintenance are not followed exactly.

INSTALL INSTRUCTIONS

STEP 1
Put your motorcycle on the stands and remove existing wheel assembly. Refer to Service Manual of your model motorcycle.

STEP 2 (NOT FOR REAR CONVEX BOOST WHEEL)

Take existing brake disc(s) and ABS disc (if any) and mount it to the BOOST wheel, using existing bolts. Mount a new sprocket (separately purchased) on BOOST sprocket carrier, using supplied bolts.

STEP 3
Mount a required new tire (separately purchased) to the BOOST wheel, using mechanical mounting machine. Make sure the tire will be rotating the correct way. **Use plastic protectors on tire mounting tools and rim clamps!**

NOTICE: Do not exceed 4 BAR (58 PSI) pressure of rim clamps. When mounting tire, liberally use tire lube on the wheel and tire, then inflate to 3 BAR (44 PSI) , so that the tire sits to its place. Balance the wheel.

STEP 4
Assemble BOOST wheel spacers as shown in Figure 1 or Figure 2. See label on the wheel to determine correct direction of rotation. Use L spacers for left side (Detail 1) and R spacers for right side (Detail 2). Rear convex BOOST wheel comes without any of accessories (Figure 3), except for version of 5-bolt hub application, use supplied nuts.

STEP 5
Install the wheel to your motorcycle. Refer to Service Manual of your model motorcycle. After installing, rotate the wheel and make sure it spins smoothly. Put your motorcycle off the stands and take a ride.

TORQUE SPECIFICATION
Use 60 Nm / 45 Ftlb torque to tighten the bolts on sprocket carrier. Refer to Service Manual of your model motorcycle for torque specification for rotor bolts, for brake and ABS disc bolts, and for axle nut.

FIGURE 1: ASSEMBLY OF FRONT BOOST WHEEL WITH ACCESSORIES



FIGURE 2: ASSEMBLY OF REAR SYMMETRIC BOOST WHEEL WITH ACCESSORIES



FIGURE 3: ASSEMBLY OF REAR CONVEX BOOST WHEEL WITH ACCESSORIES



CLEANING AND MAINTENANCE

Clean the wheels with soft cloth and soapy water. For heavily soiled surfaces use mild degreaser. Do not use petroleum or alcohol based products, or abrasive cleaners. Use polish products for painted surfaces.

To maintain performance use only wheels and accessories specified and approved from Rotobox for your model motorcycle. For replacement parts, contact Rotobox Service Centre. Refer all servicing to qualified service personnel. Servicing is required when the wheel has been damaged in any way. Check and control air pressure weekly in your riding season. Make visible control of wheel assembly.

Rotobox company warrants to the original purchaser this wheel to be free of manufacturing defects in materials and workmanship for a period of two (2) years from the date of purchase. In the event warranty service is required, contact Rotobox Service Centre with precise description of failure and copy of invoice. See entire Warranty policy available online at www.rotobox-wheels.com.

ROTOBOX IS HERE FOR YOU TO DELIVER YOU VERY BEST OF COMFORT AND PERFORMANCE EVERY TIME YOU GO FOR A RIDE!



PRODUCER

ROTOBOX, DIVERSE D.O.O.
Cesta Leona Dobrotinska 8
3230 Sentjur SLOVENIA

ROTOBOX SERVICE CENTRE

Contact Email: info@rotoibox-wheels.com
or contact your local ROTOBOX Dealer
www.rotoibox-wheels.com

