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Wind Deflector Installation and Operation Manual

This document complies with the IEC/IEEE 82079-1:2019 standard for the preparation of information for use of products
Revision 04 — Released February 2025

Model **MC100AA01**
Original instructions in American English



A video of how to install the [Wind Deflector is available online](#)

Always check for the latest revision of the Wind Deflector Operation Manual on the [product page](#)

The Wind Deflector is designed, engineered, and manufactured by de Byl Technologies LLC in New Hampshire, USA (Made in USA)



IMPORTANT SAFETY INSTRUCTIONS, SAVE THESE INSTRUCTIONS! Read the entire contents of this manual before installing, operating, or repairing the product. Failure to follow the instructions and safety precautions in this manual can result in respiratory injuries or damage to the motorcycle. Ensure all installers and operators, including resales, read this manual. Keep the manual available whenever interacting with the product (installation, usage, repair, etc.). **By proceeding with setup and operation, you agree you fully understand the contents of this manual and assume full responsibility for product use (including misuse).**

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1 General

1.1 Manual

Wind Deflector, Installation and Operation Manual, Revision 03, Released February 2025

1.2 Copyright

Copyright © 2025 by de Byl Technologies LLC. All rights reserved. You may make copies of this document if you agree that:

- You will give full attribution is given to de Byl Technologies LLC
- You will not make any changes to any of the content in this manual
- You do not gain any rights to this content
- You will not use the copies for commercial (resale, etc.) purposes

1.3 Intended Use

This product is only designed to work with Moto Guzzi V85TT motorcycles. Installation or use on any other motorcycle make or model is prohibited. The owner is responsible for any liability in the misuse of this product or any of its parts. This product is designed only to improve rider comfort by reducing oncoming turbulent winds which cause buffeting, and therefore neither provides nor inhibits safety of motorcycle operation. Please see the [Fitment section](#) for a comprehensive list of guaranteed motorcycles for fitment of this product.

1.4 Limitations

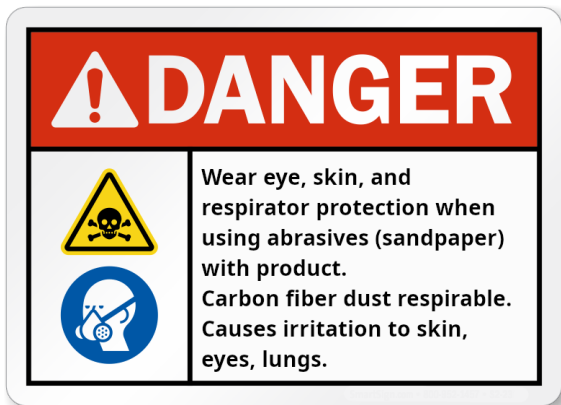
Every effort has been made to ensure complete and accurate instructions are included in this manual. However, product updates, revisions, and/or changes may have occurred since this manual was published. de Byl Technologies reserves the right to change any information in this manual without incurring any obligation for parts previously or subsequently sold. de Byl Technologies is not responsible for typographical errors in this manual. The latest version of the manual for this product is [available on the product page](#).

1.5 Warranty

The warranty will always be [available on the product page](#). For issues regarding warranty it is recommended to contact us via email (contact@debyltech.com) or visit [our website's contact form](#).

1.6 Safety

de Byl Technologies guarantees the product is safe for road-use only after the operator has ensured proper installation as documented in this manual (including the installation video). The safety of this product can only be guaranteed by proper installation, maintenance, and care by the owner as detailed in this manual.



⚠ When altering the product with the use of abrasives, it is vital that you equip proper Personal Protective Equipment. This includes, but is not limited to:

- Respirator protection (N95 or better)
- Skin protection from dust
- Eye protection from dust

1.7 Owner Responsibility

As the owner of this motorcycle wind deflector, you are responsible in ensuring its safety, proper installation, maintenance, and disposal. This part is designed to reduce wind noise and turbulence for a more comfortable ride, but it is not a substitute for any safety or protective device. You should always follow the instructions in this manual for installing and adjusting the part, checking it regularly for any signs of loosening, damage, or wear. If the part is damaged, do not attempt to repair it yourself. Contact us at contact@debyltech.com or via our [website's contact form](#).

1.8 Disposal

The wind deflectors sold after February 16th, 2025 contain Polyethylene Terephthalate Glycol (*Polycarbonate prior to February 16th, 2025 and Nylon 6 prior to September 25th, 2023*) infused with 20% (by weight) Carbon Fiber. The bushings are made out of Thermoplastic Polyurethane. Follow these guidelines to safely and responsibly dispose of the parts:

- Do not burn or incinerate the parts, as it can release toxic fumes and particles into the air.
- Do not bury or dump the material in landfills, as it can leach harmful chemicals into the soil and groundwater.
- Do not recycle the material with other plastics, as it can contaminate the recycling stream and reduce the quality of recycled products.
- **Contact your local waste management authority or a specialized recycling company to find out if they accept Polyethylene Terephthalate Glycol (*Polycarbonate prior to February 16th, 2025 and Nylon 6 prior to September 25th, 2023*) plastic infused with carbon fiber and/or Thermoplastic Polyurethane for disposal or recycling.**
- If possible, reuse or repurpose the material for other applications, such as art projects, furniture, or tools.

1.9 Shipping

Your wind deflector was carefully checked prior to shipping. Regardless, it is important that you thoroughly inspect the product and packaging before you attempt installation of the product.

For each quantity ordered, you should find all parts listed under the [Components and Parts](#) section in the shipment. A packing slip is included in every order which includes the items purchased and the order number.

If you discover missing or damaged goods after receiving the shipment, please contact us at contact@debyltech.com or via our [website's contact form](#).

1.10 Liability

de Byl Technologies assumes **no** liability for damages resulting from:

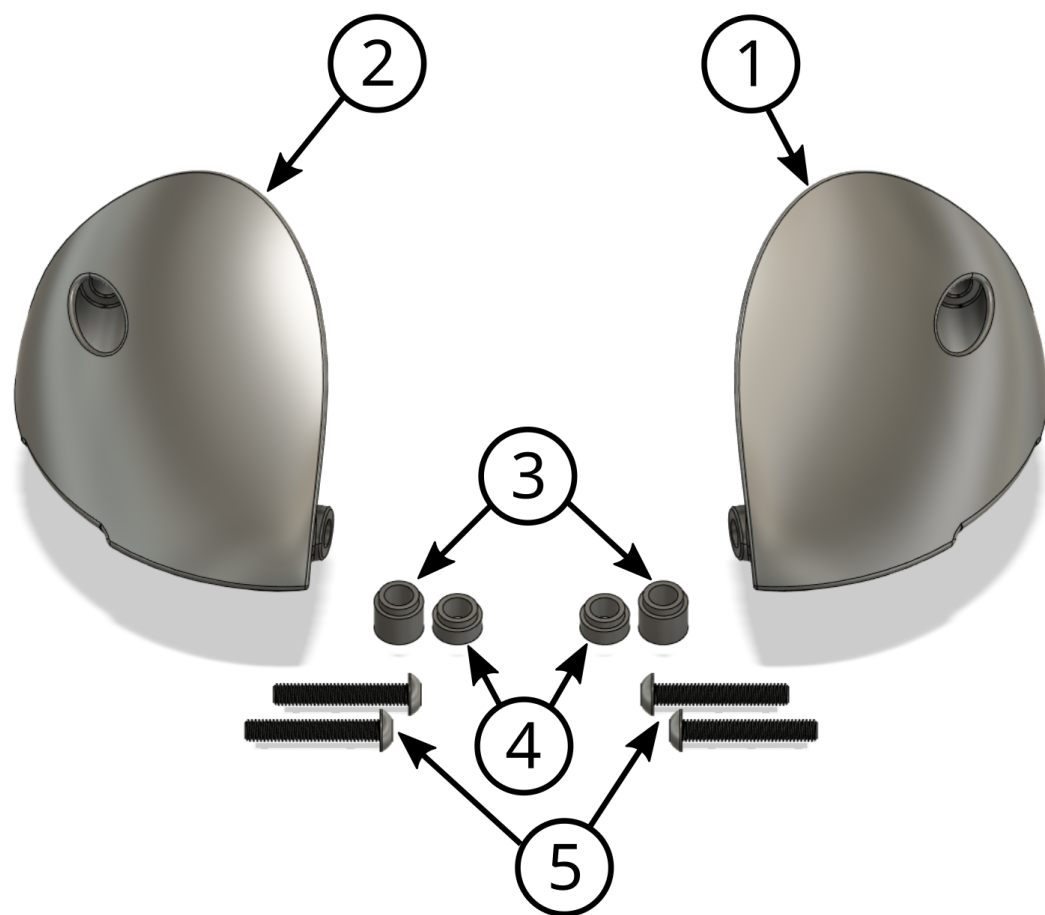
- Use of the product or it's parts for purposes other than those explicitly described in this manual.
- Modification/alteration of the product or it's parts of any kind.
- Injury or illness caused by alteration of the product or improper disposal.
- Incorrect installation or maintenance of the product or it's parts.

2 Fitment

The Wind Deflectors are designed to fit only with the following motorcycles. Fitment on other models is neither implied nor guaranteed.

Year	Make	Model
2022	Moto Guzzi	V85 TT Adventure E5
2022	Moto Guzzi	V85 TT Centenario E5
2022	Moto Guzzi	V85 TT E5
2022	Moto Guzzi	V85 TT Guardia d Onore E5
2022	Moto Guzzi	V85 TT Travel E5
2021	Moto Guzzi	V85 TT Adventure E4
2021	Moto Guzzi	V85 TT Adventure E5
2021	Moto Guzzi	V85 TT Centenario E5
2021	Moto Guzzi	V85 TT E4
2021	Moto Guzzi	V85 TT E5
2021	Moto Guzzi	V85 TT Travel E4
2021	Moto Guzzi	V85 TT Travel E5
2020	Moto Guzzi	V85 TT
2020	Moto Guzzi	V85 TT Adventure
2019	Moto Guzzi	V85 TT
2019	Moto Guzzi	V85 TT Adventure

3 Components and Parts



Number	Quantity	Description	Manufacturer Number
1	1	Wind Deflector (left)	MC100AA01-L
2	1	Wind Deflector (right)	MC100AA01-R
3	2	8mm Polyurethane Bushing	MC100AA01-B8
4	2	4mm Polyurethane Bushing	MC100AA01-B4
5	4	35mm Steel Screw (SOLD BEFORE JUNE 20, 2023)	McMaster-Carr #91239A236
5	4	35mm Stainless Steel Screw (SOLD AFTER JUNE 20, 2023)	McMaster-Carr #94500A301

4 Installation

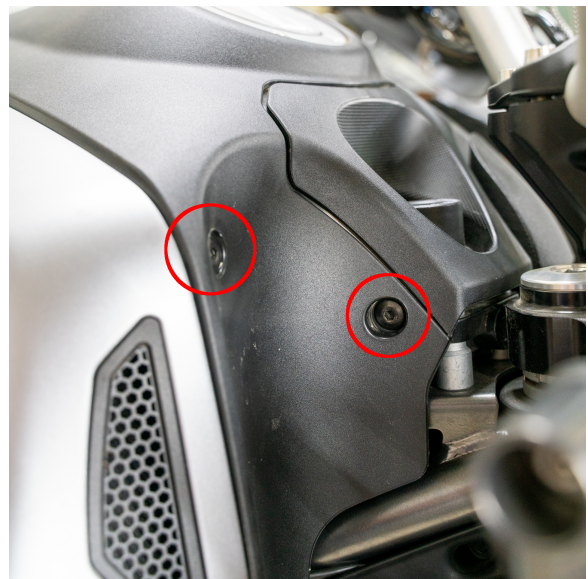
A video of how to install the [Wind Deflector is available online](#). Alternatively, follow these written instructions for proper installation of the Wind Deflectors:

1. Ensure all [Components and Parts](#) came with the shipment and the installer has the required 3mm Allen tool (*not included in shipment*) for installation.

! Blue threadlocker (*not included in shipment*) may be used as part of mounting screw installation if desired.

2. Choose a side of the motorcycle, left or right, and rotate the handlebars **fully** away from the chosen installation side.

3. Choose a side of the motorcycle, left or right, and rotate the handlebars. Remove the original two fasteners with a 4mm Allen tool (*circled in red*). Safely store the original fasteners for safe-keeping and for future factory restoration.



4. Begin by inserting the a 35mm mounting screw into the lower mounting hole of the deflector, then place the larger 8mm bushing on the mounting side for ease of installation.



5. Hold the assembly, ensuring the bushing nor the screw fall out, and align it with the installation location.



6. Fasten the screw with a 3mm Allen tool. Tighten loosely to allow ease of rotation, final tightening occurs later.



7. Tilt the deflector towards the front of the bike.



8. Insert the a 35mm mounting screw into the upper mounting hole of the deflector. Now using the smaller 4mm bushing, hold the 4mm bushing on the mounting side for ease of installation.



9. Tilt the deflector, with the mounting screw and bushing, towards the back of the bike for installation. Using the 3mm Allen tool, thread the mounting screw in and tighten to final tightness (**⚠ hand tighten only, do NOT overtighten**)



10. Return to the lower mounting screw and, using the 3mm Allen tool, tighten to final tightness (**⚠ hand tighten only, do NOT overtighten**)



11. Ensure the bushings do not show signs of over tightening such as being excessively compressed or flaring out.
12. Repeat steps 2 through 11 for other side.

5 Maintenance and Care

To ensure proper safety and operation of the Wind Deflectors for the rider and other users of the road, it is important to check and adjust the deflectors occasionally. We recommend doing so as part of every pre-ride check, or every 1,000 miles (~1,600km).

1. Using a 3mm Allen tool check all fasteners for the Wind Deflector and ensure they are properly tightened (**⚠ hand tighten only, do NOT overtighten**). As part of this, ensure that all fasteners and bushings have not come loose and become lost.
2. Check for signs of any visible damage, or signs of failure on the deflector. Contact us at contact@debyltech.com or via our [website's contact form](#) if any signs of damage or failure(s) are visible!

⚠ WARNING

We strongly recommend against riding with damaged Wind Deflectors or missing parts/fasteners as they may come loose and cause road hazards, or impact the rider during riding. We offer a [Product Warranty](#) which we encourage customers to utilize for replacing damaged or missing parts.