



Suckit SM Installation and Operation Instructions



SUCKIT SM Dust Shoe Assembly & Installation

Important note: To learn all of the Onefinity MASSO controllers capabilities please visit:

<https://www.massoc.com.au/>

Part 1: Unboxing and Components

The Suckit SM Dust Shoe kit includes the following components:

- **Dust Shoe Body:** Two pieces of injection moulded plastic held together with magnets.

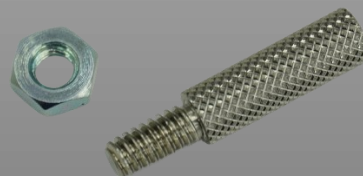


- **Brushes:** Two brushes (one 1 inch and one 2 inch).



- **Brush Rings:** Two magnetic brush rings.

- **Securing Hardware (in re-sealable bag):** A nut and a knurled thumb screw for tightening the dust boot around the spindle.

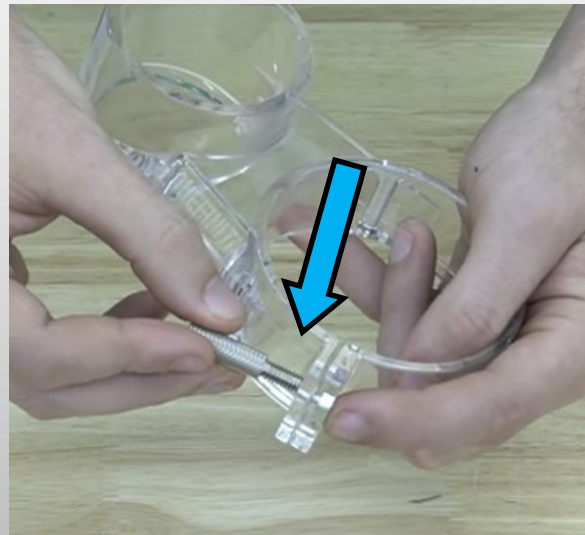


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Part 2: Assembling the Dust Boot Securing Mechanism

1. **Install the Nut:** Install the nut into the hexagonal recess located on the front of the dust boot (Red Arrow Below).
2. **Install the Thumb Screw:** Take the knurled thumb screw and place it through the hole on the back side of the boot, threading it into the nut (Blue Arrow Below).



◦Note: This installed mechanism allows you to simply tighten or loosen the knurled thumb screw to adjust the tension on the dust boot when mounting it.

The system uses two magnetic brush rings so that each brush (1 inch and 2 inch) has its own, making for quick and easy brush changes.

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Part 3: Installing Brushes into the Magnetic Rings

The system uses two magnetic brush rings so that each brush (1 inch and 2 inch) has its own, making for quick and easy brush changes.

1. **Start at the Split:** Begin the installation at the split in the brush ring.
2. **Seat the Brush:** Work your way around the channel, making sure to push the rubber piece on the brush into that channel until it is well seated.
3. **Repeat:** Complete the installation for both the 1-inch brush and the 2-inch brush into their respective magnetic brush rings.

Step 1.



Step 2.



Step 3.



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Part 4: Final Assembly of Magnetic Components

The components of the boot are attached using pre-installed magnets.

1. **Connect Shoe Body:** Attach the two injection moulded clear pieces of the boot together. They are held in the middle by **four magnets** on each side.



2. **Connect Brush Ring:** Attach the magnetic brush ring (with the installed brush) to the bottom of the boot. The brush ring and the bottom of the boot each have **four magnets** to secure the connection.



Note: The split in the brush ring is designed to make it easy to swap between the one and 2-inch brushes for longer versus shorter bits, and also makes it easy to take off the assembly with a bit already in the spindle.

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Part 5: Installing the Dust Boot onto the Spindle

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<https://>

1. **Loosen the Thumb Screw:** Loosen the knurled thumb screw to open up the clamping mechanism on the boot.



2. **Slide Over Spindle:** Slide the boot over your spindle body.



Do not tighten the knurled thumb screw at this stage, as you will need to adjust the height first.

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3. **Install Center Portion:** Utilizing the pre-installed magnets, install the center portion of the boot.



4. **Install Brush Ring:** Install the brush ring by spreading it open so that it clears the bit.



5. **Set Height:** Set the height for the boot by shimmying it down the spindle until the brushes stick out the **same distance as the bit**.



6. **Tighten Securely:** With the height set correctly, go back to the knurled thumb screw and tighten it in place.

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CRITICAL NOTE: It is important that the boot **must be perpendicular to the X rail**. If the boot is not installed in this orientation, it may rub on the bottom of the Z20 slider.

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Part 6: Optional Dust Port Adapter Installation

The Suckit SM dust boot comes standard with a 2.5 inch dust port, but 3D printable adapters are provided by Onefinity for the most common hose sizes.

1. **Slide Adapter:** To install an adapter, simply slide it over the top of the existing 2 and 1/2 inch port on the boot.
2. **Insert Hose:** Insert your hose into the top of the adapter.



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FORUM.ONEFINITYCNC.COM



Onefinity Warranty Policy



trend[®]
tool technology



ONEFINITY

One Machine Infinite Possibilities

ONEFINITY ELITE 12-MONTH LIMITED WARRANTY

PLEASE SEE REVERSE SIDE FOR DETAILS

1. Kirbre Enterprises Inc. (“**Kirbre**”, “**us**”, “**we**”, “**our**”) warrants the Onefinity CNC machine (“**One nity CNC**”) to be free from defects in workmanship and materials for a period of twelve (12) months from the original shipment date when used in accordance with the Onefinity CNC Owner’s Manual. Warranty repairs may require you to install a replacement part provided by Kirbre or, at Kirbre’s discretion, require you to return the Onefinity CNC for warranty service. The Onefinity Limited Warranty is limited to the repair of the Onefinity CNC with new or refurbished parts for any defect in material or workmanship and when applicable, at our discretion, to the exchange of your warranted Onefinity CNC for a new or refurbished Onefinity CNC of equal or greater value.

2. **Verification and Return.** Such repair or replacement is subject to verification of the defect or malfunction and proof of purchase as confirmed by showing the Onefinity CNC model number on the original dated sales receipt. If we conclude shipping is necessary we will provide you with a shipping label. You are solely responsible for all shipping and handling fees as well as VAT, import duties, any applicable taxes, and other related fees (collectively “**Import Costs**”) you may be required to pay when shipping the Onefinity CNC to us, and we will not assume any responsibility for any payments relating thereto (including but not limited to brokerage fees, storage fees, etc.). You are solely responsible for any damage to the Onefinity CNC during shipping, so please ensure packaging of the Onefinity CNC follows the instructions provided in Section 3, “Returns”, of our Shipping and Returns Policy. Any additional costs incurred for transportation or removal of your Onefinity CNC are not covered by this Limited Warranty. For all valid warranty repairs, Onefinity will pay for return shipping to you excluding any Import Costs. If your machine does not qualify for warranty repair, then you will be required to pay for all shipping related costs to and from Kirbre including any Import Costs.

3. **WARRANTY LIMITATIONS.** This warranty does not cover repairs for:

- * Onefinity CNC used for commercial purposes or used in any manner for which the product was not intended, such as use in rental or contract trade
- * Onefinity CNC damaged as a result of incorrect or inadequate maintenance or care
- * Damages resulting from misuse, abuse, negligence, accidents or shipping damage
- * Damages that are the result of normal wear and tear
- * Damages incurred during transportation
- * Damages incurred during assembly or maintenance
- * Damages that are determined to be from repairs made by third parties not authorized by Kirbre

Without limiting the generality of the foregoing, this warranty will be void and no warranty coverage will be provided if you do any of the following:

install any firmware in the Onefinity CNC which is not specifically issued or authorized by Kirbre; make any change or modification to the electronics or computer components of the Onefinity CNC; attach any peripherals or accessories to the electronics or computer components of the Onefinity CNC that have not been specifically issued or authorized by Kirbre; use or attempt to use the Onefinity CNC and/or its electronics or computer components to control or move any device or object not specifically issued or authorized by Kirbre; or if the Onefinity CNC’s serial number has been removed or altered.

4. **Obtaining Service.** To obtain warranty service, first email Onefinity at support@onefinity.com and include your order number, contact info along with a brief explanation of the issue you are having. Once your email is received someone on our team will contact you by email to conduct a warranty diagnosis. You may be required to provide pictures and/or video of the claimed defect. If we cannot determine from the warranty diagnosis whether your Onefinity CNC qualifies for warranty repair we may require you to return the Onefinity CNC to

Contact Us

For questions regarding orders, shipping, or general inquiries, call [1-888-717-4242](tel:1-888-717-4242) or email info@onefinitycnc.com (9am - 3pm, ET Monday-Friday - closed on holidays)

We endeavor to answer each phone call as they comes in. However, we may be on a call with another customer. Please leave us a message and we'll call you back. We will try to call back the same day where possible. All calls will be returned within 24 hours M-F and any calls over holidays or the weekend will be returned the following business day. Our phone representatives are unable to assist with after sales technical machine support. Please email the support team for assistance.

If you have a machine and need technical support, please email support@onefinitycnc.com. If it is determined by our support team that a phone or video call is necessary for troubleshooting, a technician will request to schedule a meeting. This email address handles after sales technical machine support. If your machine isn't working right, start here.

www.onefinitycnc.com

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or Call: 1 888 717 4242



ENVIRONMENTAL PROTECTION 

Recycle raw materials instead of disposing as waste.

Packaging should be sorted for environmental-friendly recycling. Separate collection. This product must not be disposed of with normal household waste.

WARRANTY

All Trend products are guaranteed against any defects in either workmanship or material, except products that have been damaged due to improper use or maintenance.



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