

INSTALLATION INSTRUCTIONS



CORKSPORT Carbon Fiber Engine Cover

*2014-2018 Mazda 3, 2014-2018 Mazda 6 (non-turbo)
2013-2017 Mazda CX-5, 2016-2020 Mazda CX-3*

PART #: AXM-8-83X-1X

Need Help With Your Installation? Call (360)260-CORK



*We absolutely, positively,
deliver - every time.*

CORKSPORT.COM



CORKSPORT Carbon Fiber Engine Cover

2014-2018 Mazda 3, 2014-2018 Mazda 6 (non-turbo)
2013-2017 Mazda CX-5, 2016-2020 Mazda CX-3

PRODUCT DESCRIPTION:

Thank you for purchasing the CorkSport Carbon Fiber Engine Cover. Add a custom touch to the engine bay of your Mazda with the CS carbon engine cover. We replicated the OEM cover's shape out of carbon to give a stylish look with easy fitment. It's available in both woven and forged carbon and with four different CS badge colors so you can really decide what looks best with your build.

Please let us know your feedback of the by submitting a review at: <https://corksport.com/2014-2018-mazda-3-carbon-fiber-engine-cover.html>

PRE-INSTALLATION NOTES:



These instructions were written for reference only and the use of a factory service manual is recommended.



How our instructions work: To best cover all of our customers experience levels, we have included a table of contents/order of operations along with step-by-step instructions.



These instructions were written using a 2018 Mazda 3. Installation on other models is identical



Each carbon fiber engine cover is hand-built, therefore each cover may have slight imperfections such as a wave in the weave, tiny bubbles, and small clear coat blemishes. If not satisfied with your product, contact us!

MATERIALS & TIME:

GENERAL INFO:



Time Est:
<30min



Difficulty:
1/5



CEL:
No

TOOLING LIST:

- 2.5mm Allen Wrench
- Microfiber Towel
- Hands
- Cold Beverage

PARTS LIST:

- One (1) CorkSport Woven Carbon Fiber Engine Cover
- OR
- One (1) CorkSport Forged Carbon Fiber Engine Cover
- One (1) CorkSport Silver CS Name Badge
- OR
- One (1) CorkSport Black CS Name Badge
- OR
- One (1) CorkSport Red CS Name Badge
- OR
- One (1) CorkSport Blue CS Name Badge
- Two (2) M4x0.7x8mm Button Head Screws
- Two (2) M4 12mm OD Washers



ORDER OF OPERATIONS & TABLE OF CONTENTS:

 **OEM ENGINE COVER REMOVAL**
Section 1: OEM Engine Cover Removal Pg. 4

 **CORKSPORT ENGINE COVER INSTALLATION**
Section 2: CorkSport Engine Cover Preparation & Installation Pg. 5-6

DETAILED INSTRUCTIONS:

1. OEM Engine Cover Removal

- a) Open your hood to gain access to your OEM engine cover.
- b) Lift upwards on it from each corner to "pop" it free from the rubber mounting locations. Approximate locations of the mounts shown **circled in red** in **Figure 1a**.
- c) Remove the rubber mounting grommets from the underside of the OEM engine cover. **Circled in blue** in **Figure 1b**. Squeeze them and slide them free from the OEM plastic mounts.

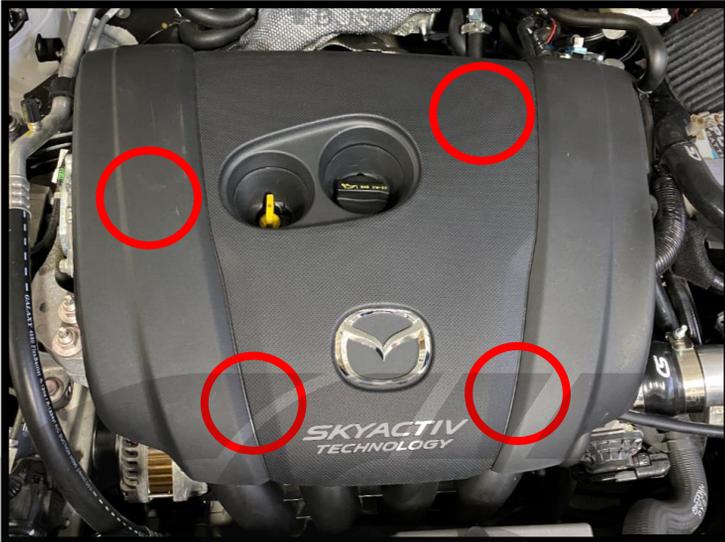


Figure 1a



Figure 1b

DETAILED INSTRUCTIONS:

2. CorkSport Engine Cover Preparation & Installation

- a) Remove the packaging and the four foam covers that protect the mounting points of the CS engine cover. We recommend setting the engine cover on a soft surface like a clean microfiber towel to protect the carbon.
- b) Install the two OEM rubber mounting grommets that were removed in the previous step. **Figure 2a** shows both locations circled in red with one locations already installed.

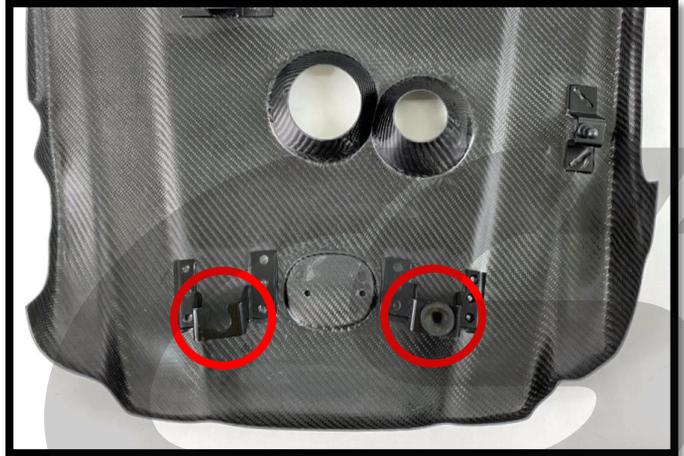


Figure 2a

- c) Install the CS name badge onto to the front of the CorkSport Engine Cover. Use the two supplied screws and washers to secure it to the carbon fiber. Loosely hand thread the screws for now. As shown in **Figure 2b**.



Figure 2b

- d) Center the CS name badge in the "dish" on the carbon engine cover. Once happy with alignment, tighten the two M4 screws until snug using a 2.5mm Allen wrench. Shown tightened in **Figure 2c**.



Do not over tighten the M4 screws, they have dry lock-tite pre-installed. Overtightening can easily damage the threads on the emblem, or worse, crack the carbon fiber.



Figure 2c

DETAILED INSTRUCTIONS:

2. CorkSport Engine Cover Preparation & Installation (cont.)

- a) Line up the CorkSport Carbon Fiber Engine Cover onto the engine using the holes for the dipstick and oil fill.
- b) Once aligned, push the engine cover downward to “pop” the rubber mounting points into place. Push in the approximate locations circled in red in **Figure 2d**. It does not take much effort to secure the engine cover and it can be damaged with excess force.
- c) Clean off any fingerprints using a clean microfiber towel.

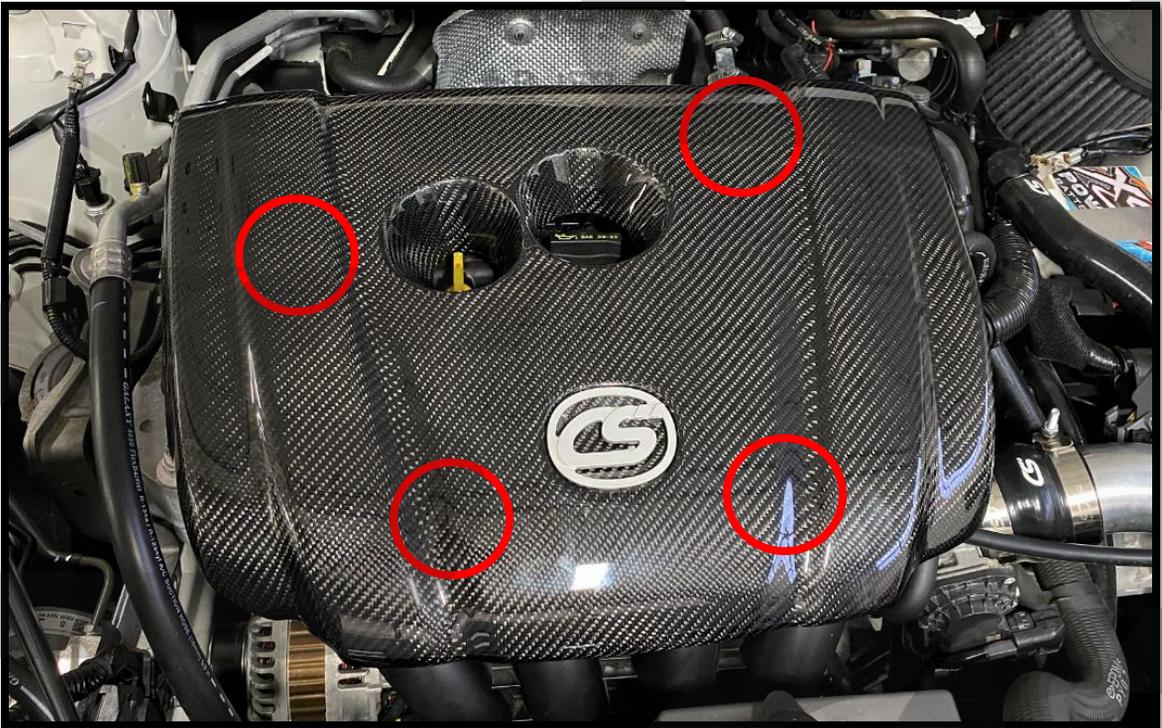


Figure 2d



This completes the installation of your CorkSport Carbon Fiber Engine Cover. Enjoy the stylish new look!

WHAT'S NEXT?

CorkSport 80mm Exhaust

Wake up your 2014-2018 Mazda 3 with the CorkSport 80mm Cat Back Exhaust. The next step up in volume from the existing 60.5mm CorkSport exhaust; the 80mm variant offers a great sounding, loud exhaust that doesn't ruin the daily drivability of the MZ3.

More power, better looks, and a sound that changes a boring daily driver into a fun backroads car all come in an easy to install package. Plus, the large diameter piping future-proofs your ride for upcoming CorkSport parts!



CorkSport Adjustable Rear Swaybar

Remove the tendency to overpower the front tires under hard cornering and minimize traction robbing body lean with the CorkSport Mazda 3 Rear Adjustable Sway Bar. Compressing inside suspension, the CorkSport Mazda3 Rear Sway Bar effectively increases the spring rate on side of the suspension which is compressed most and its adjustability allows you to fine tune the handling. Each Mazda 3 swaybar includes machined 6061-T6 aluminum swaybar brackets which are more durable than the stamped steel design common with other swaybars and look sharp with an anodized black finish.

CorkSport Big Brake Kit

At just over 7lbs, the aluminum CorkSport Mazda Big Brake Kit shaves almost 7lbs of unsprung weight off of each corner of your Mazda, all while adding more stopping power and a much better pedal feel. Crafted from lightweight billet aluminum, the CorkSport calipers use an opposed piston design that is fixed to provide greatly improved pad wear and caliper rigidity compared to the OEM design. Available in 3 anodized colors, this brake system includes everything you need to easily upgrade your stock braking system and includes high strength steel brackets, calipers, stainless steel braided front brake lines, brake pads, all necessary hardware, and one-piece 325mm rotors. Just install and go, no searching for extra parts or ordering additional items.

