

CorkSport
MAZDA PERFORMANCE

HOW TO USE INSTRUCTIONS



CORKSPORT Intake Valve Cleaning Kit

General Application

PART #: GEN-6-993-10

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CORKSPORT Intake Valve Cleaning Tool

General Application

PRODUCT DESCRIPTION:

The CorkSport Intake Valve Cleaning Tool makes cleaning those pesky intake valves on your direct injected engine cleaner and easier. The specially designed silicone attaches to most vacuums and provides a good seal to your vehicle's head to remove media, carbon deposits, or cleaning chemical. The offshoot provides a good path for an air hose or media blaster without having to permanently modify your vacuum hose. Been putting off cleaning your valves? Pick up a CS Valve Cleaning Tool and make the job much easier.

Please let us know your feedback of the by submitting a review at :<https://corksport.com/valve-cleaning-kit-for-mazdaspeed-3-mazdaspeed-6-and-mazda-cx-7.html>

PRE-INSTALLATION NOTES:



Verify that the valves you are cleaning are fully shut before using the CS valve cleaning tool.



These instructions only show how to use the valve cleaning tool. For full detailed instructions on how to remove your intake manifold please see our intake manifold installation instructions: <https://corksport.com/support/instructions/GEN-6-497-WEB.pdf>



For more information on how to clean your intake valves, please see our blog on the topic (link below). Additionally, there are multiple detailed explanations on the various Mazdaspeed forums for extra info. CS blog link: <https://corksport.com/blog/how-to-clean-your-intake-valves/>

MATERIALS & TIME:

GENERAL INFO:



Time Est:
1hr



Difficulty:
1/5



CEL:
No



Warranty:
2-Year

TOOLING LIST:

- Air Compressor
- Wet/Dry Shop Vacuum
- Media Blaster
- Walnut Blasting Media

PARTS LIST:

- One (1) CorkSport Silicone Intake Valve Cleaning Tool
- One (1) 12" section of 3/8" Inside Diameter Tubing
- One (1) Hose Clamp

HOW TO USE INSTRUCTIONS:

1. Using the CS Valve Cleaning Tool

a) Push the large end of the CorkSport Valve Cleaning tool onto your vacuum's hose. Shown in **Figure 1a**.



The CS tool was created to fit a multitude of different vacuum hose sizes. If you desire, you can trim the silicone to better fit your hose size.



Figure 1a

b) Using the supplied clamp, tighten the CS Valve Cleaning tool on your vacuum's hose. This ensures a good seal for the tool and ensures it won't fall off the vacuum while in use. Shown in **Figure 1b**.



Figure 1b

HOW TO USE INSTRUCTIONS:

1. Using the CS Valve Cleaning Tool (continued)

c) Attach the supplied hose to your media blaster nozzle. It should push on with a little force. This will be secure enough without any clamp and easy to remove when you need to refill the media. Shown in **Figure 1c**.



Figure 1c

d) Insert the hose into the offshoot of the CorkSport Valve Cleaning Tool. This is how the tool will be used on your car. Shown in **Figure 1d**.



Other media blaster systems may work with the CorkSport Valve Cleaning Kit.



Figure 1d

HOW TO USE INSTRUCTIONS:

1. Using the CS Valve Cleaning Tool (continued)

e) Connect your media blaster to your air compressor.

f) Place the smaller end of the CS valve cleaning tool against the head of your vehicle's engine. The rubber tube will stick into your intake runner.

g) Turn on your vacuum.

h) Use one hand to steady the CS valve cleaning tool while the other hand operates the media blaster. Shown in **Figure 1e**. The CorkSport Valve Cleaning Tool will suction itself to your head, but its best to steady it.



You can use the media blaster as a basic air spray while vacuuming to help remove media, broken off pieces of carbon, and cleaning chemical.



While media blasting or spraying air, rotate the media blaster and move it in and out for best results.

i) Use as needed until all valves are clean.



Figure 1e