

Performance Installs

CX5-6-102-10 Axle Back Exhaust

Installation Instructions for the CorkSport Performance 80mm Axle Back Exhaust for the Mazda CX-5 2.5L Turbo.

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INTRODUCTION

In this installation guide we have provided step by step instructions to install the CorkSport Performance 80mm Axle Back Exhaust.

Advisory:

- Working under the vehicle requires a safe and sturdy location for the vehicle to sit on jackstands.

TOOLS:

- Hydraulic Jack (1)
- Jack Stand (2)
- 3/8" Drive Ratchet (1)
- 3_8" Torque Wrench (1)
- 14mm Socket - Deep (1)
- 17mm Socket - Deep (1)
- 17mm Wrench (1)
- Exhaust Hanger Pliers (1)
- Silicone Lubricant Spray (1)

PARTS:

- CX5-6-102 80mm Axle Back Exhaust (1)
- M10 x 1.25 Bolts x 35mm Long (2)
- M10 Washer 20 mm OD (4)
- M10 Split Washer (2)
- M10 x 1.25 Nuts (2)
- 80mm two bolt Exhaust Gasket (1)

Step 1 — Getting Started



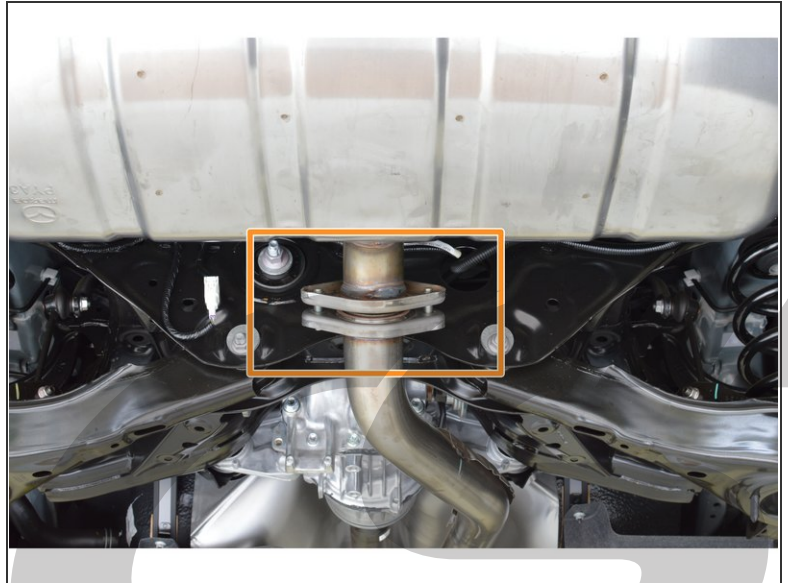
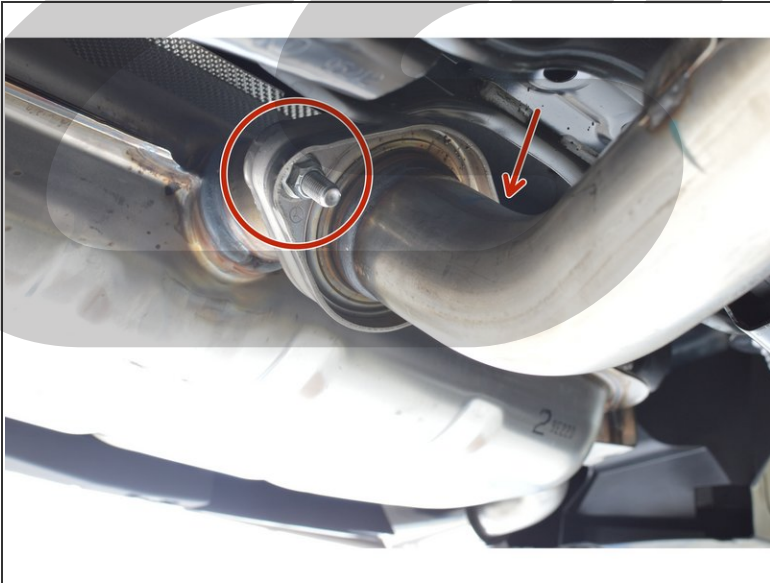
- First and foremost; **THANK YOU** for becoming a part of the CorkSport Family. We hope to bring you the highest level of Parts, Customer Service, & Support
- ⓘ How To Use These Instructions
 - The instruction format will relate colored marking in the image to the color dot in the text to the right of the image
 - ⓘ Assistance from another person is recommended for some portions of the install.

Step 2 — Lifting the Car



- ⚠ Ensure the vehicle is parked on a level surface before proceeding.
- Start by lifting up the rear of the car using the hydraulic jack and jack stands.
- ⚠ Be sure to reference your owner's manual for jack points and the jack manufacturer's instructions for proper practices.

Step 3 — Disconnecting the OEM Axle Back Exhaust



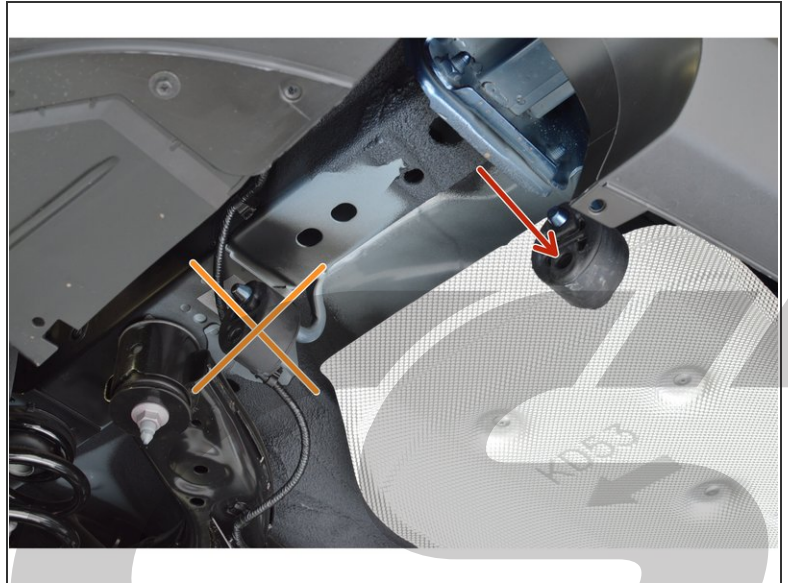
- Using a 14mm socket and ratchet, remove the two nuts that connect the OEM axle back section to the OEM midpipe section.
- Keep the OEM axle back section's studs inside the holes of the midpipe section. This helps support the axle back during removal.

Step 4 — Removing the OEM Axle Back Exhaust



- Spray the four rubber exhaust hangers with your spray lubricant. (WD40, silicone spray, or even glass cleaners work well).
- Using channel lock pliers or exhaust hanger pliers, disconnect OEM axle back exhaust from the two rearmost rubber exhaust hangers.
- ⓘ This will allow the OEM axle back to pivot downwards but it will not fall.
- Using channel lock pliers or exhaust hanger pliers, disconnect OEM axle back exhaust from the two remaining rubber exhaust hangers, then remove the axle back from your vehicle.
- ⚠ Support the axleback as you remove it from the final rubber hangers to keep it from falling to the ground or onto you. The easiest way is to get a friend to help or use the floor jack.
- After removing OEM exhaust, be sure to remove the OEM exhaust gasket from the OEM midpipe before continuing.

Step 5 — Installing the CorkSport Axle Back Exhaust

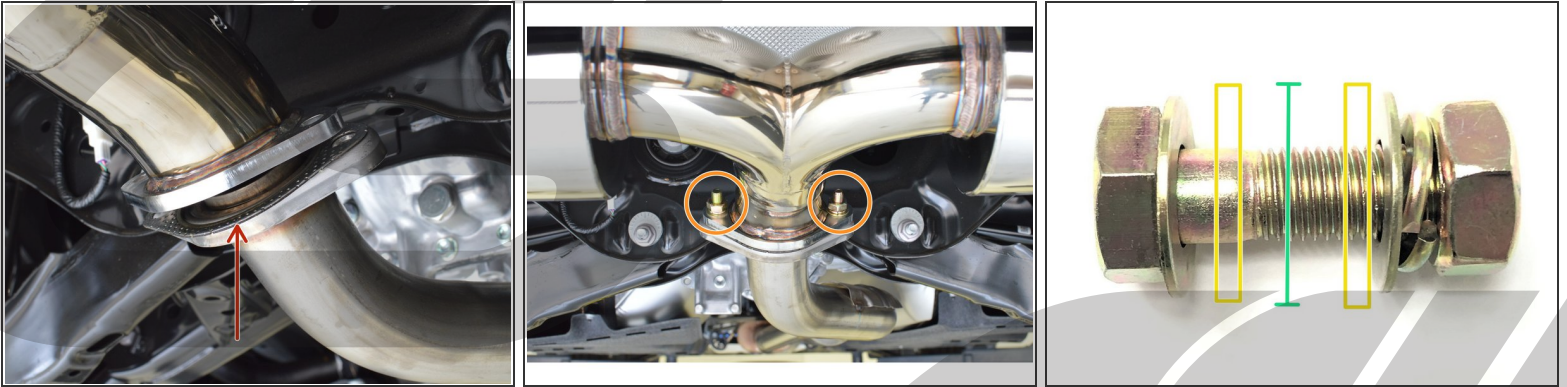


i We recommend leaving as much protective packaging in place as possible to prevent damage to the exhaust or vehicle during installation. It is shown removed for clarity.

! We recommend having a friend assist with the CS axle back installation.

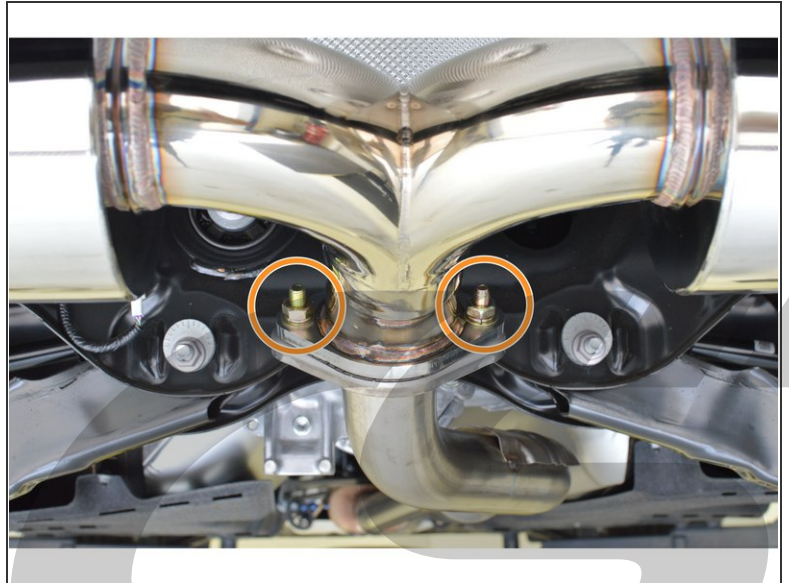
- Lift the CorkSport axle back into place and install the metal hangers into the rearmost rubber exhaust hangers.
- The CS axle back exhaust does not use the OEM forward rubber exhaust hanger locations. The rubber hangers can be removed or left in place

Step 6 — Connecting the CorkSport Axle Back to the OEM Midpipe



- Align the CS axle back to the OEM midpipe.
- Place the supplied exhaust gasket in position on the midpipe flange.
- Connect the CorkSport axle back exhaust to the OEM midpipe using the supplied hardware. Only hand tighten for now.
- Follow the hardware and flange setup in image 3 for proper installation.
 - Flanges shown with yellow rectangles.
 - Gasket shown with green line.

Step 7 — Aligning the CorkSport Axle Back Exhaust



- Align the exhaust tips and hangers so the exhaust is straight and centered in the exhaust cutouts. There should be a gap all around the exhaust tips.
- Once happy with fitment, tighten the supplied hardware to 35-40ft-lbs using a 17mm socket, ratchet, and wrench.
- Recheck alignment after tightening the supplied hardware.
- ⓘ After installation and before starting car, wipe down exhaust with cleaner and a clean towel. Grease and fingerprints can become hard to remove after the exhaust heats up.

Step 8 — Installation Complete



- This completes your installation of the CorkSport Performance 80mm Axle Back Exhaust System!
- ⓘ Listen for any strange noises upon first drive. If any are present, inspect exhaust hangers.
- ⓘ A slight "burning off" smell will be present as the exhaust is heated for the first time.
- Contact us with any questions or concerns at sales@corksport.com or (360) 260-2675.
- Please leave a review here:
- Share your experience using #CorkSport on Instagram, Facebook, and Twitter.