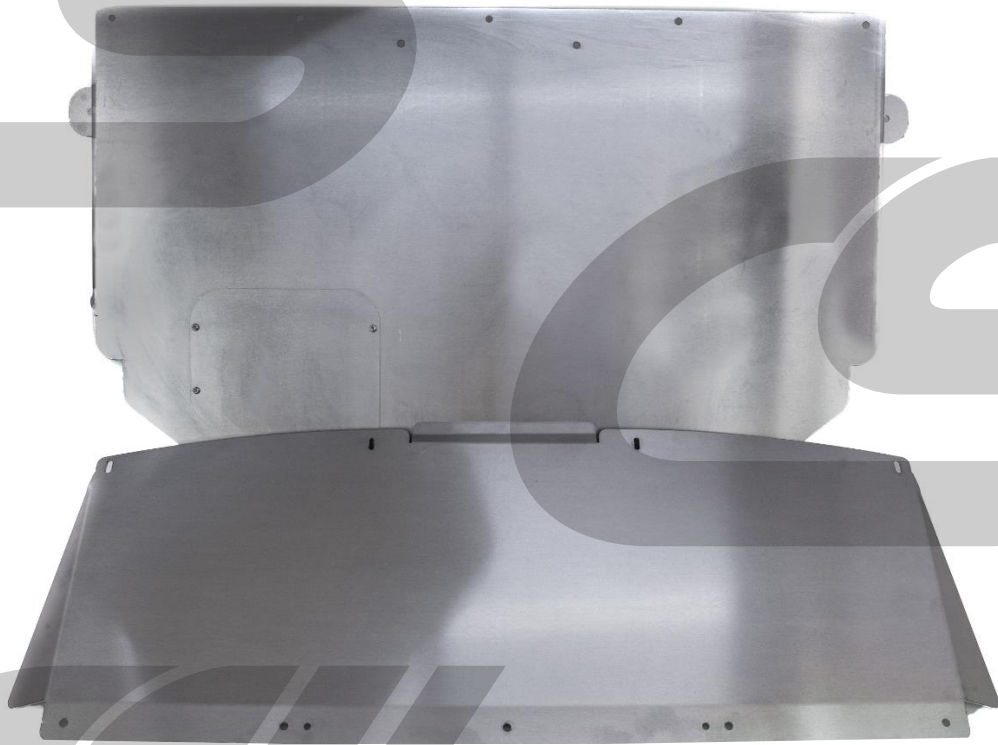


INSTALLATION INSTRUCTIONS



CORKSPORT **Aluminum Skid Plate**

2017+ Mazda CX-5

PART #: CX5-8-100-11

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



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

CORKSPORT.COM



CORKSPORT **Aluminum Skid Plate** 2017+ Mazda CX-5

PRODUCT DESCRIPTION:

Add some protection for your CX-5 with the CorkSport Aluminum Skid Plate! The OEM under tray is plastic and is prone to breakage, especially if you take your CX-5 off-roading or have it lowered. They also offer very little in the way of protection should you encounter rocks or other road debris. The CS skid tray is a direct OEM replacement that remedies these issues so you don't need to worry about damaging your CX-5, no matter how you use it!

Please let us know your feedback by submitting a review at:
<https://corksport.com/skidplate-for-2014-2018-mazda-3-clone.html>

PRE-INSTALLATION NOTES:

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

NOTE 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.

NOTE These instructions were written using a 2020 Mazda CX-5. Other years will be identical.

! The edges of the aluminum skid plate can be sharp. Wear mechanics gloves when handling to prevent injury.

MATERIALS & TIME:

GENERAL INFO:



Time Est:
1hr



Difficulty:
2/5



CEL:
No



Warranty:
2-Year

TOOLING LIST:

- 8mm Socket
- 10mm Socket
- 4mm Allen Wrench or Socket
- 1/4" or 3/8" drive Ratchet
- Flathead Screwdriver or Push Clip Removal Tool
- Mechanics Gloves
- T20 Torx Socket/Bit

PARTS LIST:

- One (1) CorkSport CX-5 Skid Plate Rear Section
- One (1) CorkSport Oil Access Cover
- One(1) CorkSport CX-5 Skid Plate Front Section
- Two (2) 1" Nylon Spacers
- Two (2) 1/2" Nylon Spacers
- Two (2) M6x1.0x40mm Button Head Bolts
- Two (2) M6x1.0x30mm Button Head Bolts
- Five (5) M6x1.0x16mm Button Head Bolts
- Seven (7) Extruded U-nuts
- Five (5) No. 8 Torx Screws

ORDER OF OPERATIONS & TABLE OF CONTENTS:

-  **OEM SPLASH SHIELD REMOVAL**
Section 1: OEM Splash Shield Removal Pg. 4-5

-  **CORKSPORT SKID PLATE INSTALLATION**
Section 2: CorkSport Skid Plate Rear Section Installation Pg. 6-8
Section 3: CorkSport Skid Plate Front Section Installation Pg. 8

-  **CHANGING YOUR OIL WITH THE CORKSPORT SKID PLATE**
Section 4: Changing Your Oil with the CorkSport Skid Plate Pg. 9

DETAILED INSTRUCTIONS:

1. OEM Splash Shield Removal

- a) Use a floor jack and jack stands to gain access to the underside of the vehicle. Only the front needs to be accessed for this install.



Always refer to the floor jack and jack stand manufacturer's instructions as well as the owners manual for your vehicle to determine proper jacking and support points. Alternatively, you can use an automotive lift to gain access to the underside of the vehicle.

- b) Locate the rear section of the OEM splash shield. Shown with red square in **Figure 1a**.
- c) Remove six (6) push clips from the OEM splash shield using a flat head screwdriver or push clip removal tool. Shown circled in blue in **Figure 1a**.
- d) Remove eight (8) 10mm bolts from the OEM splash shield using a 10mm socket and ratchet. Shown circled in green in **Figure 1a**. Then remove rear section of the OEM splash shield. Do not discard this hardware, you will be reusing some of it later.

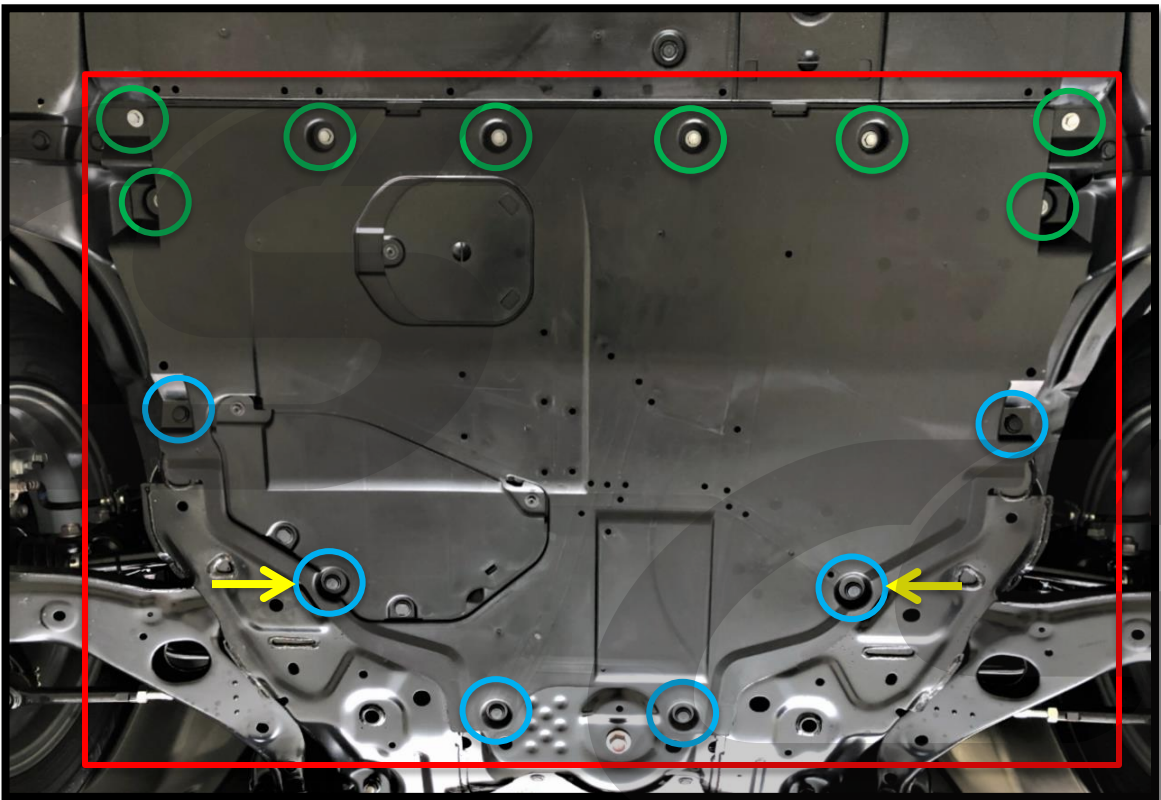


Figure 1a

DETAILED INSTRUCTIONS:

1. OEM Splash Shield Removal (continued)

- e) Locate the front section of the OEM splash shield. Shown with red square in **Figure 1b**.
- f) Remove three (3) push clips from the OEM splash shield using a flat head screwdriver or push clip removal tool. Shown circled in blue in **Figure 1b**.
- g) Remove four (4) 8mm bolts from the OEM splash shield using an 8mm socket and ratchet. Shown circled in green in **Figure 1b**. Then remove front section of the OEM splash shield. Do not discard this hardware, you will be reusing some of it later.

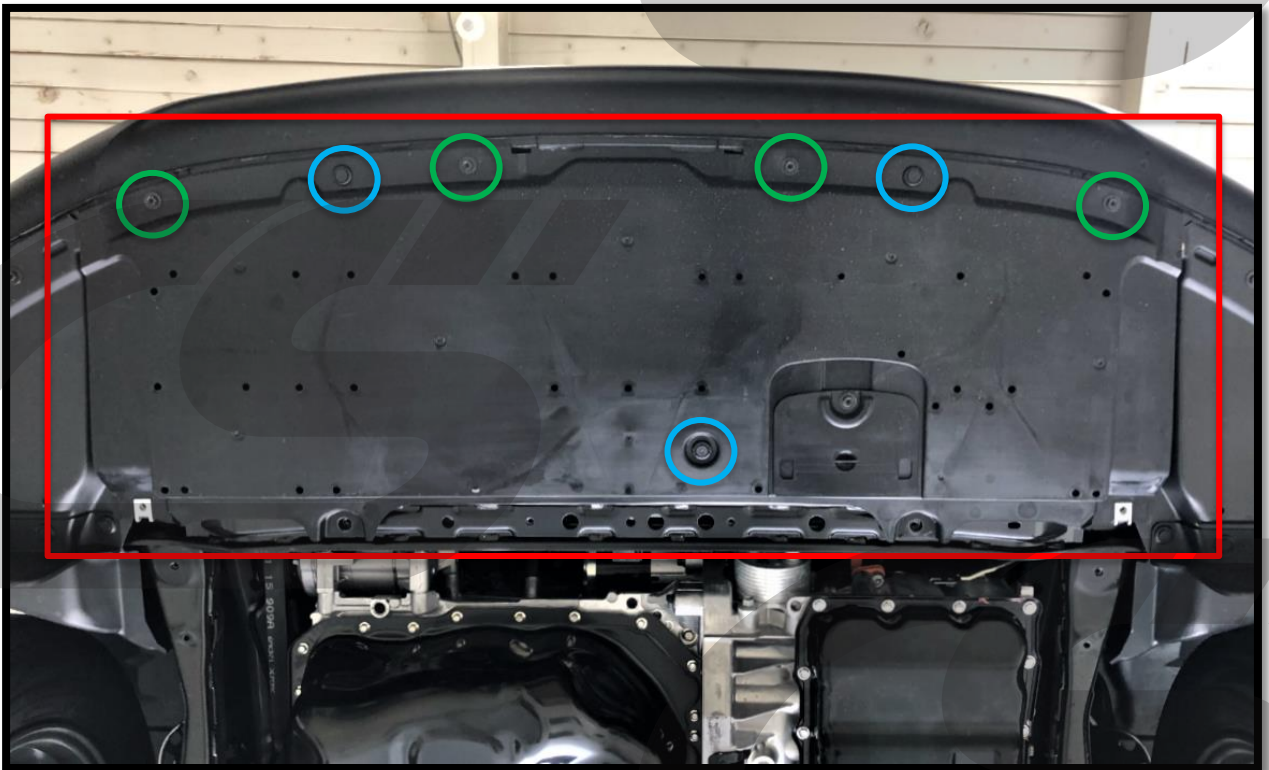


Figure 1b

DETAILED INSTRUCTIONS:

2. CorkSport Skid Plate Rear Section Installation

- a) Install two (2) extruded U-nuts onto the tabs two of the push clips were removed from in Step 1c. These tabs are shown circled in red in **Figure 2a** (these locations are also shown with yellow arrows in **Figure 1a**). Push the U-nuts on until the threaded portion is centered in the hole on the tab, as shown in **Figure 2b**.

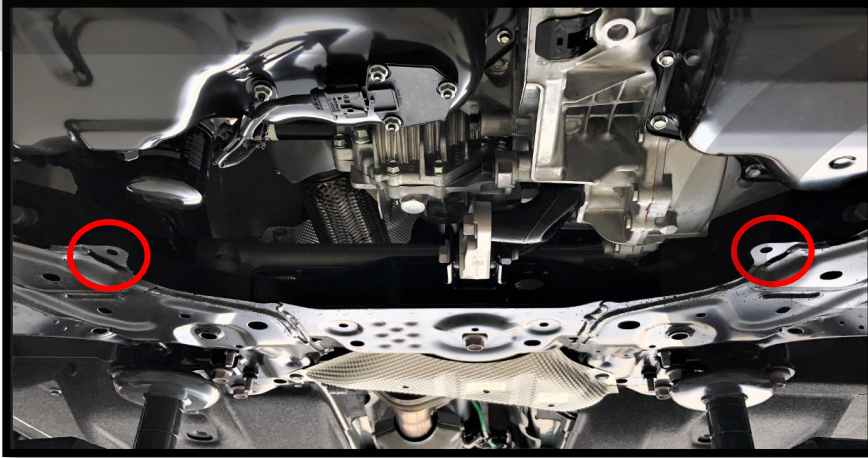


Figure 2a



Figure 2b

- b) Install five (5) extruded U-nuts onto the five holes in the rear section of the CorkSport skid plate. Circled in red in **Figure 2c**. Ensure the orientation of the U-nuts matches **Figure 2d**, with the threaded portion on the same side of the plate as the bends.

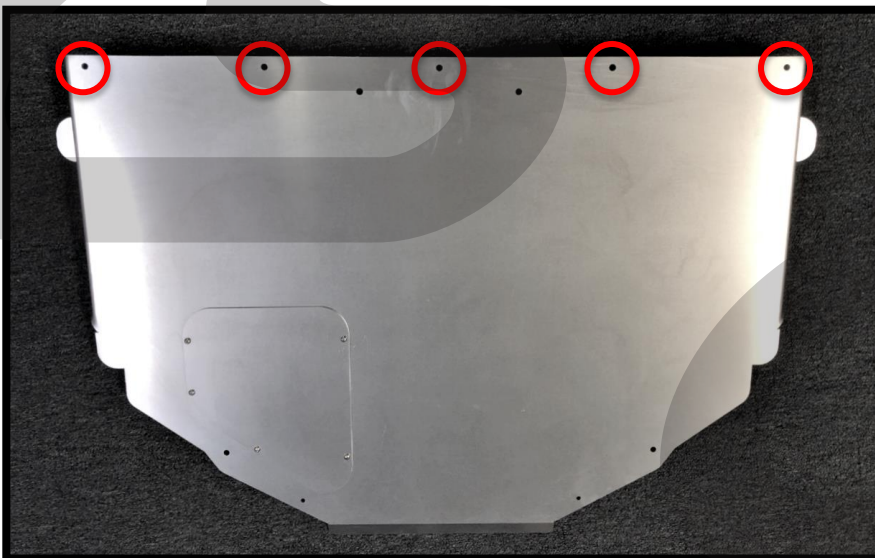


Figure 2c

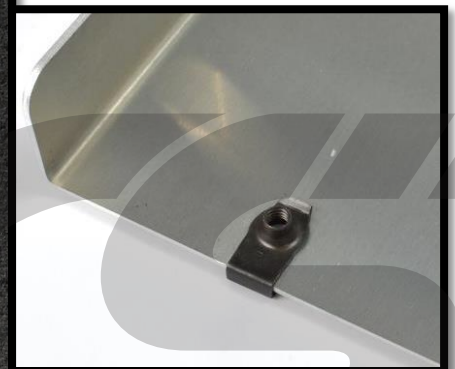


Figure 2d

DETAILED INSTRUCTIONS:

2. CorkSport Skid Plate Rear Section Installation (continued)

 Ensure your mechanics gloves are on for the following steps.

- c) Lift the rear section of the CorkSport Skid Plate into place and loosely secure with two (2) 10mm OEM bolts. Use the two outermost bolt locations shown with red arrows in **Figure 2e**.

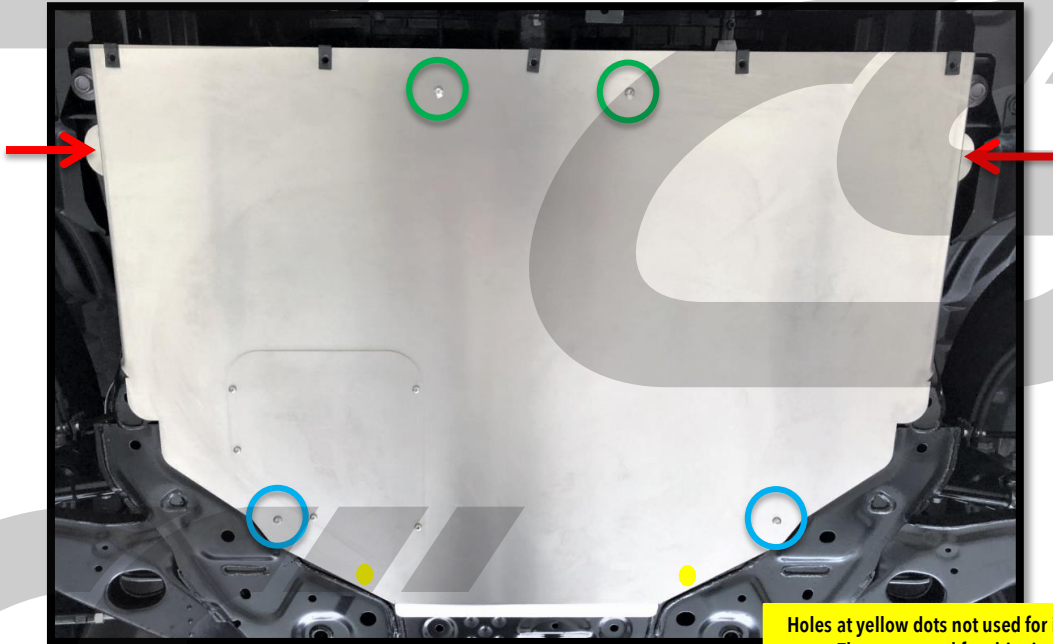


Figure 2e

Holes at yellow dots not used for installation.
These are used for shipping only

- d) Place two (2) ½" nylon spacers above the holes in the skid tray circled in blue in **Figure 2e**. **Figure 2f** shows how the spacers should look when installed.
- e) Align the ½" nylon spacers with the previously installed U-nuts and two (2) supplied M6x30mm button head screws as shown in **Figure 2f**. Tighten these bolts with 4mm Allen wrench/socket to **10-14ft-lbs**.
- f) Place two (2) 1" nylon spacers above the middle holes in the skid tray. Circled in green in **Figure 2e**.
- g) Align the 1" nylon spacers with the threaded holes in the chassis and two (2) supplied M6x40mm button head screws as shown in **Figure 2f**. Tighten these bolts with 4mm Allen wrench/socket to **10-14ft-lbs**.

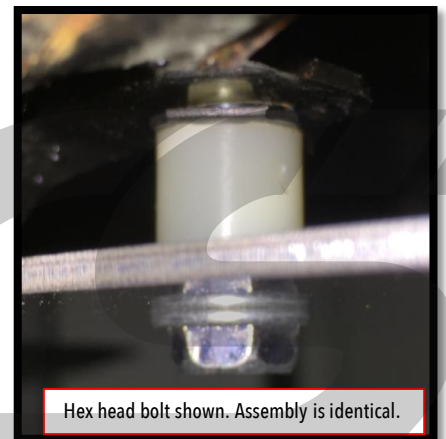


Figure 2f

DETAILED INSTRUCTIONS:

2. CorkSport Skid Plate Rear Section Installation (continued)

- h) Tighten the two OEM 10mm bolts installed in Step 2c and shown with red arrows in **Figure 2e** on the previous page to **10-14ft-lbs.**
- i) Secure the oil access cover with the five (5) provided No8 Torx head screws. Tighten hand tight using a T20 Torx bit.

3. CorkSport Skid Plate Front Section Installation

- a) Lift the Front Section of the CorkSport Skid Plate into place. Ensure the front tab sits on top of the bottom of the bumper. Proper fitment shown in **Figure 3a** with red circle.
- b) Loosely secure the front section by reusing the four (4) 8mm OE bolts that were removed earlier. Locations shown with blue circles in **Figure 3a**. Do not yet tighten.

NOTE Leaving the front bumper bolts slightly loose in the slots will help with joining the two skid tray sections together.

- c) Attach the two pieces of the CorkSport Skid Plate together using five (5) M6x16 button head screws in the previously installed U-nuts. Locations shown with green circles in **Figure 3a**. Torque to **10-14ft-lbs.**
- d) Tighten the four 8mm OEM bolts installed in step 3a until snug.

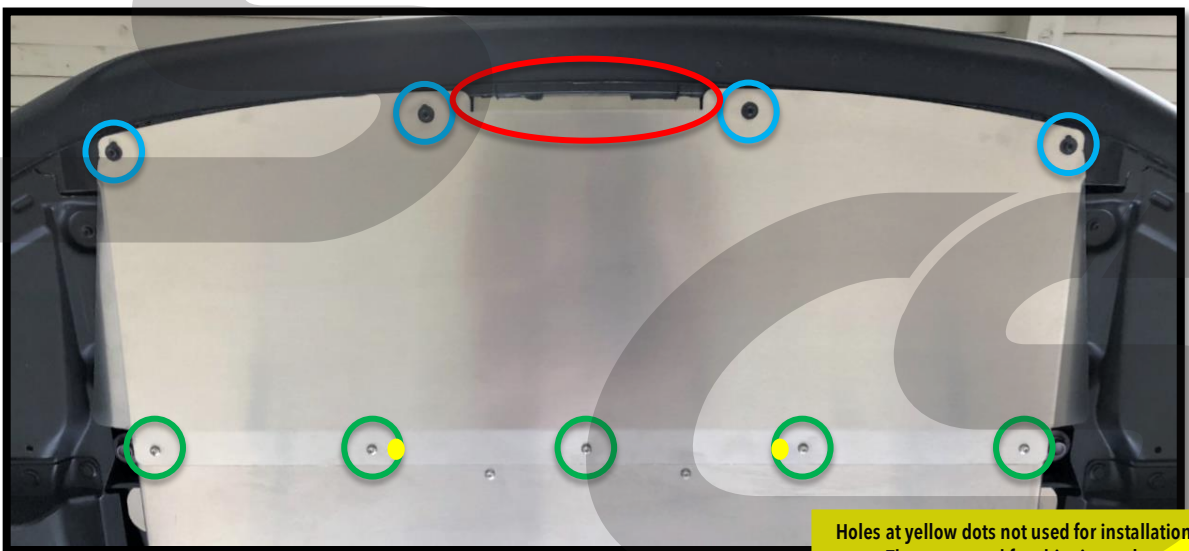


Figure 3a

Holes at yellow dots not used for installation.
These are used for shipping only

DETAILED INSTRUCTIONS:

4. Changing your Oil with the CorkSport Skid Plate

- To access the oil drain plug and oil filter, remove five (5) of the six T20 Torx screws. They are shown circled in red in **Figure 4a**.
- Loosen but do not remove the sixth T20 Torx screw.
- Rotate the oil filter access cover out of the way. Shown in **Figure 4b**.
- When finished servicing, reinstall all screws and tighten until snug.



Do not overtighten the oil access screws as they can strip out the threaded holes if excessive force is applied.

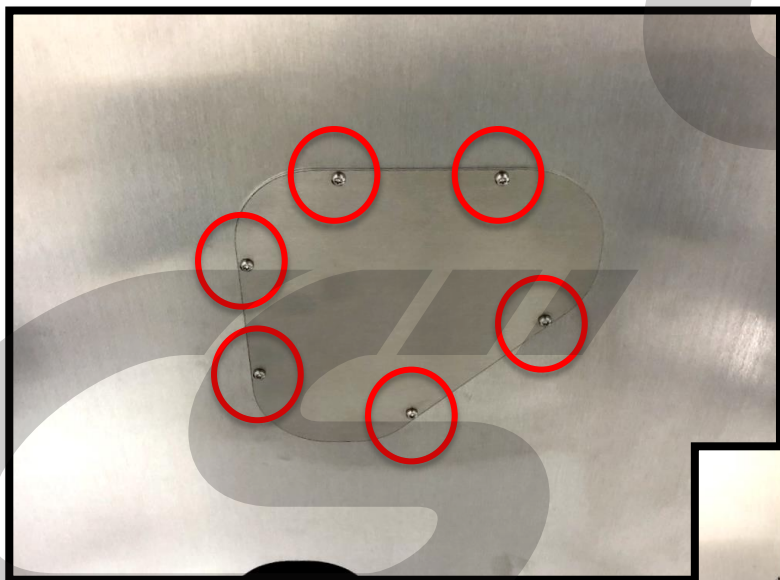


Figure 4a

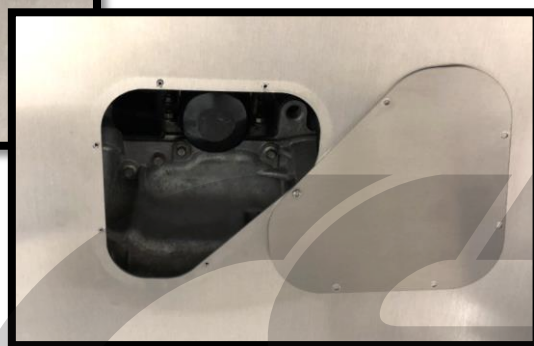


Figure 4b



This completes the installation of your CorkSport Aluminum Skid Plate.
Enjoy the increased engine protection and great look!

WHAT'S NEXT?

CorkSport Performance Axleback Exhaust

We believe that when it comes to the newer crossover SUV options on the market today, the 2017+ CX5 is the cream of the crop. The beautiful lines paired with Mazda's attention to detail really make this vehicle shine. The 2.5-liter turbocharged version also provides you with a car that is as enjoyable to drive as it is beautiful. We believe that a car that looks good should sound good as well. Our mandrel-bent, 80mm polished stainless steel axle-back exhaust system will ensure you are seen AND heard. The dual 160mm resonators deliver a throatier exhaust note without drone or excessive noise.



CorkSport Performance Lowering Springs

The 2017+ Mazda CX-5 is Mazda's most successful and popular vehicle in North America; with its functionality, stylish body lines and the recent addition of a turbocharged 2.5L SkyActiv engine. However, we think the CX-5 sits just a bit too high... The team at CorkSport Mazda Performance has a solution with the Sport Lowering Springs for the 2017+ Mazda CX5. The lowering springs were designed with the practical enthusiast in mind by providing a functional and comfortable ride with a 2.1 inch Front & Rear Drop. Spring rates were increased 17% & 32% over OE, respectively.



CorkSport Short Ram Intake

The CorkSport Power Series Short Ram Intake replaces your restrictive factory airbox with a free flowing intake system to get more power and sound out of your 2.5L SkyActiv Turbo. Increase efficiency, power, and style under your hood with the CorkSport Short Ram Intake. Each component in the CS intake system was designed for function and fitment to get the best out of your Turbo Mazda. Dynamometer testing showed gains of 8-12WHP on Mazda 6 and some of the best noises we've heard from a short ram intake that installs in as little as 30minutes!

Also available for non-turbo models!

