

Applicable to SKUs:
DNAFL-RCFWEX100MM-KIT (100mm)
DNAFL-RCFWEX-KIT (60mm – as shown)
DNAFL-RCFWEX30MM-KIT (30mm)

- Installation Instructions -

Revision 1.4 (Last updated: Sept 26, 2023)

Parts List:

- Left and right 3D-printed:
 - Wing extension pieces
 - 60mm extenders are shown in this guide
 - Top gaskets
 - Rear screw cover pieces
 - Not applicable to 30mm extenders
- 4 x M5x25mm 5mm Hex socket head bolts
- 4 x M5x20mm (35mm full length) 10mm Hex bolts
- 4 x M5x18mm Washers

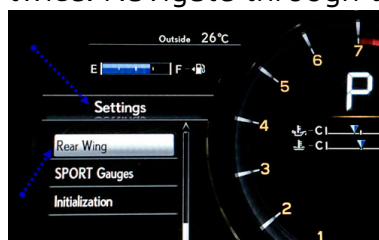
Required Tools / Supplies:

- Socket wrench
 - 10mm socket drive bit
 - T20 / T30 Torx drive bit
- Trim fastener removal tool
- 5mm hex / allen key
- Wide masking tape

Note: Please read the instructions carefully and make sure to read the entire step **before** performing the step to avoid potential issues.

Step 1: Prepare rear wing assembly for removal

- Initially, make sure the rear wing's activation is **enabled** and the wing is in the **down** position. *If it is, skip to Step 2.*
- If the wing is not enabled, turn on the ignition by pressing the start/stop button twice. Navigate through the gauge cluster menu: Settings > Rear Wing > ON.





RCF Rear-wing extenders (100mm / 60mm / 30mm)

- iii. If the wing is not in the down position, press and **hold** the Rear Wing button below the left side of the steering wheel until the wing reaches the down position.



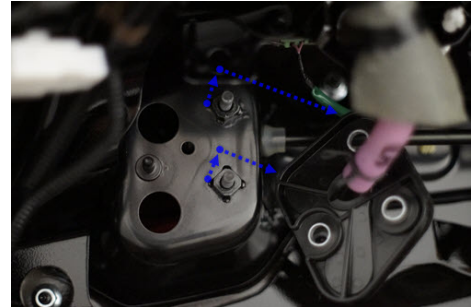
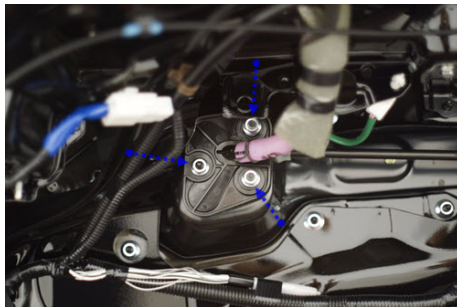
Step 2: Take two long pieces of masking tape and tape the wing down so that it does not fall and damage the rear windshield once detached, like so:



Note: The wing shown in this and other figures is *not* the OEM wing, but the same principles apply.

Step 3: Open the trunk and remove the retainer clips holding the trunk liner.

Step 4: Using a 10mm socket drive bit, open the three silver nuts holding the “water evacuation” system and move the panel to the side. Do this for both the left and the right side.



Step 5: The two wing bolts are now exposed, use the T20 / T30 Torx drive bit to loosen the bolts (not remove, just loosen). Just for the first few rotations, make sure to apply pressure toward the bolt while turning. Over time, these bolts can become rusted so you want to ensure that there is a good seat for the torx driver bit. Do this for both the left and the right side.





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- Once all the wing bolts are loosened, completely remove just the two **lower** bolts from both the left and the right sides.
- Ensure once again that the wing is held on properly with the masking tape. While holding the wing on either side, remove each of the **top** bolts on both sides.
- Close the trunk while holding the wing.
- Remove the masking tape and the wing assembly from the trunk, and set it aside. Try to retain the masking tapes; they can be used when re-installing the wing.

Step 6: In the area where the wing was attached, there are two rivets on either side which can come loose over time. Screw these rivets down with your fingers until they are at the tightest-possible position. You may also remove these rivets altogether, and keep them in a safe place, but note that the extender's seating position may be a bit off.



Step 7: Place the wing upside-down on a soft surface to avoid scratches. Then, take one of the extenders and place it on the wing where they are going to be installed. This is to make sure that the extenders are in the correct **orientation**, and, are of the correct **side**. Perform this for the other side / extender as well.

Step 8: Insert the shorter **25mm socket head bolt** into the large holes below the extenders. Then, place the extender on to the wing and hand-tighten the bolt with a 5mm hex key until it is torqued to roughly 2.5 Nm / 1.83 ft lbs. Perform this for both sides.



Step 9: *(Optional, and only applicable to 60mm and 100mm extenders)* You may choose to use the provided cylindrical rear cover piece to cover the rear bolt head from environmental debris



Note: An older version of the cylinder cover is shown above. The new version is more streamlined for removal.



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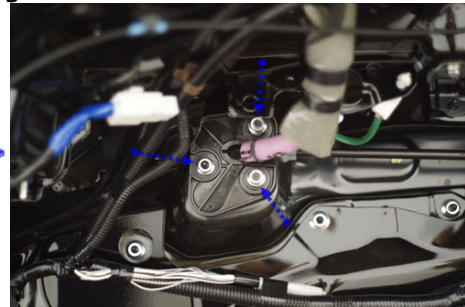
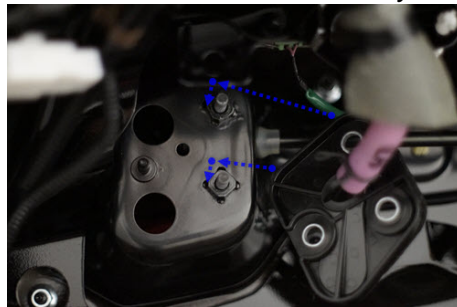
- Step 10: The wing is now ready to be re-installed on to the car's wing assembly. Place the wing on top of the assembly and (re)use masking tape to hold the wing down to the trunk. Make sure the wing is stable as the trunk will need to be opened.



- Step 11: Open the trunk and screw in the provided four 10MM head bolts with the included washer replacing the existing OEM torx bolts. Ensure the bolts are hand-tightened until they are torqued to roughly 3.0 Nm / 2.2 ft lbs. Do not over tighten as it may damage the extenders.



- Step 12: Replace the "water evacuation" system and tighten the three nuts.



- Step 13: Replace the trunk liner, as well as all the trim fastener pieces.

- Step 14: Close the trunk, remove the masking tape, and enjoy your new wing extenders!

