L15-6-210-12 10th Gen Front-Pipe Exhaust

Written By: Dozuki System



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INTRODUCTION

In this installation guide we have provided step by step instructions to setup, remove the OEM exhaust, and install the 27WON Performance Exhaust.

Advisory:

- Working under the vehicle requires a safe and sturdy location for the vehicle to sit on jackstands.
- The exhaust piping will be hot after recent vehicle operation. Allow the vehicle to cool or use a fan to cool the exhaust piping before working on the vehicle.

TOOLS:

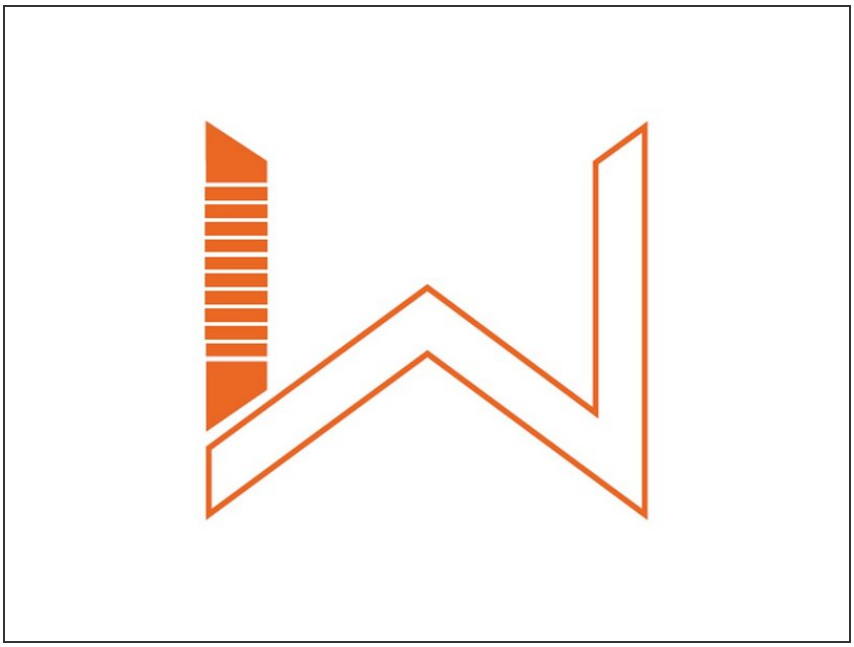
- 3/8" Ratchet (1)
- 10mm Socket (1)
- 14mm Socket - Deep (1)
- 17mm Socket - Deep (1)
- 17mm Box-End Wrench (1)
- 3/8" Torque Wrench (1)
- 5mm Allen Key (1)
- Tongue and Groove Adjustable Pliers (1)
- Silicone Lubricant Spray (1)
- Hydraulic Jack (1)
- Jack Stand (2)

PARTS:

- L15-6-209 Front-Pipe Section (1)
- 27WON 2.50" Tri-Bolt Gasket (1)
- 27WON 2.50" "House" Gasket (1)
- M10x1.50x35mm Assembled Bolt (3)
- Step Washer - M10 (3)

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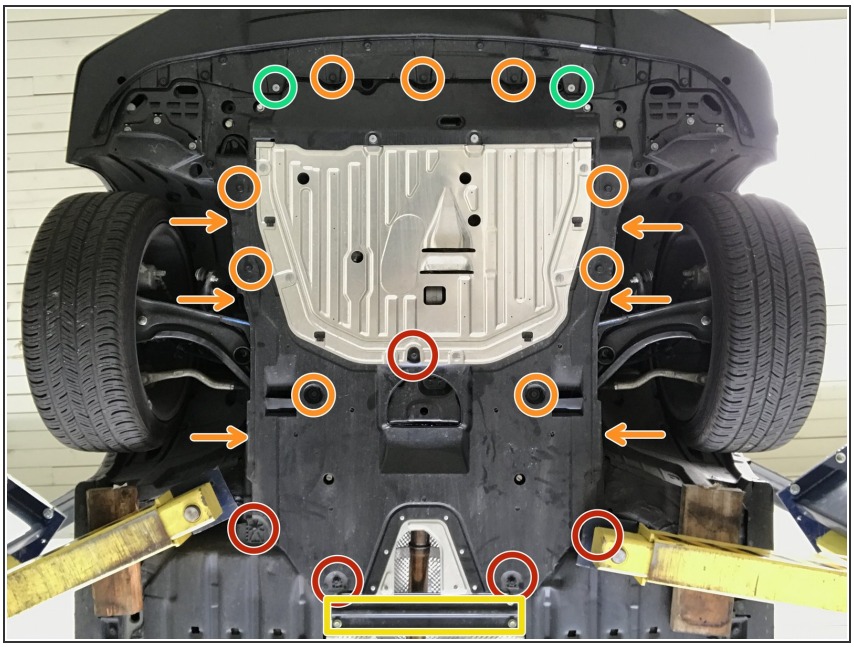
Step 1 — Getting Started



- First and foremost; **THANK YOU** for becoming a part of the 27WON Family. We hope to **REDEFINE** your experience of the aftermarket with the highest level Parts, Customer Service, Packaging, & Support

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Step 2 — Accessing the OE Exhaust Part A

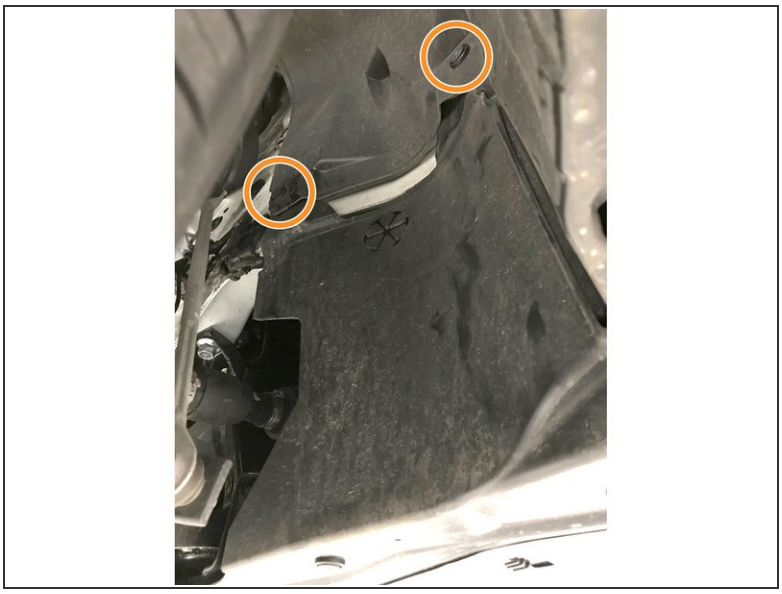


- Locate the engine under tray to gain access to the connection between the front-pipe and down stream exhaust
- Use 5mm Allen Key to remove the two (2) bolts shown in green circles
- Use 10mm socket & ratchet to remove the five (5) bolts shown in red circles
- Use a flathead screwdriver to remove the fifteen (15) plastic push-clips. **Orange arrows & circles identify push-clips in Step 3**
- Yellow square identifies cross-member in Step 6
  - ⓘ The bracket highlighted in yellow is not found on SI models

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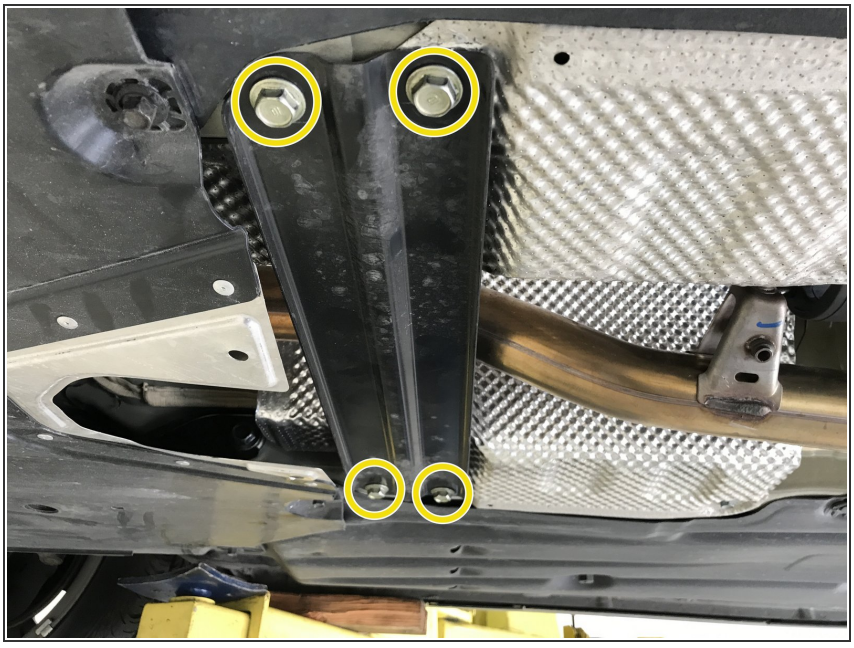
Step 3 — Accessing the OE Exhaust Part B





- Use large flat head screw driver to remove push-clips on each side of undertray

Step 4 — Accessing the OE Exhaust Part C



- Use 14mm socket & ratchet to remove the 4 bolts holding the cross member
  - ⓘ This bracket is not found on the SI models

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Step 5 — Rearward OE Front-Pipe Flange



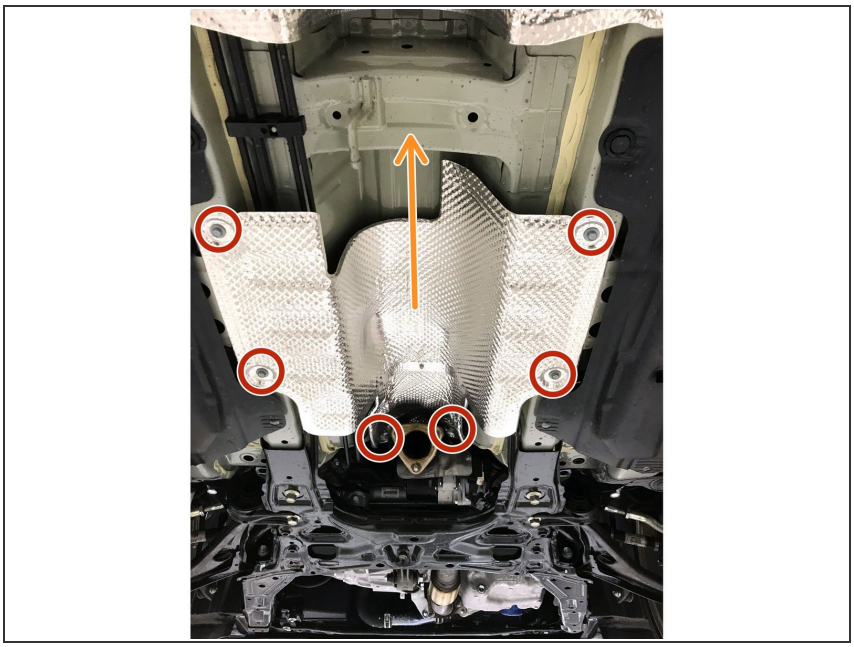
- Locate the connection between the front-pipe and down stream exhaust

⚠ Verify that the exhaust is not to hot to touch, if still hot use a fan to cool the exhaust piping before proceeding

- Use 14mm socket & ratchet to remove three (3) OE nuts in red circles, as shown

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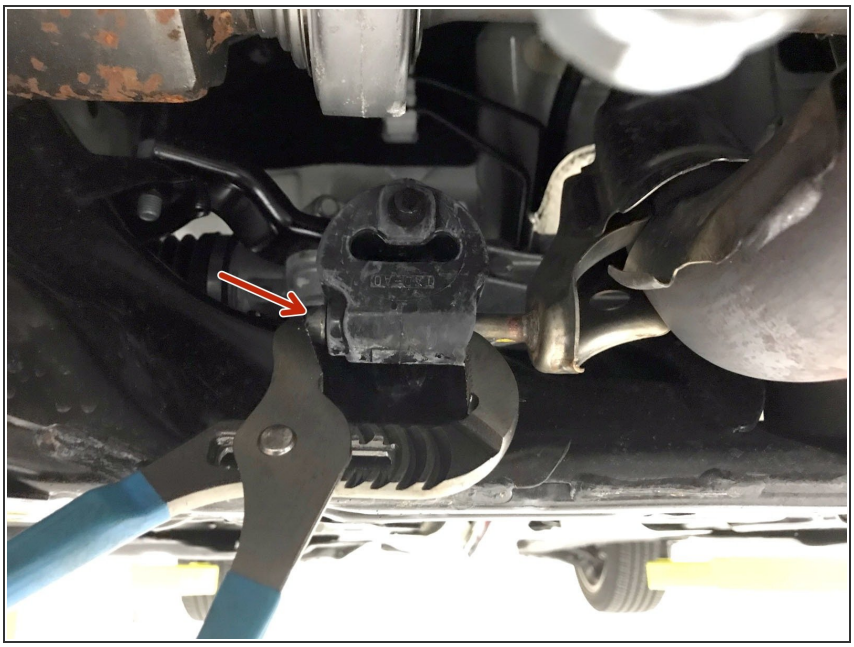
Step 6 — Heat Shield Removal



- Front-pipe back exhaust has been removed for clarity of image, but doe snot need to be removed to relocate the heat shield out of the way
- Use a 10mm socket and ratchet to remove the six bolts holding the heat shield
- Relocate the heat shield in the direction of the arrow
  - **With front-pipe back exhaust installed;** Set the heat shield on the pipe. You only need to provide clearance around the flange
  - **With front-pipe back exhaust removed;** Remove the heat shield from the vehicle

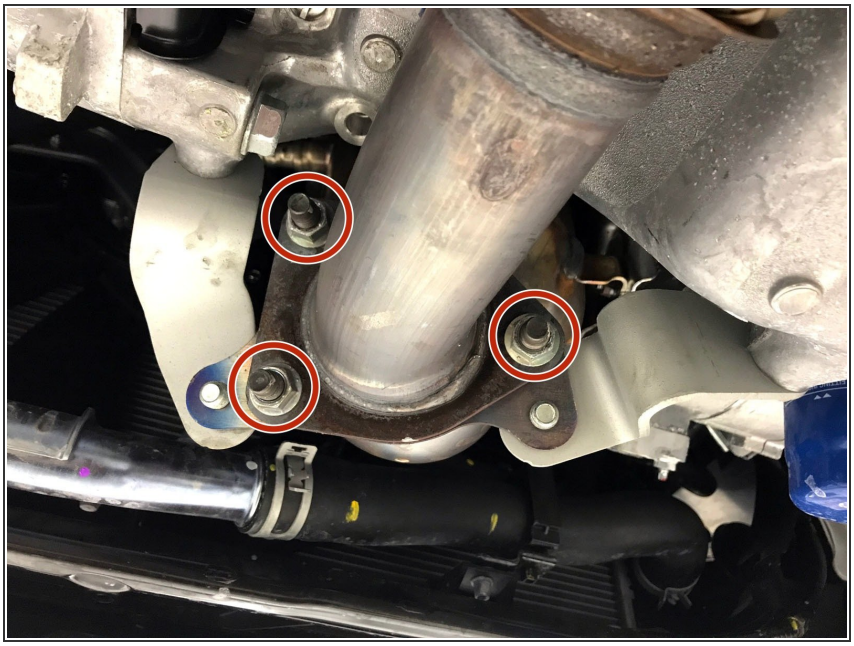
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Step 7 — Rubber Hanger Removal



- Apply a small amount of silicone spray to the end of the hanger rod
- Use the tongue and groove pliers as shown to remove the rubber hanger

Step 8 — Forward OE Front-Pipe Flange



- Use a 14mm socket and ratchet to remove the three OE nuts
  - ⓘ It is possible that the stud will thread out of the downpipe flange. This is not an issue, the stud can be threaded back into the flange like a bolt

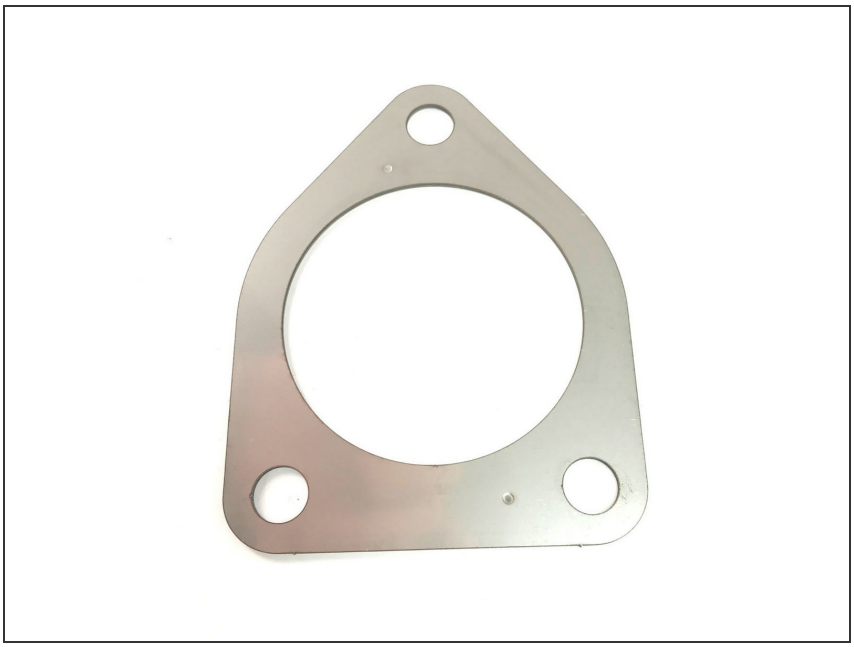
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Step 9 — Removing the OE Front-Pipe



- Remove the OE front-pipe from the vehicle through the access point directly under the engine

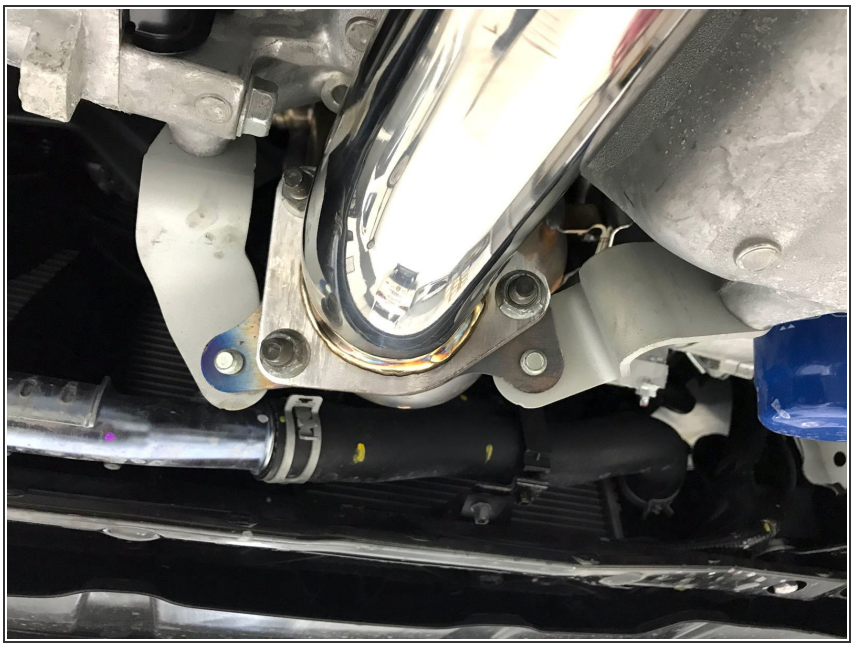
Step 10 — Locate "House" Gasket for Forward Front-Pipe Flange



- Locate the provided "house" gasket for front-pipe installation

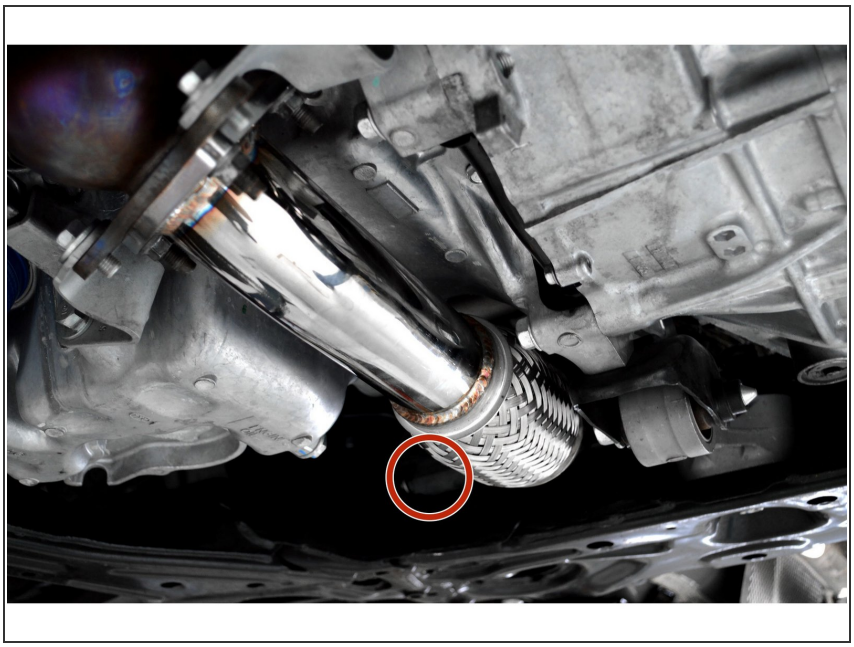
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Step 11 — Installing the 27WON Front-Pipe Part A



- Install the provide "house" gasket between the flanges
- Align the studs through the flange then hand tighten the nuts
- Use a 14mm socket & torque wrench to torque each to 30-40 ft-lbs

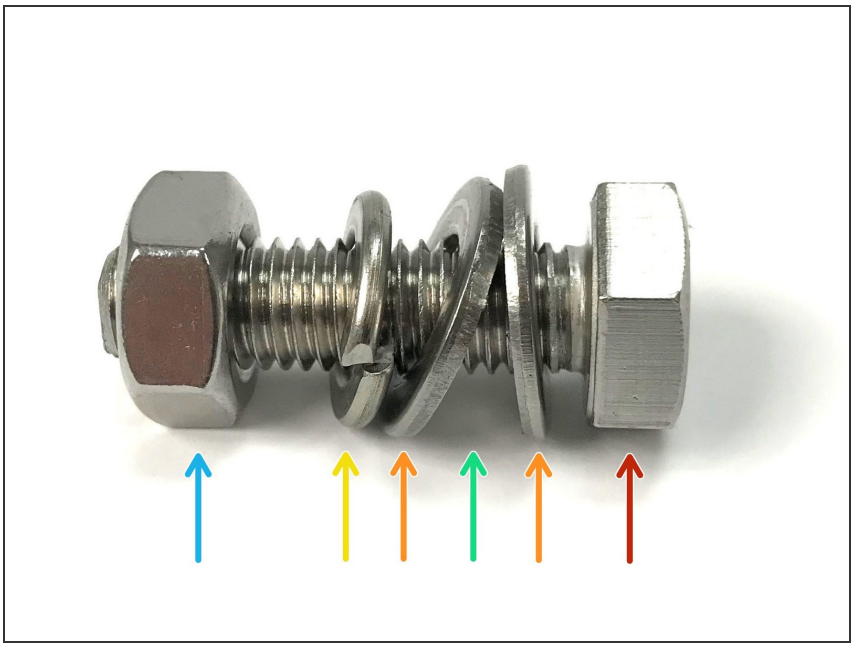
Step 12 — Installing the 27WON Front-Pipe Part B



- Reinstall the OE rubber hanger
- Reinstall the OE heat shield with the bolts hand tight
  - Use 10mm socket & toque wrench to torque to 6-8 ft-lbs

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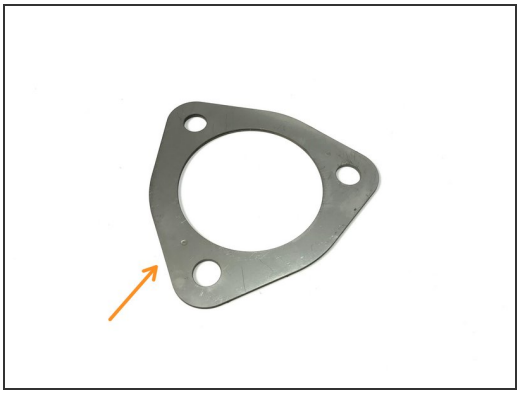
Step 13 — Tip: Hardware Setup & Assembly

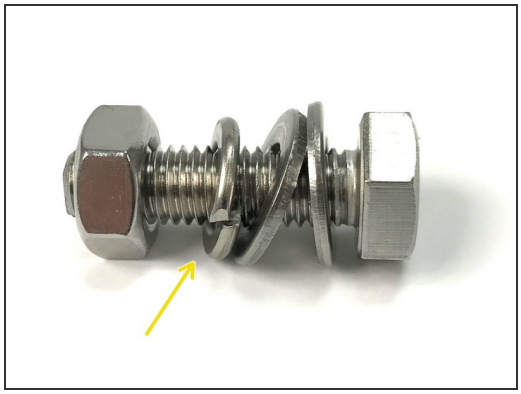


ⓘ The location of the flat washers, flanges, and split lock washer are critical for proper fastening and vibration resistance.

- 17mm M10 Nut
- M10 Split Lock Washer
- M10 Flat Washers
- Exhaust Pipe Flange Location - Between the two flat washers
- 17mm M10 Bolt Head

Step 14 — Locate "Tri-Bolt" Gasket & Hardware



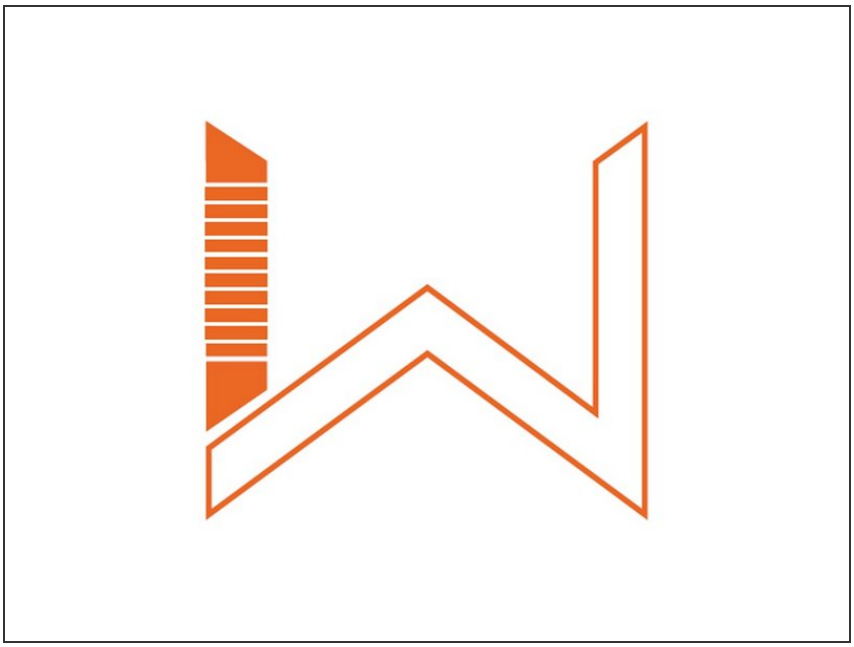




- Locate the provided "tri-bolt" gasket for front-pipe installation
- Locate QTY=3 provided 35mm length assembled M10 bolts
- Locate QTY=3 provided step nuts

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Step 15 — Advisory: Front-Pipe Installation



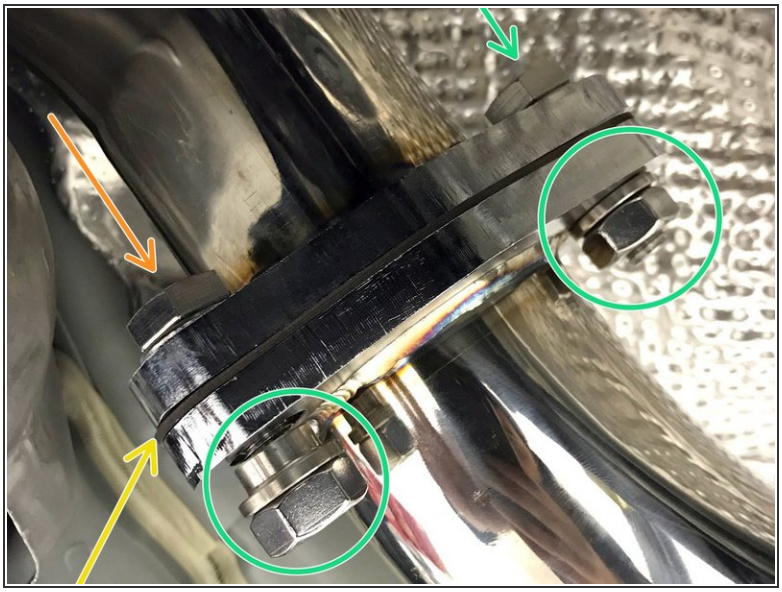
For your assistance in installing the 27WON Front-Pipe, we have laid out the installation with the 27WON Front-Pipe Back Exhaust and OE Front-Pipe Back Exhaust

- Step 16 Show the installation with the 27WON Front-Pipe Back Exhaust
- Step 17 Show the installation with the OE Front-Pipe Back Exhaust

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Step 16 — Connecting Front-Pipe to 27WON Exhaust





ⓘ If you are connecting to the OE front-pipe back exhaust, skip to Step 17

- Install the provide tri-bolt metal gasket
- Using the 35mm length M10 bolts, insert the bolts through the front-pipe flange first
- Install the provided step washers and nuts as shown

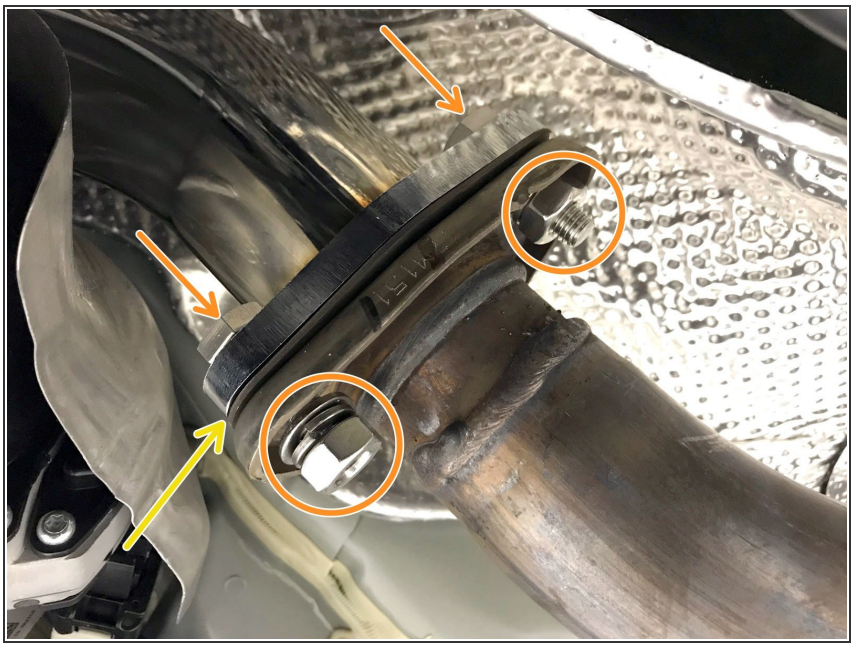
  ⚠ When using the step washer, **DO NOT** use the flat washer and split lock washer

  ⚠ It is important that the provided step nuts are used with the 27WON Front-Pipe Back Exhaust to properly align the flanges

- While hand tightening the nuts, verify that the step washers inserting into the flange correctly. Use a 17mm socket & torque wrench to torque the bolts to 30-40 ft-lbs

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Step 17 — Connecting Front-Pipe to OE Exhaust



- If you have already connect your Front-Pipe to the 27WON Exhaust then you can skip this step
- Install the provided metal gasket
- Using the 35mm length M10 bolts, insert the bolts through the front-pipe flange first
  - See Step 13 for hardware setup
- Install the remaining washers and nuts. Use a 17mm socket & torque wrench to torque the bolts to 30-40 ft-lbs

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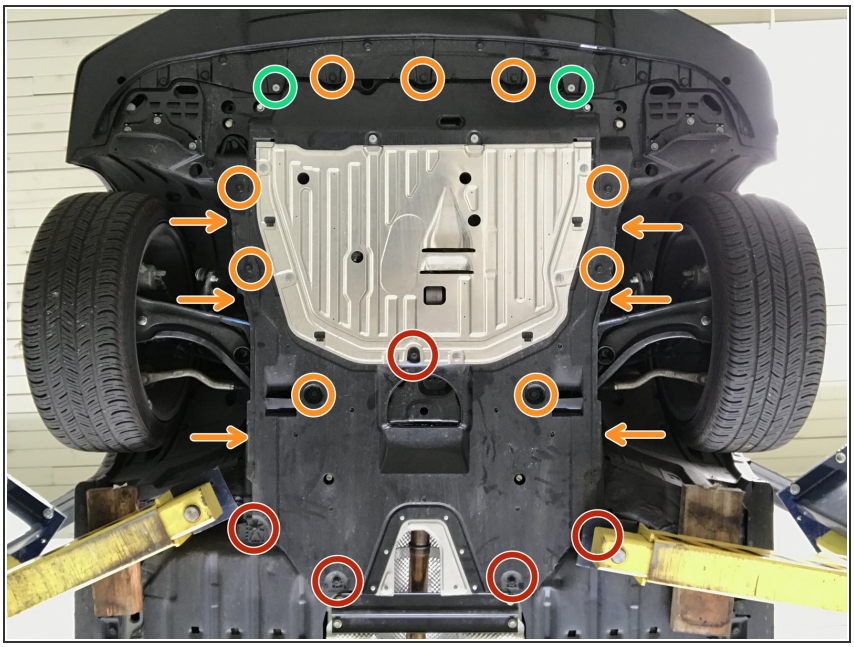
Step 18 — Check for Leaks and Rattles



- Start the vehicle to check for leaks or rattles. If none, then take a spin around the block for further verification. If you do find a leak or rattle, please inspect the exhaust further
  - A leak could be caused by a loose flange bolt, improperly used gasket, or if debris is stuck between the gasket and flange
  - A rattle could be caused by misaligned pipe or a rubber hanger being orientated incorrectly
  - If you have exhausted all investigation then give us a call and we would be happy to help and resolve the issue with you

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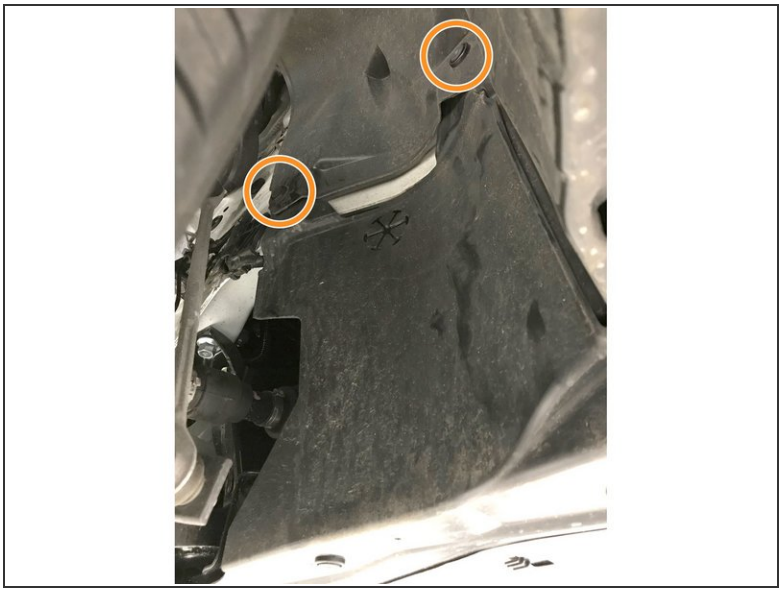
Step 19 — Re-Install Undertray Part A



- Re-install the 10mm bolts with a 10mm socket & torque wrench. Torque to 8-12 ft-lbs
- Re-install the 5mm socket flange bolts with the 5mm Allen key & torque wrench. Torque to 6-8 ft-lbs
- Re-install the push clips at the bottom of the undertray and the sides (shown in Step 20)

Step 20 — Re-Install Undertray Part B

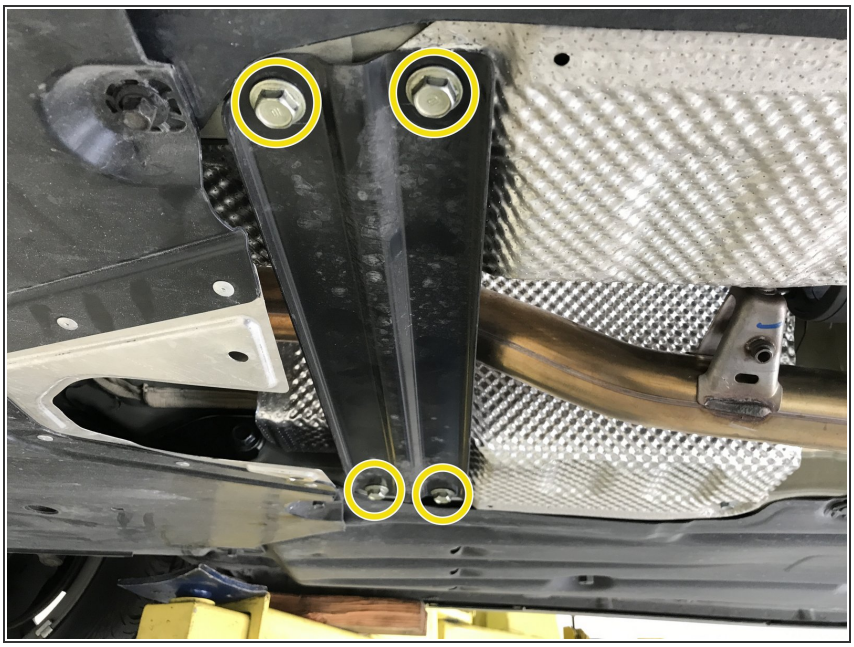




- Re-install the push clips at the side of the undertray

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Step 21 — Re-Install Cross Memember



- Re-install the cross member. Use a 14mm socket & torque wrench to torque the bolts to 25-35 ft-lbs
  - ⓘ The bracket highlighted in yellow is not found on SI models

Step 22 — I Dare You to REDEFINE



- This completes the installation of your 27WON Performance Exhaust
- We hope you were impressed with your 27WON experience and love your new exhaust for years to come. Email us at sales@27won.com or call us at 571-271-0271 with any questions or concerns
- Please Leave a review here: https://store.27won.com/civic-hatchback-...
- Share your experience using #27WON on Instagram and Facebook

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