L15-6-211-12 11th Gen Civic Front-Pipe

Written By: Josh Rivas



© 2024

INTRODUCTION

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

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:

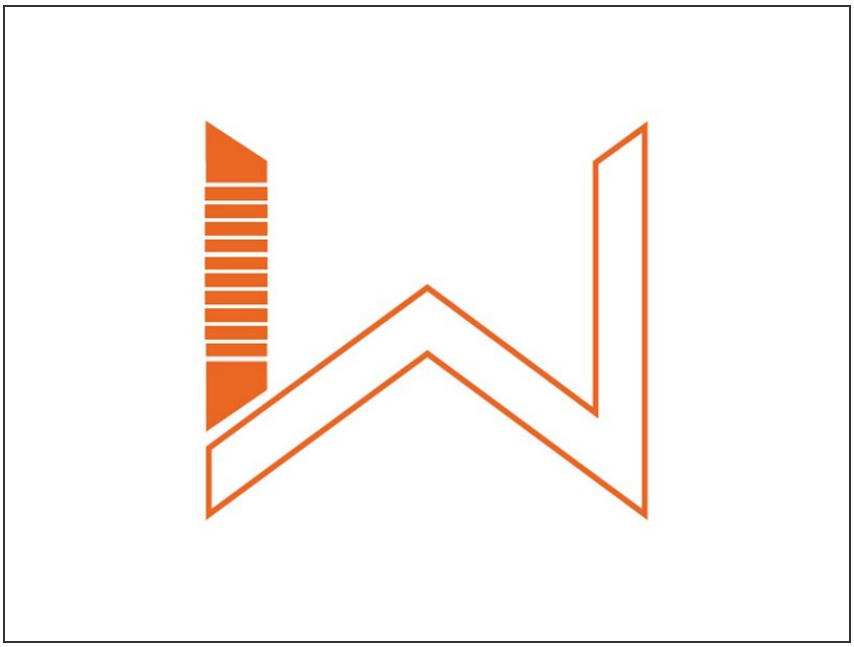
- 3/8" Ratchet (1)
- 10mm Socket (1)
- 12mm Socket (1)
- 14mm Socket - Deep (1)
- 17mm Socket - Deep (1)
- 17mm Box-End Wrench (1)
- 3/8" Torque Wrench (1)
- Phillips Screwdriver (1)
- Flathead Screwdriver (1)
- Tongue and Groove Adjustable Pliers (1)
- Silicone Lubricant Spray (1)
- Hydraulic Jack (1)
- Jack Stand (2)

PARTS:

- 11th Gen Front Pipe (1)
- Tri-Bolt Gasket (1)
- 2&1 Gasket (1)
- M10x1.50x35mm Assembled Bolt (3)
- Step Washer - M10 (3)

© 2024

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

© 2024

Step 2 — Installing with 27WON Downpipe



If you will be installing the Front Pipe with the 27WON downpipe then use those instructions instead: L15-6-209-15 11th Gen Downpipe. Those instructions will refer back to these as needed

Step 3 — Put Car on Lift or Jack Stands

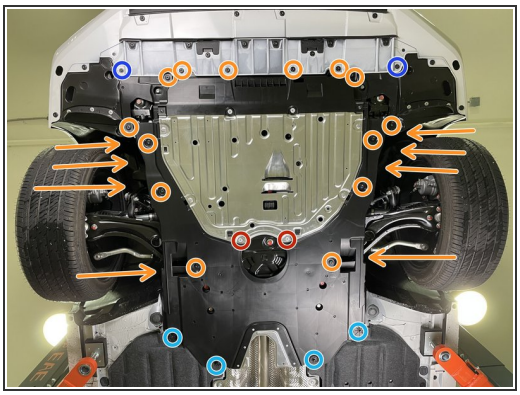


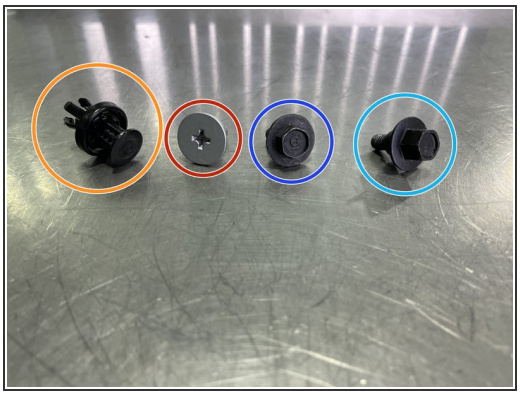
You will proceed to remove the OEM Front-pipe from the vehicle in the coming steps

⚠ The next steps will be performed underneath the vehicle. Please make sure vehicle is secured on a lift or jack stands

© 2024

Step 4 — Accessing the OE Exhaust - Part A





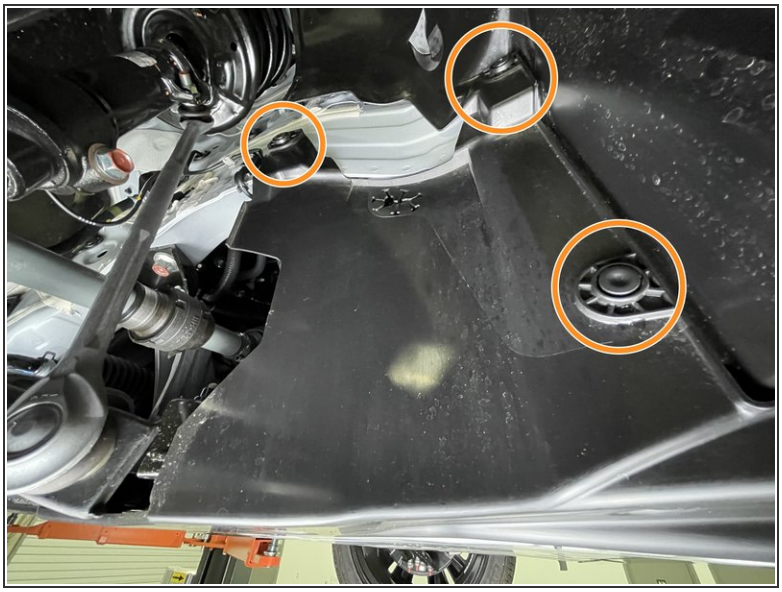


- Locate the Skidtray
- Use a flathead screwdriver or a prying tool to remove the fourteen (14) plastic push-clips circled in orange. **Orange arrows identify the eight (8) additional push-clips described in the next step that are removed last**
- Use a #2 Philips head screw driver to remove the two (2) Philips pan head screws shown in red circles
- Use a 10mm socket and ratchet to remove the two (2) short head shoulder bolts shown in dark blue circles
- Use a 10mm socket & ratchet to remove the four (4) tall head shoulder bolts shown in light blue circles
- We recommend using a prying tool like the one shown by the green square

© 2024

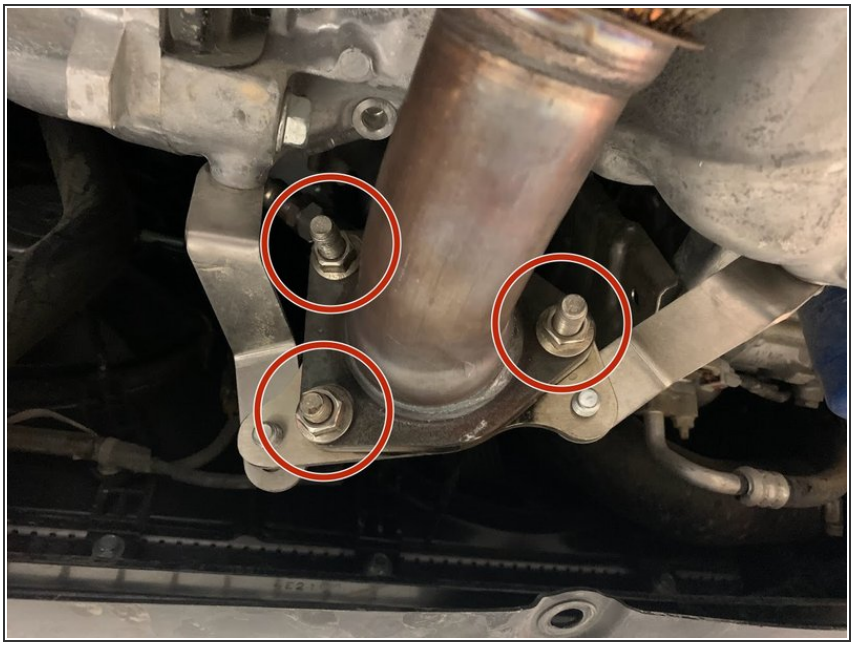
Step 5 — Accessing the OE Exhaust - Part B





- Use a large flat head screw driver or prying tool to remove the four (4) push-clips in each front wheel well

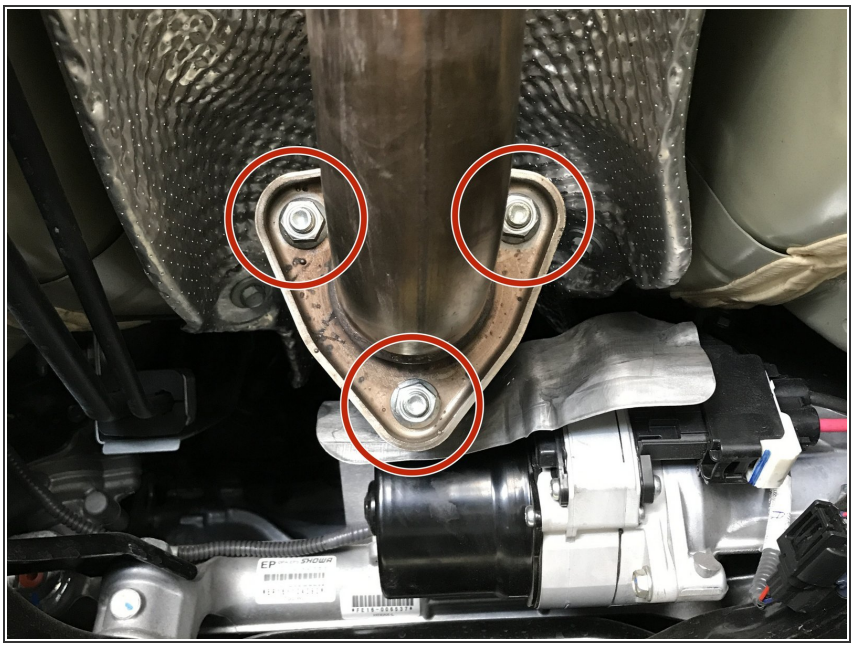
Step 6 — Disconnect Front-Pipe Flange to Downpipe



- 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

© 2024

Step 7 — Disconnect OE Front-Pipe Flange

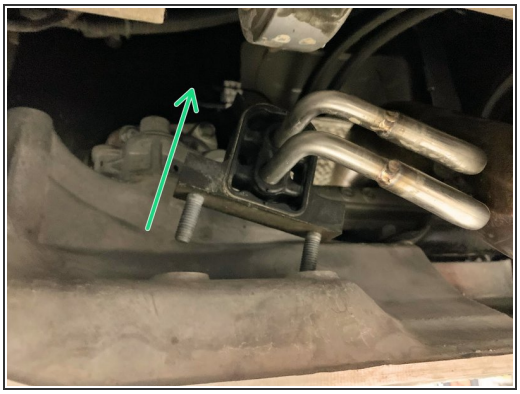


- Locate the connection between the front-pipe and down stream exhaust
- ⚠ Verify that the exhaust is not to hot to touch, if still hot use a fan to cool the exhaust piping before proceeding
- Use 14mm socket & ratchet to remove three (3) OE nuts in red circles, as shown

Step 8 — Disconnect Front Pipe Hanger







- Locate the OEM front pipe hanger. Directly under this hanger will be two bolts mounting the hanger to the chassis
- Using a 12mm socket, remove the bolts
- Free the hanger from its mounting location as shown

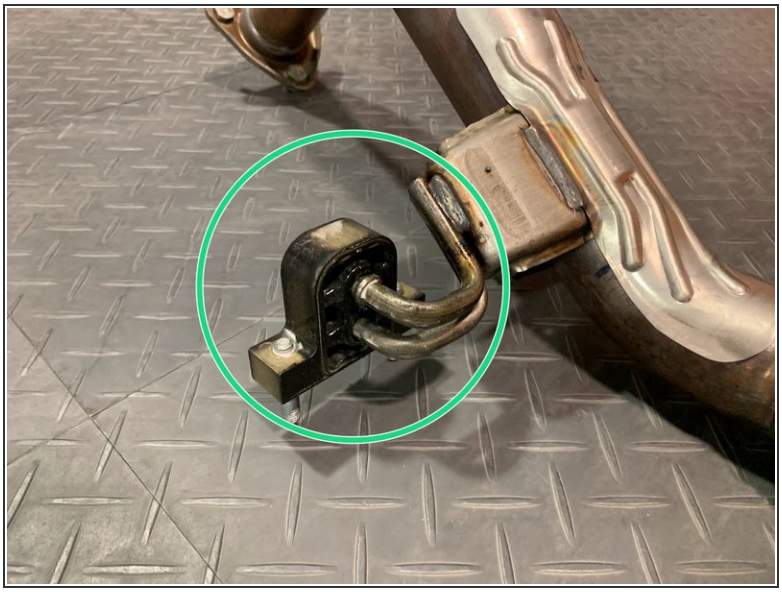
© 2024

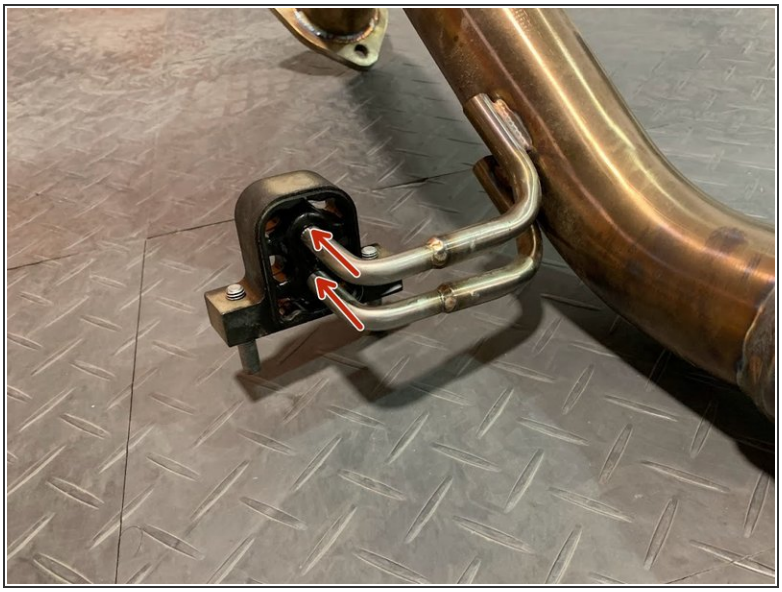
Step 9 — Remove the OE Front-Pipe



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

Step 10 — Swap Front Pipe Hanger

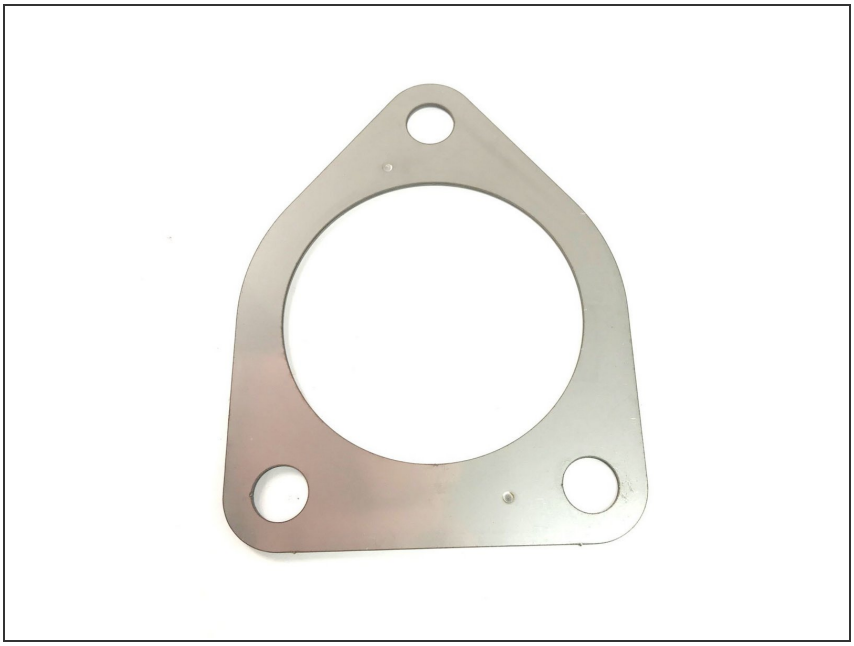




- Using a spray cleaner, lubricate the front pipe hanger and remove it from the OE front pipe using tongue & groove pliers
- Reinstall the hanger on the 27WON front pipe

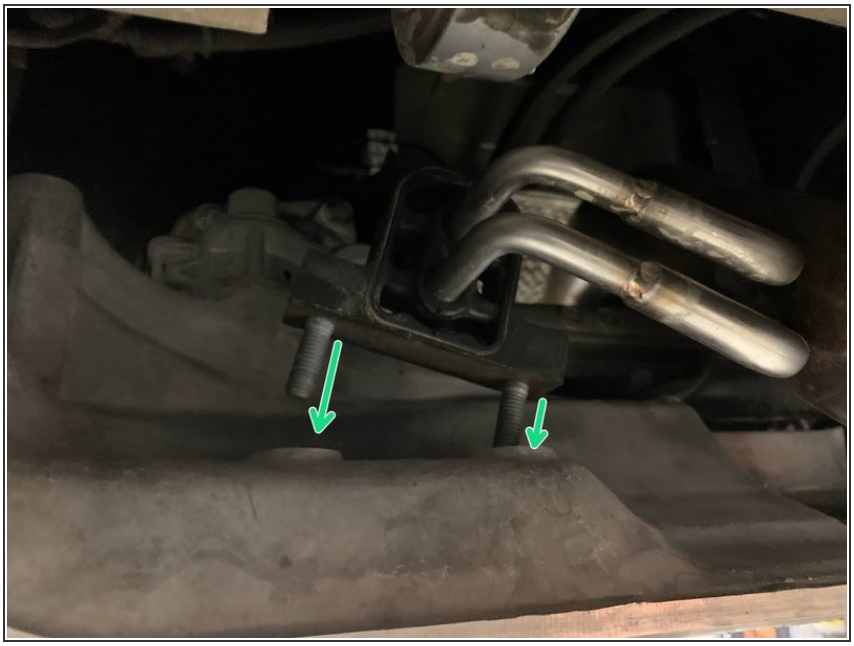
© 2024

Step 11 — Locate 2&1 MLS Gasket for Downpipe to Front-Pipe Flange



- Locate the provided 2&1 MLS gasket for front-pipe installation

Step 12 — Install the 27WON Front Pipe



- Guide the 27WON front pipe into the car
- Guide the front pipe support studs back into their location

© 2024

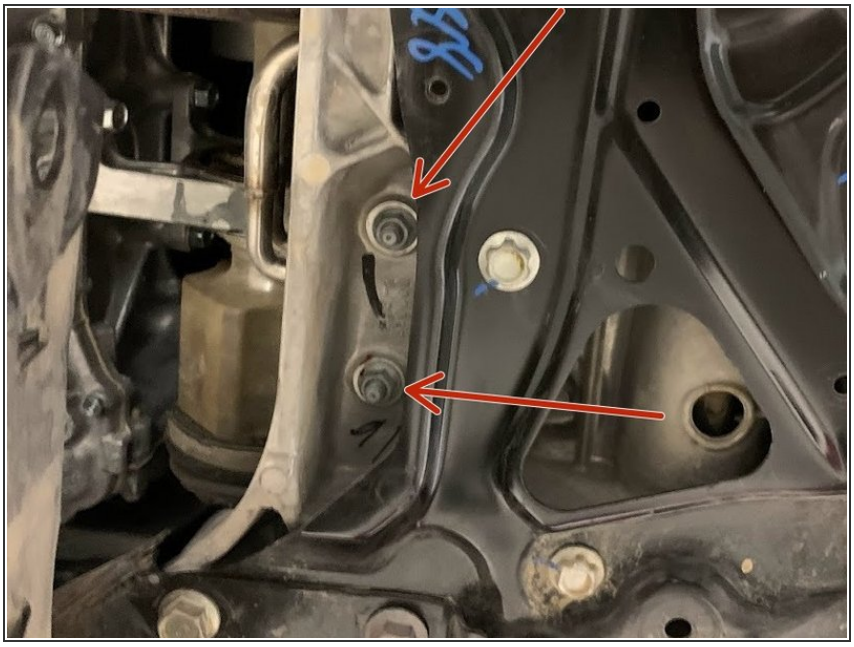
Step 13 — Installing the 27WON Front-Pipe Part A





- Install the provided 2&1 MLS gasket on the downpipe flange
- 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

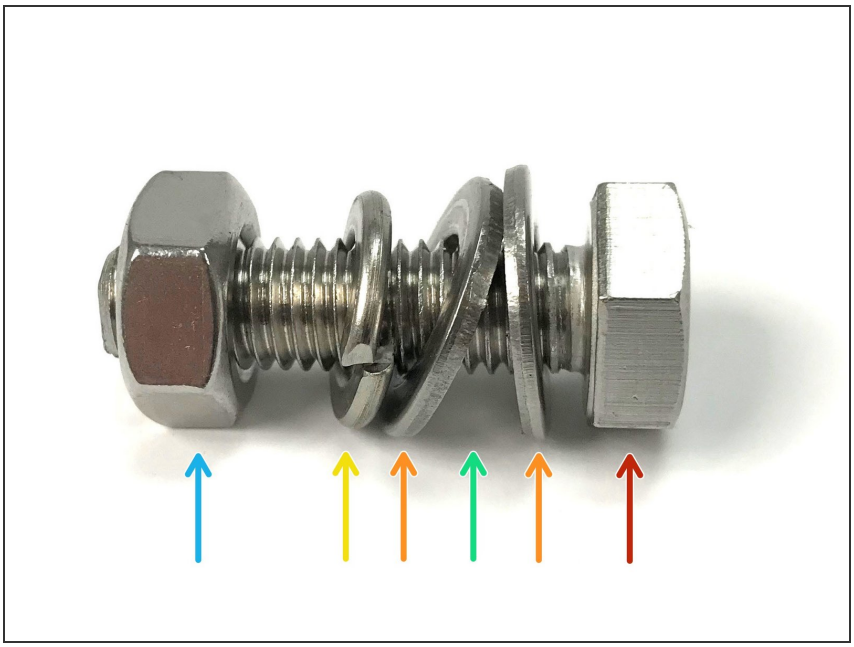
Step 14 — Bolt Down the Front Pipe Hanger Support



- Using a 12mm socket, reinstall the (2) bolts to secure the front pipe support to the chassis

© 2024

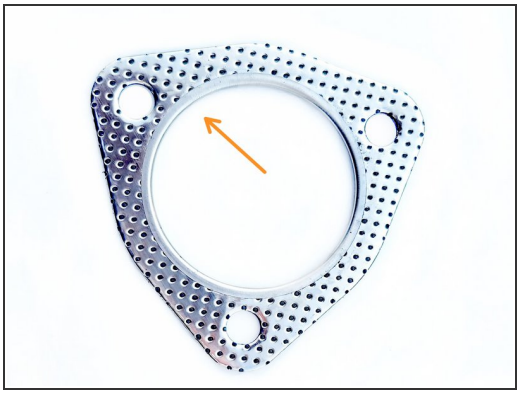
Step 15 — Tip: Hardware Setup & Assembly

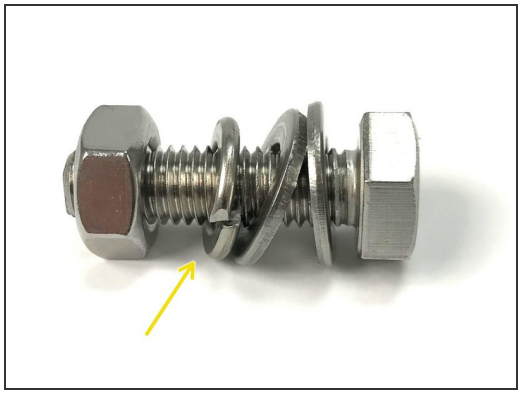


ⓘ The location of the flat washers, flanges, and split lock washer are critical for proper fastening and vibration resistance.

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

Step 16 — Locate "Tri-Bolt" Gasket & Hardware



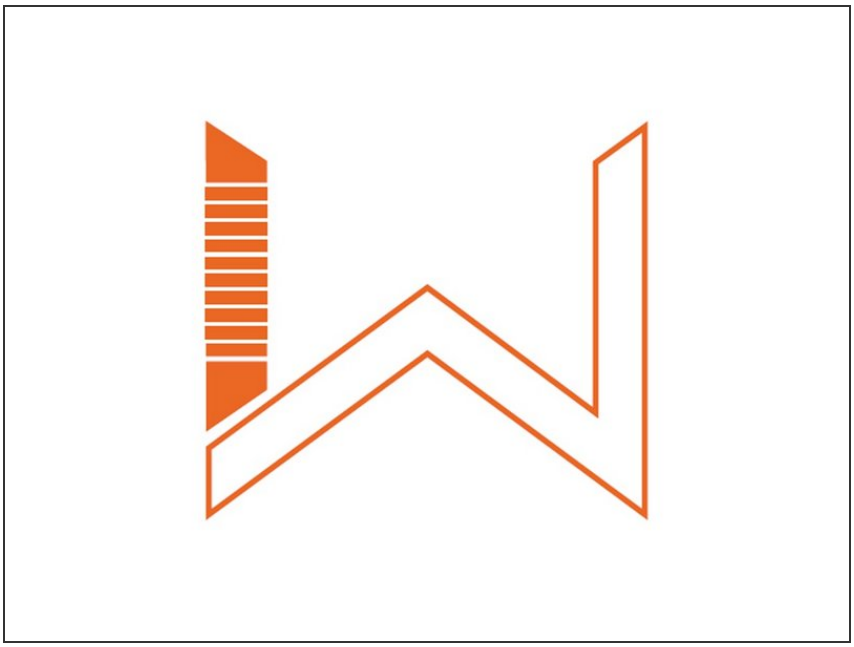




- Locate the provided "tri-bolt" gasket for front-pipe installation
- Locate QTY=3 provided 35mm length assembled M10 bolts
- Locate QTY=3 provided step washers

© 2024

Step 17 — Advisory: Front-Pipe Installation

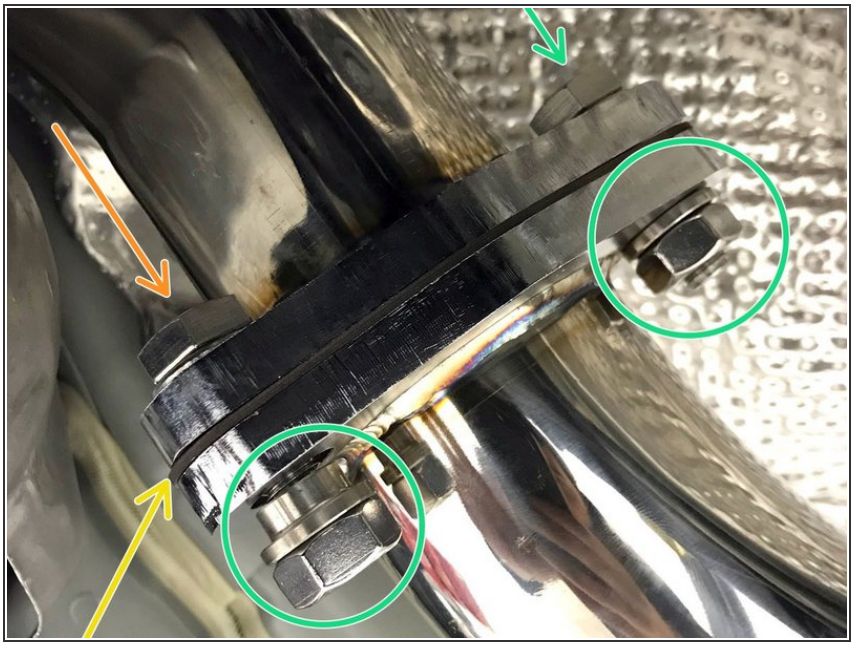


For your assistance in installing the 27WON Front-Pipe, we have laid out the installation with the 27WON Front-Pipe Back Exhaust and OE Front-Pipe Back Exhaust

- Step 18 Shows the installation with the 27WON Front-Pipe Back Exhaust
- Step 19 Shows the installation with the OE Front-Pipe Back Exhaust

© 2024

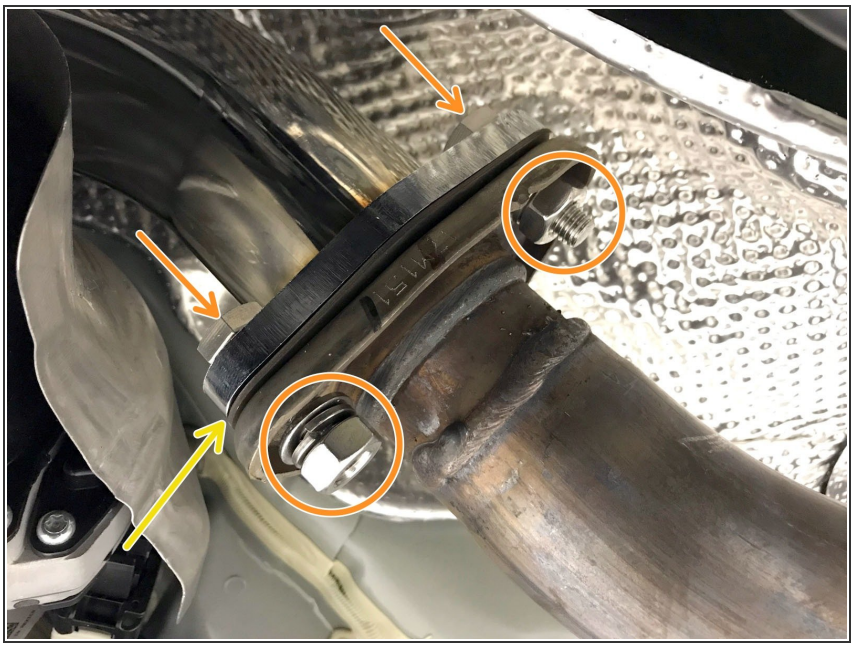
Step 18 — Connecting Front-Pipe to 27WON Exhaust



- If you are connecting to the OE front-pipe back exhaust, skip to Step 19
- 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 washers 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**

© 2024

Step 19 — 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 15 for hardware setup
- Install the remaining washers and nuts. Use a 17mm socket & torque wrench to **torque the bolts to 30-40 ft-lbs**

© 2024

Step 20 — Check for Leaks and Rattles

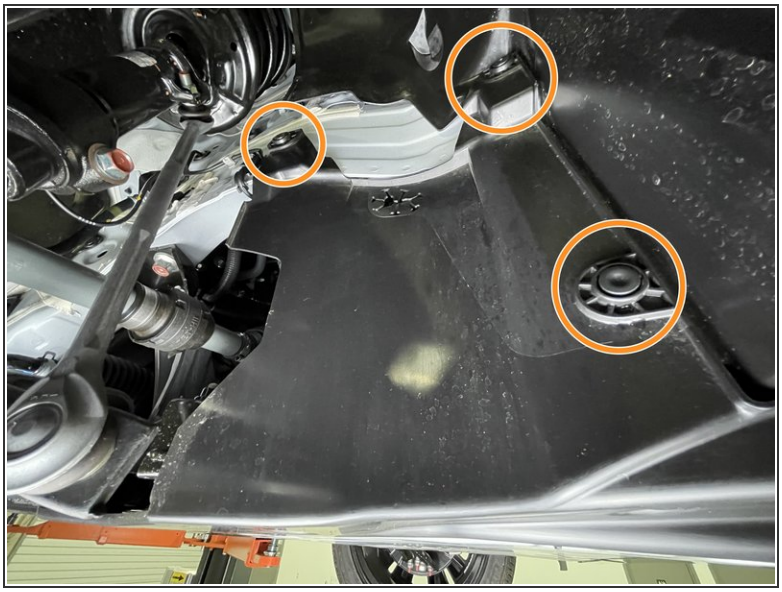


- Start the vehicle to check for leaks or rattles. If none, then take a spin around the block for further verification. If you do find a leak or rattle, please inspect the exhaust further
  - A leak could be caused by a loose flange bolt, improperly used gasket, or if debris is stuck between the gasket 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

© 2024

Step 21 — Re-Install Undertray - Part 1

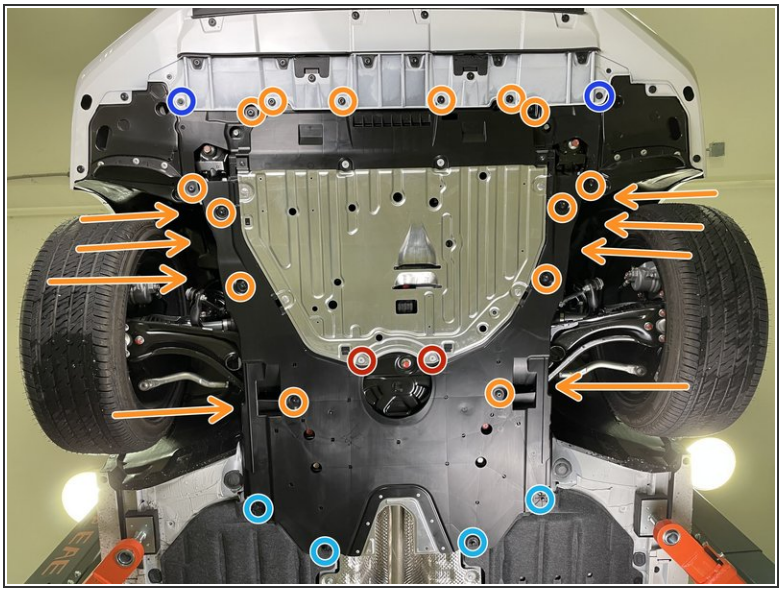


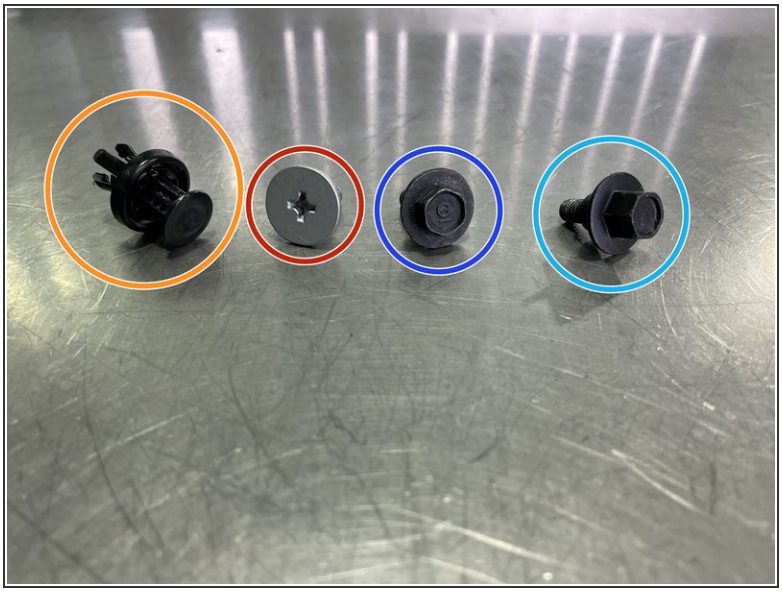


- Reinsert the (4) push pins into the mounting spots as shown
- Repeat this step on the other side

© 2024

Step 22 — Re-Install Undertray - Part 2

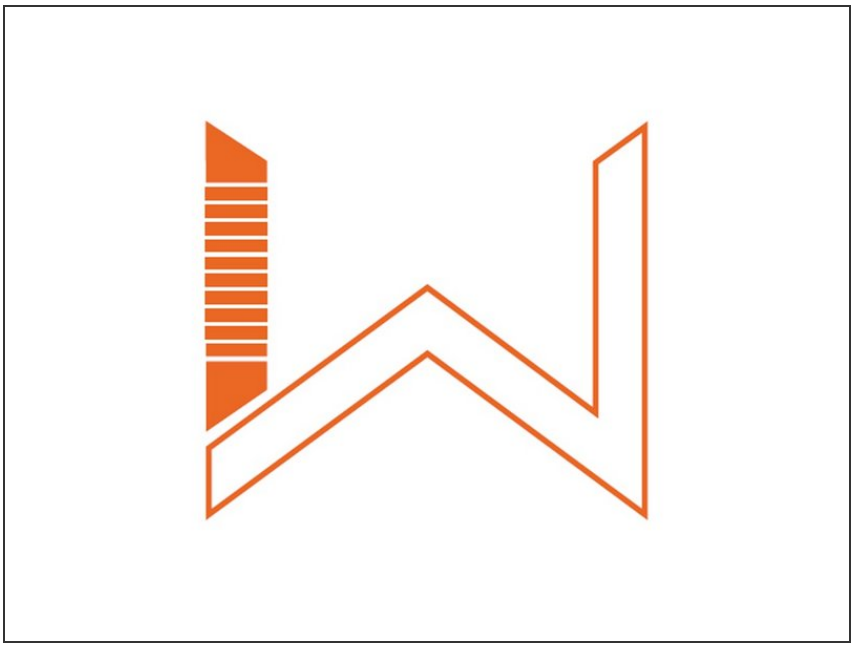




- Reinstall the fourteen (14) plastic push-clips circled in orange
- Using a Philips head screw driver, reinstall the two (2) Philips pan head screws shown in red circles
- Using a 10mm socket and ratchet, reinstall the two (2) short head shoulder bolts shown in dark blue circles
- Using a 10mm socket & ratchet reinstall the four (4) tall head shoulder bolts shown in light blue circles

© 2024

Step 23 — I Dare You to REDEFINE



- This completes the installation of your 27WON Performance Front-Pipe
- 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/1.5t-front-pipe-...
- Share your experience using #27WON on Instagram and Facebook

© 2024