27WON

L15-6-329 Short Ram Intake

Written By: Jacob miller-self



This document was generated on 2023-08-18 04:08:18 PM (MST).

© 2023

INTRODUCTION

In this installation guide we have provided step by step instructions to remove the OEM intake then install the 27WON Short Ram Intake (SRI).

Advisory:

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

TOOLS:

- 3/8" Ratchet (1)
- 3/8" Long Extension (1)
- 10mm Socket (1)
- 5.5mm Socket (1)
- Phillips Screwdriver - Small (1)
- Hex Wrench, T-Handle 3mm (1)
- Push Clip Removal Tool (1)

PARTS:

- Short Ram Intake Assembly (1)
- SRI Bracket (1)

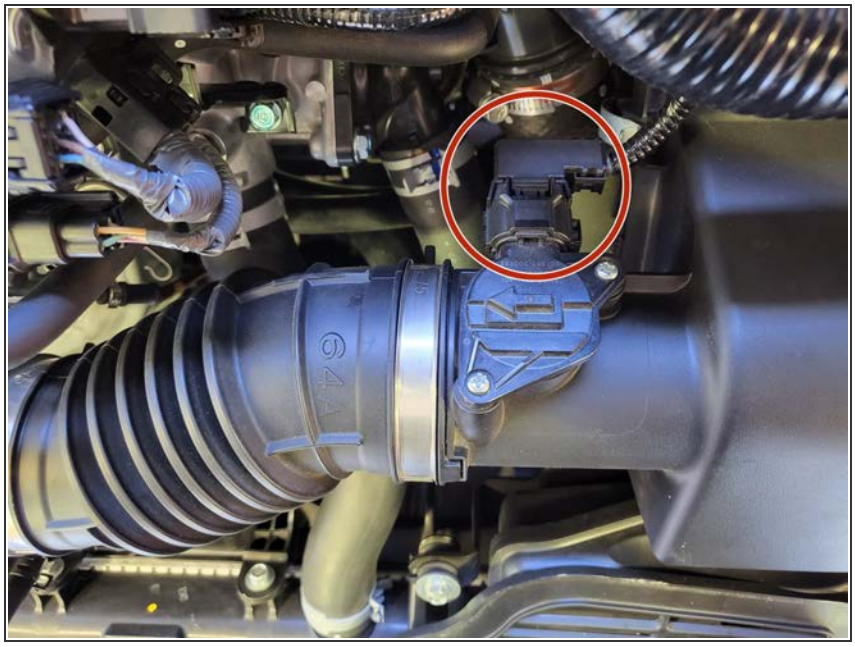
© 2023

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
- This guide describes a process to install your new Short Ram Intake (SRI)
- The SRI comes assembled to reduce install complexity. Components can be loosened and adjusted as needed to improve fitment if needed

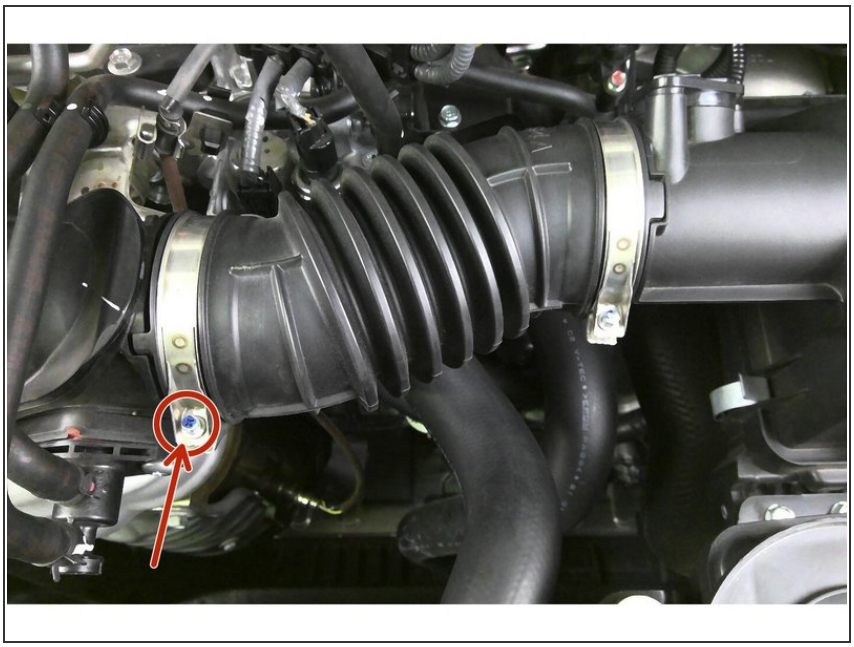
Step 2 — Unplug MAP Sensor



- Open the hood to gain access to the intake air box
- Unplug the connector for MAF sensor using your fingers

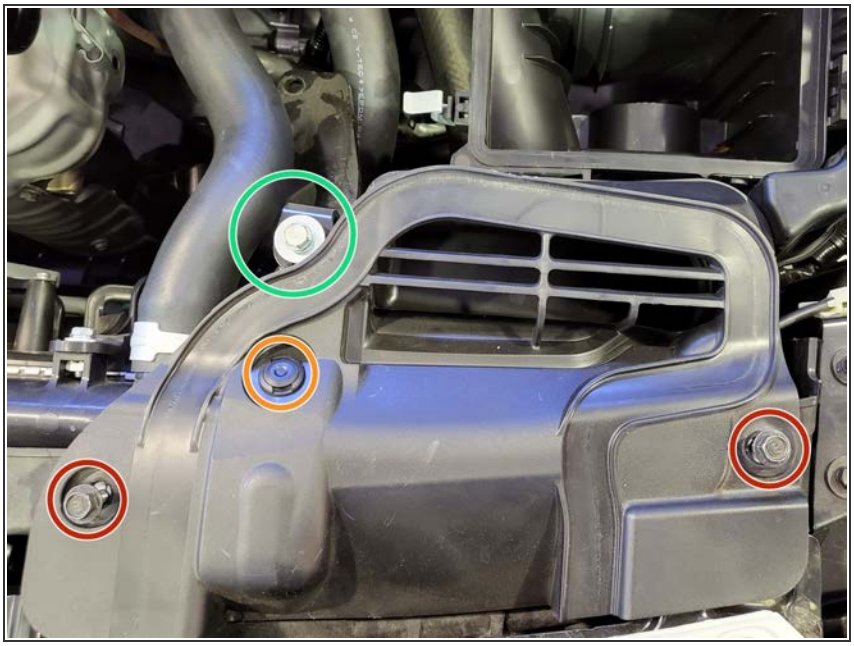
© 2023

Step 3 — Loosen Clamp On Factory Air Intake Tube



- Use a 5.5mm socket and 3/8" ratchet or a small Phillips screwdriver to loosen the clamp circled in red
- Tube should be able to freely pull off the turbo inlet pipe

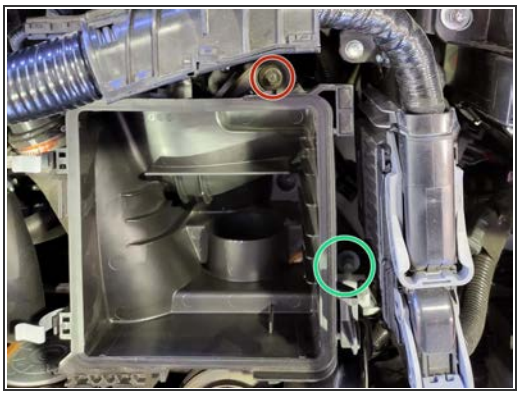
Step 4 — Remove Inlet Bolts and Clips

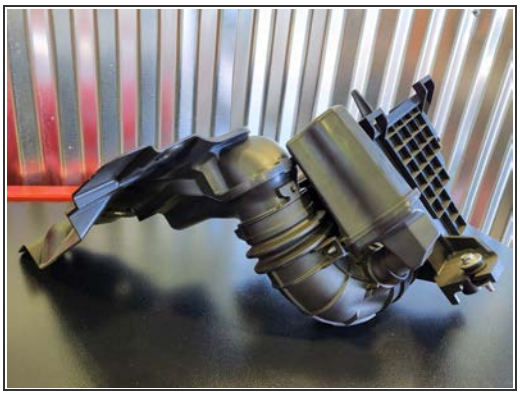


- Use a 3/8" drive ratchet and a 10mm socket to remove two (2) bolts that holds the intake duct
  - ⓘ Image shows airbox lid removed but that is not necessary
- Use a panel clip tool to remove one (1) clip
  - ⚠ Plastic clip breaks very easily. Use Caution
- Use a 3/8" drive ratchet and a 10mm socket to remove the bolt to intake bracket as shown

© 2023

Step 5 — Remove Bolt Then Intake Assembly





ⓘ Intake shown without lid and filter for clarity

- Use a 3/8" rachet, a long extension, and a 10mm socket to remove lower intake bolt as shown
- Wiggle the airbox and pull it up at the same time to loosen the airbox from the rubber bushing

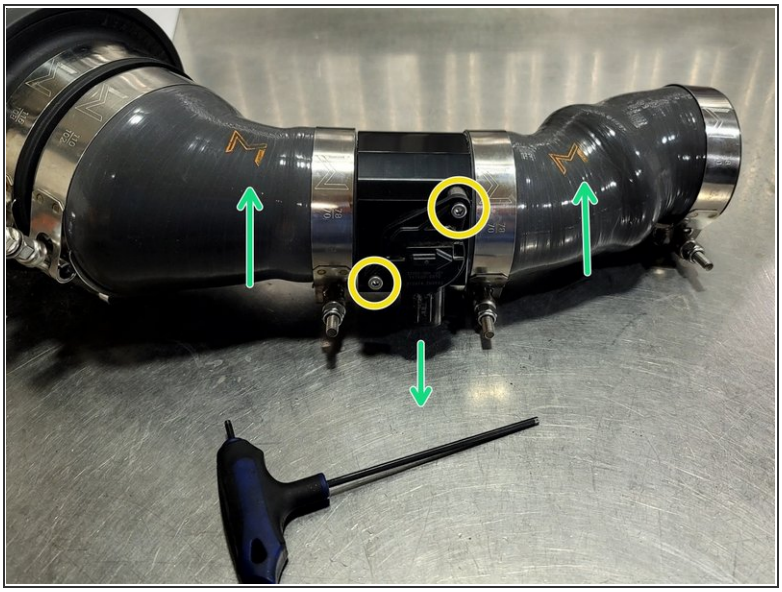
⚠ This can be a PITA and you can get hurt when it breaks loose. Use Caution

ⓘ Once you free the intake assembly from the bushing mount, it will easily come out of the car

© 2023

Step 6 — Swap MAF Sensor to SRI

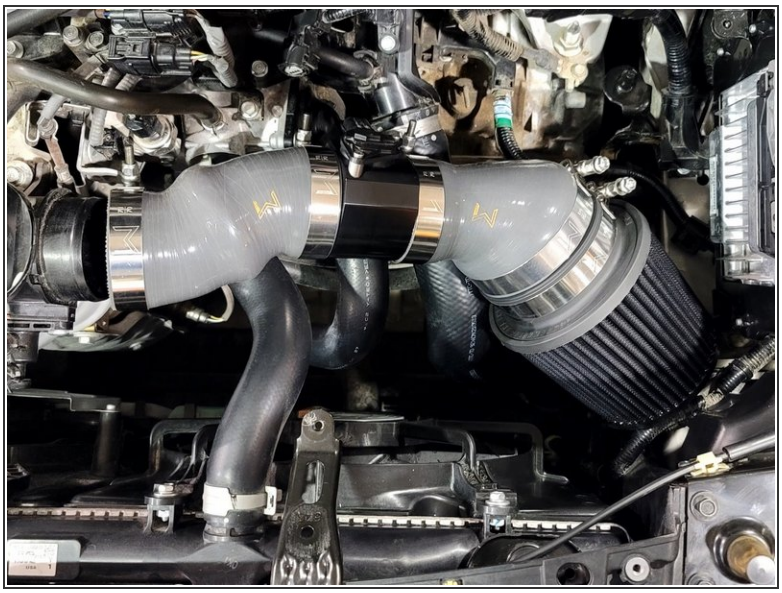


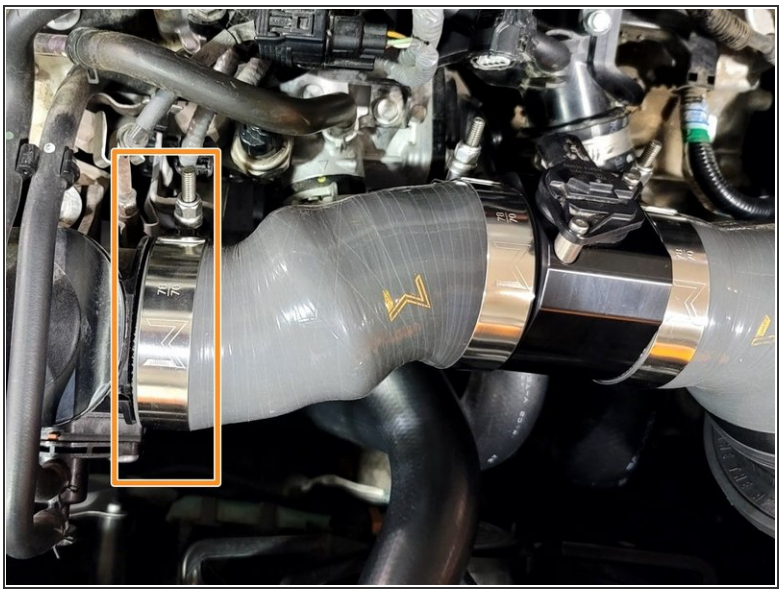


- Using a small Phillips screwdriver, remove both screws securing MAF sensor to OE Intake
  - Use care when handling this sensor. It should not be dropped, abused, or otherwise gotten dirty
- Orient SRI and MAF sensor as shown. Notice "W" logos and plug on MAF sensor
- Gently install MAF Sensor in SRI using the provided socket cap screws and a 3mm hex wrench or bit
  - You should be able to press MAF sensor into the bore by hand. Do so evenly

© 2023

Step 7 — Mount SRI to TIP





- Place SRI in engine bay as shown
- Use provided 70-78 T-bolt clamp to securely attach SRI assembly to the turbo inlet pipe (TIP) as shown

© 2023

Step 8 — Loosely Attach SRI Bracket

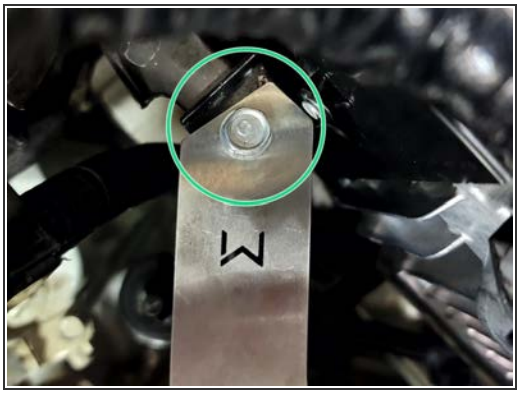




- Remove both M6 nuts as shown. There are washers under the nuts. Those remain in place
- Set bracket over clamp nuts and finger tighten the same two M6 nuts back in place
- Remove bolt from ECU bracket as shown with 3/8" ratchet, extension and 10mm socket
- Pull the SRI bracket on top of ECU bracket and finger tighten bolt as shown

  ⓘ You may need to wiggle the ECU a bit to get bolt to seat

Step 9 — Secure SRI Bracket and Intake

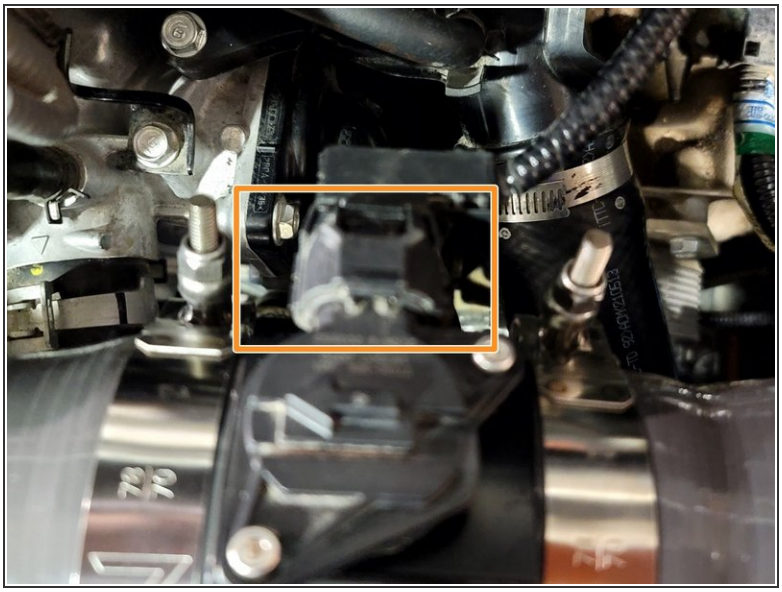




- Square up bracket at clamp end and secure nuts

  ⓘ You may need to pull on the filter a bit to maintain square
- Tighten nut at ECU bracket. This will position SRI into it's resting spot
- Verify proper clearance around filter. There should be about 1/4" minimum everywhere

© 2023

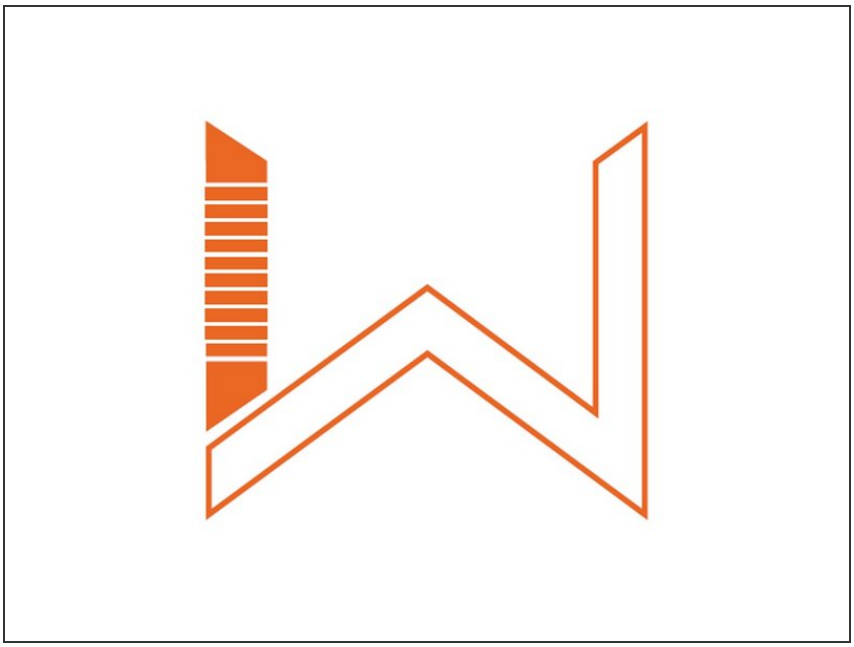
Step 10 — Reconnect MAF Sensor





- Reconnect MAF sensor as shown
  - ⓘ With SRI installed properly, there should be some give in the MAF wiring
- Optional: Remove Intake Bracket by taking out two bolts as shown with 10mm socket and ratchet

Step 11 — Final Notes & Tips

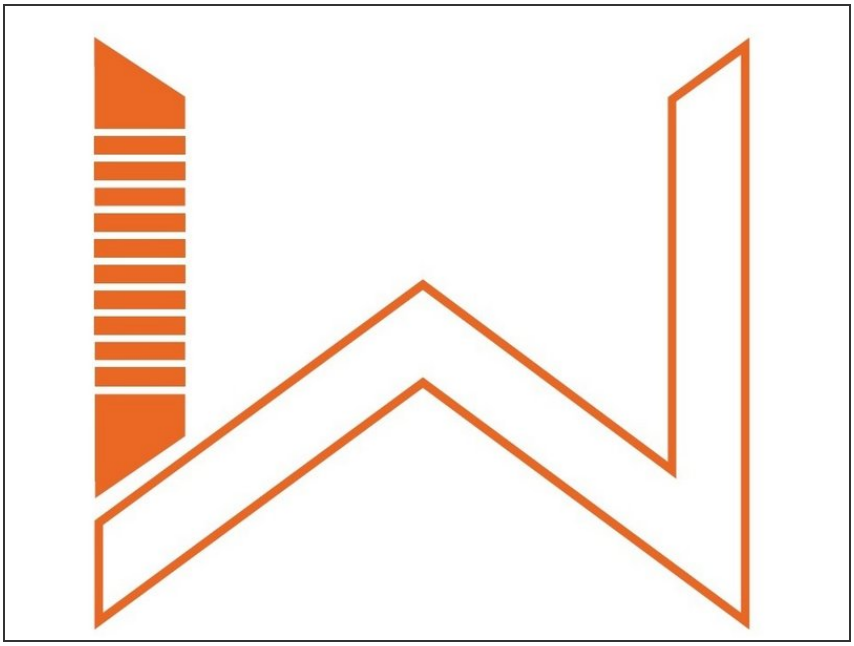


- You'll notice many new sounds with the SRI installed. You can hear the turbo spool and release pressure. This is normal, most people love these sounds and it's part of the reason people install SRIs
- SRIs can result in higher intake air temperatures. 27WON does not recommend running a SRI in the following scenarios
  - In the summer in very hot places

© 2023

- Regular, heavy stop and go driving for long periods of time

Step 12 — I Dare You to REDEFINE



- This completes the installation of your 27WON Short Ram Intake
- We hope you were impressed with your 27WON experience and love your new intake 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/honda-civic-acur...
- Share your experience using #27WON on Instagram and Facebook

© 2023