



# 27W-6-272 Overflow Tank - 11th Gen Civic SI and A-Spec Integra

Install instructions for the 27WON aluminum coolant tank for the 2021+ Civic SI and A-Spec  
Integra

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## INTRODUCTION

In this installation guide we provide step-by-step instructions to install the 27WON Performance Coolant Tank for 2022+ Civic SI and 2023+ A-Spec Integra

**Advisory:**

- Coolant is **very hot** after vehicle operation. Allow the engine to fully cool down before beginning work
- Fitment on RHD vehicles not yet confirmed
- 2.0L naturally aspirated vehicles not yet confirmed



### TOOLS:

- [3/8" Ratchet](#) (1)
- [10mm Socket](#) (1)
- [12" Extension](#) (1)
- [10mm Wrench](#) (1)
- [Needle Nose Pliers](#) (1)



### PARTS:

- [Aluminum Coolant Tank](#) (1)
- [M6 x1 .0 x12mm flanged bolt](#) (4)
- [M6x1.0 Flanged Nut](#) (1)
- [Coolant Tank Mounting Bracket](#) (1)
- [Coolant Tank Cap](#) (1)
- [OPT: Si Fitment Bracket](#) (1)

## 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
- ① These instructions were written using a 2022 Honda Civic Si and a 2023 A-spec Integra
- ① Check your service manual for coolant replacement interval to make sure your coolant does not need to be changed. Coolant should not be old/depleted. Old coolant can result in corrosion of various engine components including the coolant tank

## Step 2 — Identify Work Space



- Open the hood to access the OEM coolant reservoir

## Step 3 — Set Aside OE Coolant Reservoir



- Use your hand to pull the OE coolant line out of the plastic clip as shown
- Pull the OE reservoir straight up and out of the engine bay
  - ① This may take a little bit of effort the first time. You will feel a "pop" when the tank is free from the mounting bracket
- Set the coolant tank aside in a place it will not flip over and leak. If the engine is cold you can set it between the radiator and the turbocharger as shown

## Step 4 — Drain OE Coolant Reservoir

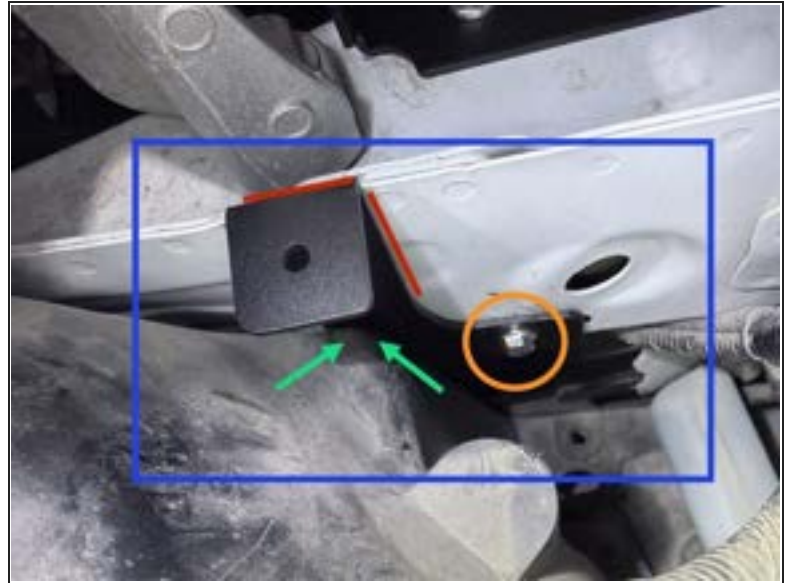


- To ensure a clean install, you will need to drain the OE coolant reservoir into another container
  - ⓘ If it has been more than 40,000-60,000 miles since your last coolant flush we recommend using new coolant to fill your 27WON Coolant tank
- Once the reservoir is completely empty use your hand to pull the OE coolant hose off of the OE reservoir
  - You may need to twist the line to break it free from the reservoir
- Remove the OE reservoir from the engine bay
- Bend the OE coolant hose in half and push it into the plastic radiator shroud as shown
  - ⓘ This will prevent the line from leaking, and keep it out of your way!

**Step 5 — Remove OE Reservoir Mounting Bracket**

- Use a 10mm socket, a 12" extension, and a 3/8" drive ratchet to remove the two bolts securing the OE bracket
- Remove the OE bracket from the engine bay as shown. The bolts will be reused. The bracket will not be reused

## Step 6 — Si Only - Lower Bracket Install



- ① Integra owners should skip to the next step
- The lower bracket is only used for Si applications and will be installed in this area shown
- A side view is shown to make it a bit easier to locate the mounting hole for the bracket
- The bracket should slip behind the liner as shown
- Hand thread (1) M6 flange bolt through the bracket and into the chassis
- Use a 10mm socket and a 3/8" drive ratchet to torque the bolt securing the bracket to the chassis snug
- Note the position of the bracket here. Do not let the bracket twist while fastening snug
- ① "torque to snug" is defined as 1/4 to 1/2 more rotation after setting resistance is felt

## Step 7 — Install 27WON Mounting Bracket



- ① "torque to snug" is defined as 1/4 to 1/2 more rotation after setting resistance is felt
- The provided 27WON bracket will mount in the orientation shown
- Thread the two OE bracket bolts through the 27WON bracket into the chassis as shown
- With the both bolts threaded into the chassis, use a 10mm box end wrench to torque both bolts to snug

**Step 8 — Install 27WON Coolant Tank - Part A**

- The 27WON coolant tank will go into the engine bay in the orientation shown
- Carefully insert the 27WON coolant tank into the engine bay as shown
- You may need to rotate the coolant tank as you lower it into the engine bay to clear the back side of the headlight, especially in the Integra (shown)

**Step 9 — Install 27WON Coolant Tank - Part B**

- Thread the provided M6x12mm bolt through the mounting hole on the front side of the coolant tank into the 27WON mounting bracket as shown
- Thread the provided M6x12mm bolt through the mounting hole on the back side of the coolant tank into the chassis as shown
  - ⓘ Integra shown. Si similar, but will use provided M6 flange nut to secure this mounting location. Snug flange nut against M6 bolt
- Thread the provided M6x12mm bolt through the mounting hole on the drivers side of the coolant tank into the 27WON bracket as shown
- Use a 10mm socket, a 12" extension, and a 3/8" drive ratchet to torque all three bolts securing the 27WON coolant tank to snug

## Step 10 — Route & Install Breather Hose



- Optional: Using your fingers, or a pair of needle nose pliers, press in the two plastic tabs shown and remove the OE line clip as shown
- Route the OE coolant hose underneath the AC hard line towards the coolant tank as shown
- Press the coolant hose over the coolant tank barb fitting as shown

## Step 11 — Fill Coolant Tank



⚠ Keep an eye out for any coolant spills while filling the tank and promptly clean them up

- Add new coolant to the reservoir to the bottom to middle of the sight glass. If you are reusing your old coolant then proceed to the next step
- If you are reusing your coolant, the OE reservoir holds enough coolant to be just barely visible through the 27WON sight glass. This is fine. As long as you can see coolant on the sight glass there is enough in the tank
- If you have spare coolant then top off your tank until the coolant is in the middle of the sight glass
- ① It's best not to fill the tank past the middle of the sight glass. An overfilled tank can result in splashing that allows coolant to seep from the cap

## Step 12 — Install Coolant Tank Cap



- When installing your 27WON coolant tank cap you will notice the breather hole on the coolant tank and a raised seal on the cap. These allow your tank to vent just like the OE tank
  - ① It's normal that a small amount of coolant appear in this area
  - ① Neither the OE tank or the 27WON tank should pressurize during use
- Install your 27WON coolant tank cap by hand to finish up the install

## Step 13 — I Dare You to REDEFINE



- This completes the installation of your 27WON Performance Coolant Tank
- We hope you were impressed with your 27WON experience and love your new Coolant Tank for years to come. Email us at [sales@27won.com](mailto:sales@27won.com) or call us at 571-271-0271 with any questions or concerns
- Please Leave a review here: <https://store.27won.com/2022-civic-si-in...>
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