

# 27WON

## 27W-3-030-1X 10th Gen Brake Master Brace for FSTB

Written By: Dozuki System



# INTRODUCTION

In this installation guide we have provided step by step instructions to install the 27WON Performance Master Cylinder Brake Brace onto the 27WON Front Strut Tower Bar.

**Advisory:**

- The engine bay 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)
- [10mm Wrench](#) (2)
- [10mm Socket](#) (1)
- [3/8" Torque Wrench](#) (1)



## PARTS:

- [Brake Brace](#) (1)
- [M6x1.0x25mm Flanged Bolt](#) (2)
- [M6x1.0 Flanged Nuts](#) (2)
- [Brake Brace Foot](#) (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
- ⓘ These instructions were written with a 2018 Civic Type R and 2018 Honda Civic SI. Other models will be similar
- ⚠ These instructions are for 10th Generation Honda Civic. For 2022+ use these [instructions](#)


## Step 2 — Prior Installs Nessary



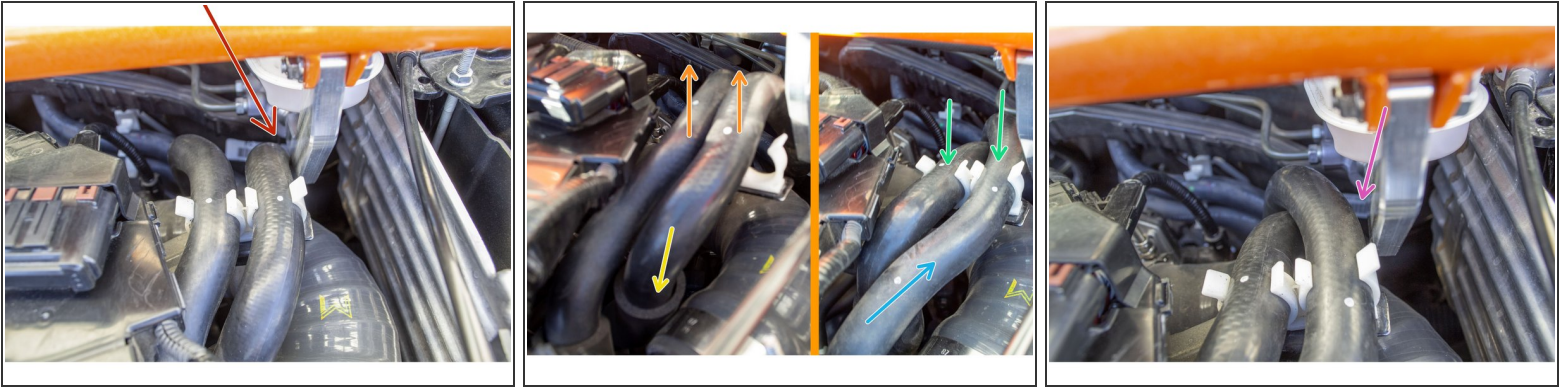
- Please note that this is an upgrade for the 27WON FSTB only. 27WON FSTB must be installed prior to starting this install.
- If you need the 27WON FSTB instructions click here:  
<https://www.performanceinstalls.com/Guid...>
- If you don't have a 27WON FSTB yet then you can purchase one here:  
<https://store.27won.com/civic-10thgen-fr...>


### Step 3 — Locate the Brace Mounting Tabs on the FSTB



- The red arrow shows where the brake brace mounting tabs are located on the front strut tower bar (FSTB)
  - The blue arrow shows where the mounting tabs are located with the FSTB installed on the car, it will be on the side closest to the battery
  - The orange lines show that the mounting tabs will be in line with the master brake cylinder
  - The green circle shows the surface on the master brake cylinder where the brake brace foot will rest
-  Silver color FSTB is used only for install instruction, actual color will vary

## Step 4 — Move the Coolant Lines

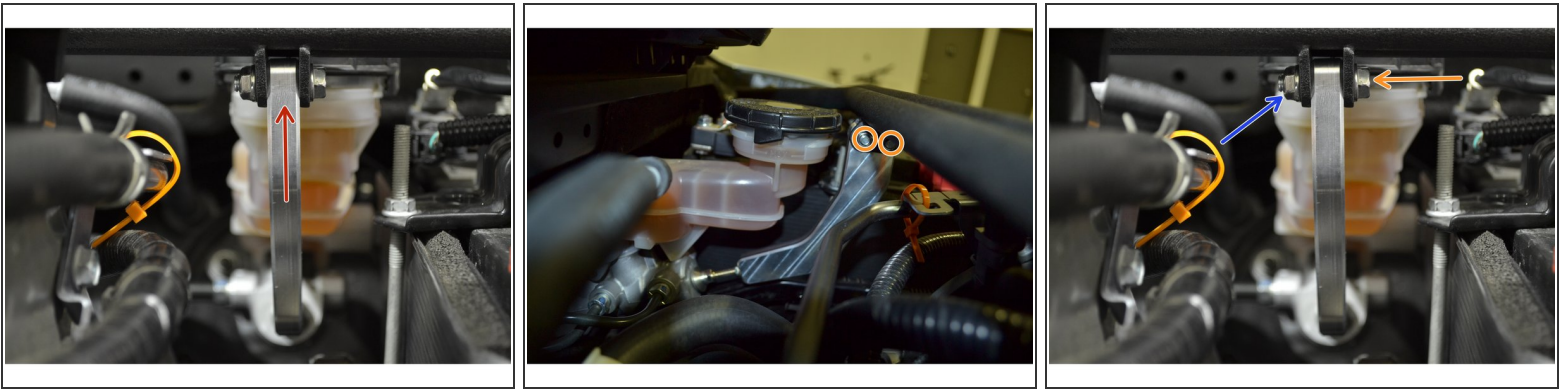



 Civic Type-R owners should skip to the next step.

 Failure to move coolant lines could result in coolant leak due to damaged lines

- The red arrow shows where the contact will occur if this step is not followed
- Unclip both coolant lines
- Notice that the left coolant line is farther forward than the right coolant line
- Move the left coolant line so that it crosses over the right coolant line as shown
- Clip the left coolant line into the right clip and the right coolant line into the left clip
- When these steps are done correctly, the brake brace will have plenty of clearance as shown by the pink arrow

## Step 5 — Test Fit the Brake Brace

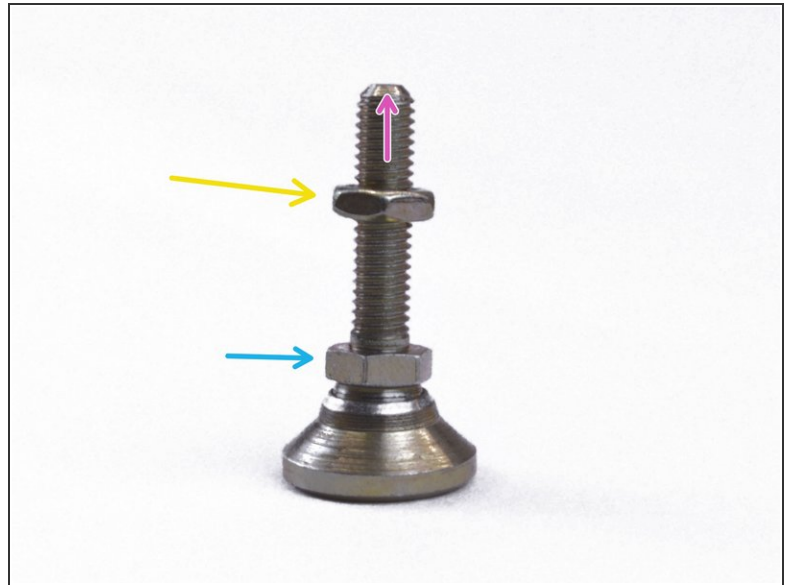
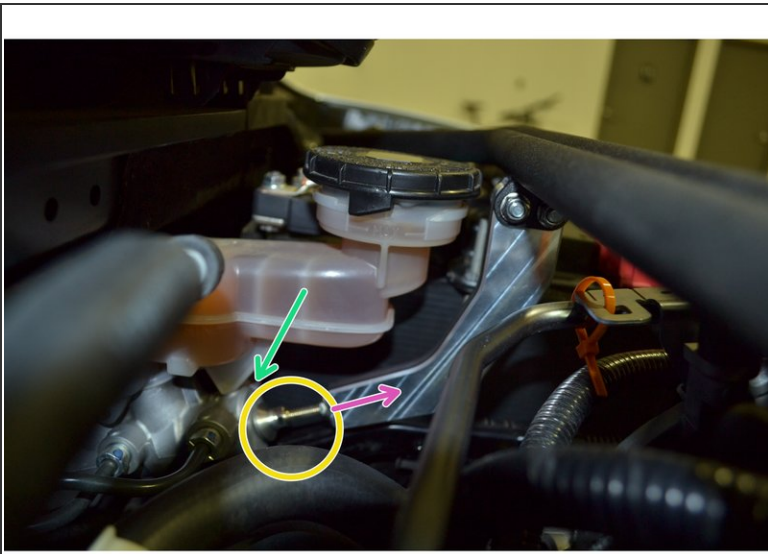


 Please note the brake brace shown is a prototype brake brace, actual brake brace shape will vary depending on vehicle model.

- Insert the brake brace into the tabs and align the holes in the brake brace with the holes in the mounting tabs
- Insert the two M6 x 1mm x 25mm bolts through the holes in the mounting tabs as shown
- Loosely thread the two M6 nuts onto the bolts to hold the brace in place



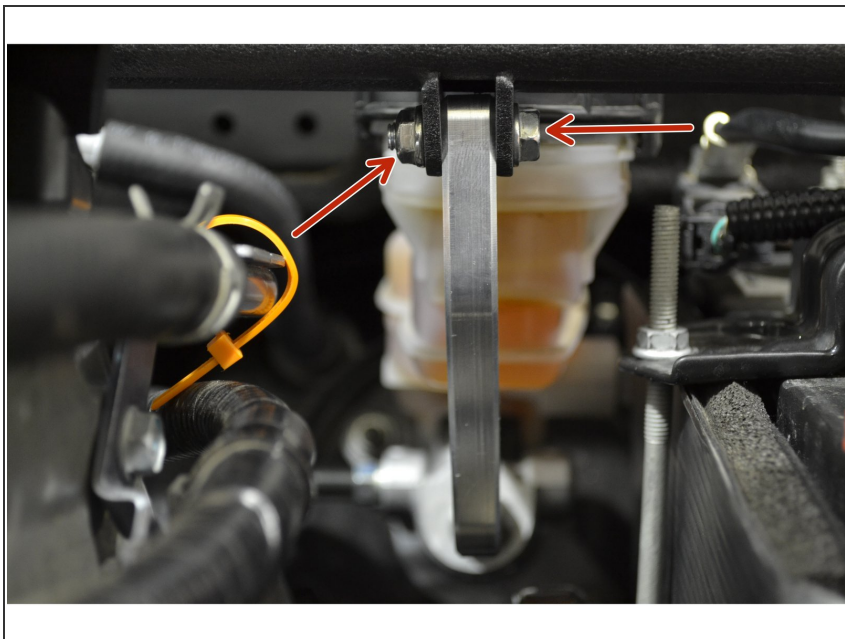
## Step 6 — Adjust the Brake Brace Foot



- With the brake brace loosely installed check the fitment of the brake brace foot to determine how much adjustment is needed.
- To adjust the brake brace foot, circled in yellow, thread the top nut, shown by the yellow arrow, toward the bottom of the foot with a 10mm open end wrench
- The brake brace foot can now be adjusted in or out by turning bottom nut, shown by the blue arrow, with a 10mm open end wrench
- Once you have adjusted the brake brace foot to the proper location, then with a 10mm open end wrench, thread the top nut towards the brake brace until the nut butts up against the brake brace



## Step 7 — Tightening the Hardware



- With the brake brace foot adjusted, tighten the M6 bolts and nuts installed earlier using either two 10mm wrenches or one 10mm wrench and a 10mm socket with a ratchet, tighten until snug (24-48 in-lbs)

## Step 8 — I Dare You to REDEFINE



- This completes the installation of your 27WON Performance Master Cylinder Brake Brace
- We hope you were impressed with your 27WON experience and love your new Master Cylinder Brake Brace 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
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