27W-3-789 10th Gen Civic Si Front Brake Pads

Front Brake Pad Replacement for 10th Gen Civic SI

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INTRODUCTION

In this installation guide we have provided step by step instructions to remove the OEM front brake pads and install the 27WON Performance replacement brake pads.

Advisory:

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

TOOLS:

- Hydraulic Jack (1)
- Jack Stand (2)
- 1/2" Torque Wrench (1)
- 1/2" Breaker Bar (1)
- 3/8" Ratchet (1)
- Lug Nut Socket (1)
- Brake Clean Spray (1)
- C-Clamp (1)
- 14mm Socket (1)

PARTS:

- Inner Brake Pad LH (1)
- Outer Brake Pad LH (1)
- Inner Brake Pad RH (1)
- Outer Brake Pad RH (1)

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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
- ⓘ These instructions reference "Left Hand" & "Right Hand" sides. Left Hand & Right Hand is always defined from the driver seat viewpoint
- For rear pad check out this guide.

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Step 2 — Access the Brake System & Identify Components

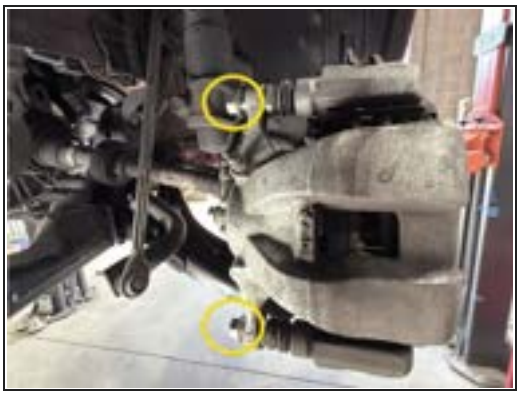




- Raise the vehicle and support with jackstands in the OE recommended locations
- Remove the front wheels/tires using your lug nut socket and breaker bar
- ⓘ The following instructions show the left-hand side removal of OE components and installation of 27WON replacement pads. The right-hand side is done with the same steps
- Identify Components
  - Brake Caliper
  - Brake Caliper Bracket

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Step 3 — Remove Brake Caliper





- Move to the back side of the caliper for the removal process
- Using a 14mm socket and a 3/8" drive ratchet, remove the two caliper slider bolts circled in yellow
- Remove the caliper from the rotor as shown
  - ⓘ If the rotor is heavily worn, you may need to spread the brake pads apart to gain the clearance needed to remove the caliper

⚠ Do not let the caliper hang from the brake line, this could cause damage to the line or fittings. Set on top of rotor as shown

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Step 4 — Remove OE Brake Pads





- Remove brake pad retaining clip by pulling out as shown. Set aside, it's reused
- Remove the outer brake pad. This will come straight out to the side as shown
- Remove the inner brake pad. This will come straight out to the side as shown
- Lay out your 27WON replacement pads to make sure you have the correct pads for each side. Note, you'll have four total pads. Only one side is shown here
  - Inner
  - Outer
  - Wear indicator location

ⓘ Note, the wear indicator is only on the inner pad side

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Step 5 — Inspect OE Brake Components





- ⓘ Follow Factory Service Manual (FSM) for proper maintenance of braking system
- ⚠ Worn/damaged rotors or calipers can cause brake system failure and premature pad wear. Make sure your brake system doesn't need the other components serviced
- ⓘ These parts are shown off of the vehicle, but can still be easily inspected without removing them
- Verify the removed brake pads are worn even. Both ends of the pads should be roughly the same thickness. If your pads are wearing unevenly this could indicate a bad rotor or caliper. Your brake pads may look different than what's shown here
- Inspect your rotors for any cracks or gouges. The contact surfaces of your rotors should be smooth and flat. Damaged or warped rotors will cause excessive brake pad wear
- Rotors need to be a minimum thickness to be used. Consult FSM for this specification. Inspect the edge of your rotors for an excessive lip. A large lip on the edge of your rotor can be an indicator that it is time to replace the rotor
- Inspect your calipers for any cracking or obvious leaks
- Inspect your caliper piston boot for any rips or tears. This is may indicate that the caliper needs replaced

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Step 6 — Install 27WON Replacement Pads - Part 1





- Note the location of the brake pad retaining hardware. This is reused
- The top and bottom of the 27WON brake pads align into the groove of the brake pad retaining hardware as shown
- Install the outer brake pad into the caliper bracket by aligning the top and bottom edges and pushing at an angle as shown
- Repeat with the inner brake pad in the same way

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Step 7 — Install 27WON Replacement Pads - Part 2





- Note the wear indicator at the top of the inner brake pad. Only the inner brake pads will have such indicators
- Align the brake pad retaining clip in each brake pad and reinstall as shown
- Using a C-clamp or a caliper compressing tool as shown, compress the caliper piston enough for the caliper to slide over the new pads
  - ⓘ This step can be skipped if you already compressed the caliper or your OE pads were brand new

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Step 8 — Reinstall the OE Caliper





- Slide the caliper over the 27WON brake pads and OE rotor as shown
- Before proceeding, verify the brake pads are sitting in the caliper and caliper bracket as shown
- Using a 14mm socket and a 3/8" ratchet, reinstall the caliper slider bolts as shown and torque to **25 Ft/lbs**

Step 9 — Complete Right Hand Side Installation



ⓘ This completes the Brake Pad installation for the left hand side of the vehicle. The right hand installation process is the same

- Complete the right hand installation process starting on Step 3

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Step 10 — Reinstall Wheels



- Reinstall your wheels. Follow FSM for proper wheel lug nut torque. Lower your car back on the ground and proceed to bedding your new pads in following steps

ⓘ This completes the installation of the 27WON brake pads - The following step provides instruction for Brake Pad Bedding

Step 11 — Brake Pad Bedding Procedure



ⓘ Brake pad bedding is an essential process to the life and durability of the brake pads and rotors - for

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optimal brake pad performance please follow the steps below

⚠ Proper pad bedding slowly heats and cools the rotors & pads - do not hard brake during initial driving until after complete bedding procedure is complete

- Find an open road and accelerate to 30mph - Brake evenly and smoothly at ~50% effort until the vehicle is almost stopped, then accelerate to 30mph again
  - Repeat above step 8-10 times
- Find an open road and accelerate to 50mph - Brake evenly and smoothly at ~80% effort until the vehicle is almost stopped, then accelerate to 50mph again
  - Repeat above step 2-3 times
- Allow ~15min for brakes to cool - You can now use the brakes for normal driving

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Step 12 — I Dare You to REDEFINE



- This completes the installation & setup of your 27WON Performance Front Brake Pads
- We hope you were impressed with your 27WON experience and love your new brake pads 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/2016-civic-2023-...
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