

2023 Honda Civic Hatchback Type-R L4-2.0L Turbo (K20C1)

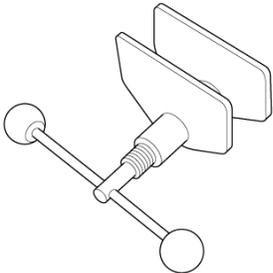
Vehicle > Brakes and Traction Control > Service and Repair > Removal and Replacement

## FRONT BRAKE AREA (TYPE-R)

### Front Brake Area

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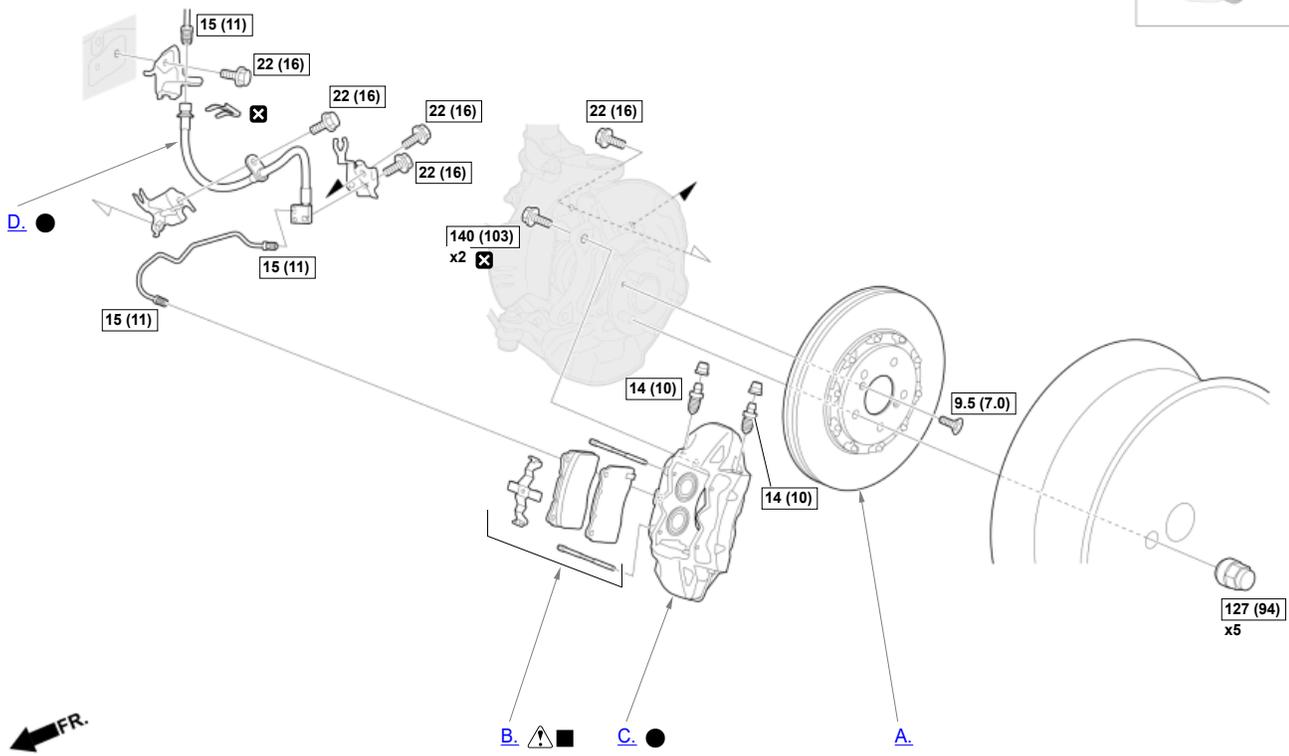
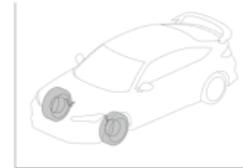
#### Special Tool Required

Image	Description/Tool Number
	Brake Caliper Piston Compressor 07AAE-SEPA101

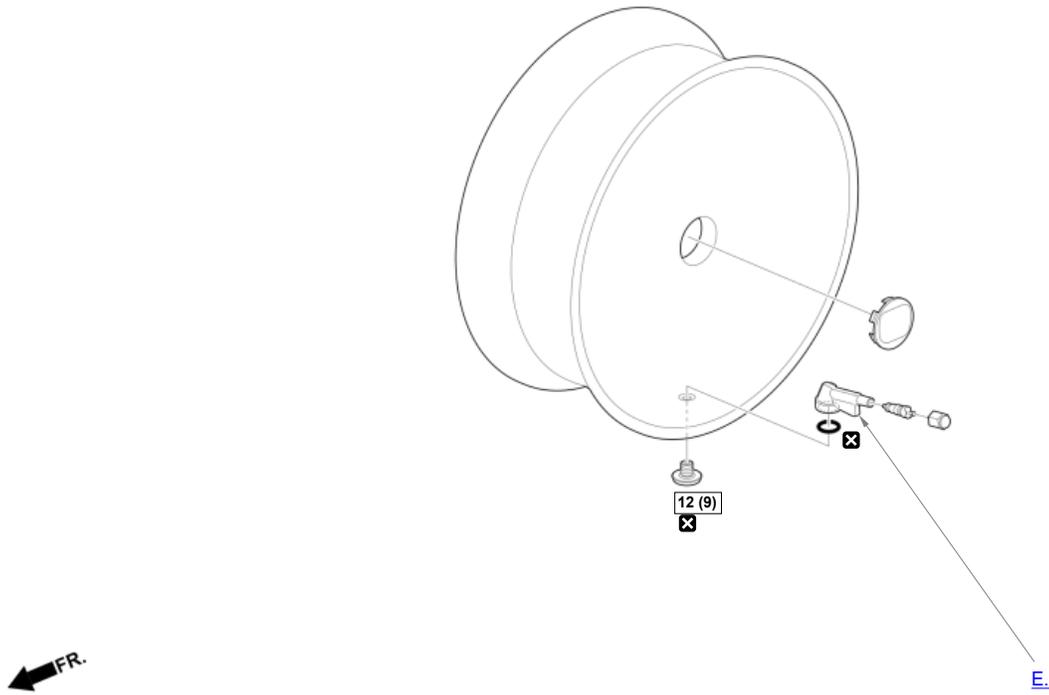
How to use this manual.

**NOTICE**

Review the Conventional Brake Service Precautions before doing repairs or service.



: Torque, N-m (lbf-ft)	:	:	:	★: Learning	■: SPL Tool	: Required Removal
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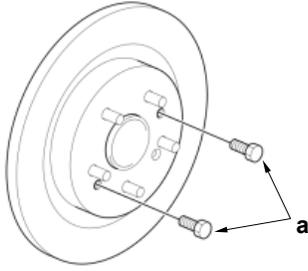
: Torque, N-m (lbf-ft)	:	:	:	★: Learning	■: SPL Tool	: Required Removal
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A. -

**NOTICE**

- Do not disassemble the brake disc.
- When replacing the brake disc, replace the both brake discs as a set (left and right).

■ Sub-Procedure



## ● Removal

NOTE: If the brake disc is stuck to the hub, thread two 8 x 1.25 mm bolts (a) into the brake disc to push it away from the hub. Turn each bolt 90 degrees at a time to prevent the brake disc from binding.

## ● Installation

NOTE:

- When replacing the brake disc, use a brake caliper piston compressor to push in the piston before installing the brake caliper.

B. -

## ■ Sub-Procedure

### NOTICE

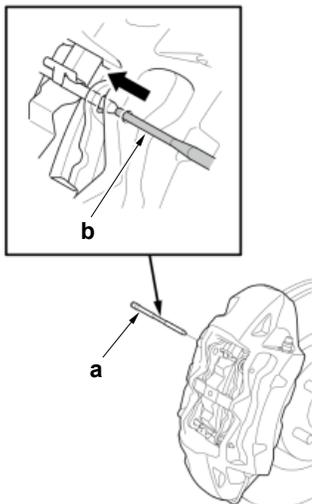
Due to the high performance nature of the brake system, the brake disc and pads may wear faster than on the other models. Be sure to inspect the front brake disc thickness anytime the front pads are replaced.

NOTE: Be careful not to damage the caliper body when installing or removing the caliper pin.

## ● Removal

- Remove the pad pin (a) by pushing from the outside to the inside. (Figure 1)

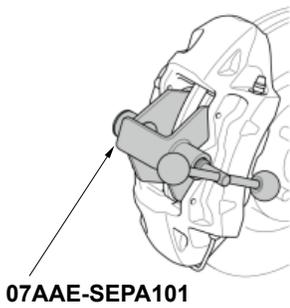
Figure 1



### Tool Details (Figure 1)

Name	
b	Pin Driver (6.0 mm (0.236 in)) (Commercially Available)

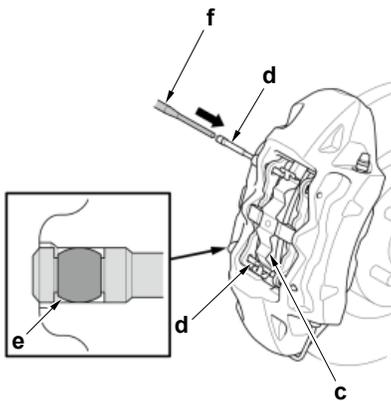
Figure 2



## ● Installation

1. Press the brake caliper pistons.

Figure 3



2. Hold the pad spring (c), and install the pad pins (d) into the caliper. (Figure 3)

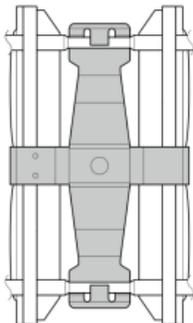
### NOTICE

Make sure the pad pin bushing (e) is properly installed into the caliper as shown. (Figure 3)

#### Tool Details (Figure 3)

Name	
f	Pin Driver (6.0 mm (0.236 in)) (Commercially Available)

Figure 4



3. Make sure the pad spring is installed as shown. (Figure 4)

## ■ After Installation

1. Press the brake pedal several times to make sure the brakes work.

### CAUTION

Engagement may require a greater pedal stroke immediately after the brake pads have been replaced as a set. Several applications of the brake pedal will restore the normal pedal stroke.

2. Brake Fluid Level Adjustment.

C. -

## ■ After Installation

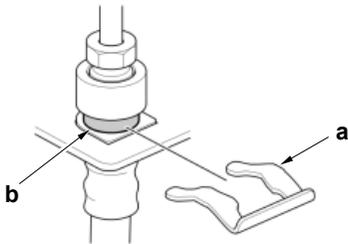
- Brake System Bleeding

D. -

## ■ Sub-Procedure

### ● Installation

- Install the clip (a) by aligning the brake hose groove (b).



## ■ After Installation

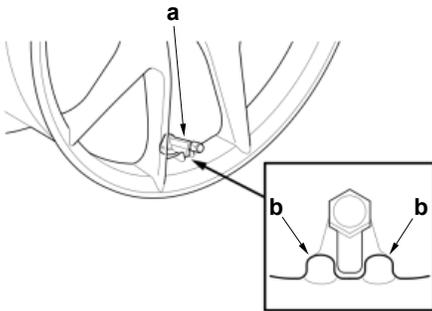
1. Brake System Bleeding
2. Brake Hose and Line Check

E. -

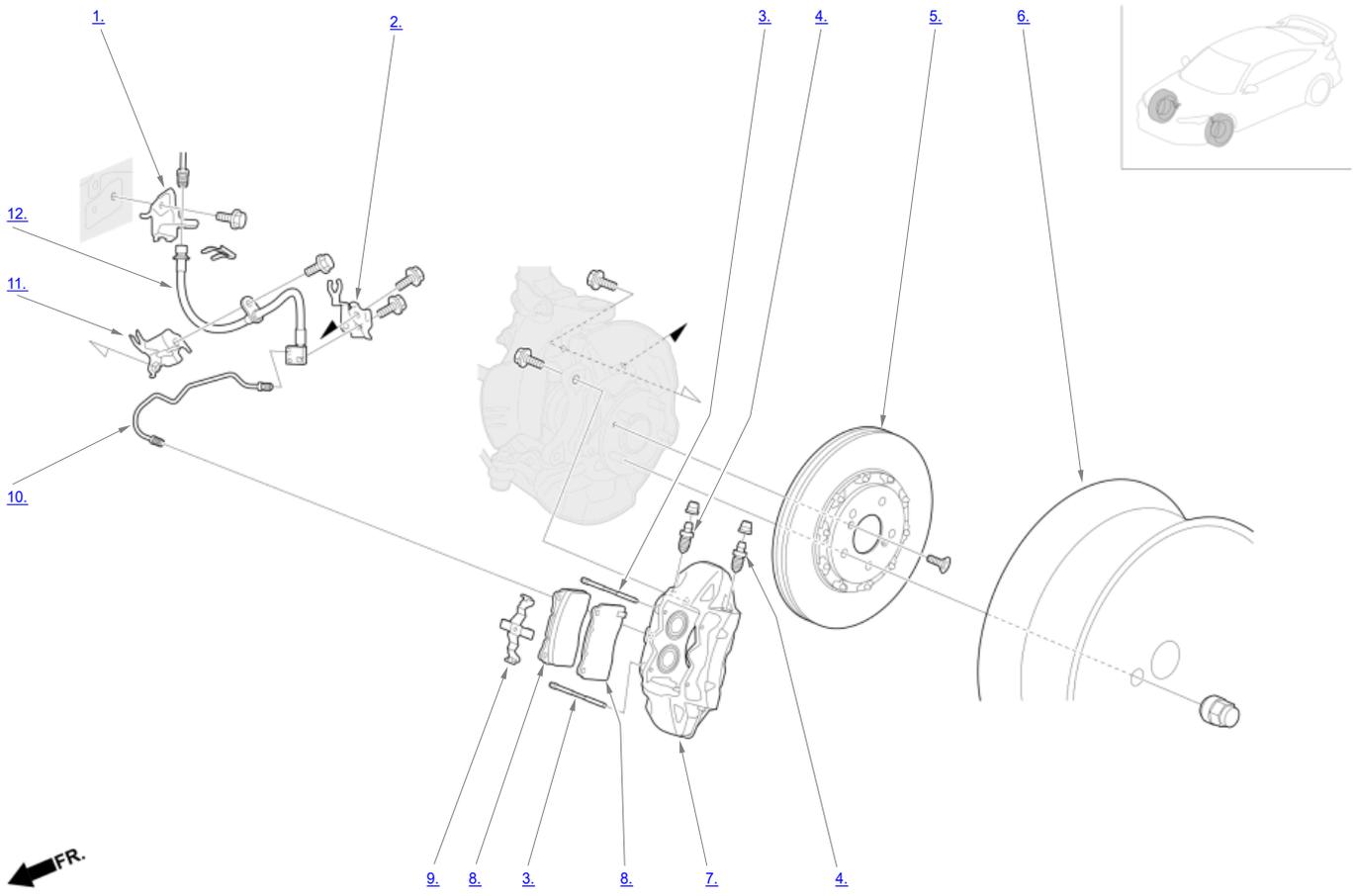
## ■ Sub-Procedure

### ● Installation

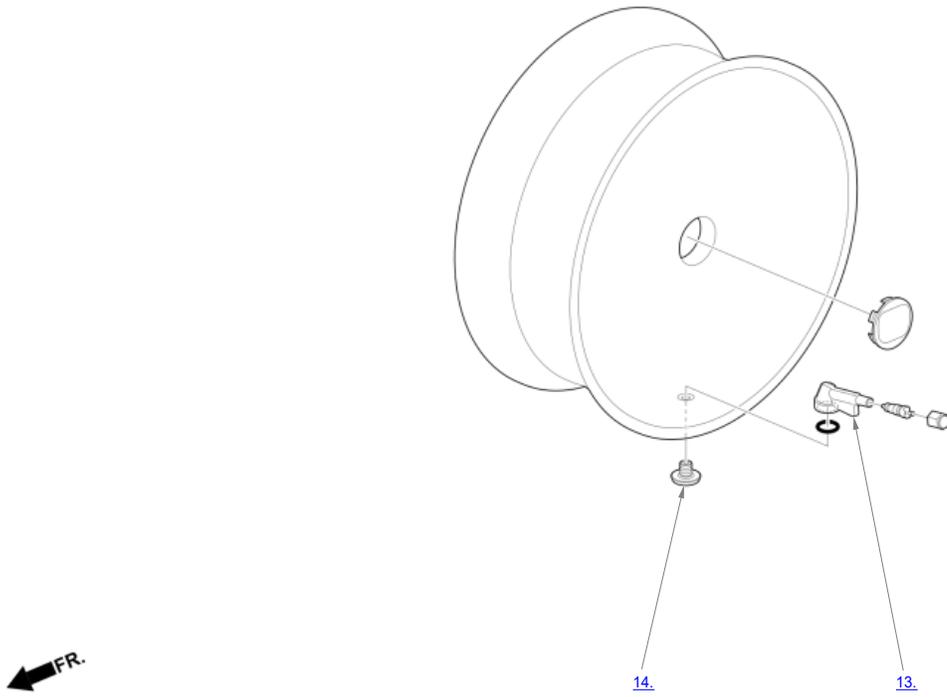
- Install the valve stem (a) positioned between the stoppers (b).  
NOTE: The valve stem must be installed so that it does not interfere with the stoppers.



1



2



1. Brake Hose Bracket A

2. Brake Hose Bracket C

3. Pad Pin

4. Bleed Screw

5. Brake Disc

6. Front Wheel

7. Caliper Body

8. Brake Pad

9. Pad Spring

10. Brake Line

11. Brake Hose Bracket B

12. Brake Hose

13. Valve Stem

14. Valve Plug