

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

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

REAR BRAKE AREA

Rear Brake Area

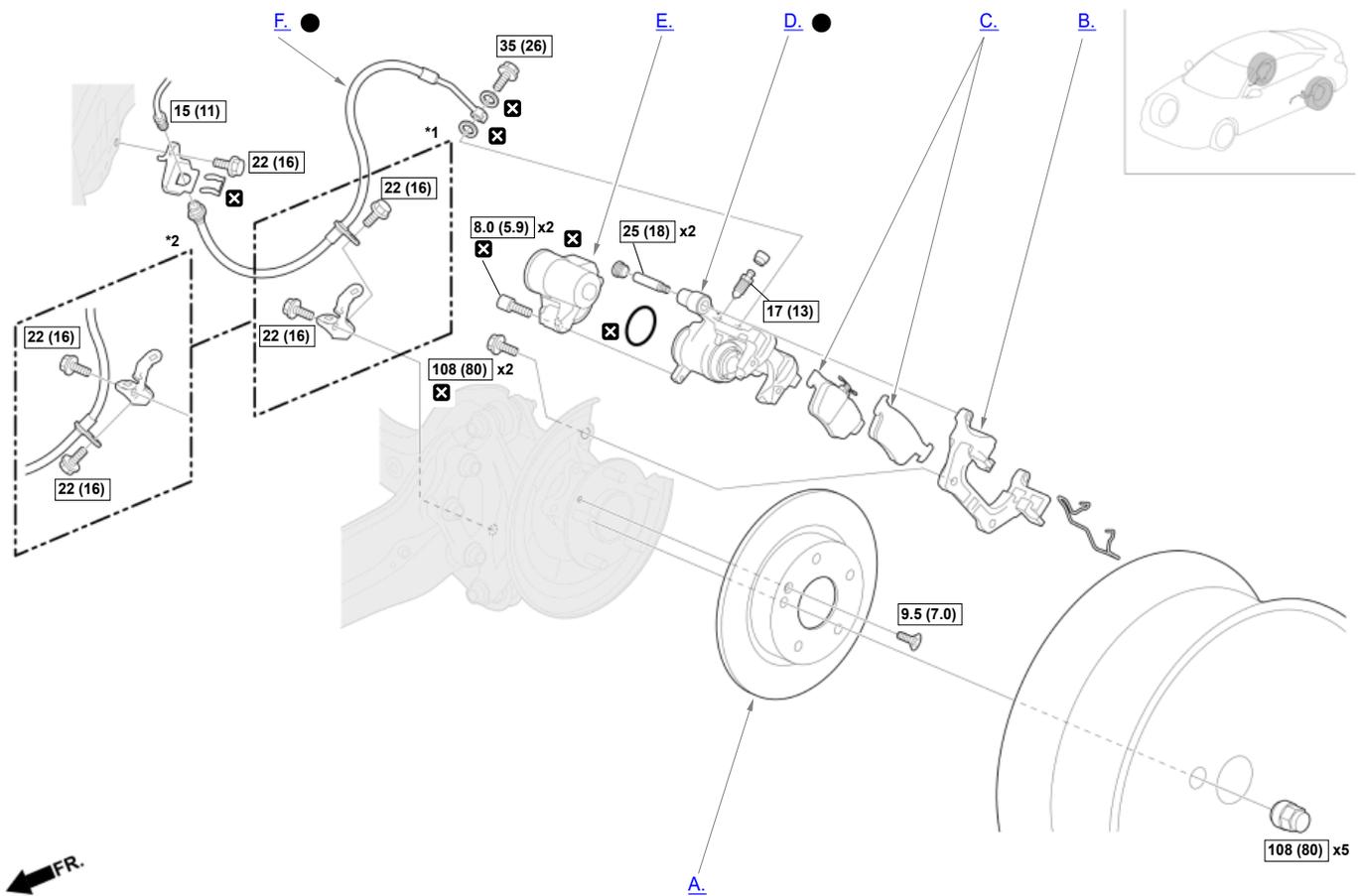
How to use this manual.

NOTICE

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

1

Except Type-R

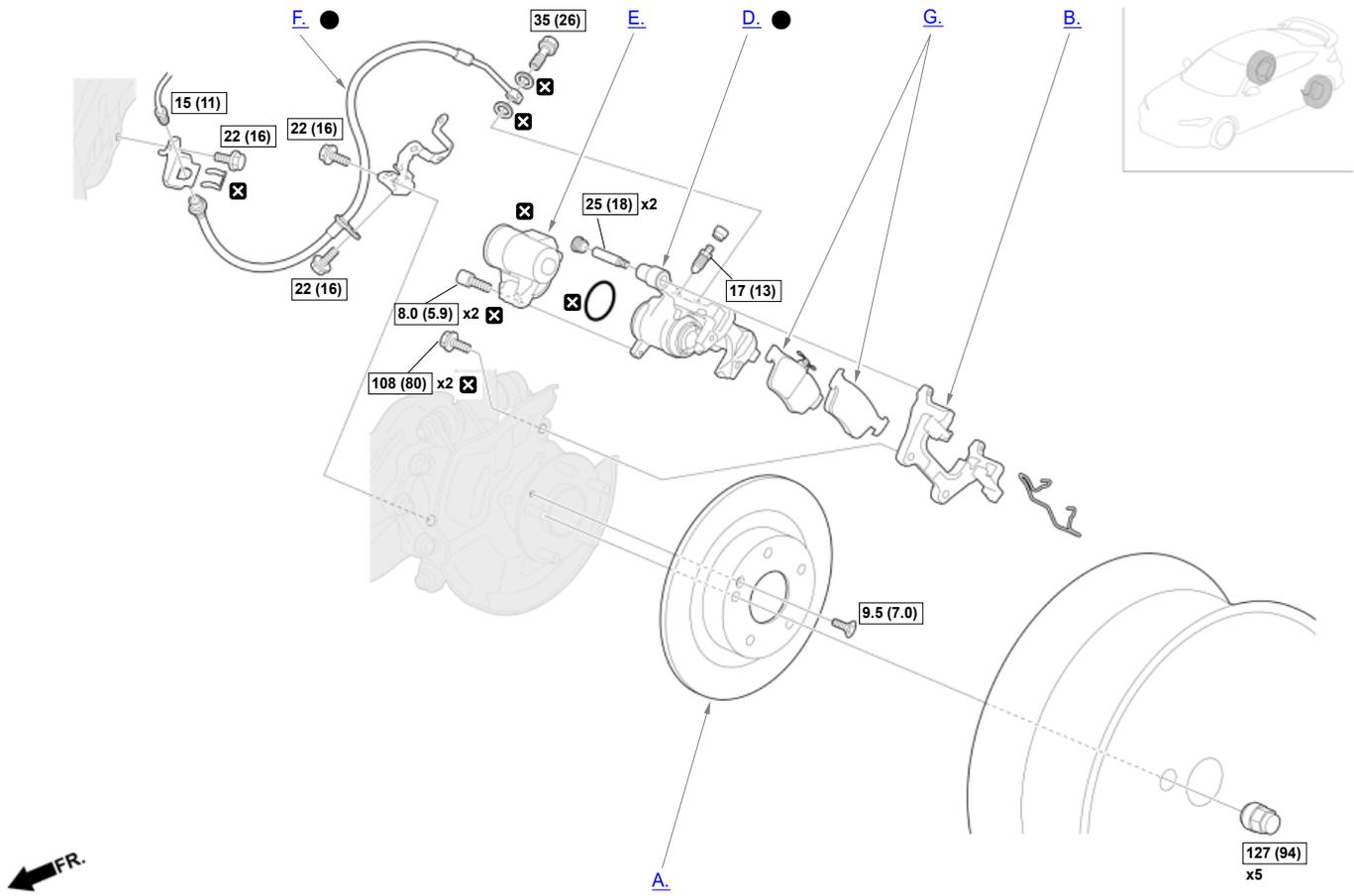


: Torque, N-m (lbf-ft)	: Replace	: Warning/Caution	: Inspection/Adjustment	★ : Learning	■ : SPL Tool	: Required Removal
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*1: Except Si
*2: Si

2

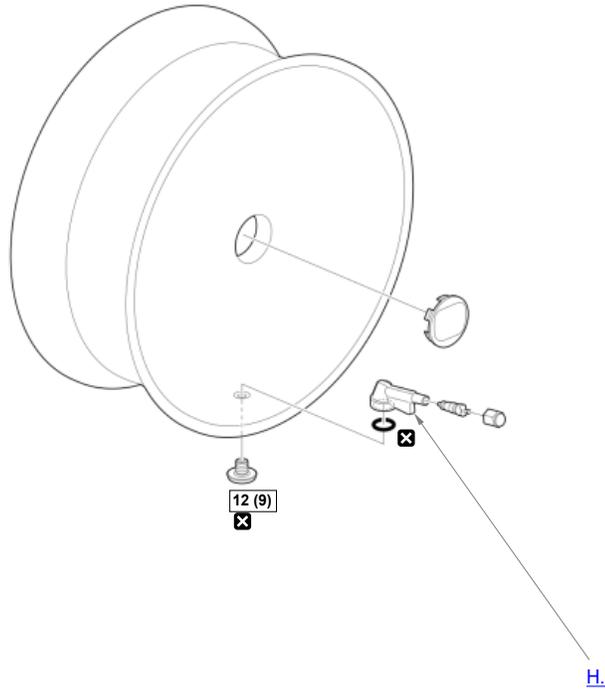
Type-R



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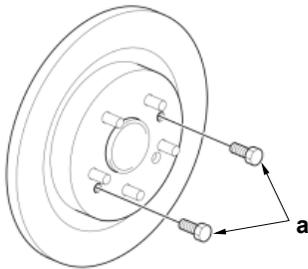
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Type-R



: Torque, N·m (lbf·ft)	: Replace	: Warning/Caution	: Inspection/Adjustment	: Learning	: SPL Tool	: Required Removal
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A. -



■ Preconditions

- Parking Brake Released

NOTE: If the automatic parking brake function is turned on, do the temporarily cancel automatic electric parking brake.

■ 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.

■ After Installation

- Parking Brake Adjustment as follows.
 - Apply and release the parking brake.

B. -

■ Preconditions

- Parking Brake Released

NOTE: If the automatic parking brake function is turned on, do the temporarily cancel automatic electric parking brake.

C. -

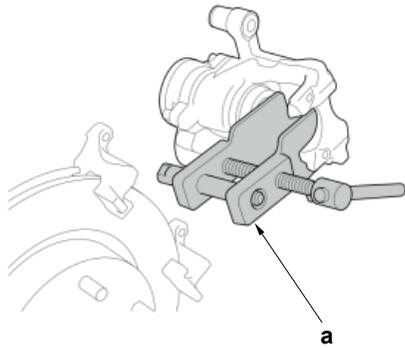
■ Preconditions

- HDS Connected

■ Sub-Procedure

● Removal

- Enter Maintenance Mode as follows.
 - 1. Turn the vehicle to the ON mode.
 - 2. Select the following menu buttons on the HDS screen in sequence.
 - ABS/VSA (System Selection Menu)
 - Adjustment
 - Brake Pad Maintenance Mode
 - Enter Brake Pad Maintenance Mode
 - 3. Make sure Transition To Pad Exchange Mode Has Been Completed appears on the screen.
 - 4. Turn the vehicle to the OFF (LOCK) mode.



● Installation

1. Press the brake caliper piston.

Tool Details

Name	
a	Brake Caliper Piston Compressor Tool (Commercially Available)

2. Finish Maintenance Mode as follows.

- 1. Turn the vehicle to the ON mode.
- 2. Select the following menu buttons on the HDS screen in sequence.
 - ABS/VSA (System Selection Menu)
 - Adjustment
 - Brake Pad Maintenance Mode
 - Back To Normal Mode
- 3. Make sure This Function Procedure Is Finished is displayed on the screen, then press the enter button.
- 4. Turn the vehicle to the OFF (LOCK) mode.

■ After Installation

- Brake Fluid Level Adjustment

D. -

■ Preconditions

- Parking Brake Released

NOTE: If the automatic parking brake function is turned on, do the temporarily cancel automatic electric parking brake.

■ After Installation

1. Brake System Bleeding
2. Caliper Body After Installation Check
 - 1. Turn the vehicle to the ON mode.
 - 2. Apply and release the parking brake 2 times, then make sure that the brake system indicator (red) goes OFF.

NOTICE

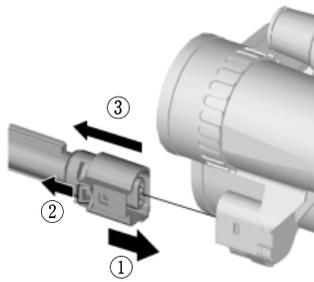
If the brake system indicator (red) does not go OFF, check for a poor connection at the electric parking brake actuator connector.

- 3. Turn the vehicle to the OFF (LOCK) mode.

E. -

■ Sub-Procedure

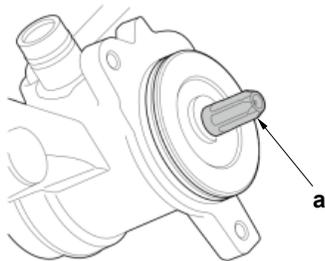
Figure 1



● Removal

- If the connector lock tab is difficult to release, push in on the connector body before pushing on the release lock. (Figure 1)

Figure 2



● Installation

Lubricant Specifications (Figure 2)

Position	Type
a	Actuator Service Set Grease

■ After Installation

- Electric Parking Brake Actuator After Installation Check
 - 1. Turn the vehicle to the ON mode.
 - 2. Apply and release the parking brake 2 times, then make sure that the brake system indicator (red) goes OFF.

NOTICE

If the brake system indicator (red) does not go OFF, check for a poor connection at the electric parking brake actuator connector.

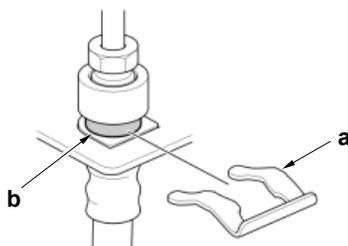
- 3. Turn the vehicle to the OFF (LOCK) mode.

F. -

■ 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

G.-

■ Preconditions

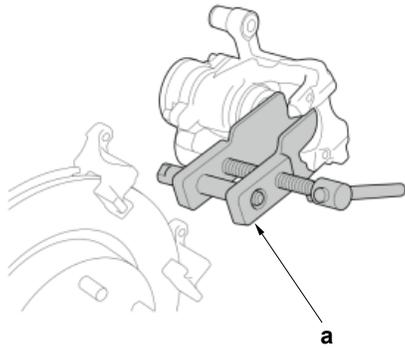
- HDS Connected

■ Sub-Procedure

● Removal

NOTE: Do not remove the brake pads unless you are replacing it. If the brake pads are removed, the adhesive tape on the outer pad must be replaced.

1. Enter Maintenance Mode as follows.
 - 1. Turn the vehicle to the ON mode.
 - 2. Select the following menu buttons on the HDS screen in sequence.
 - ABS/VSA (System Selection Menu)
 - Adjustment
 - Brake Pad Maintenance Mode
 - Enter Brake Pad Maintenance Mode
 - 3. Make sure Transition To Pad Exchange Mode Has Been Completed appears on the screen.
 - 4. Turn the vehicle to the OFF (LOCK) mode.
2. If the brake pads are removed, clean and degrease the outer supporting part of caliper body.



● Installation

NOTE:

- When installing new brake pads, peel the backing paper off the outer brake pad to expose the adhesive on the shim.
- When reusing the brake pads, remove the adhesive layer on the outer pad and apply 3M Adhesive Transfer Tape 9473PC or equivalent.
- Do not touch the adhesive when installing the brake pad.
- Keep dirt or other contaminants off the adhesive surface.

1. Press the brake caliper piston.

Tool Details

Name	
a	Brake Caliper Piston Compressor Tool (Commercially Available)

2. Finish Maintenance Mode as follows.

- 1. Turn the vehicle to the ON mode.
- 2. Select the following menu buttons on the HDS screen in sequence.
 - ABS/VSA (System Selection Menu)
 - Adjustment
 - Brake Pad Maintenance Mode
 - Back To Normal Mode
- 3. Make sure This Function Procedure Is Finished is displayed on the screen, then press the enter button.
- 4. Turn the vehicle to the OFF (LOCK) mode.

■ After Installation

1. Brake Fluid Level Adjustment
2. Start the engine, and firmly press the brake pedal for 10 seconds to set the adhesive on the shim to the caliper.

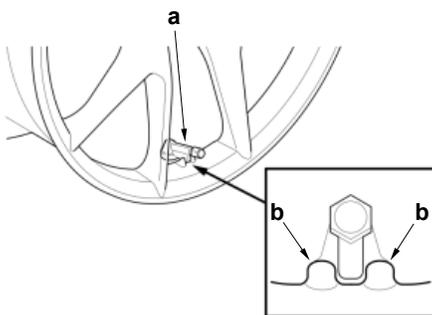
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■ Sub-Procedure

● Installation

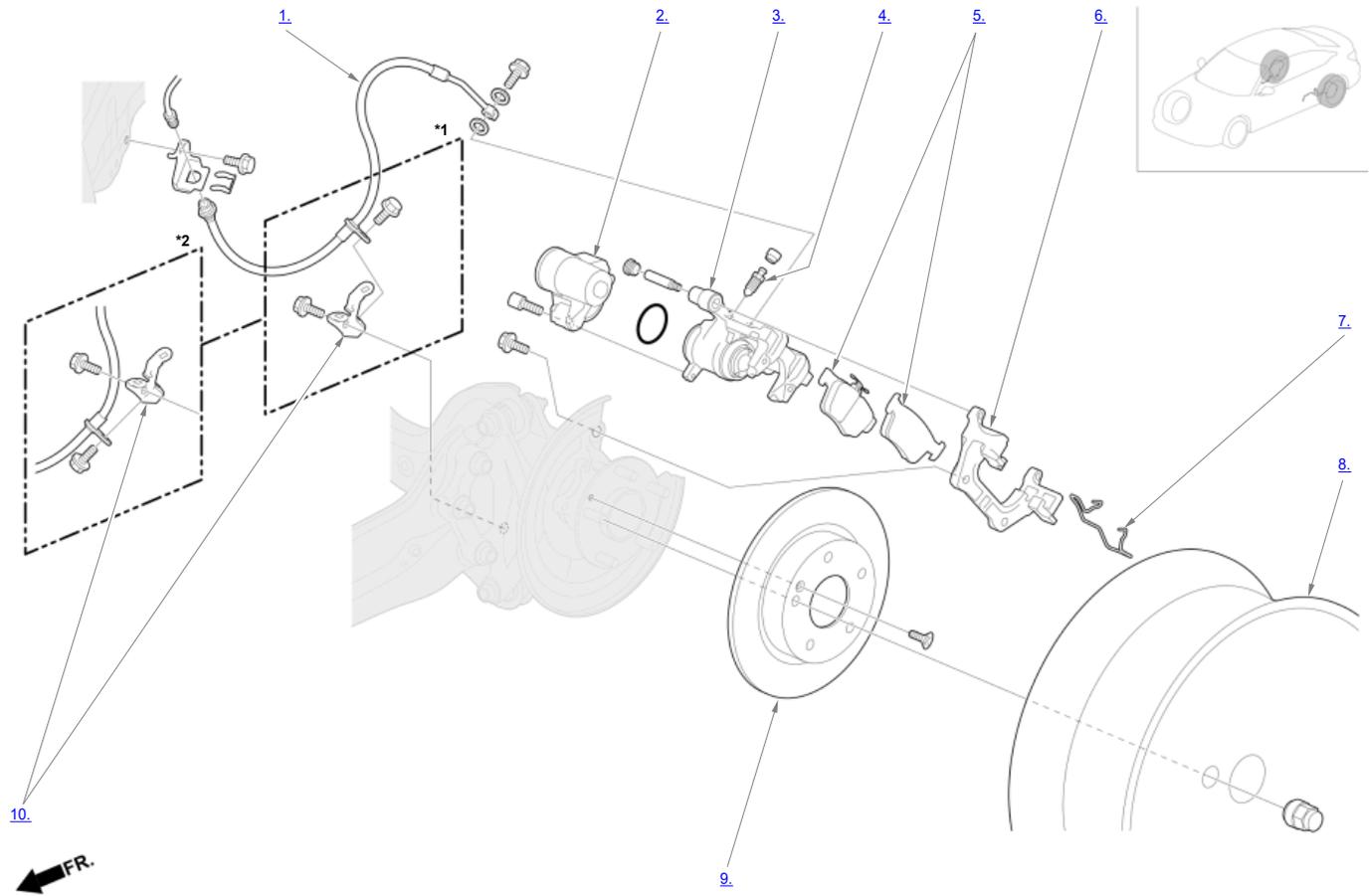
- Install the valve stem (a) positioned between the stoppers (b).

NOTE: The valve stem must be installed so that it does not interfere with the stoppers.



1

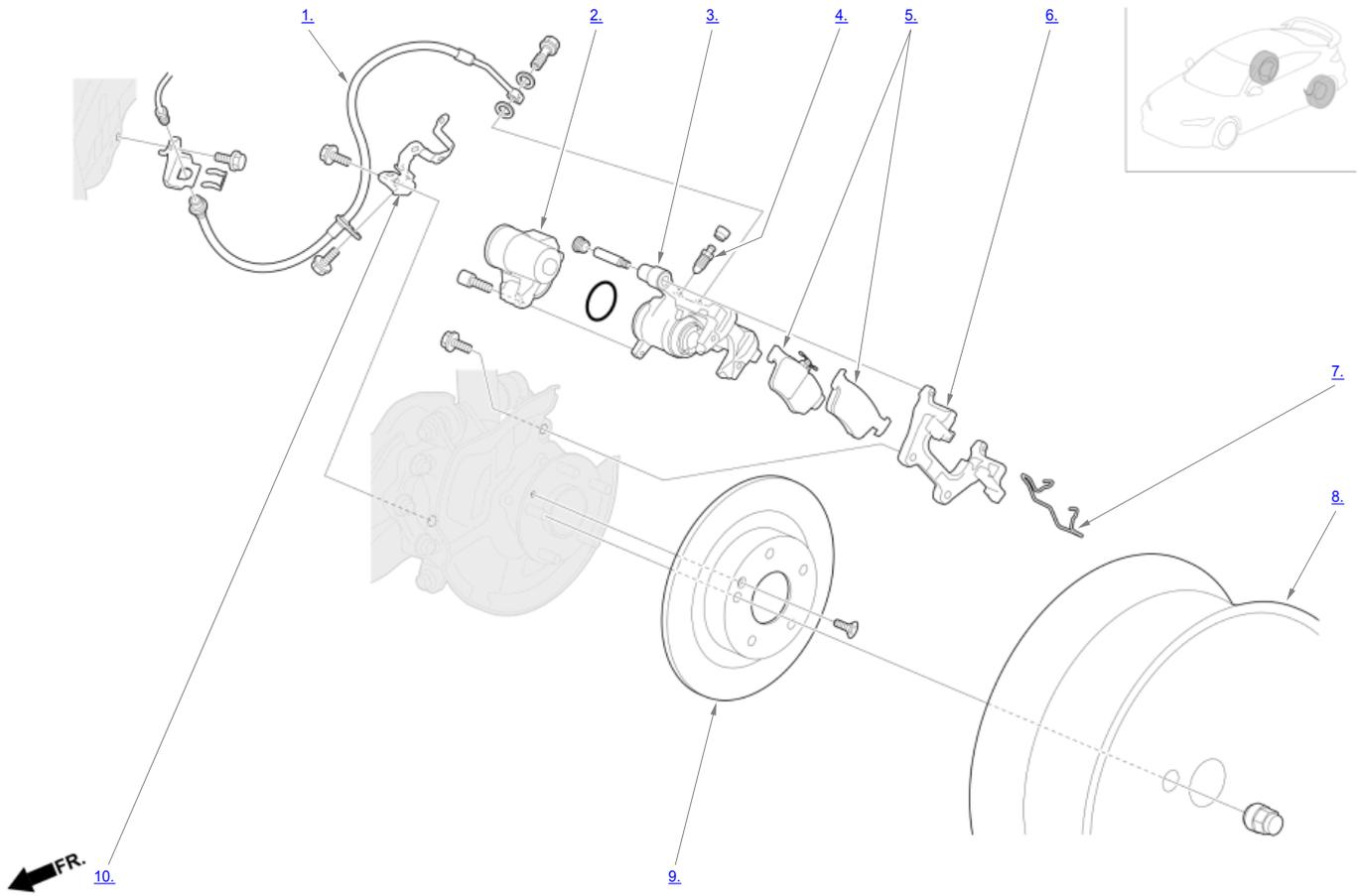
Except Type-R



*1: Except Si
*2: Si

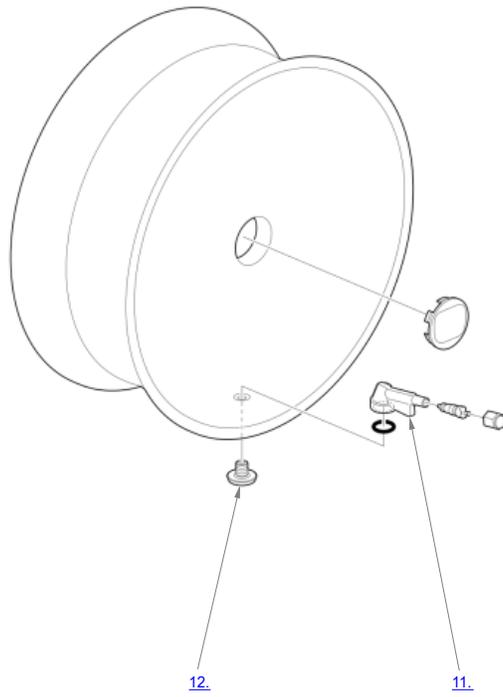
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Type-R



3

Type-R



1. Brake Hose

2. Electric Parking Brake Actuator

3. Caliper Body

4. Bleed Screw

5. Brake Pad

6. Caliper Bracket

7. Housing Clip

8. Rear Wheel

9. Brake Disc

10. Brake Hose Bracket

11. Valve Stem

12. Valve Plug