

Front Damper/Spring Removal and Installation

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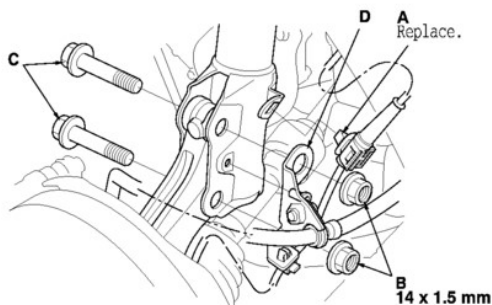
NOTE

Applicable vehicles:

- 2007-08 Honda FIT

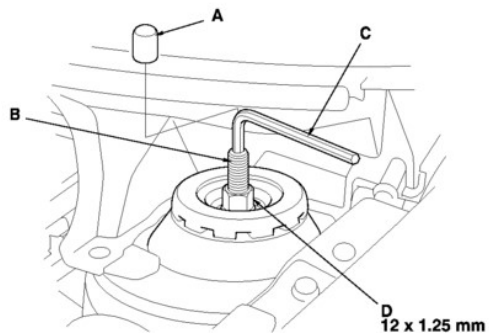
Front Damper/Spring Removal and Installation**Removal**

- Raise the front of the vehicle, and support it with safety stands in the proper locations.
- Remove the front wheel.
- Disconnect the stabilizer link from the damper.
- Remove the wheel sensor harness clips (A) from the damper. Do not disconnect the wheel sensor connector.



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- Remove the flange nuts (B) while holding the damper pinch bolt (C) with a wrench, then remove the damper pinch bolts and the brake hose bracket (D).
- Remove the cap (A) from the top of the damper.

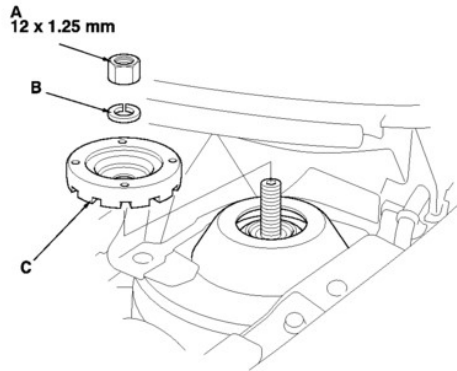


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- Hold the damper shaft (B) using a hex wrench (C),

and loosen the 12 mm nut (D).

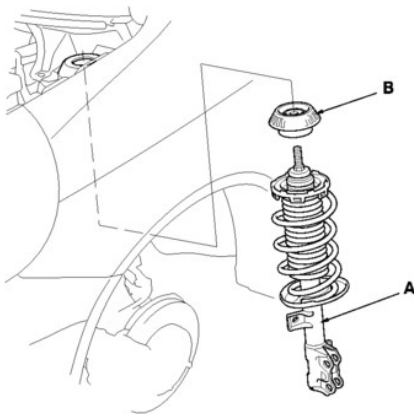
- Remove the 12 mm nut (A) and the wave washer (B), then remove the damper mounting base (C) from the body.



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- Remove the damper assembly (A) and the damper mounting cushion (B).

NOTE: Be careful not to damage the body.

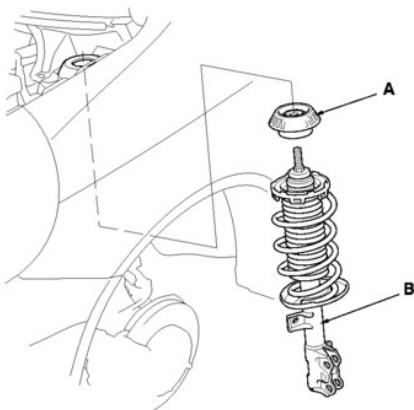


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Installation

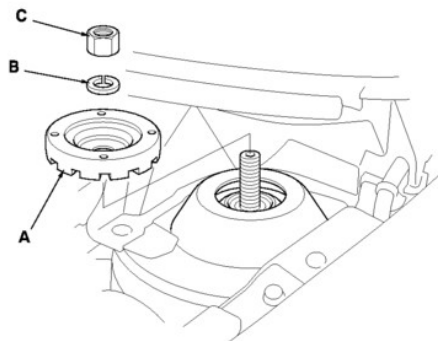
- Install the damper mounting cushion (A) and the damper assembly (B) onto the frame.

NOTE: Be careful not to damage the body.



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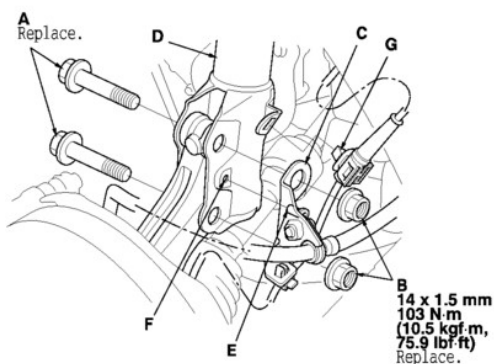
- Install the damper mounting base (A) and the wave washer (B), then loosely install the 12 mm nut (C).



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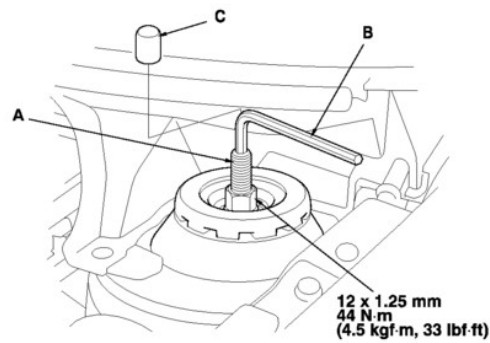
- Loosely install new damper pinch bolts (A) and new flange nuts (B) with the brake hose bracket (C) to the damper (D).

NOTE: Align the pin (E) of the brake hose bracket to the positioning hole (F) on the damper.



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- Install the wheel sensor harness clip (G).
- Raise the front suspension with a floor jack to load the suspension with the vehicle's weight.
- Tighten the damper pinch bolts and new flange nuts to the specified torque value while holding the damper pinch bolt with a wrench.
- Install the stabilizer link to the damper and tighten to the specified torque value.
- Hold the damper shaft (A), and with a hex wrench (B), tighten the 12 mm nut to the specified torque value.



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- Install the cap (C) to the top of the damper.
- Clean the mating surface of the brake disc and the inside of the wheel, then install the front wheels.
- Check the wheel alignment, and adjust it if necessary.

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