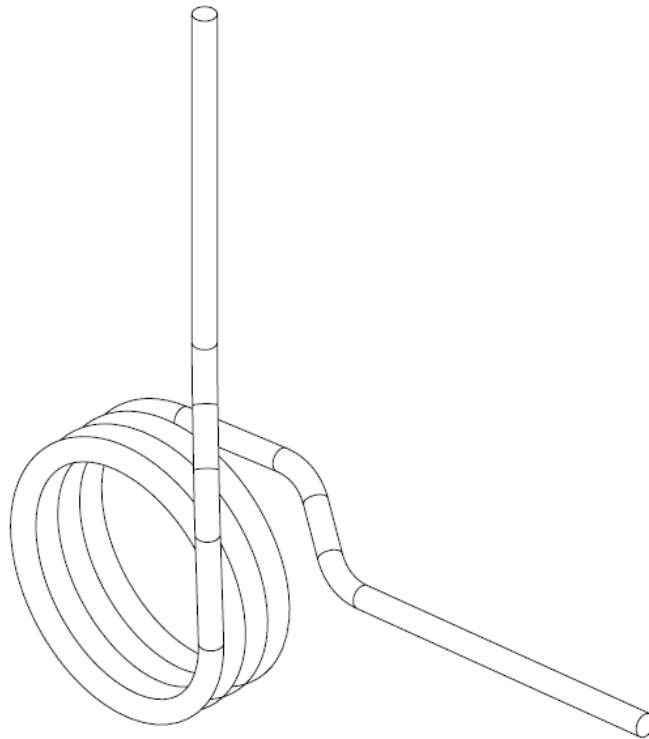


ACUITY



1918 Shifter Centering Spring

Install Guide

Applications:

2018-Present Honda Accord Sport



Contents

- Tool List3
- Install Info3
- Step 1: Disconnect Negative Battery Terminal.....5
- Step 2: Remove Center Console Side Panels.....6
- Step 3: Remove Lower Dash Panels.....7
- Step 4: Remove Shifter Surround.....8
- Step 5: Disconnect Gate Change Cable and Remove Rocker.....9
- Step 6: Remove OEM Centering Spring.....10
- Step 7: Install ACUITY Centering Spring.....11
- Step 8: Re-Install Rocker and Connect Gate Change Cable.....12
- Revision History.....13



TOOL LIST

- Plastic Interior Panel Removal Tools*
- 10mm Socket and ratchet
- Right Angle Pick Tool



Skill Level: Intermediate

We recommend that only gear heads with a little experience attempt this install. If you've done simple car maintenance operations like oil changes, air filter changes, and accessory belt changes, you can probably handle this. If you have no experience working on cars, we recommend finding a more experienced friend or shop to help you with this install.



Typical Install Time: 1hr15min

(assumes experience with similar tasks, plan for a longer install time if you do not have experience performing installations like this)

**Available at ACUITYinstruments.com*



Package Contents

Please inspect all of the parts that came with your kit before attempting installation. Your kit should include all of the components shown below:

- 1x ACUITY Purple Centering Spring (**DO NOT REMOVE RUBBER SLEEVE FROM SPRING**)



What to expect after installation:

You will notice an increase in the breakaway centering force going from Neutral to the 1/2, 5/6, or R gates. Centering force is nearly doubled in Neutral, but a reduced rate will make the load at the far gates (1/2 and R) only slightly higher than stock. This gives a snappy centering action without a notable increase in driving fatigue.

Note:

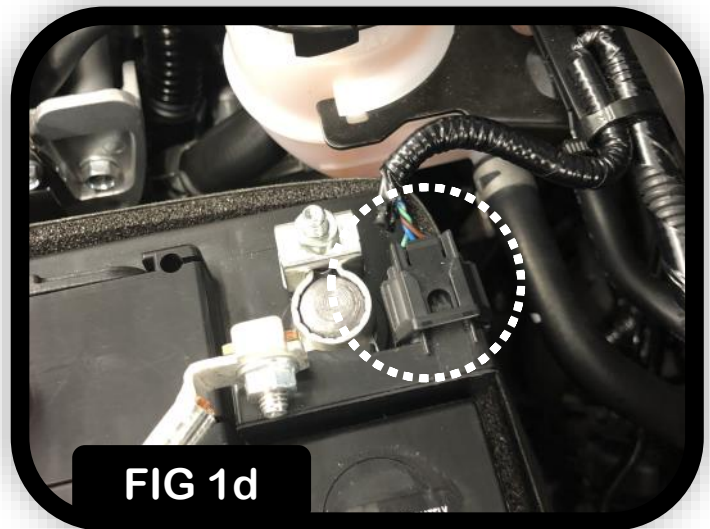
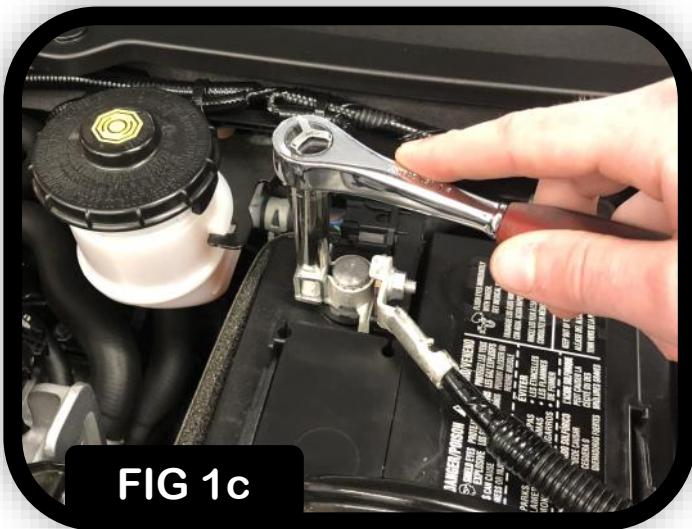
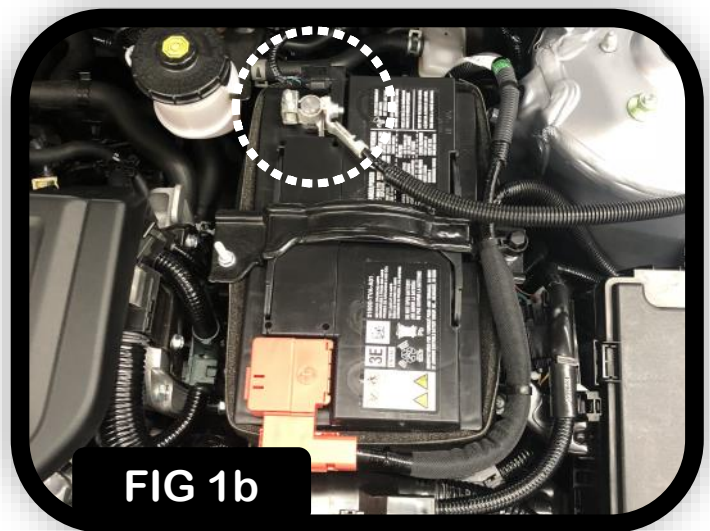
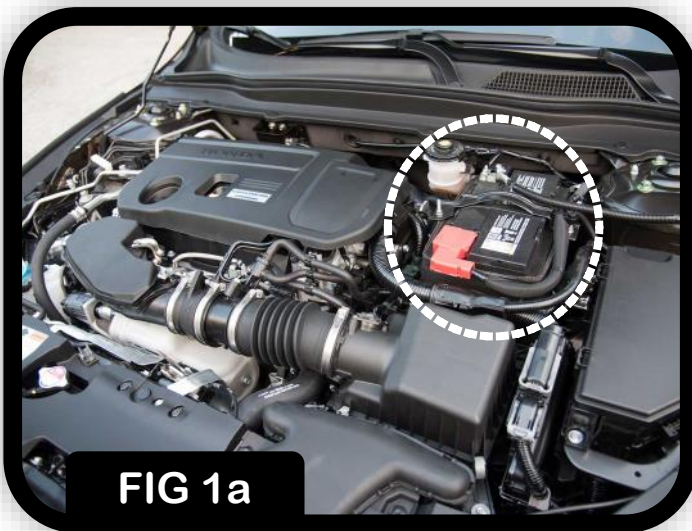
In all cases, note that the improvement in centering force becomes less noticeable with heavier knobs.

***IMPORTANT:** qualified technicians should perform installation. ACUITY LLC assumes no liability for issues arising from improper installation. This installation was performed on a 2018 USDM Accord Sport 2.0T. If your vehicle was manufactured for another market or has a different trim or year, it may naturally have some slight variations from this guide.*

STEP 1 - Disconnect Negative Battery Terminal

Later in this guide, it will be necessary to disconnect an electrical connector under your vehicle's dashboard. Accordingly, it is best practice to disconnect the battery. Pop the hood and locate your battery. When facing the engine bay from the front of the car, the battery will be to your right nearest the shock tower, as shown in Figure 1a. The terminal with the red plastic cover is the positive terminal and terminal clamp. The Negative terminal is located immediately behind the positive terminal, as circled in Figure 1b. Using a 10mm closed-end wrench or socket and wrench (open-ended wrenches should be avoided as they can damage the terminal), loosen the negative terminal clamp as shown in Figure 1c. Before pulling the negative battery cable off of the battery, be sure to unclip the connector circled in Figure 1d next to the negative terminal clamp. Once the negative terminal is disconnected, set it to the side away from the battery and repeat the same process for the positive cable.

Reinstallation Tip: When you go to put this back, just snug the terminal clamp up using the 10mm closed-end wrench. Snug it up enough so that you can't twist or remove the terminal clamp with moderate force. Don't overtighten this nut as it can damage the terminal clamp.



STEP 2 - Remove Center Console Side Panels

Next we will begin to remove the side panels on each side of the center console. Start by using your interior trim removal tool and pry from the lower center of each panel as shown in Figures 2a and 2c. Once the lower edge has been unclipped, begin unclipping towards the front first and then work your way to the rear as seen in Figure 2b and 2d. Once the panels have been completely removed, set them aside.



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STEP 3 - Remove Lower Dash Panels

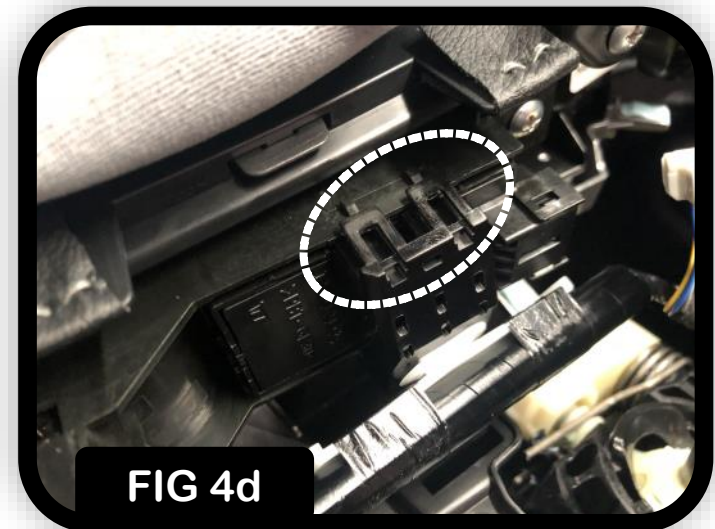
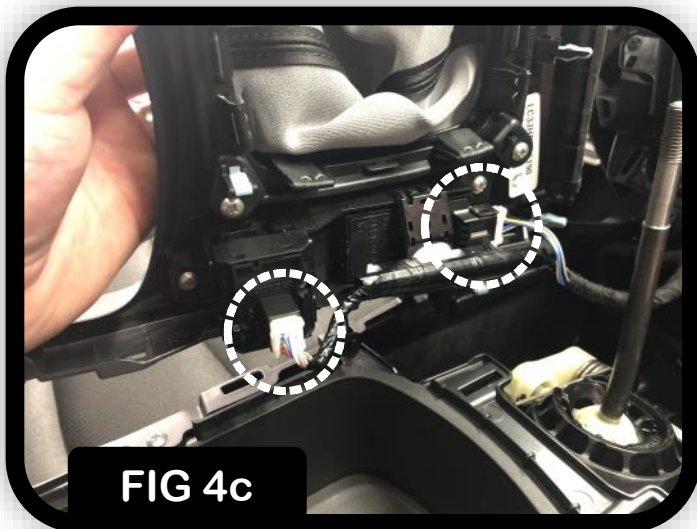
Next we need to remove the left and right dash panels. Start by prying on the lower rear side of the right panel as shown in Figure 3a. Once you have unclipped the first clip, grip the rear side of the panel and pull straight from the dashboard. Work your way to the right side of the car to remove the entire panel as seen in Figure 3b. Next, repeat this process on the smaller dash panel on the left side of the car that contains the Start/Stop button as shown in Figure 3c and 3d.



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STEP 4 - Remove Shifter Surround

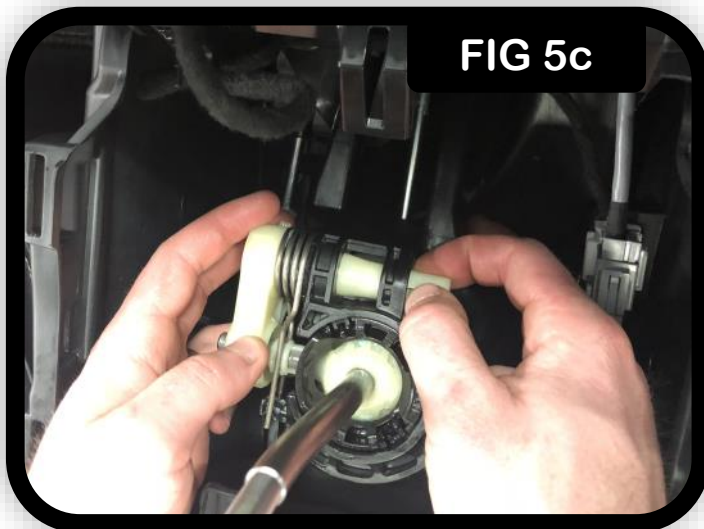
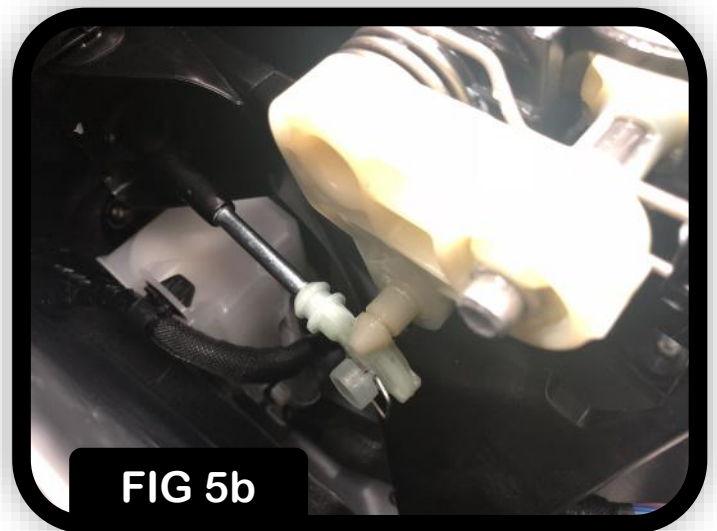
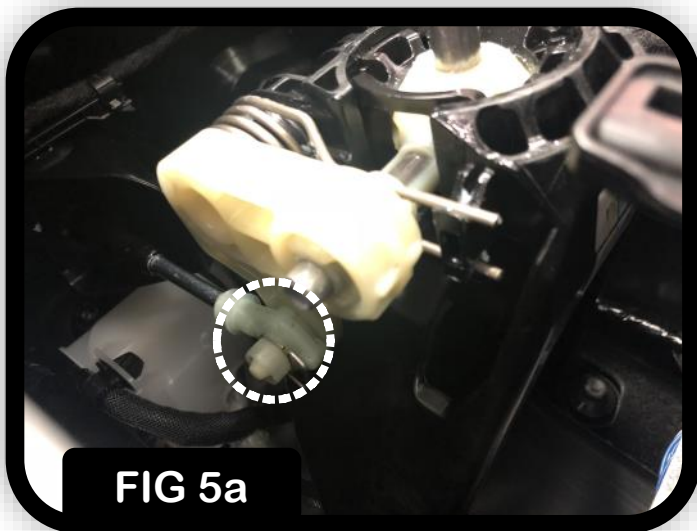
First, start by removing the shift boot from the shift knob. To do so, grip each side of the boot collar and pull straight down (Figure 4a). Next, grip each side in the rear of the shifter surround and pull straight up to unclip it. Work your way from the back to the front of the shifter surround until it is completely unclipped as shown in Figure 4b. Unplug the (2) connectors circled in Figure 4c by depressing the retention clips and sliding out. Lastly, using a flat head screwdriver or a right angle pick tool, pry the (2) clips securing the wire harness clamp to the shifter surround circled in Figure 4d. There are also (2) more identical clips on the opposite side of the harness clamp that you will need to remove using the same process. With the wire harness now removed, completely remove the shifter surround and set aside.



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STEP 5 - Disconnect Gate Change Cable and Remove Rocker

First you will need to remove the gate change cable from the rocker pin. To do this you will need to use your right angle pick tool to pry off the wire locking clip circled in Figure 5a. With the wire locking clip removed, you can then slide the gate change cable off of the rocker (Figure 5b). (*NOTE: it is a good idea to reinstall the wire locking clip onto the cable end so it does not get lost.*) Next, locate the (2) locking tabs on the end of the plastic rocker pin. Depress both tabs simultaneously with your thumb and index finger (Figure 5c) and slide the rocker off of the shifter frame as seen in Figure 5d.



STEP 6 - Remove OEM Centering Spring

To remove the OEM centering spring, depress the lower prong with your thumb while pushing the shift lever towards the 5th/6th gate and rotate the spring off of the rocker pin as shown in Figure 6a. With the spring removed from the rocker pin, rotate the spring off of the shifter frame (Figure 6b). *NOTE: The pictures displayed in the next two steps are showing the install process on a 10thgen Civic shifter. Although the shifter is different, the process of removing the centering spring is the same.*



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STEP 7 - Install ACUITY Centering Spring

When installing the ACUITY centering spring, first you will need to unwind the spring by pressing the two prongs of the spring towards each other and then slide the spring onto the shifter frame (Figure 7a). The spring should appear as Figure 7b when installed on the shifter frame correctly. Next, rotate the upper prong around the rocker pin as shown in Figure 7c. With the spring installed correctly, it should appear as the spring in Figure 7d. *NOTE: Images in steps 7 and 8 reflect installation on a 10th gen Civic, although the process is identical.*

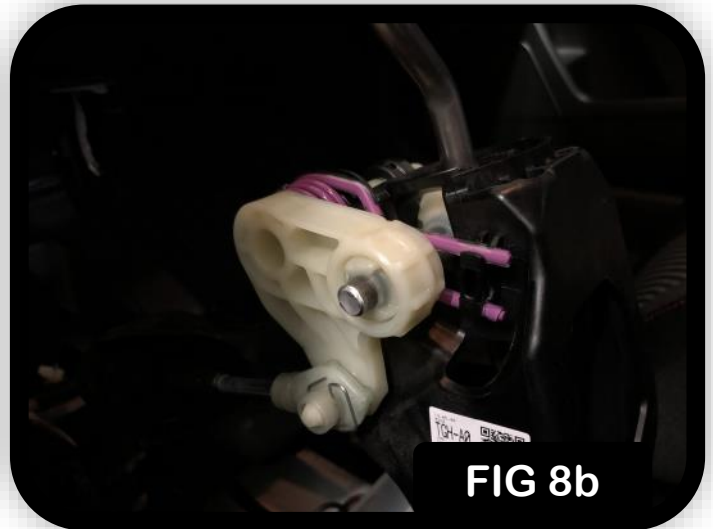
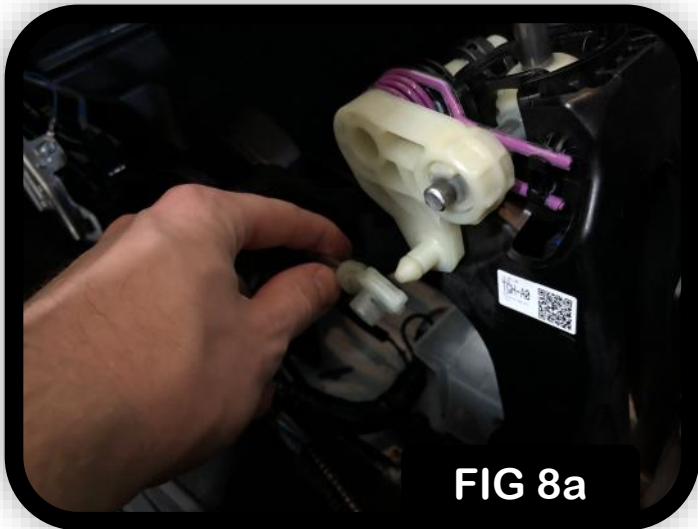


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STEP 8 - Re-install Rocker and Connect Gate Change Cable

Next, slide the rocker back onto the shifter frame until the locking tabs snap into place as seen in Figure 8a. Lastly, reinstall the gate change cable onto the rocker and secure with the locking clip (Figure 8b).

Once the spring is installed, shift through the gears to ensure the spring is functioning properly. Follow the steps in reverse to re-assemble the center console and enjoy!



Revision History

Rev 1.0

Date: August 2, 2018

Change: Document Published

Rev 1.1

Date: August 2, 2018

Change: Spring installation images updated

This product is eligible for a 1 year warranty against manufacturer defect with valid proof of purchase.