



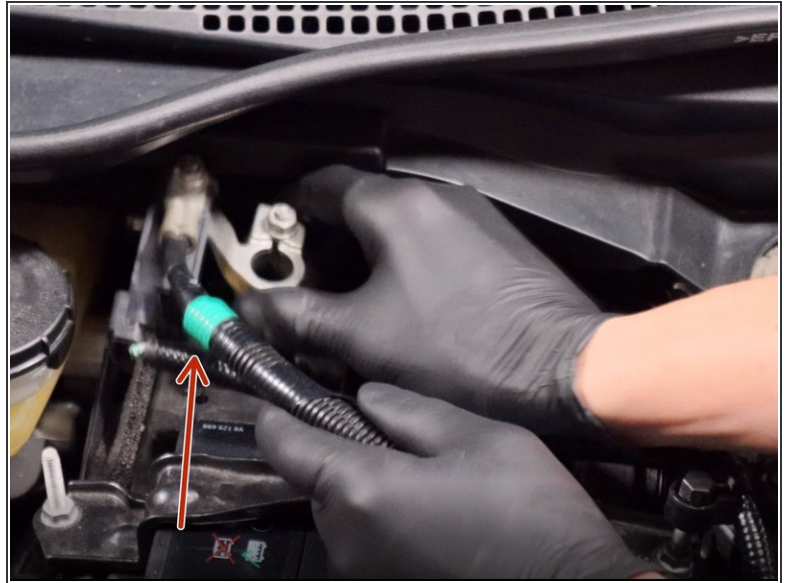
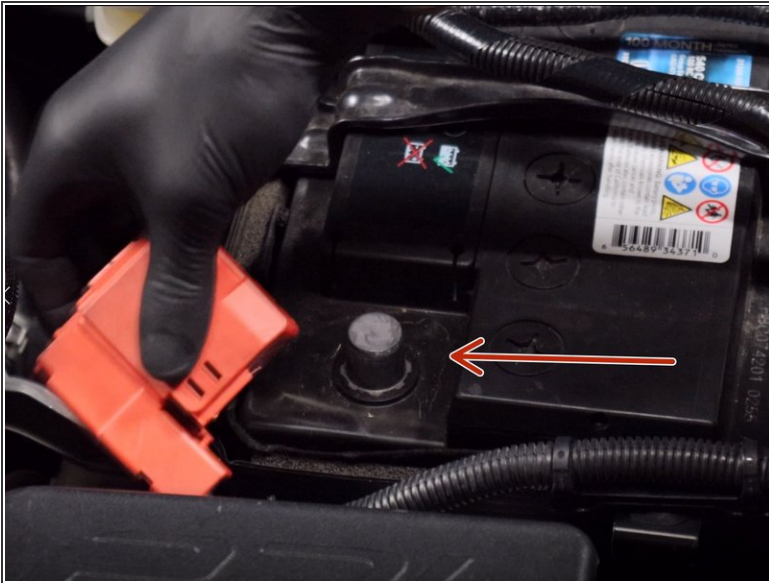
Hybrid Racing Transmission Detent Springs (17-21 Civic K20C Type R)

Use this as a guide to help you install our heavy-duty detent springs in the 2017-2022 Honda Civic Type R (FK8).

Written By: Hybrid Racing



Step 1 — Battery Removal



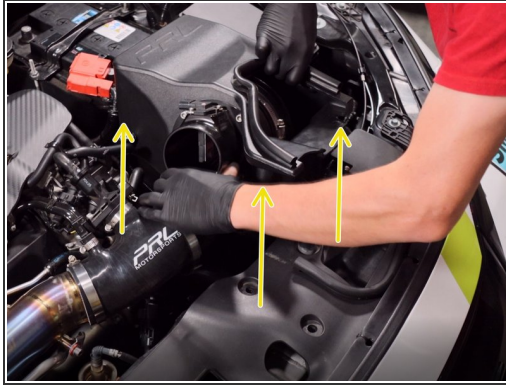
- Begin by removing the battery.
- Disconnect the positive terminal, then negative.

Step 2 — Airbox Removal



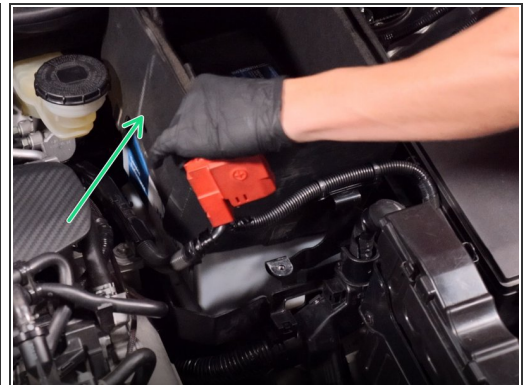
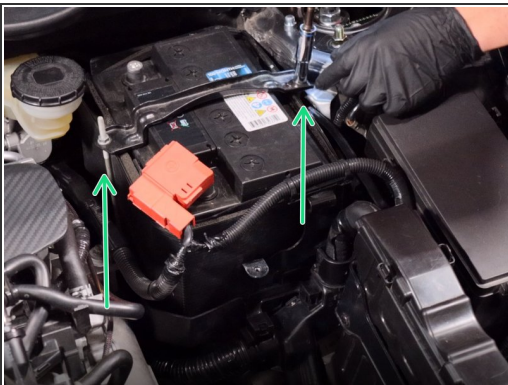
- Remove the airbox by loosening the coupler and unbolting the airbox.
- ① We are using an aftermarket airbox, so the OEM airbox and tube removal may differ slightly.
- Unplug the MAF and move the wire harness out of the way.

Step 3 — Airbox Removal



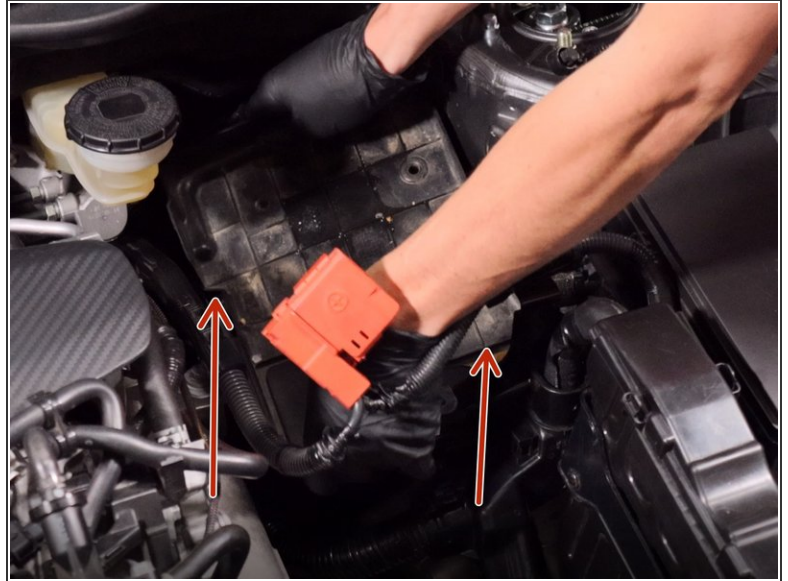
- Pull the coupler off and remove the airbox from the car.

Step 4 — Battery Removal



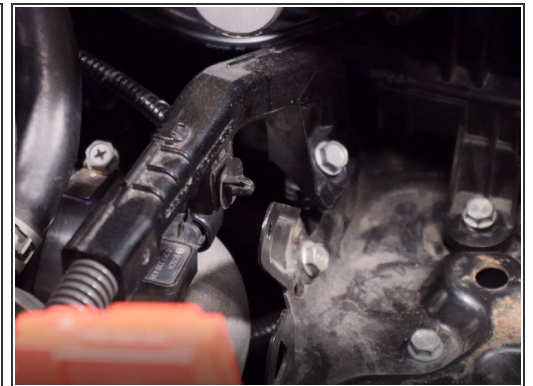
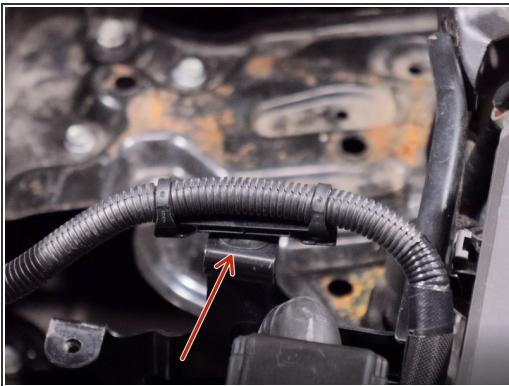
- Unbolt the battery tie down.
- Remove the battery insulation.

Step 5 — Battery Removal



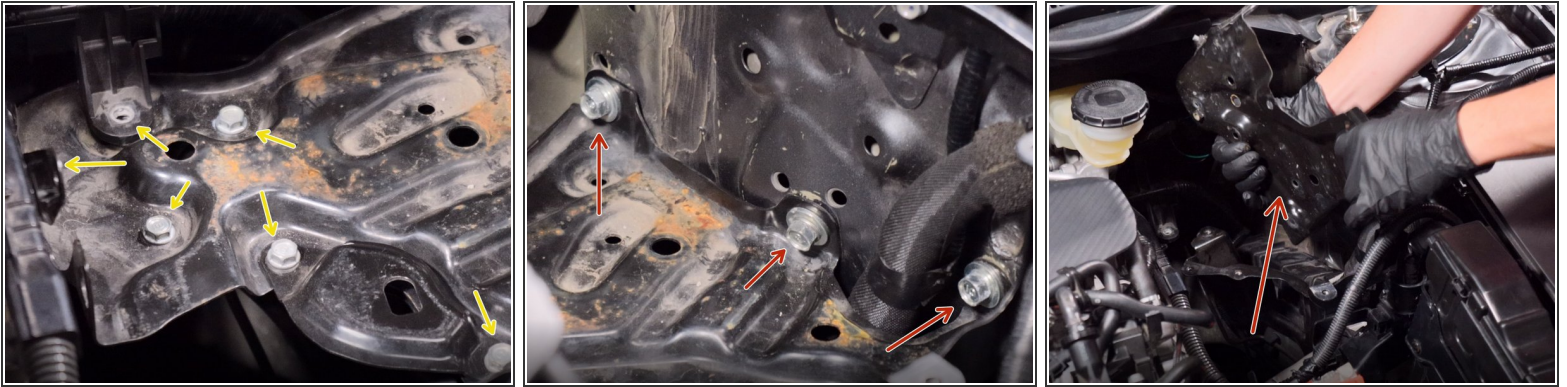
- Remove the battery.
- Remove the plastic battery tray base.

Step 6 — Wire Harness Removal



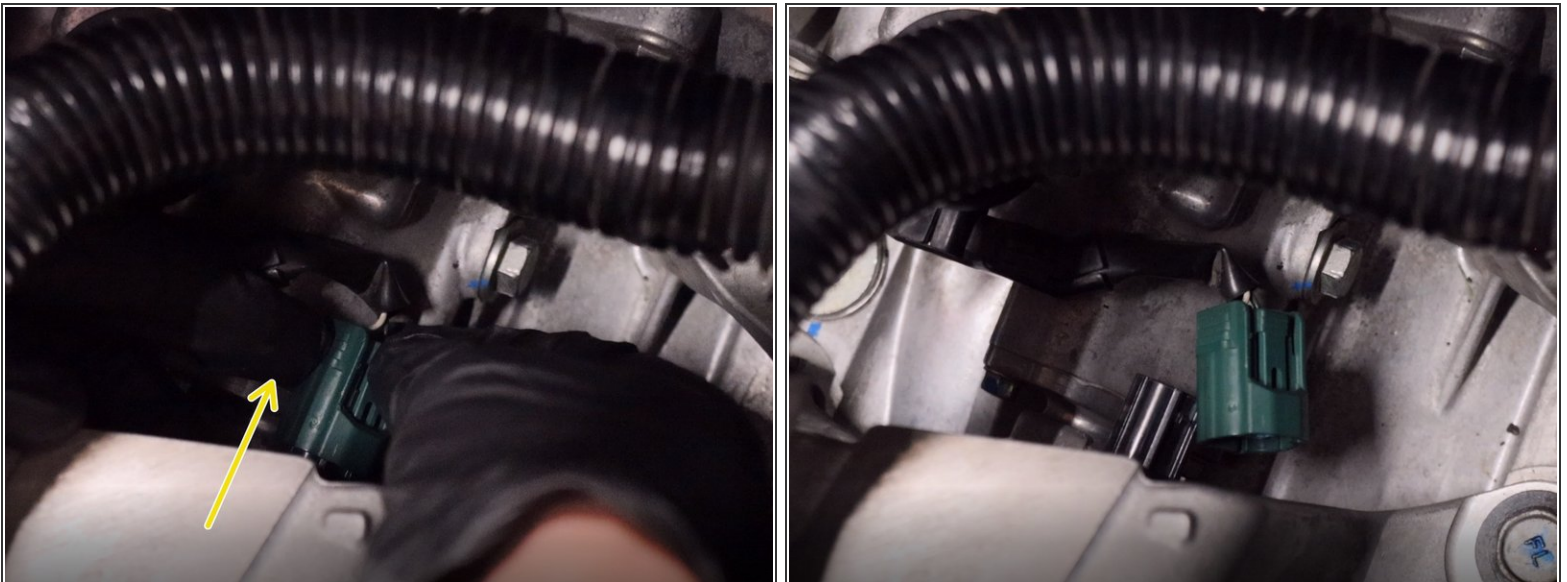
- Unclip the wire harness from the ECU bracket.
- Unclip the wiring harness from the metal battery bracket.

Step 7 — Battery Tray Removal



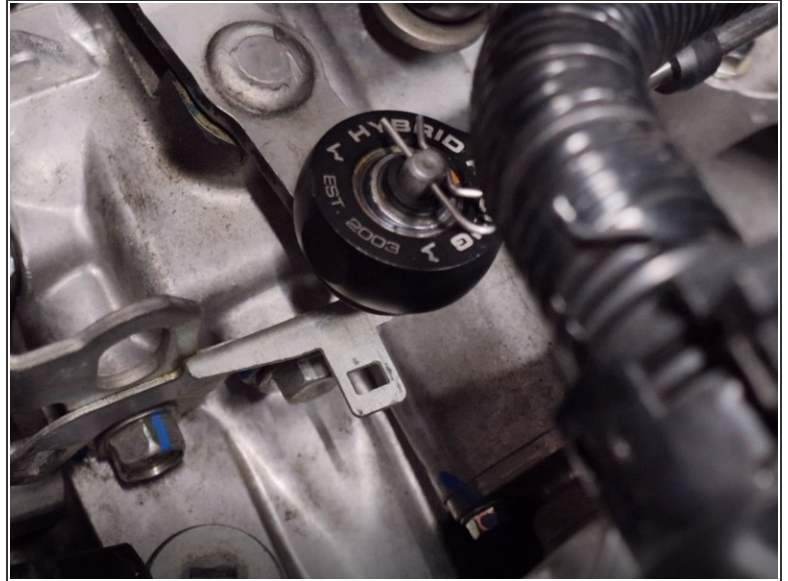
- Remove the 10mm bolts on the battery tray.
- Remove the three larger bolts holding the battery tray to the shock tower.
- Once the battery tray is unbolted, remove it from the car.

Step 8 — Unplug Harness



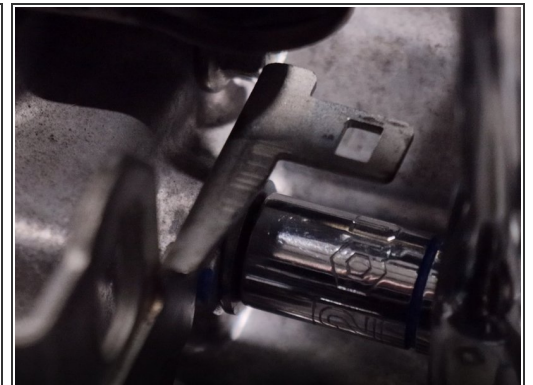
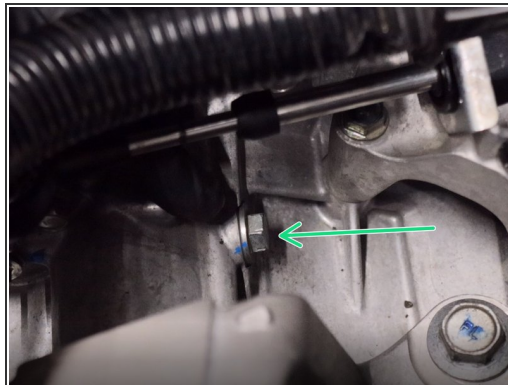
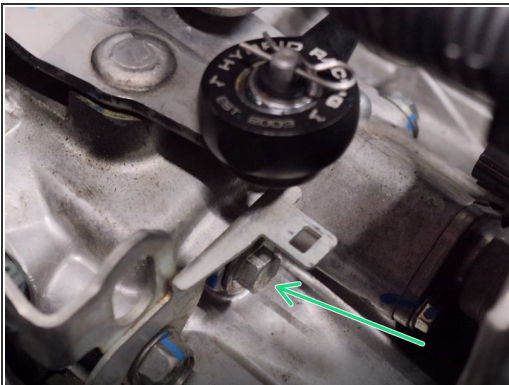
- Unplug the reverse sensor on the top of the transmission.

Step 9 — Harness Removal



- Remove the wire harness from the bracket on the front of the transmission.

Step 10 — Detent Spring Removal



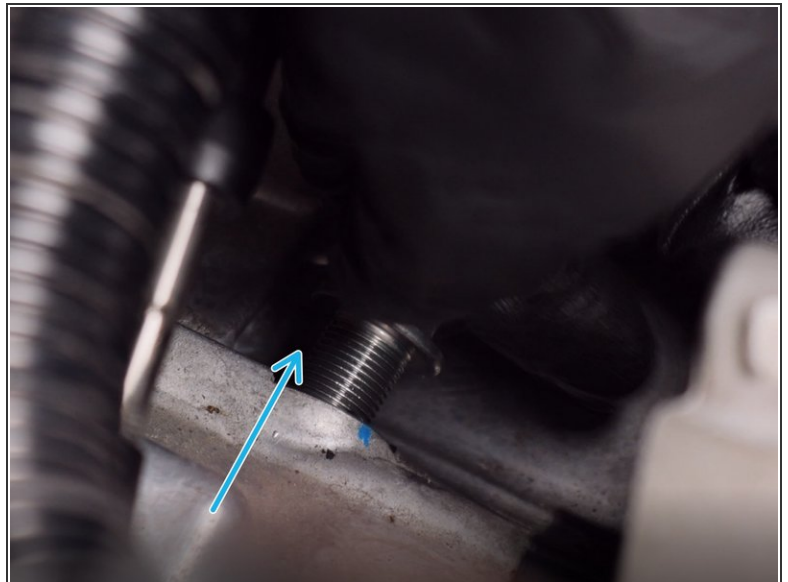
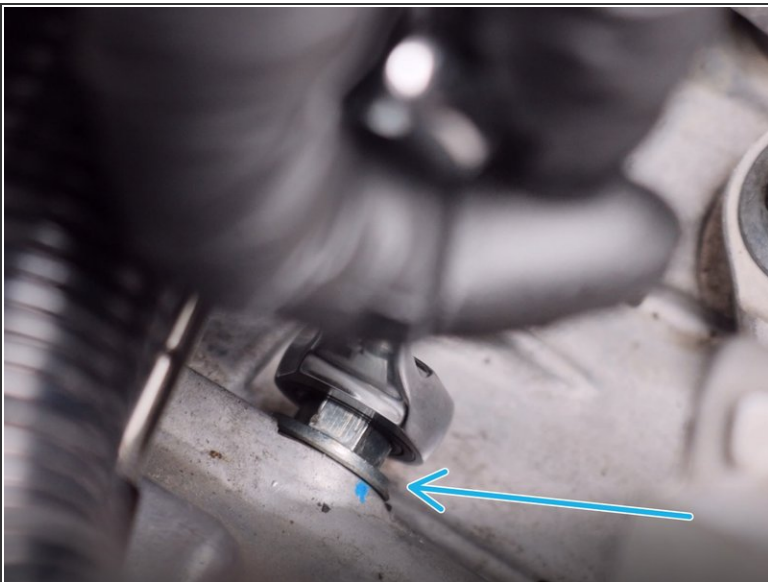
- Locate the detent spring and remove it.

Step 11 — Install New Detent Spring



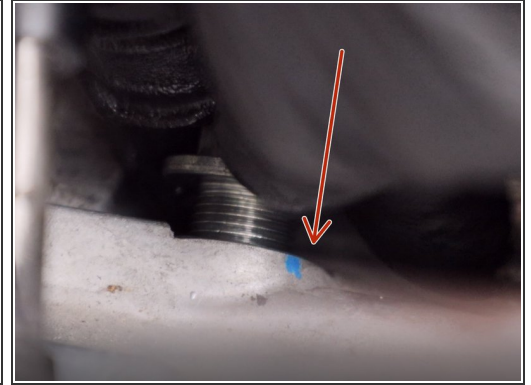
- Install the new HR detent spring and re-install into the transmission.

Step 12 — Detent Spring Removal



- Locate the side detent spring and remove it.

Step 13 — Detent Spring Install



- Swap the OEM spring for the larger HR spring.

Step 14 — Final Checks



- Reinstall the detents in the transmission and make sure you can row through all of the gears before moving forward.
- Once everything feels good, reinstall all of the parts that were removed.
- ☑ Since the battery was disconnected, the car will throw a ton of warnings when it is turned on. Just drive the car around for a little while, stop, turn the ignition off, then turn the car on again and it should all be cleared. If the warnings are still present, repeat those steps.