

Installation Manual

RTD_Honda Civic Type R (FK8 – 6-Speed)_Short Shifter







RTD
MOTORSPORTS



⚠ Safety & Warnings

- ❑ Installation should only be carried out by someone with proper **automotive experience** and the right tools.
- ❑ An incorrectly installed shifter can damage the transmission, make the car undriveable, or even cause serious accidents.
- ❑ Always disconnect the car key and ensure the **ignition is OFF** before working on the vehicle's electrical system.
- ❑ Work carefully and keep everything clean — our shifters are **precision-engineered** to fit perfectly and do not require force.
- ❑ If you are not confident, we strongly recommend contacting a **qualified workshop** for the installation.

⚠ Tools Required

<ul style="list-style-type: none">• Allen Wrench 4 mm x 1 each	<ul style="list-style-type: none">• Allen Wrench 2.5 mm x 1
	
<ul style="list-style-type: none">• Spanner_10 mm x 2	<ul style="list-style-type: none">• Ratchet x 1
	
<ul style="list-style-type: none">• Socket 10 mm x 1	<ul style="list-style-type: none">• Socket wrench extension x 1
	

⚠ Package Content

Your RTD shifter kit includes:

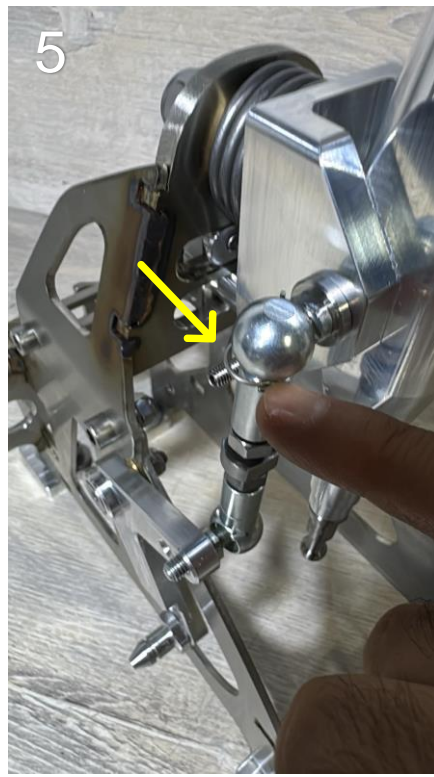
- 1x RTD Short Shifter Assembly
- 1x Shift Knob with Counter Screw
- 2x Spacers (Including Fasteners)

🔧 Installation Steps

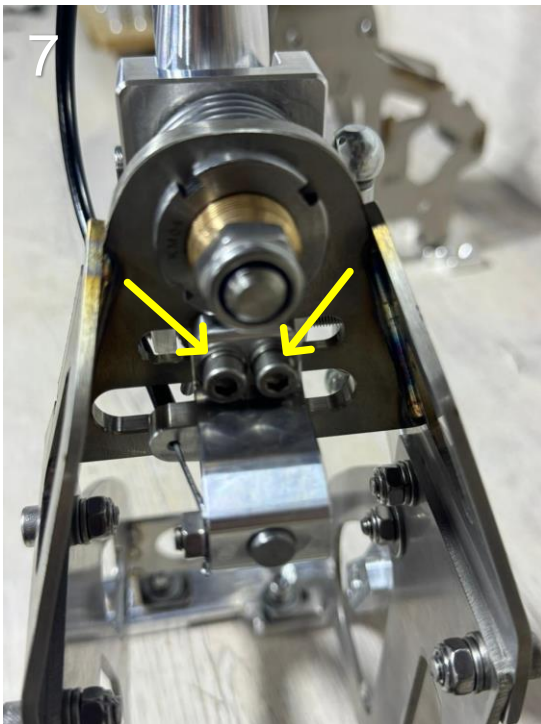
- **Remove** the center console carefully and set aside.
- **Ensure** the transmission is in neutral.
- **Disconnect** OEM shift cables from the original shifter.
- **Remove** the OEM shifter assembly from its mounting points.
- **Remove the BLUE Plastic Bushing from the OEM Shifter, apply grease on the lever bottom ball and Gently Press it at the bottom of the RTD Shifter. (Picture 1)**



- **Place** the RTD Short Shifter in position.
- **Slide** the RTD Shifter's Mounting spacers to the steering wheel side, and tighten the 4 conical bolts supplied, with an Allen Wrench 4 mm (Picture 2)
- **Secure** the shifter using supplied bolts and hardware, using a ratchet, an extension and a 10 mm socket (Picture 3) and using a 10 mm spanner (Picture 4).

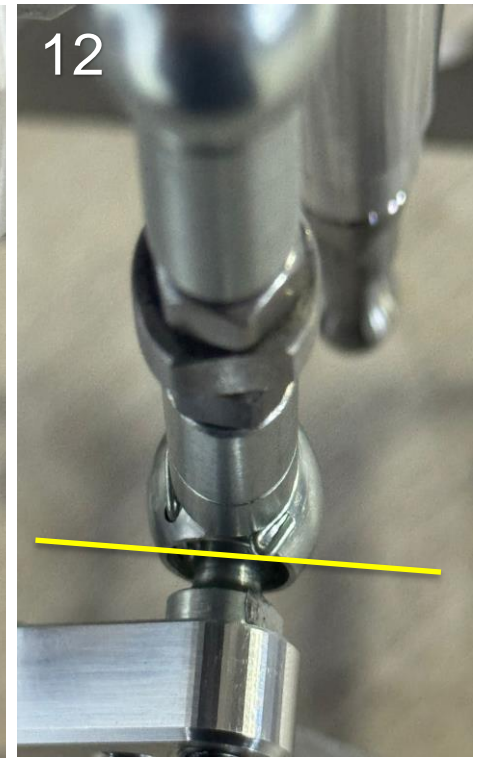
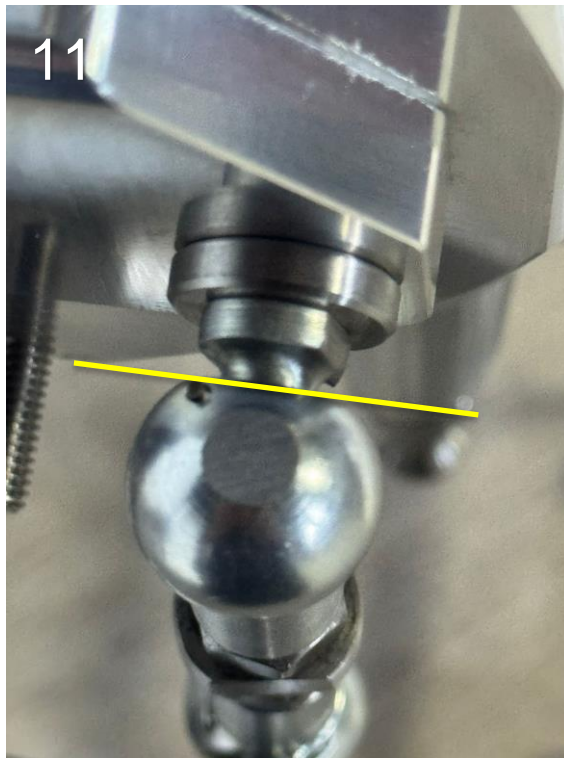
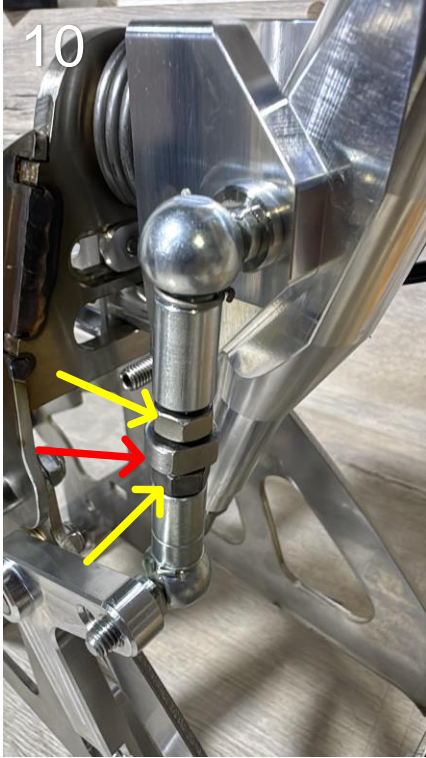


- Disconnect the Upper Ball Joint by removing the spring retainer (Picture 5, 6)
- **Reconnect** the OEM shift cable into the **RTD shifter Lever first** (*No Need to Cut OEM Cables with our shifter*).
To be connected to the blue plastic bushing in (picture 1)
- **Verify** cables are well seated in positions.
- **If Shifter isn't in a centered vertical position, Loosen the two small screws slightly (Picture 7), adjust the lever to the center position where you can move to 3rd and 4th from Neutral with Zero (Left / Right) Force.**

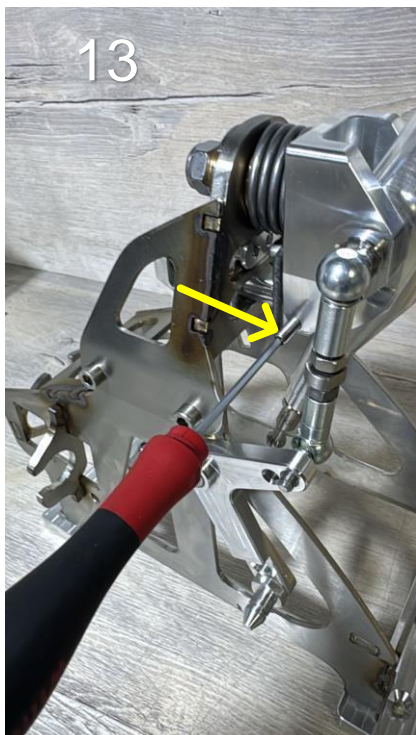


- **Apply grease to the ball joint, press it into place, and reinstall the spring retainer. (Picture 8).**

- **Make sure shifter is in Neutral, Reconnect** the OEM side shift cable into the Joint in (Picture 9) and secure it with the OEM Spring Retainer.



- Rotate the Part **(Red Sign)** (Clockwise / Or Anti-Clockwise) in (picture 10) to fine tune the shifter and make sure all gears are engaged accurately, then tighten both nuts well (**Yellow Sign**), test all gears, fine tune if needed then tighten back the nuts again!
- Ensure both ball joint cups are aligned parallel — misalignment may cause uneven shifting effort. (pictures 11, 12)



- Finally Using a 2.5 mm Allen key, adjust the M5 locking screws from both sides (Picture 13).
 - On the steering wheel side: Engage **1st gear** and tighten the screw until it contacts the locking pin. Fine tune if necessary.
 - On the passenger side: Engage **6th gear** and tighten the screw until it contacts the locking pin. Fine tune if necessary.

⚠ *This adjustment ensures the shifter remains precise — it cannot move beyond the 1–2 gear gate and cannot accidentally enter reverse while engaging 6th gear. Reverse gear will only engage by pulling the collar under the knob.*

Test Drive & Console Reinstall

- **Perform a test drive BEFORE reinstalling the center console.**
- **Confirm smooth engagement of all gears.**
- **Make fine adjustments if necessary.**
- **Once satisfied, reinstall the center console.**

Maintenance & Care

- **Regularly lubricate moving parts with quality spray grease (e.g., Thick Lithium Base Grease).**
- **Clean aluminum parts using ethyl alcohol or brake cleaner applied to a cloth.**
- **Grease Ball joints regularly.**
- **Periodically inspect all bolts and fasteners for tightness.**
- **“RTD Motorsports shifters are designed for both street and motorsport use. Proper installation ensures long-lasting performance.”**

Support & Contact

RTD Motorsports

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