



HONDA CIVIC FK8

OIL COOLER INSTALLATION GUIDE

REV 1. 2023

**THANK YOU FOR PURCHASING OUR
OIL COOLER KIT (Part No. HOCK-HON-008)**



ATTENTION

- READ THIS MANUAL FULLY BEFORE INSTALLATION
- MAKE SURE THIS KIT WILL FIT YOUR VEHICLE
- HEL PERFORMANCE RECOMMENDS THAT A TRAINED PROFESSIONAL INSTALLS THIS KIT

PARTS LIST

SETRAB 16 ROW COOLER
SHROUD ASSEMBLY + MOUNTING HARDWARE
OUTFLOW PANNEL + MOUNTING HARDWARE
X2 SPLITTER BOLTS
HEL THERMOSTATIC MULTI ANGLED SANDWICH PLATE
X2 M22 - AN10 SWIVEL BANJOS
X2 OIL COOLER HOSES
X1 HOSE SEPARATOR
X1 HOSE LOCATOR

PLEASE CHECK ALL PARTS ARE PRESENT BEFORE STARTING THIS MODIFICATION





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REV 1. 2023

- 1.** Disconnect the battery & jack up the car, always use axle stands.
- 2.** Remove the front bumper and undertray in accordance with the manufacturer's instructions.
- 3.** Remove the front left splitter mounting bolts and replace them with the supplied low profile bolts.



- 4.** Remove the left hand brake cooling duct and mounting bracket.



- 5.** Install the supplied L-shaped bracket to the brake duct mount location.



- 6.** If you are installing the outflow panel (recommended for track/race use), mark and cut out a section of the wheel arch in the highlighted area (approx. 130mm x 100mm). Install the panel using X4 self-tapping screws.



- 7.** Remove the outmost crash bar mounting bolt, above where the cooler will mount.
- 8.** Pre-fill the oil cooler (approx. 350ml) and install the banjo adapters to the oil cooler, lubricate the dowty washers with fresh engine oil.
- 9.** Offer the assembled cooler shroud assembly into position, push the brake cooling section into the factory duct cut-out in the wheel arch.

NEXT PAGE





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REV 1. 2023

10.

Secure the upper mount using the supplied M8 bolt, washer and spacer. The spacer should be installed between the cooler bracket and crash bar. Then install the lower two mounting bolts on the bottom of the shroud.



11.

At this point offer the bumper back up into position to ensure that you have a 50/50 split of airflow between the cooler and brake duct. If required remove the bumper, loosen and reposition the assembly and try again.



12.

Once you are happy with the shroud positioning remove the bumper again.

13.

Feed the 45 degree ends of the two oil cooler lines down through the gap beside the oil cooler, install the 90 degree fitting to the inboard cooler port, and the straight to the outer.

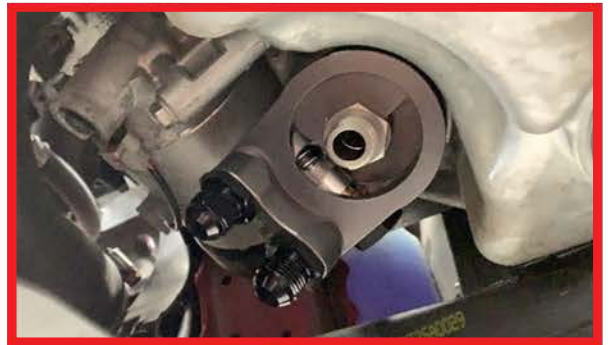


14.

Remove the oil filter.

15.

Install the sandwich plate at the angle shown, lubricate the O-ring with fresh engine oil. Tighten the centre bolt to finger tight + $\frac{3}{4}$ of a turn.



NEXT PAGE





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REV 1. 2023

16.
Loosely install the 45 degree fitting ends of the hoses to the sandwich plate.

17.
Partially fill the new oil filter with fresh engine oil, install it to the sandwich plate.

18.
Ensure that the fittings are angled so that they are above the level of the oil filter and bottom of the sump, then tighten them fully.



19.
Using the supplied cable tie locator, secure one of the hoses to a factory hole in the lower crossmember. Secure the other line to this using the hose separator.



20.
Check the routing of all hoses and fittings for fouling and potential chaffing areas.

21.
Start the car and check for leaks, top up engine oil as required.

22.
Refit the front bumper and undertray, remove axle stands and lower the car down.

Now it's time to grab a drink... sit back... and admire your new catch can kit from HEL.

We always love to see what our customers have been up to, please tag us on our social media accounts and show off your automotive builds.

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Additional HEL products for your vehicle



Carbon fibre brake pad shims
Part No. HCFS-4-029



HEL braided brake lines
Part No. HON-4-137



HEL flexible braided clutch line
Part No. CCK143

