

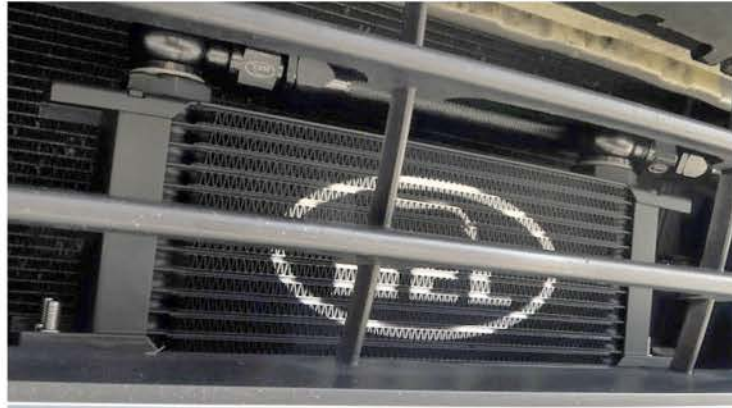


TOYOTA GT86 - SUBARU BRZ

OIL COOLER INSTALLATION GUIDE

REV 1. 2023

**THANK YOU FOR PURCHASING OUR
OIL COOLER KIT (Part No. HOCK-TOY-001)**



TOOLS REQUIRED

4MM, 12MM ALLEN KEY
10MM, 26MM SOCKET
AN10 SPANNER
DRILL
TRIM TOOL
TAPE MEASURE



ATTENTION

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

PARTS LIST

13 ROW SETRAB
HEL THERMOSTATIC SANDWICH PLATE
HEL OIL SPACER PLATE
M20 X 1.5 EXTENDED CENTRE BOLT
X2 M22 – AN10 MALE ADAPTERS
X2 M22 – AN10 SWIVEL BANJOS
X2 COOLER LINES
X2 GT86/BRZ COOLER BLOCKS + HARDWARE

PLEASE CHECK ALL PARTS ARE PRESENT BEFORE STARTING THIS MODIFICATION



1.
Disconnect the battery & jack up the car, always use axle stands.

2.
Remove the front bumper in accordance with the manufacturer's instructions.



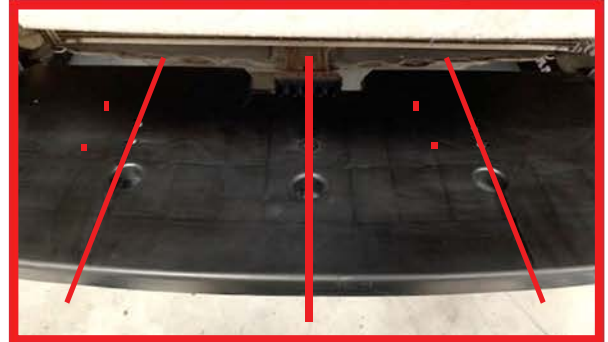
3.
Remove the radiator splash guard lower cover, there are 3 bolts and 6 clips.



4.
Measure the full width of the radiator splash guard and mark a centre line (approx 470mm).



5.
Using the attached drilling diagram mark out and drill the cooler block mounting holes.



6.
Using new engine oil, fill the cooler to just below the threads.

7.
Install the x2 banjo adapters to the oil cooler. Lubricate the dowty washers with new engine oil prior to installation.

8.
Route the two oil cooler hoses as shown, the straight fittings should be on the cooler side.

Tighten the straight fittings to the cooler before installing the cooler, this gives better access.



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9.

Mount the oil cooler and mounting blocks as shown using the supplied bolts, washers, O-rings and nuts. The larger washers should be used on the bottom of the splash guard.



10.

Remove and dispose of the oil filter.



11.

Clean the oil filter seat area and install the HEL spacer. Lubricate the O-ring with new engine oil.



12.

Install the HEL sandwich plate in the orientation shown below, lubricate the O-ring with fresh engine oil, leave the centre bolt finger tight at this point.



13.

Connect the hose from the furthest away cooler fitting to the engine side port on the sandwich plate.

14.

Connect the remaining hose to the oil filler cap side port on the sandwich plate.

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15.

Check the routing of the hoses for clearance and potential chaffing areas.



16.

Tighten the sandwich plate centre bolt finger tight + 1 full turn, ensure that you can still remove and install the oil filler cap, this is a tight tolerance.

17.

Lubricate the new oil filter O-ring with new engine oil and install it to the car.

18.

Re-connect the battery, start the car, check for leaks and top up the engine oil as required.

19.

Re-install the front bumper and lower splash guard cover in accordance with the manufacturer's instructions.

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.

 /HELPERFORMANCE  @HELPERFORMANCE

Additional HEL products for your vehicle



Carbon fibre brake pad shim
Part No. HCFS-4-043



HEL braided brake lines
Part No. TOY-4-116



HEL flexible braided clutch line for
Toyota GT86 and Subaru BRZ
Right Hand Drive (2012-2021)
Part No. CCK039





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