



TOYOTA GR YARIS

OIL COOLER INSTALLATION GUIDE

REV 1. 2023

THANK YOU FOR PURCHASING OUR OIL COOLER KIT

THIS KIT IS SUITABLE FOR TOYOTA GR YARIS 1.6 (2020-)



TOOLS REQUIRED

ALLEN KEYS - 5mm, 12mm
RATCHET
SOCKETS - 10mm, 13mm, 26mm
SPANNERS - 10mm, 17mm
AN10 SPANNER
PLASTIC CUTTING EQUIPMENT
CROSS HEAD SCREWDRIVER
TRIM TOOL



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

10 ROW SETRAB COOLER
YARIS COOLER BRACKET
COOLER HARDWARE (4 X M6 BOLTS / 4 X O-RINGS / 4 X NYLOCS)
BRACKET HARDWARE (2 X M10 BOLTS / 2 X SPRING WASHERS/ 2 X FLAT WASHERS)
4 X M22 AN10 SWIVEL BANJOS
2 X OIL COOLER HOSES
92 DEG THERMOSTATIC HEL SANDWICH PLATE
2 X AN10 HOSE SEPERATORS
21MM P-CLIP + 1 X M6 BOLT + 2 X WASHERS + 1 X NYLOC
1 X M6 CHIMNEY NUT + 1 X M6 BOLT + 1 X WASHER

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 and under tray in accordance with the manufacturer's instructions.



3. Remove the plastic radiator shroud along with the foam crash bar insert.
4. Unplug and remove the horn, then unclip the horn wiring harness from the crash bar.



5. Route the horn wiring harness below the headlight and down behind the crash bar, then install the supplied chimney nut to the highlighted tab.



6. Fit the horn to the new location using the supplied bolt and washer. Re-connect the horn wiring harness.



7. Install the cooler to the mounting bracket using the supplied bolts, O-rings and nuts.



8. Using the supplied hardware install the cooler and bracket assembly to the two tabs in the centre of the crash bar. Ensure that the washers are in the correct orientation (bolt - spring washer - flat washer).



9. Remove and discard the oil filter.

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10. Lubricate the HEL sandwich plate O-ring using new engine oil. (If aftermarket sensors are not being used tighten the sensor ports using PTFE sealant.)

11. Remove the front bumper and under tray in accordance with the manufacturer's instructions.



12. Install x2 banjo adapters to the sandwich plate with two dowty washers.

13. Using new engine oil partially fill the new oil filter, lubricate the O-ring and install it to the sandwich plate.

14. Trim the centre tab off of the foam crash bar insert, then re-install it to the car.



15. Offer the forward radiator shroud up to the car, mark a cut line on the right hand side of the shroud where the hoses will run.

**use the photo below as a guideline*



16. Remove the radiator shroud and trim along your cut line, then re-install to the car.



17. Feed the cooler lines through the space between the headlight and crash bar.



18. Using new engine oil, fill the cooler to just below the threads (approx 0.4L).

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19. Install the cooler line with the 180° fitting to the far side of the cooler, then using the supplied bolt/washers/nut secure the P-clip in the location shown in the photo to the right.

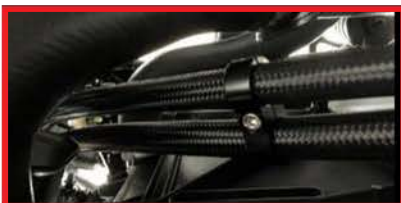


20. Install the remaining line to the cooler.

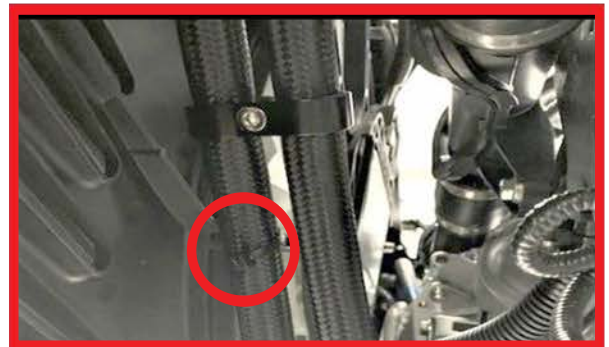
21. Install the two hoses to the sandwich plate below the car.



22. Check the routing of the hoses for clearance and potential chaffing areas. Install the two supplied hose separators where required.
**use the photos below as a guideline.*



23. In some cases, it can be very difficult to eliminate all potential chaffing areas, if this is the case, we recommend securing the cooler hoses using a cable tie in the location shown in the photo below.



24. Re-install the front bumper and undertray in accordance with the manufacturer's instructions.

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

Now it's time to grab a drink... sit back... and admire your new oil cooler 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

Oil catch can kit
Part No. GRYARISCKK

HEL braided brake lines
Part No. TOY-4-151

Carbon fibre brake pad shims
Part No. HCFS-1-001

HEL Performance rear differential oil cooler kit
Part No. GRDIFF

