

# Honda Civic FK8 Type R Oil Cooler

## Fitting Instructions

### Tools Required:

- Ratchet and Socket set
- Trim Removal Tool
- Philips Screwdriver
- Drill and 5mm Drill Bit
- Dremel or similar to cut the arch liner
- RECOMMENDED (NEW OIL FILTER AND NEW OIL OF THE CORRECT GRADE)

### Kit Contents:

- 1x AIRTEC Motorsport Oil Cooler
- 1x AIRTEC Motorsport Bracket
- 1x AIRTEC Motorsport Grille
- 1x Thermostatic Sandwich Plate
- 2x AN10 Lines with Fittings
- 2x AN10 Line Separators
- 1x M8x35mm Socket Head Bolt
- 1x M8 Washer
- 4x M6 x 12mm Hex Head Bolts
- 8x M6 Washers
- 4x M6 Nuts
- 6x M4x12mm Socket Head Bolts
- 6x M4 Washers
- 6x M4 Nyloc Nuts



PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

# Instructions

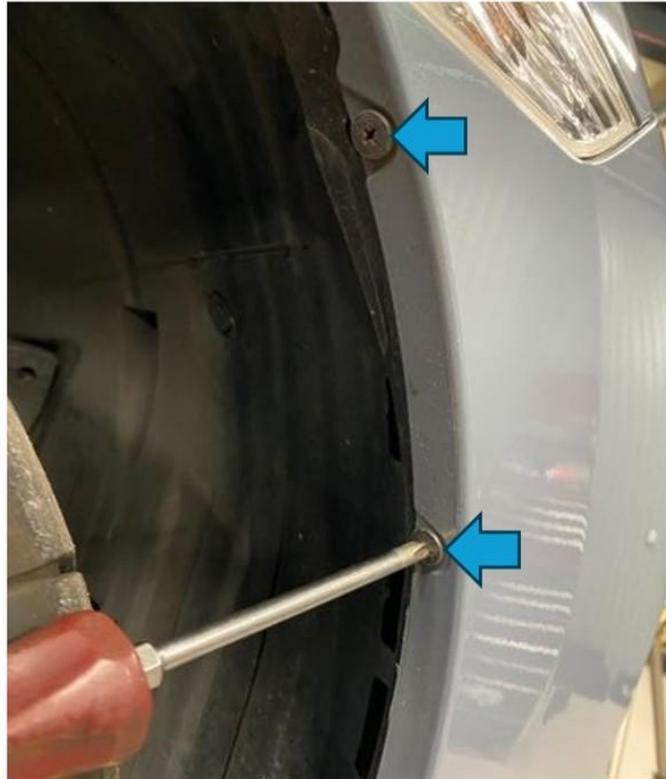
1. Firstly, release the under tray by removing the fixings highlighted. There are two more trim clips in each wheel arch that also need to be removed.



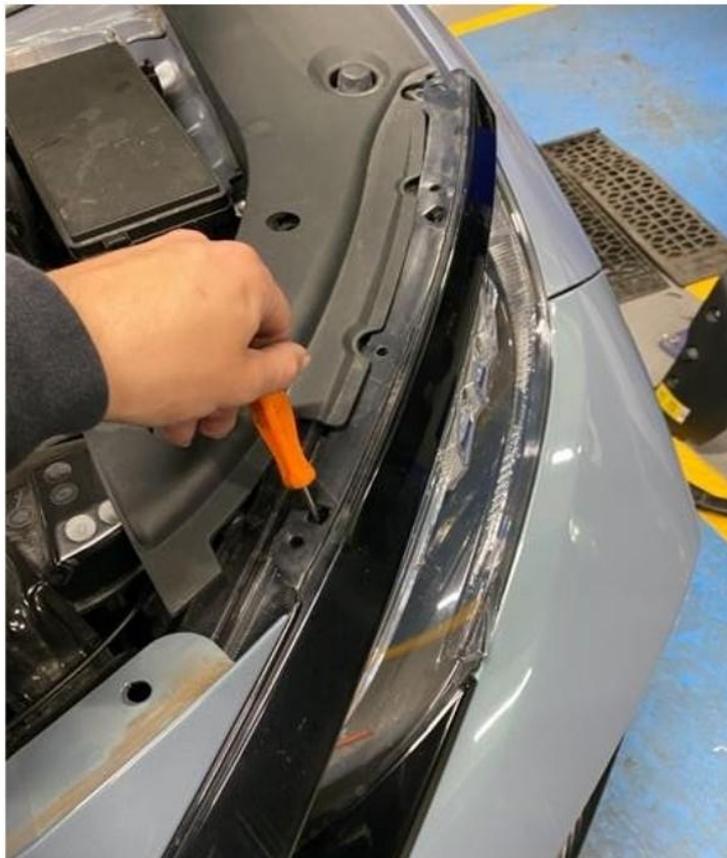
2. Release the slam panel by removing the 10 clips holding on the rubber seal (blue arrows) and then removing before remove the other 10 clips securing the panel itself (orange arrows).



3. Now remove two Philips screws in each wheel arch that secures to the bumper. You can then then carefully but firmly pull the bumper away from the wing to release the bumper.



4. Release the two clips above each head light by inserting a pick tool inside the square gaps and pressing down.



5. You will need to remove the right-hand side wheel arch liner.



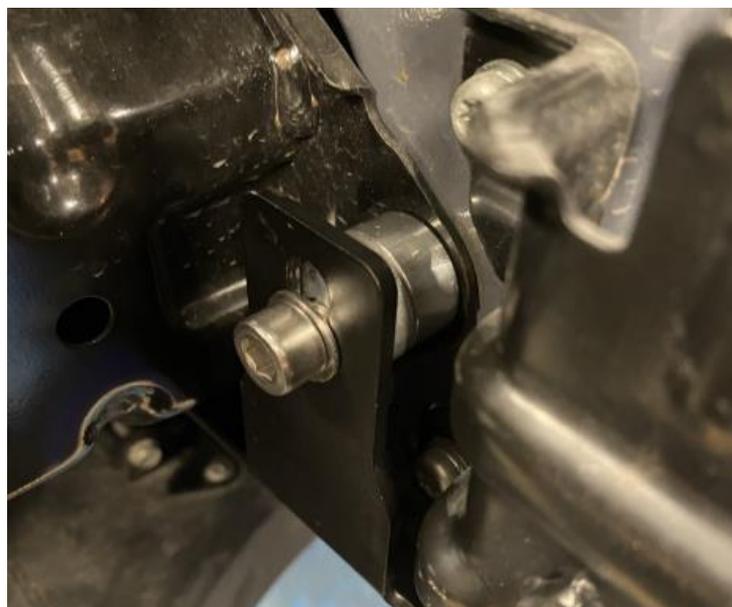
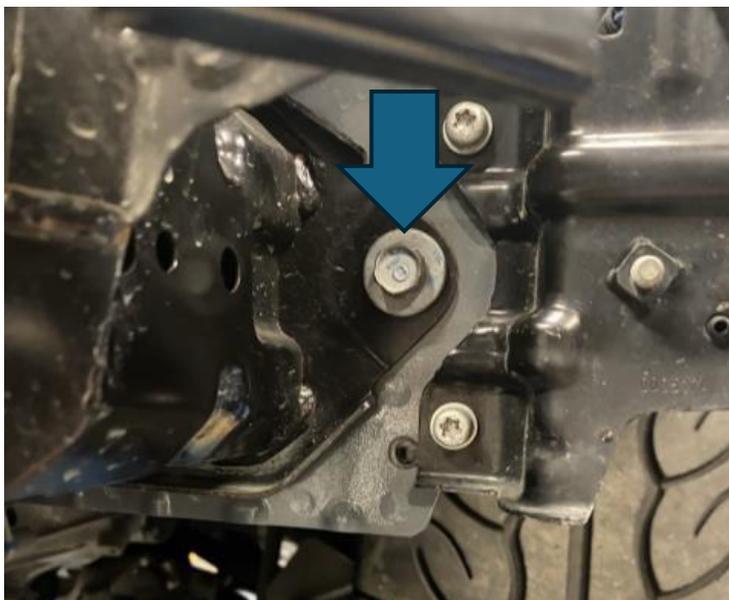
6. With the arch liner removed, line up the supplied cooling grille as shown and mark the holes as well as the outline of the grille. Then remove the grille and mark 10mm in from the outline. This will be where you will need to cut. Drill out the holes using a 5mm drill bit and use a Dremel tool or similar to cut out the rest. You can then fit the grille using the supplied M5 hardware, as shown.



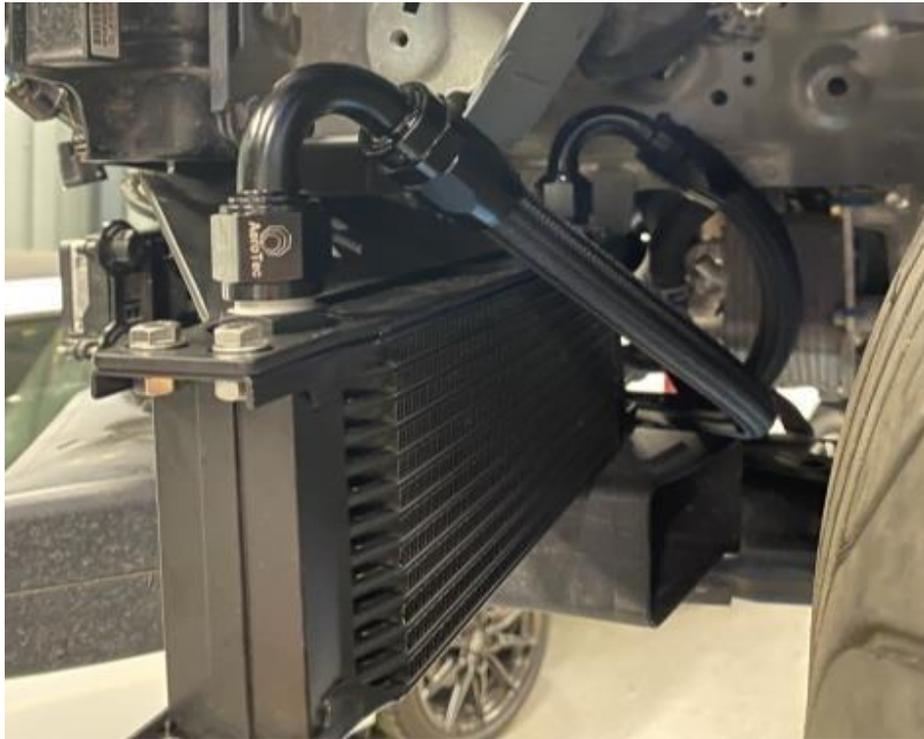
7. Assemble the bracket to the oil cooler as shown using the supplied M6 fittings.



8. Locate the 17mm bolt on the right-hand side lower wheel arch. Remove it and then attach the oil cooler bracket to the car using the two supplied 10mm spacers. Then replace the original bolt with the supplied M8 bolt and washer, placing it through the bracket and into the hole, as shown.



9. Install the oil lines to the cooler with the longer line going to the outer port on the oil cooler. Use either a AN hose fitting spanner or an adjustable spanner with masking tape over the jaws to reduce the risk of damaging the finish on the fittings.



10. Have a suitable container to catch on hand to catch any oil and then remove the oil filter. Then install the supplied sandwich plate using the adaptor and O-ring provided. You can then connect the oil lines to the plate and fully tighten.

**Please note:** Before installing, check all 7 fittings on the sandwich plate are fully tightened. You should also smear a small amount of clean oil around the seal and the oil filter before installing.



11. Use the supplied AN10 line separators to secure the lines together. Then reinstall the wheel arch liner in reverse of how you removed it.



12. To increase the cooling efficiency of the oil cooler you can remove the fog light. To do this, unplug the fog light, then push down the clips round the outside and push the surround out. With the surround out you can undo the two Philips screws securing the lamp. Then reinstall the surround.



13. Finally, top up the vehicle with oil and then start vehicle for a few seconds to allow the oil filter to fill and then recheck the oil level and top up as needed. Run the vehicle until up to temperature and then check for any leaks on all 7 sandwich plate connections and all 4 oil line fittings.

Once cool recheck the oil level again and top up as needed. Once happy with the install you can then reinstall the bumper and undertray in the reverse of the removal.

