

Honda Civic Type R Oil Cooler Fitting Instructions

Tools needed:

- A vehicle lift or a jack and axle stands
- Trim removal tool
- Socket set
- 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 Includes:

- AIRTEC Motorsports oil cooler
- AIRTEC Motorsports bracket
- AIRTEC Motorsports grill
- Thermostatic sandwich plate with adaptor and fittings
- 2 x AN10 braided lines with fittings
- 2 x AN10 line separators
- 1 x M8 x 35mm socket head bolt with washer
- 4 x M6 x 12mm hex head bolts
- 8 x M6 washers
- 4 x M6 nuts
- 6 x M4 x 12mm socket head bolts
- 6 x M4 washers
- 6 x M4 nyloc nuts

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

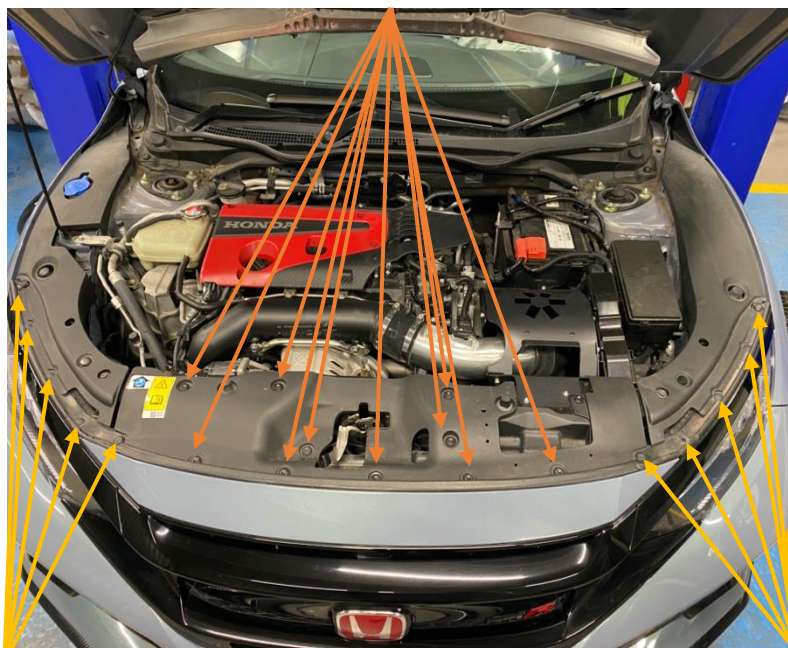


Instructions

1. Remove all bolts and clips securing the under tray in place using a trim tool and 10mm socket, once all fixings have been removed you can then remove the under tray. There are 2 trim clips in each wheel arch that also need to be removed to drop the undertray.



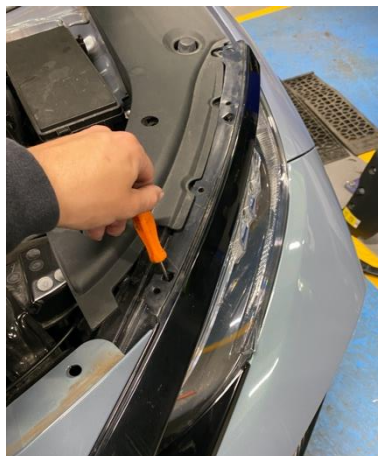
2. Remove the slam panel by firstly removing the 10 x clips holding on the rubber seal at the front and removing before removing the 10 clips holding on the panel itself. It can then be removed.



3. Remove x2 Philip screws in each arch then pull the bumper away from the wing to release the bumper.



4. Unclip the top of the bumper by releasing the x2 clips above each headlight, to do so you will need to insert a pick tool inside the square gaps and press down until the clip releases.



5. The front bumper can now be removed by pulling at the sides of the bumper and using a second person pull the bumper forward so you can unplug the wiring harness and then place the bumper safely aside.



6. You will need to remove the right hand wheel arch liner. There are push clips, a Philips screw and 10mm bolts holding it onto the vehicle.



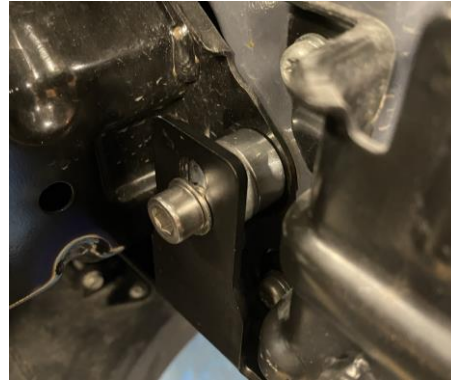
7. With the arch liner removed line up your grill on the arch and mark the holes and around the shape of the grill, from the outside of the grill come in 10mm and draw the shape again. This will be what you will need to cut out. Drill out the holes using a 5mm drill bit and we recommend using a dremel to cut out the shape of the grill. Once cut out then bolt on the grill using the supplied M5 hardware, place the nut on the inside of the wheel arch liner.



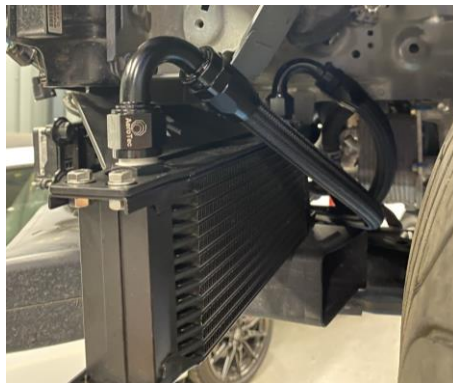
8. Assemble the bracket to the oil cooler as pictured below using the supplied M6 fixings. Note the bracket sits forward of the face of the oil cooler.



9. Working on the right hand side of the vehicle remove the bolt pictured using a 17mm socket and then attach the oil cooler bracket to the car using the 2 x supplied 10mm spacers and then put the M8 bolt and washer through the bracket and into the hole from where the 17mm bolt was removed.



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



11. Using a suitable container to catch any oil remove the oil filter from the car and then install your thermostatic sandwich plate using the supplied adaptor to tighten. Install the other ends of the oil lines to the sandwich plate and tighten. Before installing wipe a small amount of clean oil around the seal and then before installing a new oil filter again wipe a small amount of clean oil around the seal and then install.



12. Use the supplied AN10 line separators to clamp the lines together.



13. Reinstall the arch line to the vehicle in the reverse of how you removed it.

14. There is airflow to the oil cooler from the front bumper however to increase the cooling efficiency further for example on track then you can remove the fog light. To do this firstly 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 2x Philips screws holding in the fog lamp. Reinstall the plastic surround and plug back in the parking sensor.



15. 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. 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.

