

GReddy Performance Products, Inc.

# GPP Oil Cooler Kit

2017-2018 HONDA Civic Type-R (FK8)

## Installation Manual

Please read the entire manual before installing this kit.



## Parts List

|   |       |
|---|-------|
| 1. <u>GReddy/Trust NS1010G 10 Row Oil Cooler Core</u>               | 1     |
| 2. <u>GReddy/Trust Sandwich Adapter Block M20xP1.5 w/thermostat</u> | 1     |
| 3. <u>Oil Line #1 -10 53" hose w/ 90deg to 120deg</u>               | 1     |
| 4. <u>Oil Line #2 -10 43" hose w/ 90deg to 180deg</u>               | 1     |
| 5. <u>Bracket #1 Outer</u>  | 1     |
| 6. <u>Bracket #2 Inner</u>  | 1     |
| 7. <u>Air Duct Plate</u>  | 1     |
| 8. <u>M6 x 15mm P=1.25 flange bolt and flange nut</u>               | 8sets |
| 9. <u>M6 x 15mm P=1.25 flange bolt</u>                              | 4     |
| 10. <u>M6 tapping screw for air duct plate</u>                      | 1     |
| 11. <u>Zip Ties</u>   | 4     |

### Other parts needed for this installation

1. New oil filter (GReddy filter recommend Part# 13901105 OX-05) 1
2. New engine oil (factory recommend spec) (see owners manual)



## Installation

Caution: When removing stock parts, make sure you read the factory repair manual for proper procedures.

### 1. Stock Parts Removal

- 1.1 Disconnect the negative side of the battery.
- 1.2 Remove the undercover, and the front bumper.
- 1.3 Remove the driver side brake air duct
- 1.4 Remove the oil filter

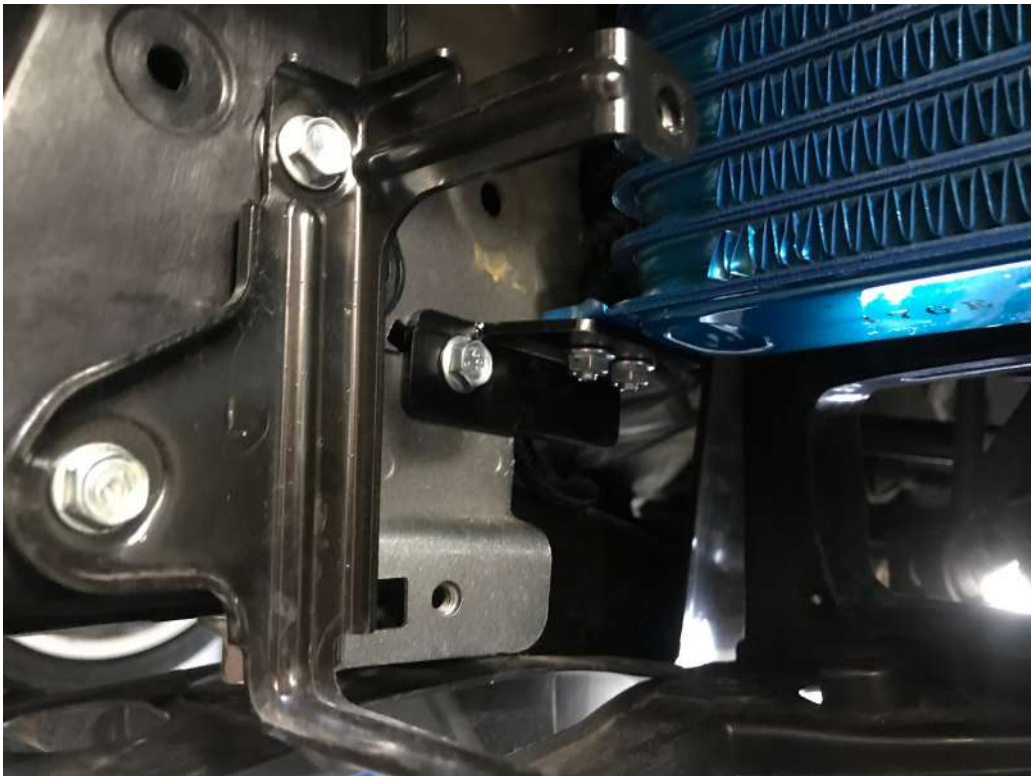
### 2. Kit Installation

- 2.1 Install the fittings on the sandwich adapter block with the AN fitting pointed to the sides, and install the plugs on the top.  
(Parts used #2)
- 2.2 Install the sandwich adapter block to the engine with the outlet facing to the front as shown and install the oil filter.



(picture shows optional pressure and temp fitting)

2.3 Install the Oil Cooler Core to the front of driver side fender well using Bracket #1 and #2 (Parts used #1,5, 6, 8, 9)





### 2.3a (update)

Install the Oil Cooler brace on one side of the oil cooler core as shown in the picture below using provided M6 x 15mm P1.0 bolts and nuts



2.4 Connect the oil line between the sandwich adapter block fitting and the oil cooler. The 90deg fitting goes to the sandwich adapter block side and points down. The 180deg fitting goes to the passenger side (inner side) of the cooler and the 120deg fitting goes to the driver side (outer fitting) of the cooler. Route the line through the inner fender lining as shown in the picture.

(Parts used #2,3)



2.5 Secure the line to the radiator fan shroud frame behind the radiator as shown using zip-ties. Make sure to slide the thermo cover on the hoses near the downpipe. (not shown in the picture) (Parts used #11)





2.6 install the Air Duct Plate as shown in the picture. Secure the front top on the plate to the bumper reinforcement bar using the tapping screw provided.

(Parts used #9,10)





### 3. Stock parts modification

3.1 cut out the driver's side grill to match the passenger side to get proper air flow to the oil cooler.



3.2 cut out the inner fender lining behind the oil cooler to get proper air flow behind the oil cooler. This can be done in various ways but if tracking the car, use wire mesh to protect the oil cooler core.



#### 4. Installation inspection

- 4.1 Check and make sure all the fitting, bolts and nuts are tight.
- 4.2 Reconnect the negative terminal of the battery.
- 4.3 fill 3/4qt of engine oil.
- 4.4 Start the engine and check for any leaks at the fitting on the sandwich adapter fitting and at the oil cooler. Tighten the fitting if it shows signs of leaks.
- 4.5 After letting it idle for couple minutes, check the oil level, and refill if necessary.

#### 5. Stock Parts reinstall

Reinstall the factory parts in the order they were removed by following factory procedures.

- 5.1 Reinstall the driver side brake air duct
- 5.2 Reinstall the undercover, and the front bumper.

Installation is complete.

By installing this oil cooler, you may experience slight oil circulation noise (swishing/humming sound) but this would not affect the oiling system.

If you have any further question regarding installation or this product, please feel free to contact your GReddy Authorized dealer or GReddy Performance Product, Inc.

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