

PRODUCT COOLING

PRODUCT



OIL COOLER KIT

[OIL COOLER KIT]



It's very important to control the oil temperature to enjoy driving.

Extreme increases in oil temperature can break down the oil and decrease its ability to lubricate, cool and clean the engine and can cause damage as a result. HKS Oil Cooler Kits are designed with advanced cooling technology which enables stable oil temperatures to extract the maximum ability from the engine.

Oil Cooler Kit for Vehicle Specification

Optimum size of the core and layout design improves cooling performance.

With the use of a new core, both cooling and pressure drop prevention are balanced at a high level. Some vehicle applications contain air guides which maximize the air flow through the oil cooler core during vehicle operation, even in drifting applications where the car may not be facing in the direction it is pointing.

* Some kits are the factory replacement type.



R-TYPE: S15 Fender Spec.



CT9A LANCER EVOLUTION VIII

Universal Oil Cooler Kit

Two types of kits are available with **R Type kits: filter relocation type** and **S Type: sandwich type** which is held at the oil filter.

Oil Temperature Controlled by Thermostat

HKS Oil Coolers use high performance cooling cores; so there is the possibility of overcooling which is prevented by the use of a thermostat (some vehicles excluded). This thermostat has high response and able to react quickly to change of oil temperature. Once oil temperature reaches the set level, the

oil will flow through the cooler core but bypasses when temperatures drop lower. This allows engine oil to be maintained at the ideal temperature.

- * Thermostat Opening Temperature 70°C (±3°C)
- * Thermostat Full Open Temperature 80°C (±3°C)

Thermostat relief feature allows for safe operation in times of emergency

In cases where the core or lines become blocked and the oil pressure rises, the thermostat will bypass the core to maintain the correct oil pressure and prevent damage to the oil lines and fittings

Stainless braided hoses chosen for increasing durability

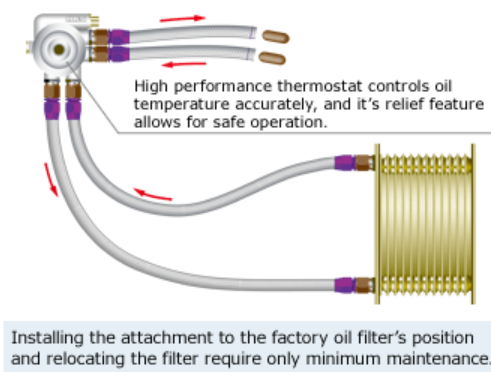
Hose lengths and fitting types are tailored to each vehicle application to ensure easy and tidy fitting while preventing connection errors.

R TYPE

HKS Oil Cooler kit R Type is a filter relocation type for strict control of oil condition.



The core on the above photo is different from the actual core included in a kit.



HKS Oil Cooler R Type can relocate the location of an oil filter so the oil filter replacement can be easily done. As remarkable difference from the others, thermostat is activated by temperature of the oil flow out of the engine, that allows engine oil to be maintained at the ideal temperature. This thermostat has high response and relief feature which activates when differential pressure exceeds 200kPa (2.0kgf/cm2).

[Oil Temperature Meter: Oil Pressure Gauge Installation Hole]

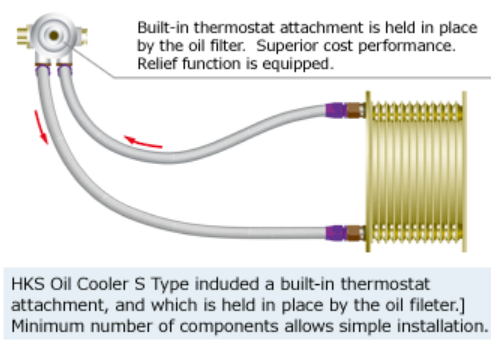
Adaptor Thermo: M12×P1.25 (1hole) , PT1/8 (1hole)

S TYPE

HKS Oil Cooler Kit S Type is a sandwich type which has a built-in thermostat attachment.



The core on the above photo is different from the actual core included in a kit.



HKS Oil Cooler S Type includes a built-in thermostat attachment, and which is held in place by the oil filter. Also, it provides superior cost performance.

[Oil Temperature Meter: Oil Pressure Gauge Installation Hole]

Adaptor Thermo: M12×P1.25 (1hole) , PT1/8 (1 hole)

Note on Installation of Universal Oil Cooler Kit

Before Purchasing the Product

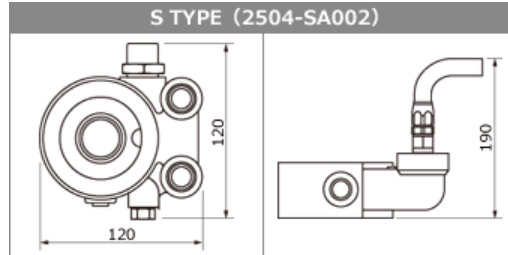
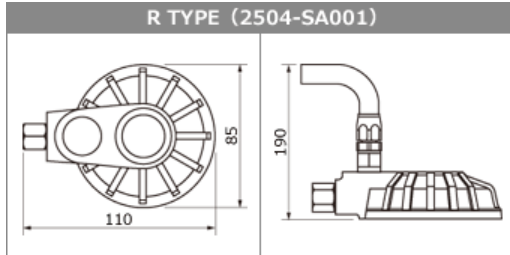
- There are inapplicable vehicles depending on vehicles' specifications.
- Check the followings to make sure the kit is compatible with your vehicle.

1. Screw Size for Oil Filter Installation

The screw size must be 3/4-16UNF or M20×P=1.5.

2. Clearance for Attachment Installation

To install the engine block attachment, adequate clearance is required. See the diagrams below. (In unit of mm)



3. Oil Filter

The screw can be installed properly as shown in the diagram on the right.

