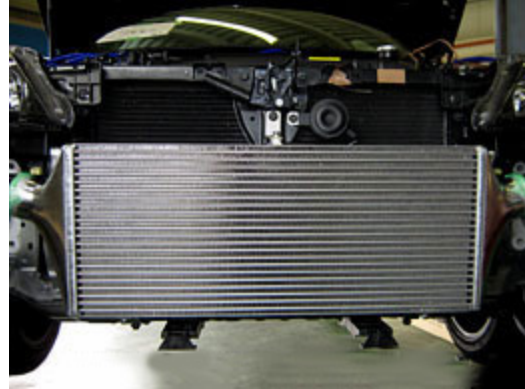
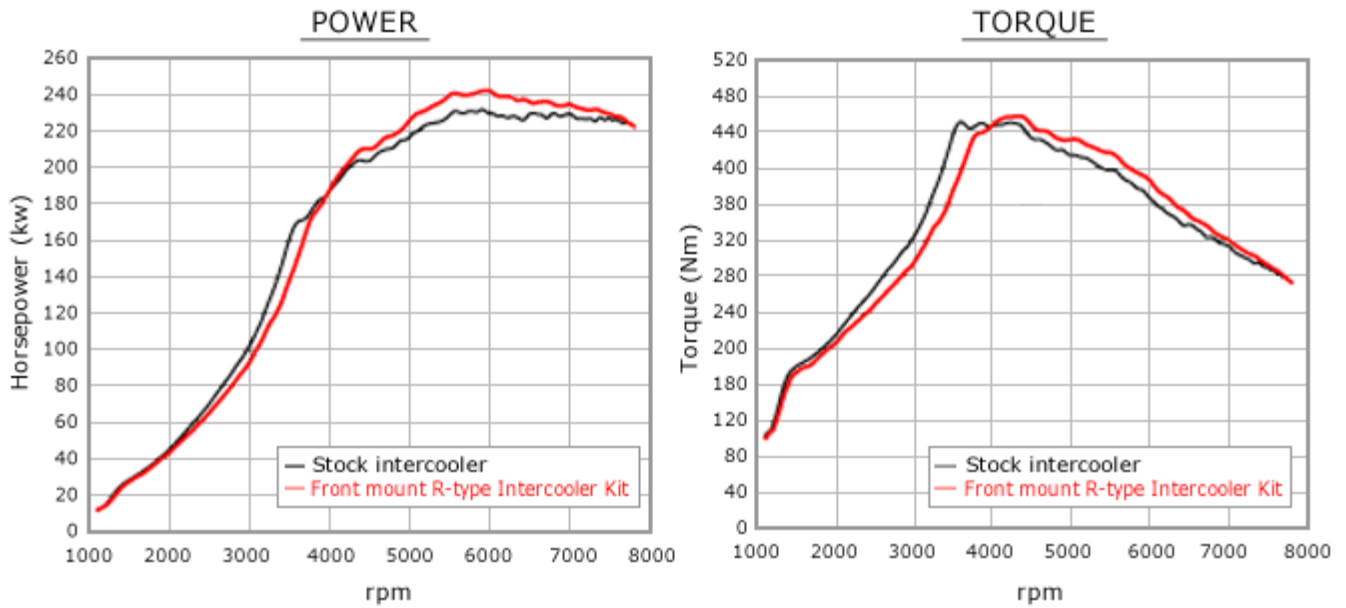


# R TYPE INTERCOOLER



## Features

- We used R type core for larger size + low pressure loss for better performance than stock intercooler.
- The side tank has effective usage of air flow of core bumper open from the intercooler entrance to exit.
- We made it very short piping layout and large radius of bending to reduce the bad response caused by front mount layout. So it will have about same as the stock intercooler boost pressure spooling.
- Stock intercooler in the engine compartment, the core tends to accumulate the heat from engine and cause knocking for the starting. By putting the intercooler in front help prevent the knocking and make it unbreakable tuning.
- Core size (600×255.6×103), Stock (170×525×65)
- You can improve performance with normal ECU but using HKS F-CON iS/V Pro for setting let you have more and better performance.



### ■ Components

Components	
Core Assy	R type core (side tank polished)
Inlet pipe	3 pcs (aluminum polished)
Outlet pipe	3 pcs (aluminum polished)
Type of Hose	Silicon hose
etc.	bracket tromp

### ■ Test vehicle

Vehicle	ImprezaWR X STI
Model	GRB
Engine Model	EJ207
Transmission	6MT
Muffler	LEGAMAX Premium
Other exhaust part	METAL CATALYZER+ Center Pipe
Air Cleaner	Racing Suction R
ECU	F-CON iS
Boost controller	EVC (140kPa)

### Cautions for Installation

- You need modify the bumper and size of battery to B19L size for installation.
- Can't use with the stock recirculation valve. SQV is installable. (The flange is welded into SQV pipe)
- Need separate Racing Suction Reloaded.
- You don't need ECU setting for exhaust system tuning, but if you do the performance will get better. With already boost-up vehicles, we recommend the setting with F-CON iS or V Pro for better performance.
- Approximate installation time is 5 to 6 hours

Vehicle	Model	Engine	Model Year	Type	Core Size · Location	Type	Code No.	Price	Remarks
IMPREZA	GRB	EJ207	07/10-14/08	R type INTERCOOLER	600X255.6X102 · Front mount	R type AL	13001-AF014		Not fit to stock option fog lamp. Battery must be changed (B19L). Racing Suction Reloaded(70020-AF010) required.