

## Product Detailed Information

### HDI SUBARU WRX GRF + CAI GT2-PRO INTERCOOLER KT

#### Description

Intercooler kit (work with SUBARU WRX GRF + CAI)

#### Product Code

IK-GRF-GT2-PRO-SH

#### Our Price

AUD899.00

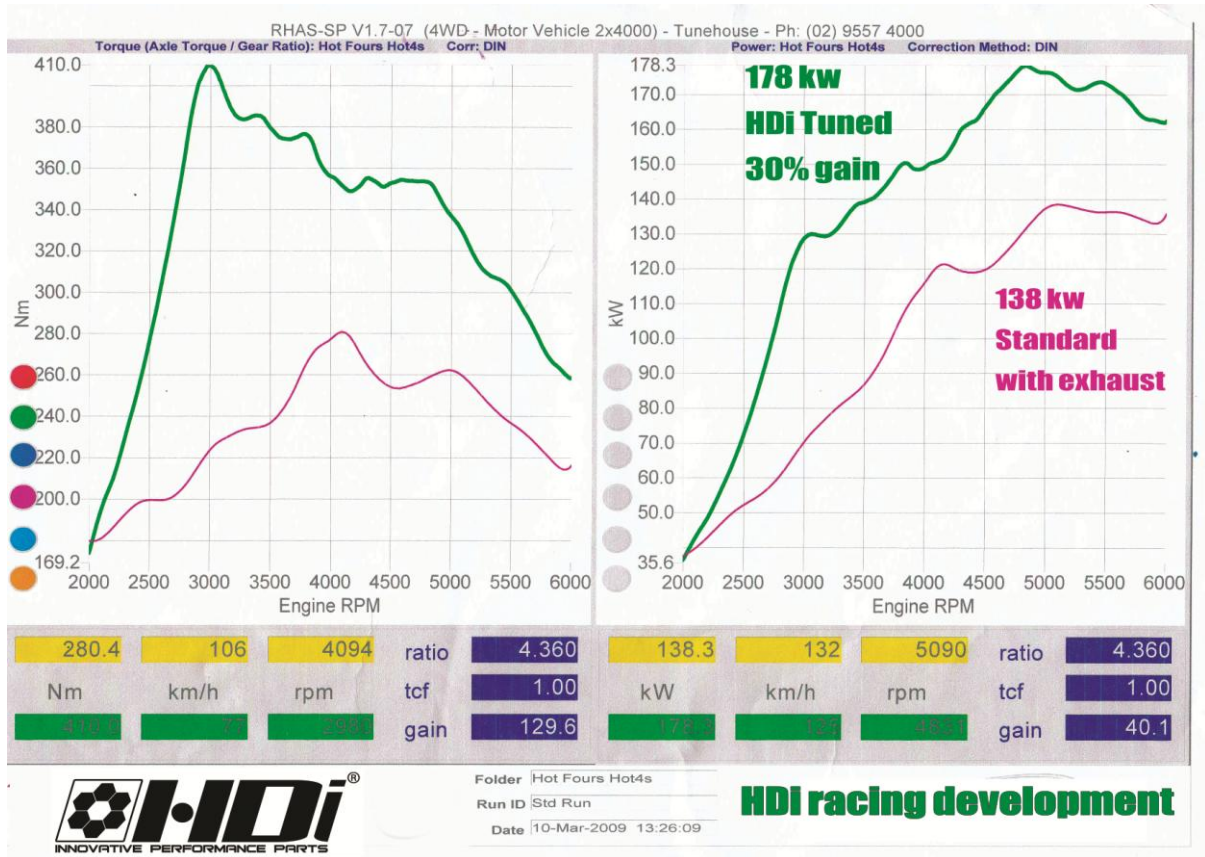
#### More Product Detail

HDI intercooler kit design to complete remove the standard tub and fin intercooler and piping with minimum installation charges and targeting the factory intercooler kit's restrictive problem it is 80% larger in size and 45% larger in inlet port, pressure drop is kept minimal, special GT2 Pro design also maximise the efficiency after boost pressure increases.

#### Features

- High power capacities 280-780hp
- Ultra low pressure drop 0.2 – 0.8 at 15psi
- High cooling efficiency 85- 32 degree C (28 C ambient)
  - Light weight Core weight only 6.5kg
    - Typical power gain 18-25 kw
  - Light weight polished aluminium piping kit
    - GT2-580intercooler
  - Racing 3 layer reinforced silicon hose
    - HDI clamps
    - Bracket and parts
    - Installation manual

### Dyno Graph/Sheet info



RPM	Standard(4wkw)	HDI(4wkw)	Gain(4wkw)
4831	135	178 With HDi MAX-ROM	43

### Product Disclaimer

This product is designed for use on off-road/competition vehicles only. The use of this product on a pollution controlled vehicle or on a public highway may be illegal in your country. Please check your local laws. Images may not be representative of the actual product.

## Installation Instruction

Note: This guide is for reference only picture and the actual car may be different if in doubt please email

[tech@hybrid-power.com](mailto:tech@hybrid-power.com)



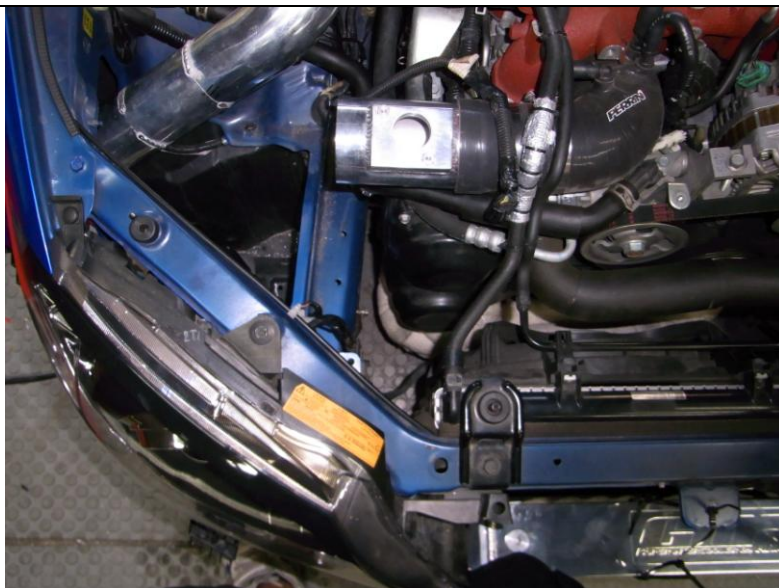
Remove the air intake scoop from the air box by unclipping the front and removing permanently



From the air box, carefully unclip the Air Flow Meter wiring harness



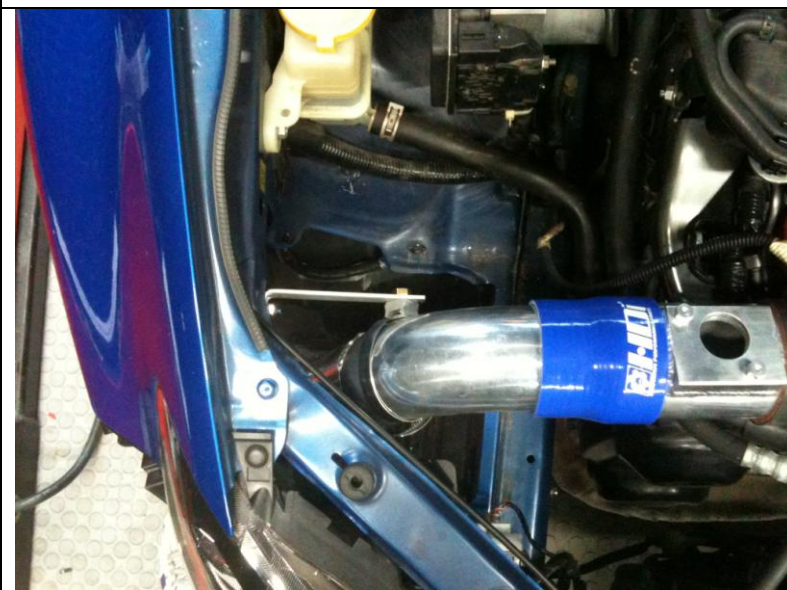
Unclip the side brackets  
from the top of the air box



Install supplied Cold Air  
Intake pipe and the Airflow  
meter adaptor.



Install HDi CAI brackets



Remove the factory top mounted intercooler.

1. Unscrew the clamps on the black rubber hose from the intercooler and the intake manifold.





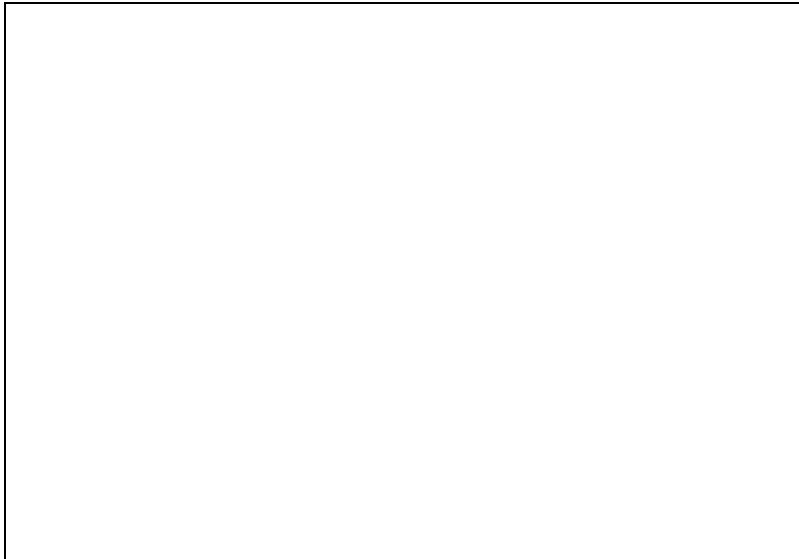
Block the factory BOV plumb back with the supplied black CAP. Fasten tightly



**BUMPER BAR REMOVAL:**  
Remove the grill mesh outer LHS & RHS by unclipping the fasteners



Remove the grill mesh Centre by unclipping the fittings.



Be careful to unlatch the hooks from the rear of the grill mesh to avoid damage.



Remove the lower bumper bar clips that attach the splash tray across the front of the lower bumper.



Unbolt the splash guard from the cross member in 5 points.



Remove the clips from the splash guard





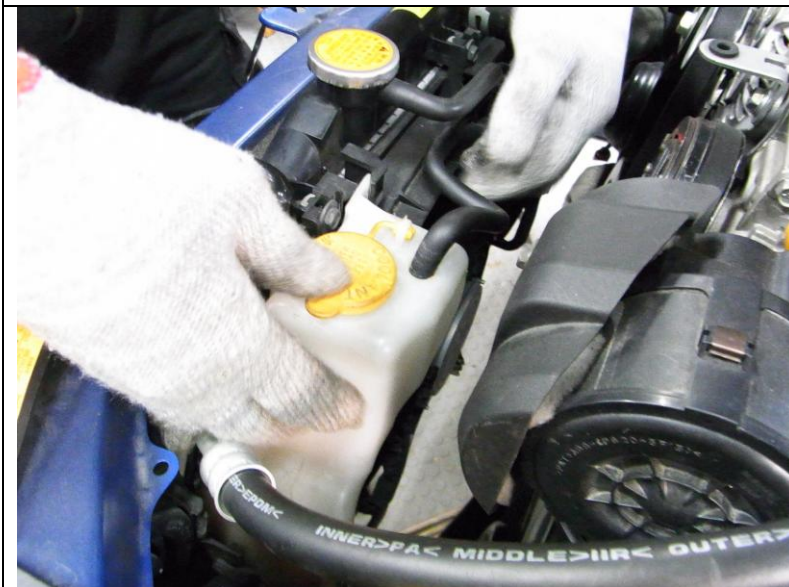
Disconnect the washer bottle electric wire harness (inside passenger side bumper bar)



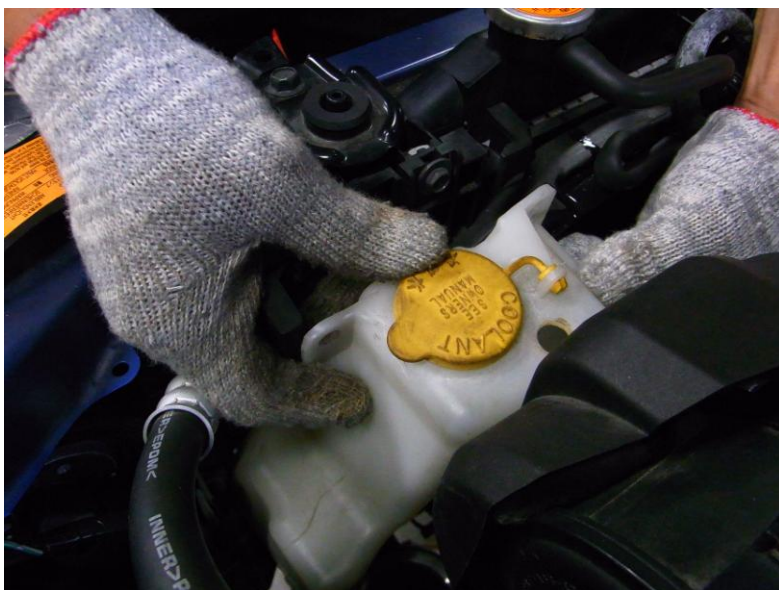
Remove the front reinforcement bar for trimming

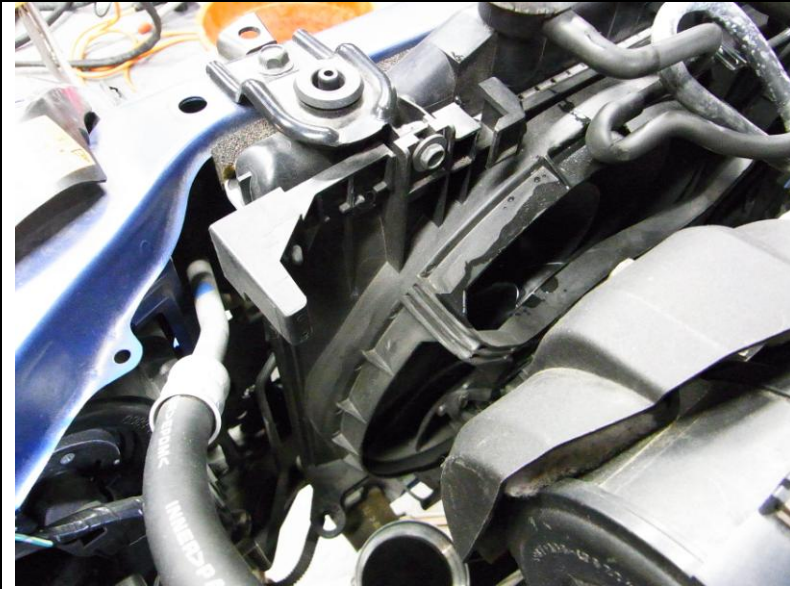


Gently bend the air con hose to make room for the intercooler pipe



Re route the radiator reservoir bottle according to the picture



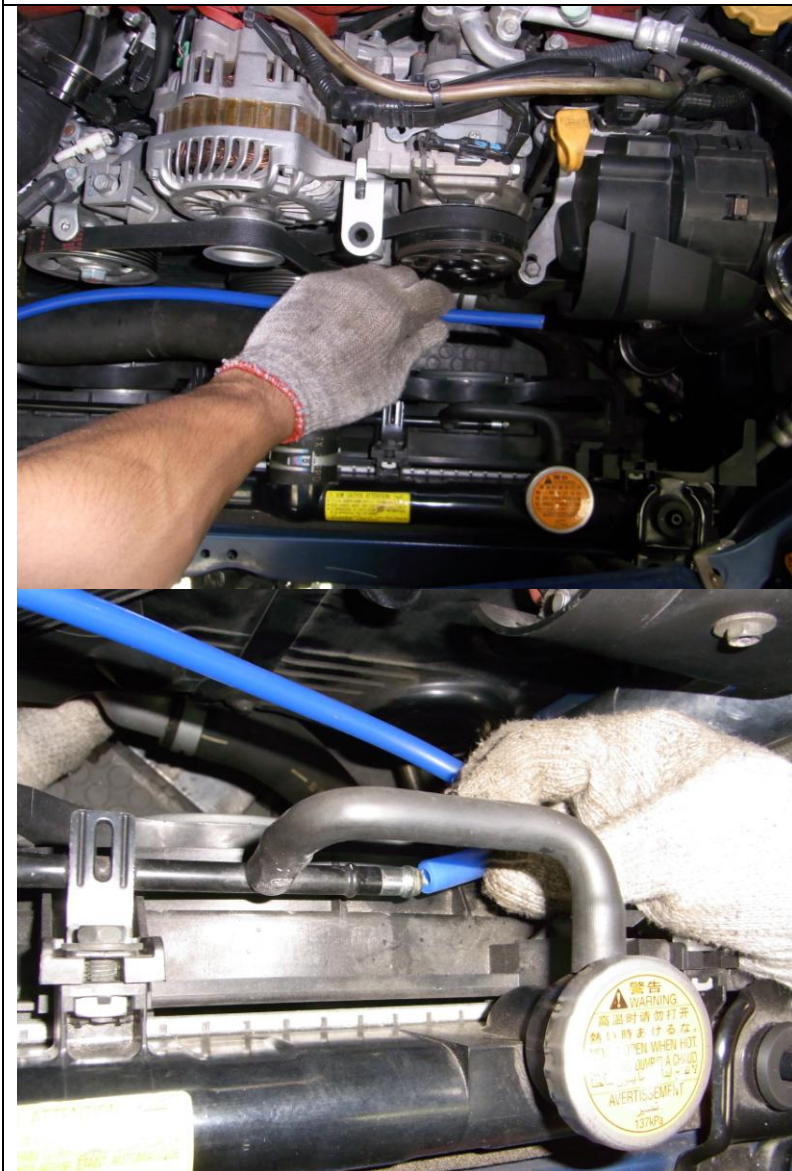
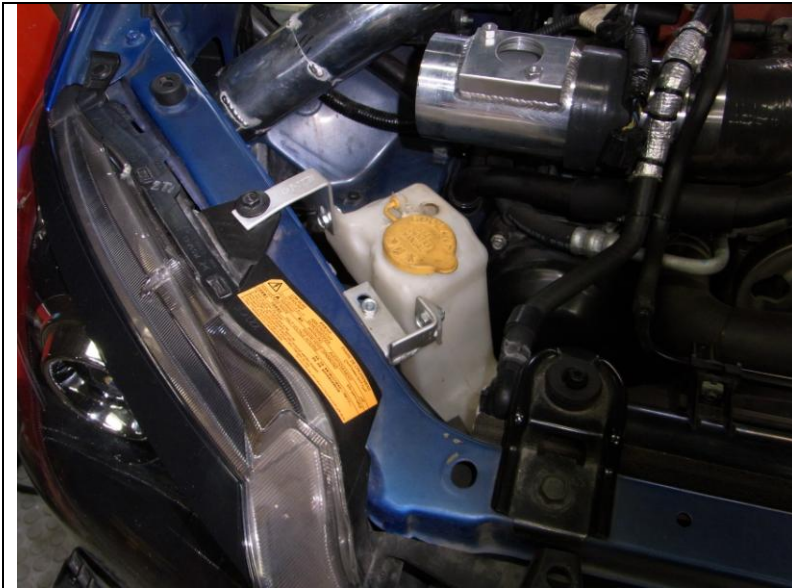


Install the supplied  
reservoir relocation bracket

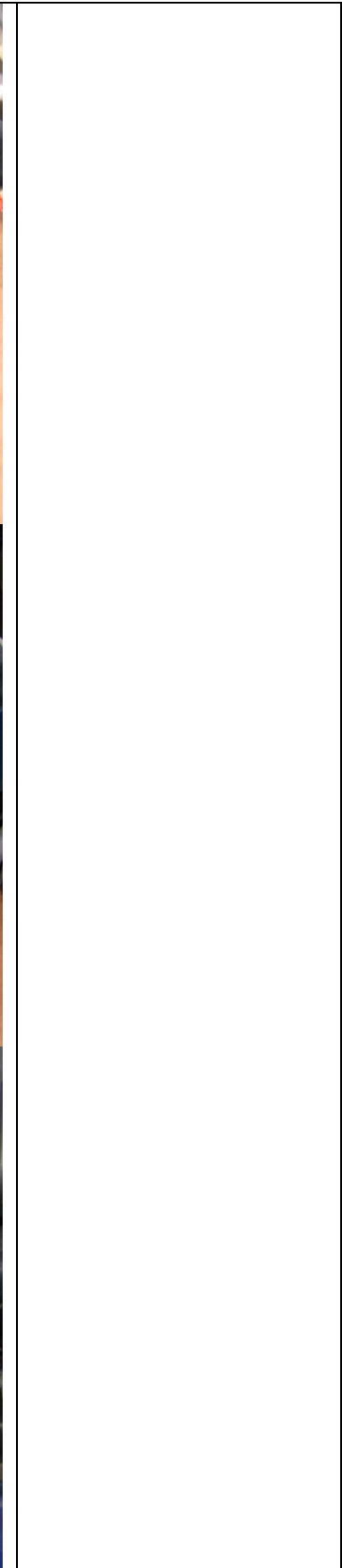
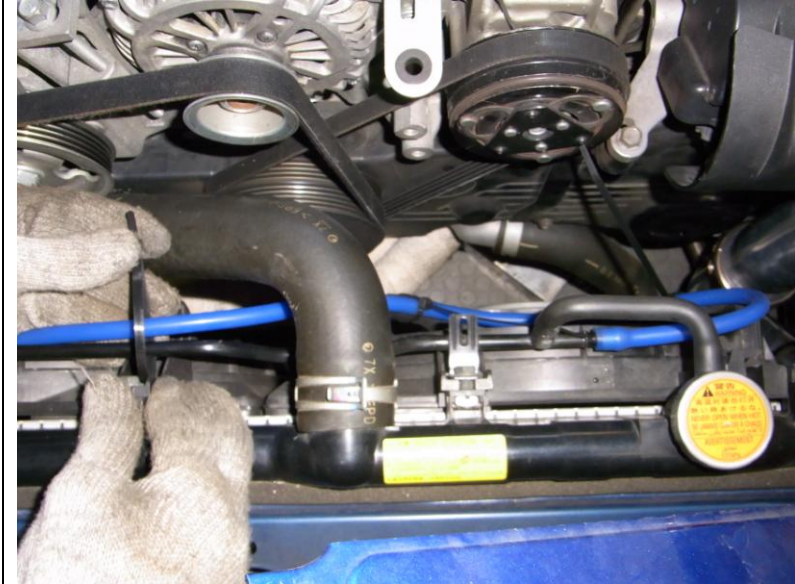


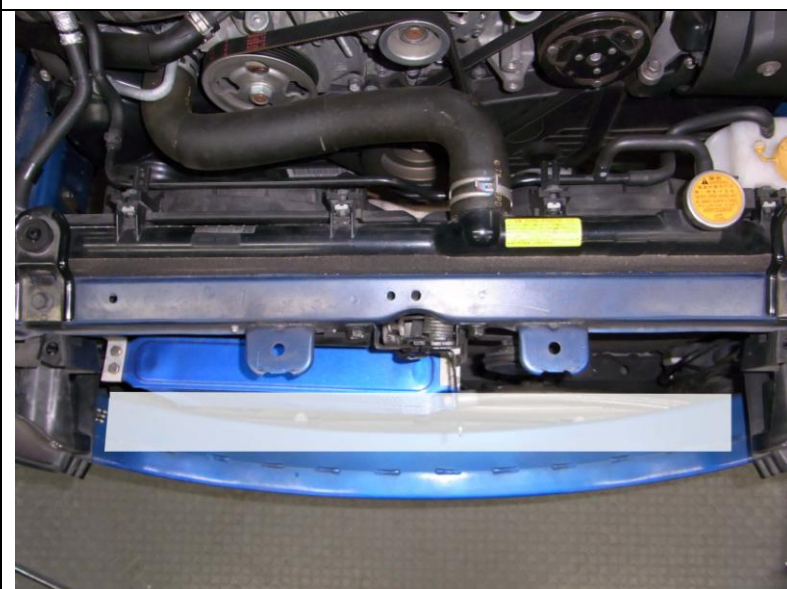


Install the reservoir bottle

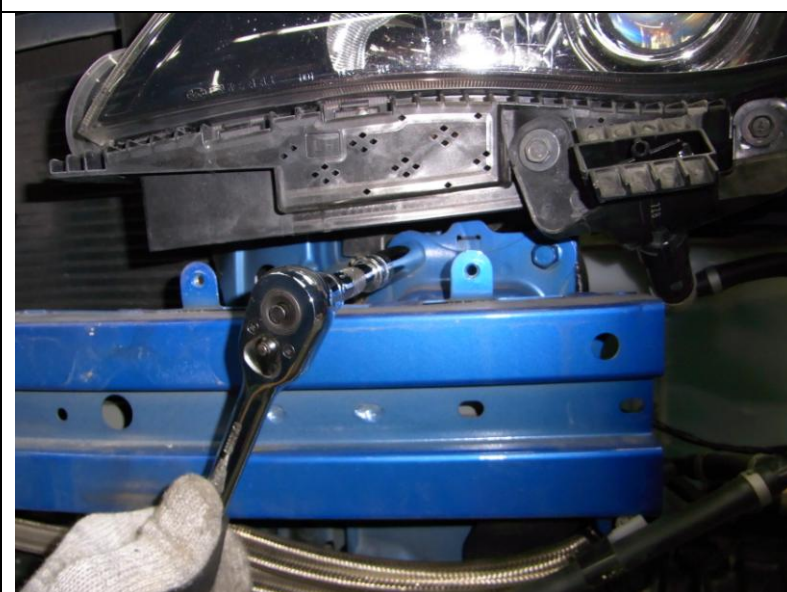


Reconnect the over flow hose





Mark the area for trimming to make room for the HDi GT2 intercooler



Unbolt the reinforcement bar and insert the intercooler to confirm the marking

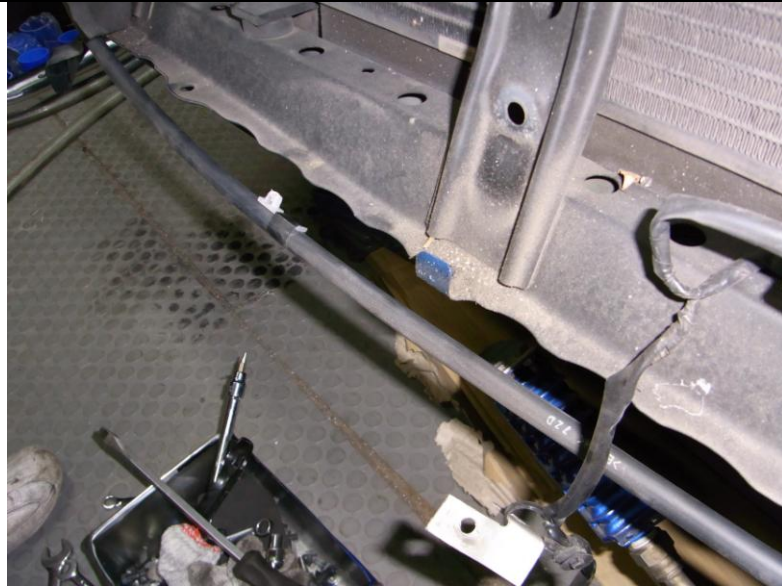




Another view for trimming area



This is to be bent to make room for the intercooler



Once it is marked trimming accordingly make sure wear safety gear



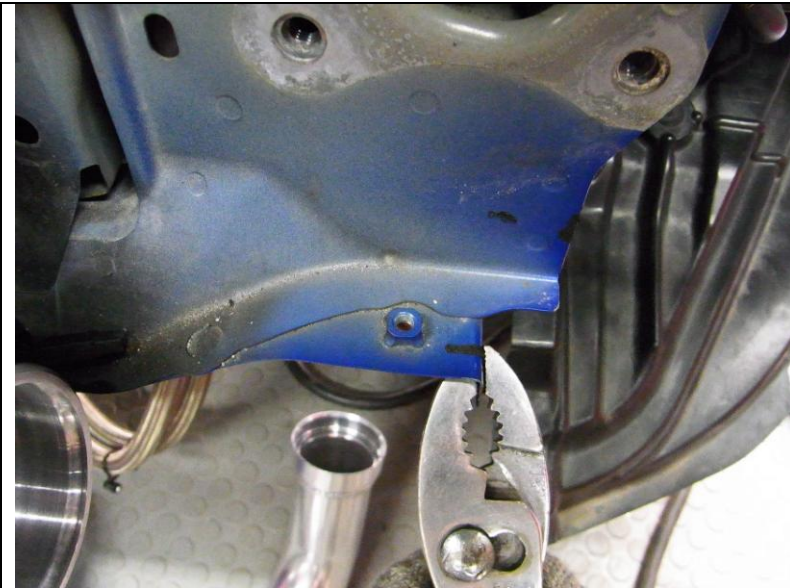
Once it is trimming off drill 2 holes 250 mm apart from the centre for top intercooler bracket.



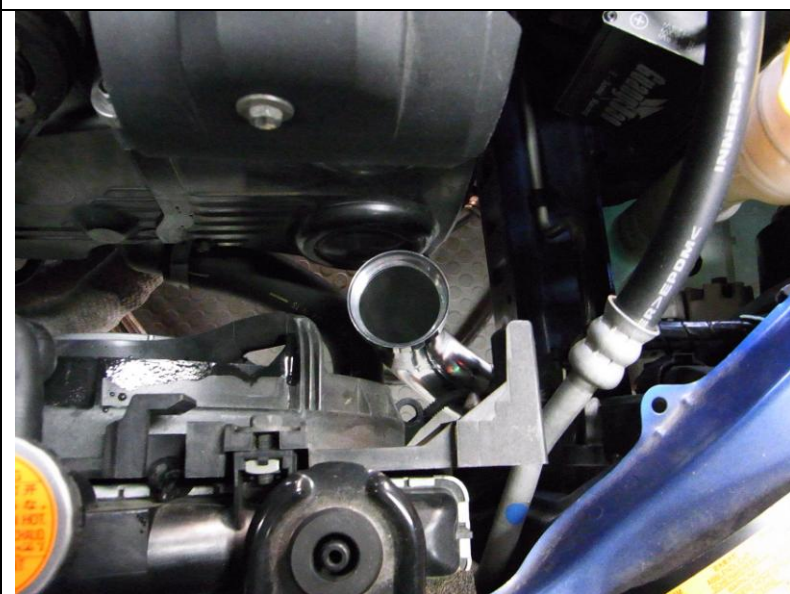
Mounting the HDi intercooler

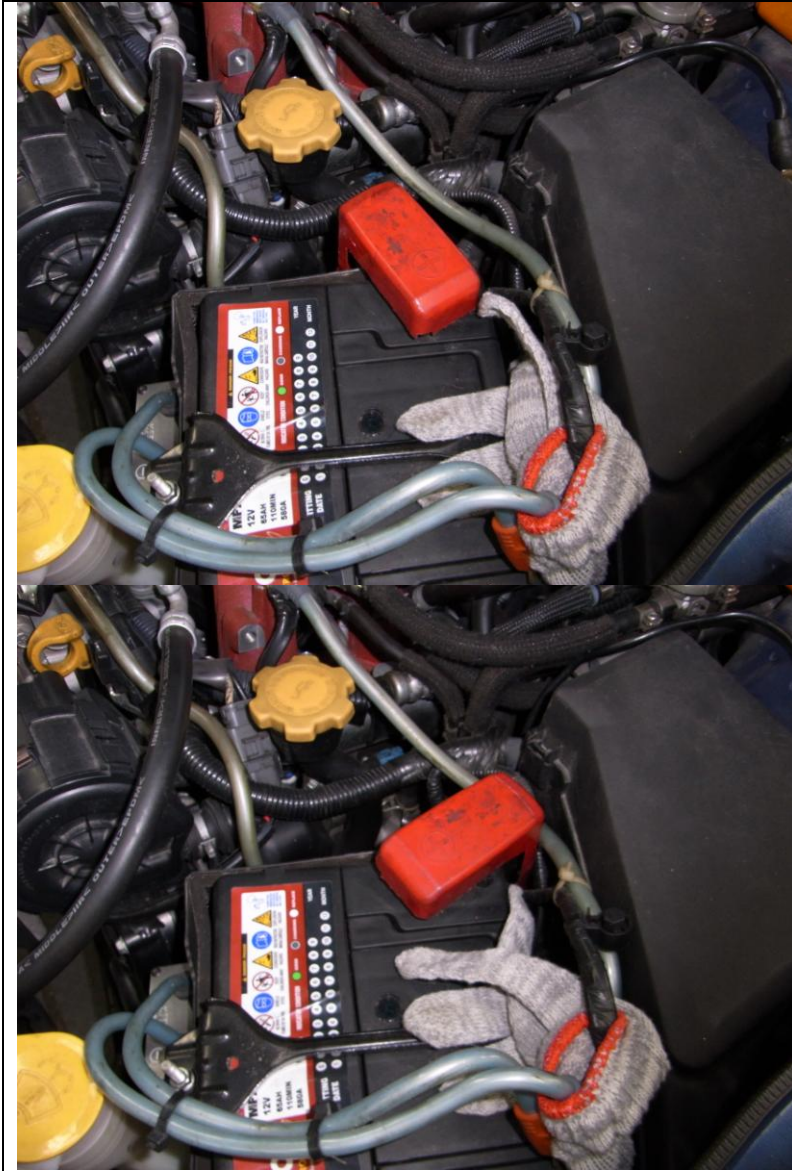


Install the lower intercooler bracket



Cut and Bend the bracket to make room for intercooler pipe





Loosen the terminal and the battery bracket , move further away from the engine to make room for the intercooler pipe



Insert O rings and HDi outer clamps



Make sure the battery terminal has sufficient clearance and does not touch the intercooler pipe





You may need to trim some front bar plastic for make room to accommodate the HDi intercooler



Trim off the splash tray if necessary



Install the intercooler pipe as shown

For more information of the installation please visit [www.grfwrx.com](http://www.grfwrx.com)



Please also send comments and information of your installation we will update and improve the design from time to time.