



WAGNER TUNING

Installation Instruction

Intercooler Kit

VW Golf MK7 GTI/R

Note! Attached to this installation guide for VW Golf 7 you will get additional installation notes for *Seat Leon*

5F / Audi TT 8S / Audi S3 8V.



Kit-Nr.: 200001048

WAGNERTUNING

Important Notes!

These Installation Instructions have to be read carefully before beginning installation work. The company Wagner Tuning bears no liability for damage caused by incorrect installation!

As manufacturer, we are obliged to point out that any changes you make to a vehicle licensed for use on public roads require approval by a test centre and registration in the vehicle documents.

Installation Time (1 unit = 5 minutes)

*The installation time is around 36 **units**, which may vary depending on vehicle condition and equipment level.*

Tools Required

- various spanners*
- various screwdrivers*
- drilling machine*
- 6,5mm drill*
- car body saw*

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parts list:

- 1 001001044 *intercooler*
- 1 001004045 *silicon hose*
- 1 001004046 *silicon hose*
- 2 32016080 *hose clamp*
- 2 32015070 *hose clamp*
- 2 1151616 *allen screw*
- 2 23016 *washer*



VW Golf 7 GTI / R

1. demounting

The dismantling of the intercooler is done according to the guidelines of the automotive manufacturer.

Step 1:

Components to remove:

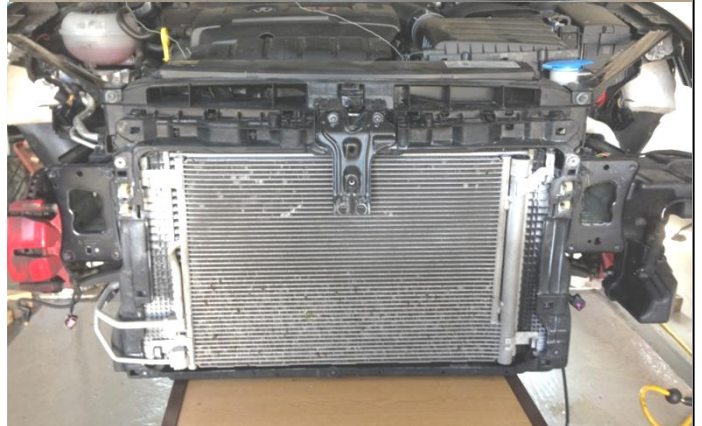
- front wheels
- underbody
- grill
- frontbumper
- headlight



Step 2:

remove crossmember:

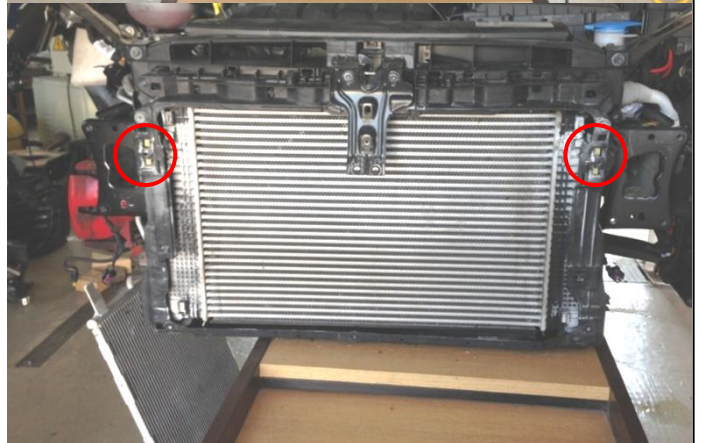
Before you remove the crossmember, the cooling package should be relined. (gearbox lifter or similar)



Step 3:

remove ac cooler:

Unclip the ac cooler from its mountings and pull it up and out. Flip the ac cooler to the side and fix it. (Cable ties or similar)



VW Golf 7 GTI / R

Step 4:

remove radiator support:

Clip out the cooling units from the radiator support (see picture above). Press the cooling units to the rear and pull upwards. Now the radiator support can be folded away to the side (see picture below).



Step 5:

remove intercooler:

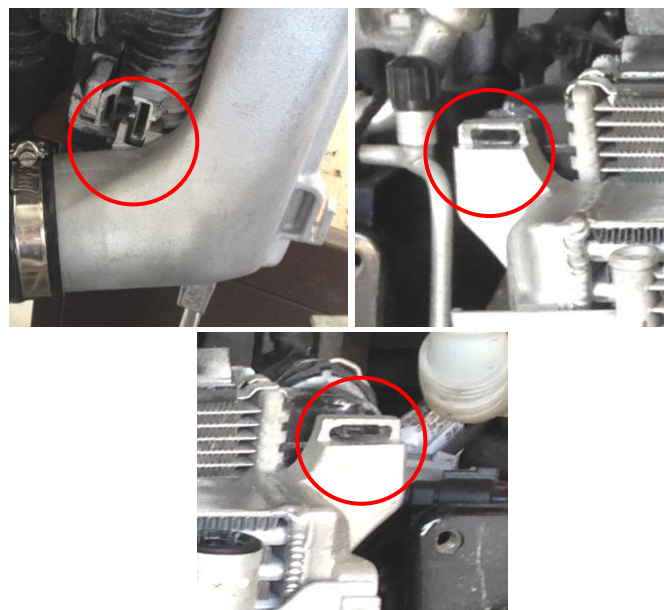
Loosen and remove the original silicone hoses. Unclip carefully the radiator from the upper mounting points. Now the original intercooler can be removed. (see picture)



3. Instalation

installation Wagner Tuning intercooler:

The Wagner Tuning intercooler have to be installed just like the original intercooler.
For this, insert the water cooler in the lower guides and clip it to the upper brackets. (see pictures)

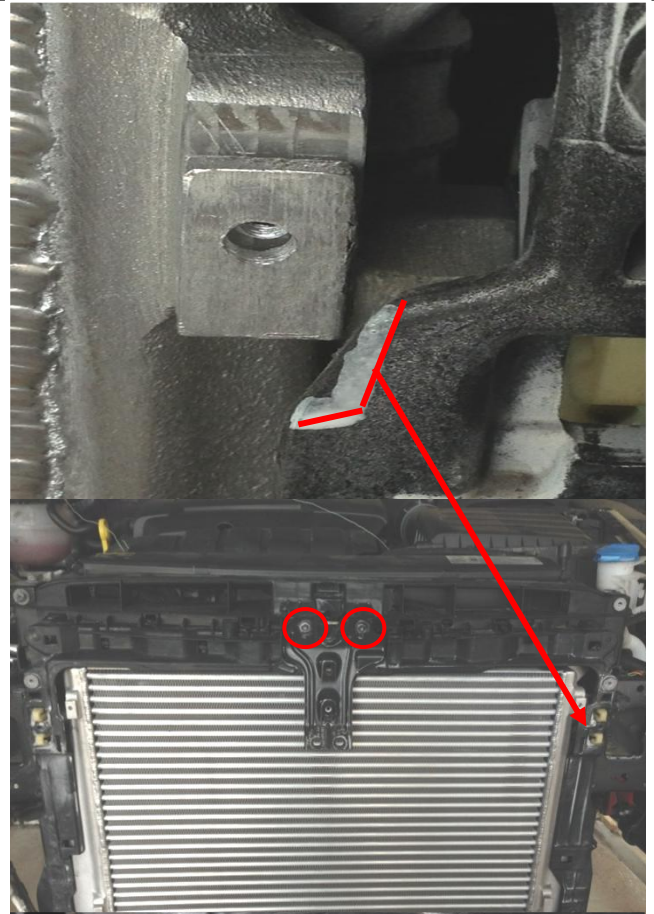


VW Golf 7 GTI / R

Step 6:

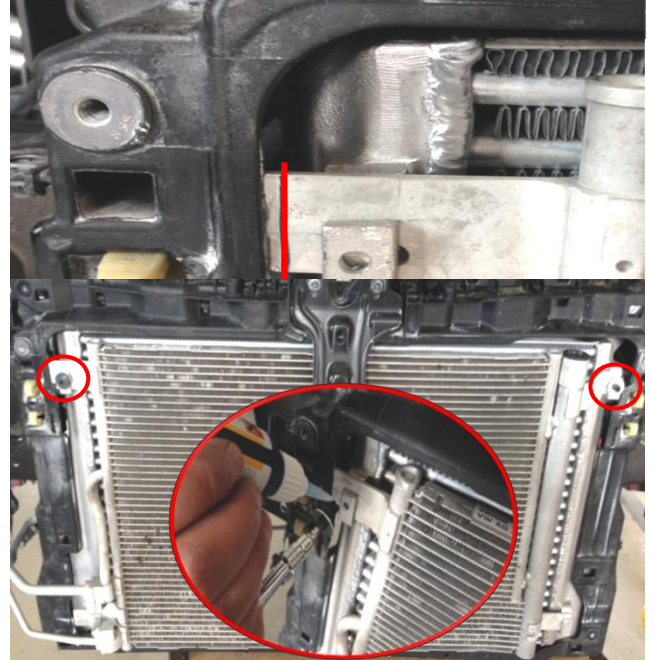
put in the cooling unit:

Before you put in the cooling unit into the radiator support, you have to cut a small corner near the upper bracket of the ac cooler (see picture). Thereafter, the cooling unit can be placed into the radiator support.



mounting ac cooler:

To mount the ac cooler, please remove the screws marked in the picture above. The upper bracket (passenger side) from the ac cooler have to be cut 5mm. (see picture) Place the ac cooler and mark the holes at the upper brackets. Remove air cooler again and drill the holes ($\phi 6,5\text{mm}$). Then attach the ac cooler with the included mounting material. We recommend at this point to take screw locking (Loctite or similar).

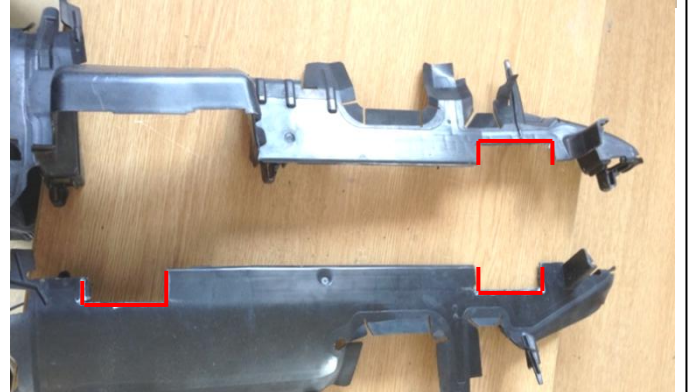


VW Golf 7 GTI / R

Step 7:

assembly:

Now the whole cooling unit, together with the cross member, can be mounted on the vehicle. The plastic air baffle must be modified a little bit before installing (see picture).



Step 8:

- install the supplied silicon hoses. Ensure firm fit of clamps.
- remount the headlights.
- check everything for tight fit.
- remount the front bumper.
- remount the underbody.

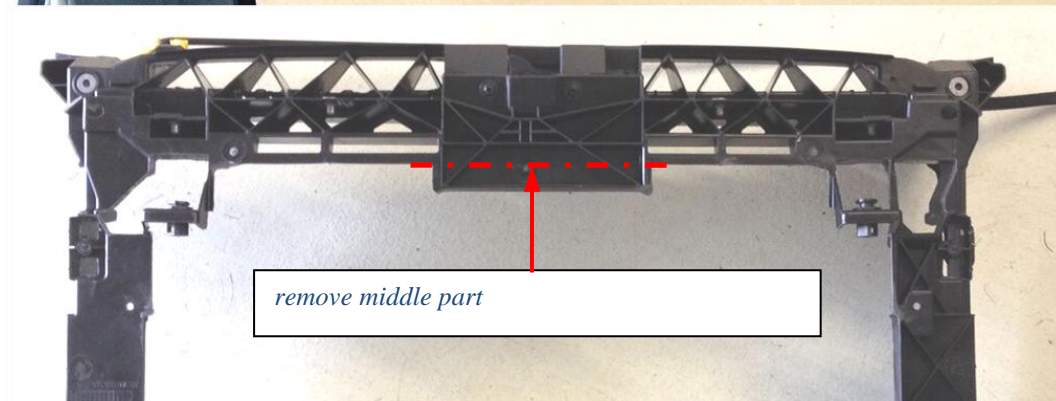


Seat Leon 5F

Additional informations for the installation of the intercooler - kit for Seat Leon 5F Cupra

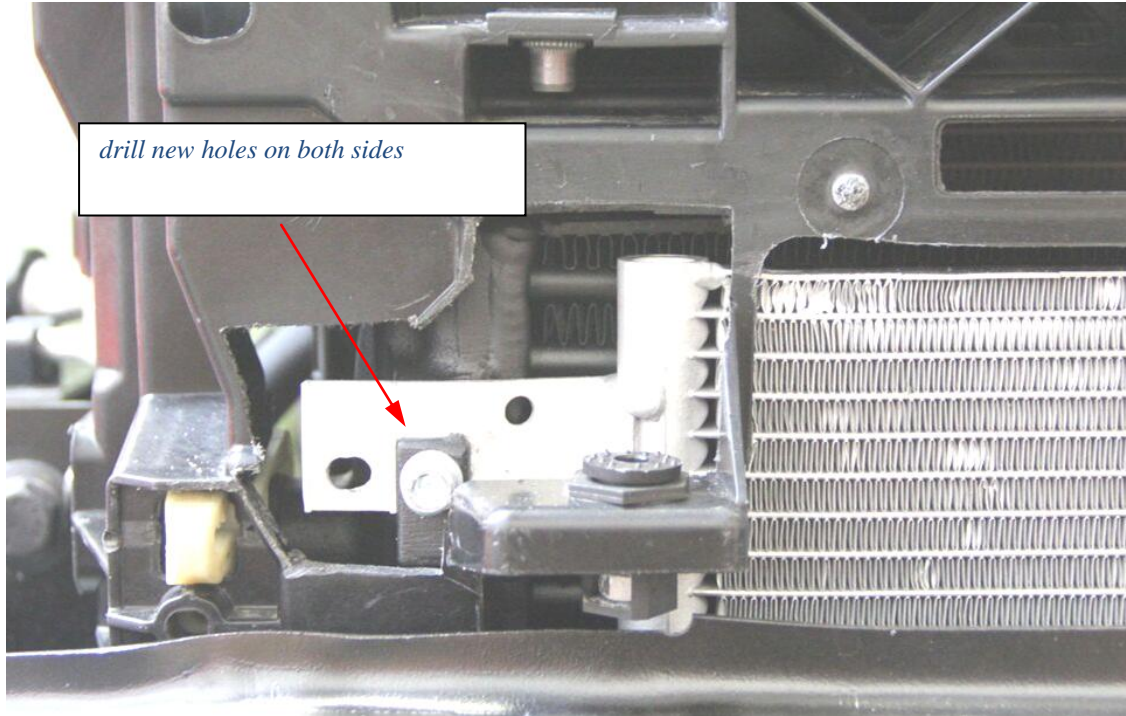
Adapt the radiator support

Cut along the marked lines to get enough room for the WT intercooler (on both sides).

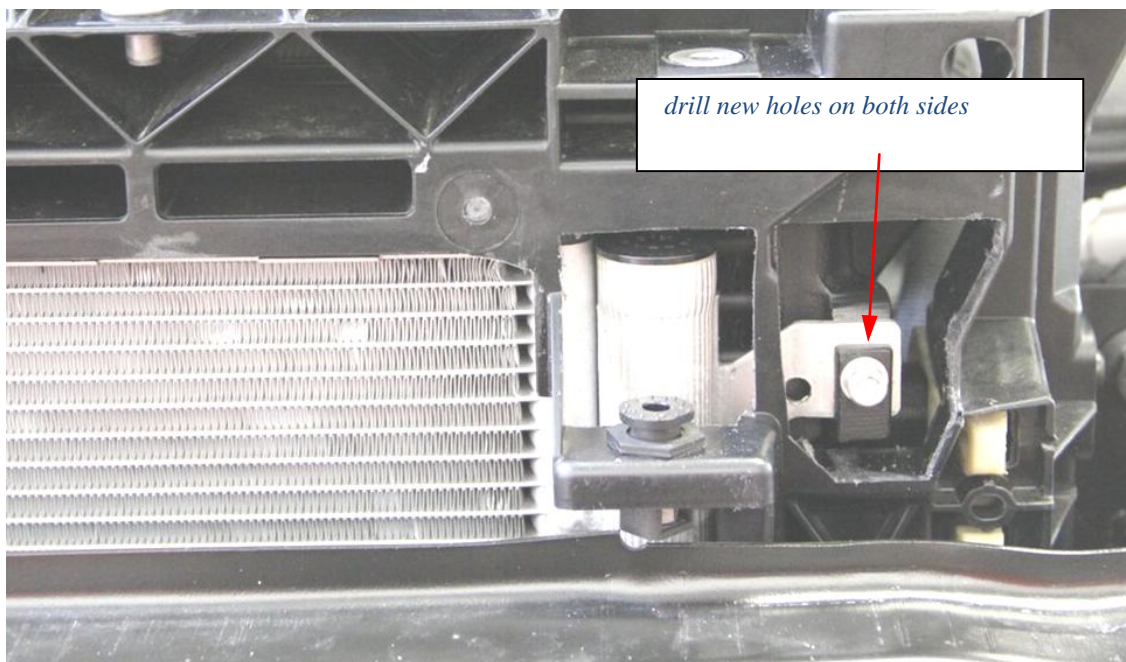


Seat Leon 5F

when installed (passenger side)



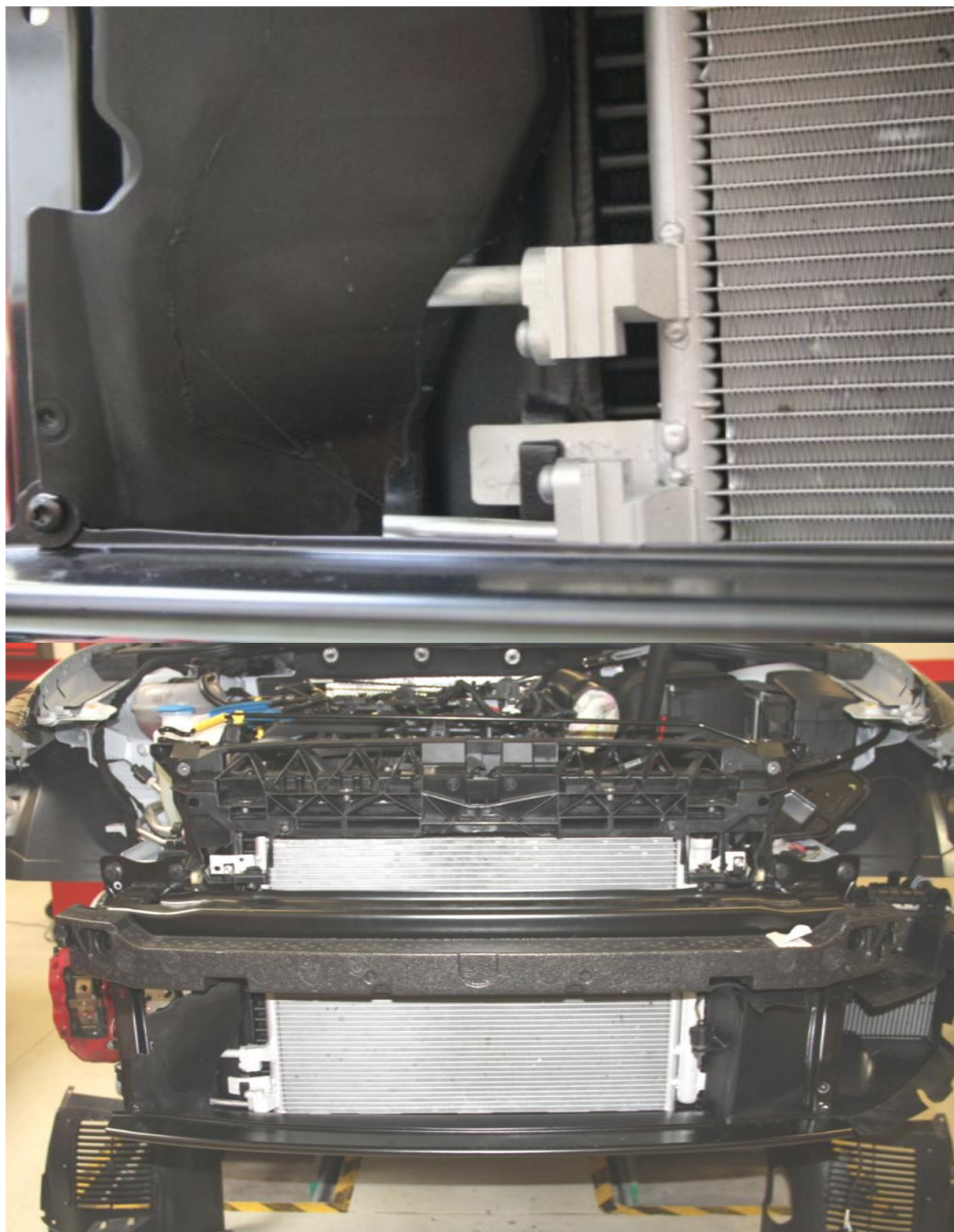
when installed (driver`s side)



Seat Leon 5F

Adapt the AC cooler

For the pipelines of the AC cooler, the passage through the air ducting must be expanded.



Audi TT 8S

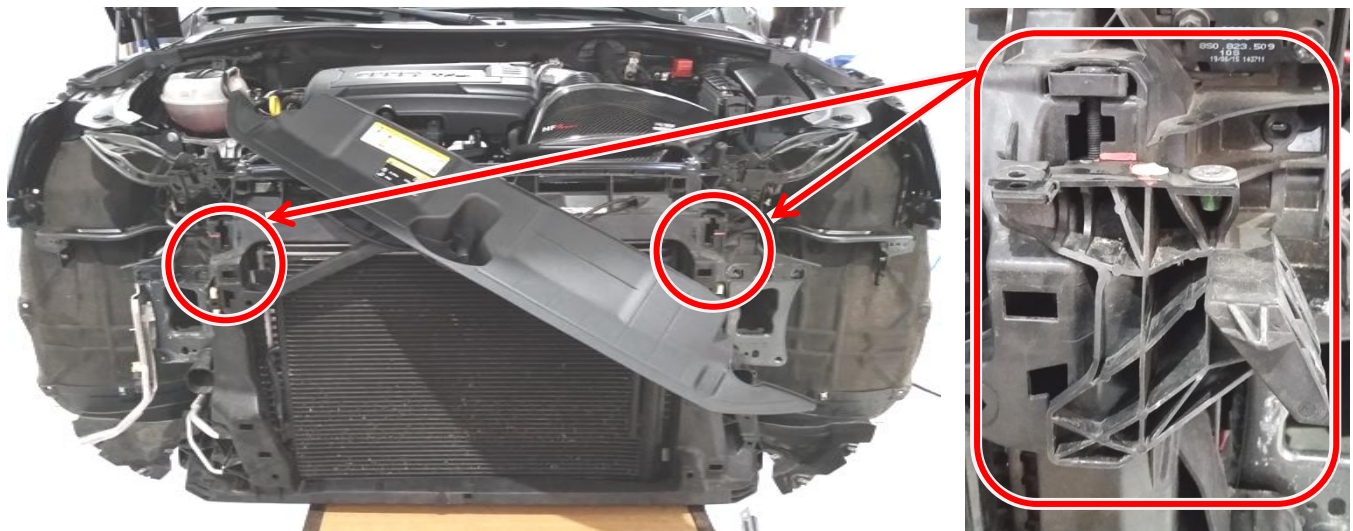
Additional informations for the installation of the intercooler - kit for Audi TT 2.0 TFSI/ TTS 8S

To make the installation and necessary adjustments more easier, it is recommended to dismount the AC-cooler. This requires special AC service equipment. The installation also can be done without dismounting the AC-cooler, but you will need much more time for installation and necessary adjustments. The following documentation describes the procedure without removing the climate cooler.

1. Removing stock intercooler

Remove all necessary parts, as shown in the picture:

- Underbody, front bumper, crossmember and headlights. Also remove the side air ducts as well as the holder shown in the picture - ATTENTION: always mark the position before removal!*



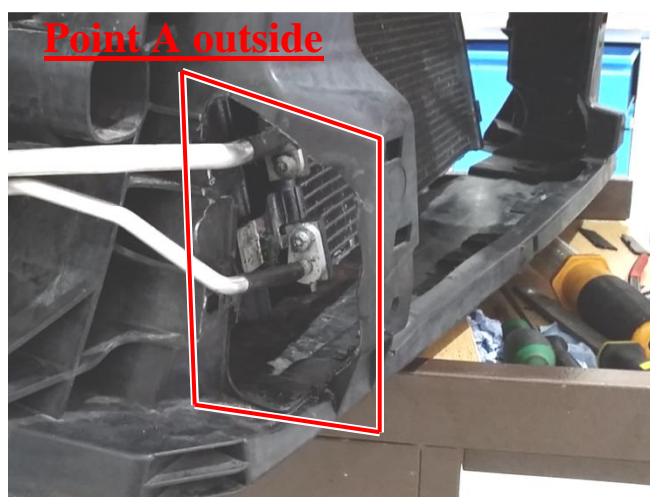
Then detach the radiator package from the lock carrier and pull the AC-cooler out of its holding device. Then remove the stock intercooler and charge air hoses.

Audi TT 8S

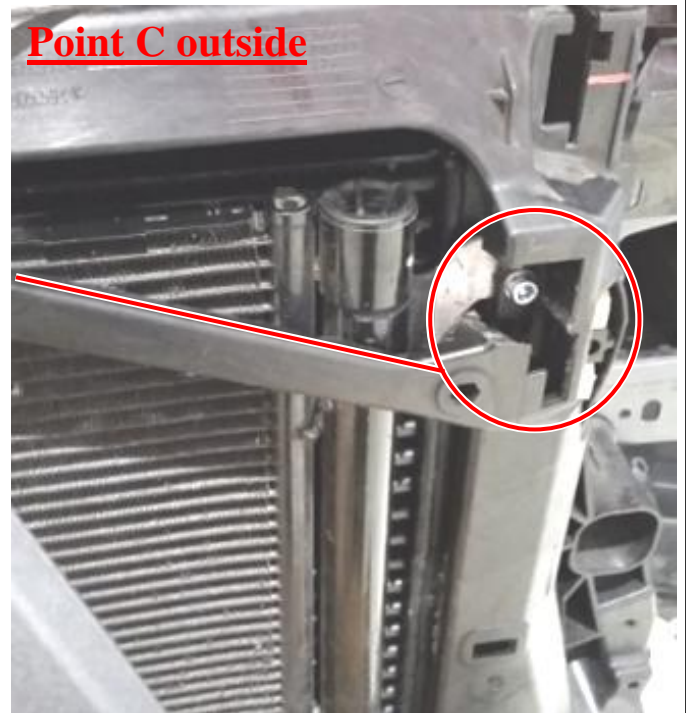
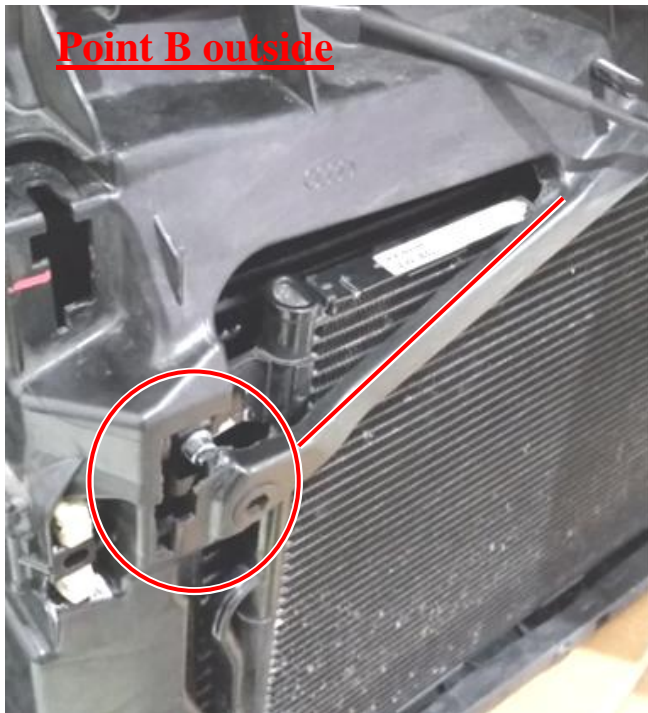
2. Adjustments to the lock carrier



Remove around 10-15mm material along the lines marked in red. Please note, also to remove the behind seated reinforcing struts! Therefore you can use a car body saw, multifunction rotary tool or something like this. At the marked points A, B and C inside the lock carrier, remove the stiffening struts according to the following pictures.

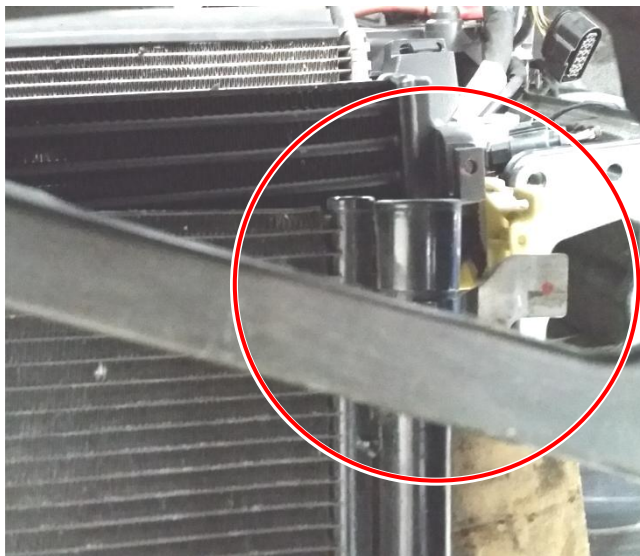


Audi TT 8S



2. Installation WagnerTuning intercooler

Place the WagnerTuning intercooler and insert the AC-cooler. Then mark to the upper brackets the mounting holes and remove the AC-cooler. Drill new holes ($\varnothing 7\text{mm}$) on both sides!



Audi TT 8S

Now you can install the intercooler. 1st place back the radiator and then the AC-cooler. Use therefore the supplied M6 screws. Now place back the cooler package and make sure that nothing of the lock carrier is hitting the cooler. If so, you have to rework.



*Now install the silicone hoses and all parts, which was dismantled before.
- crossmember, headlights, frontbumper and underbody*



Audi A3 / S3 8V

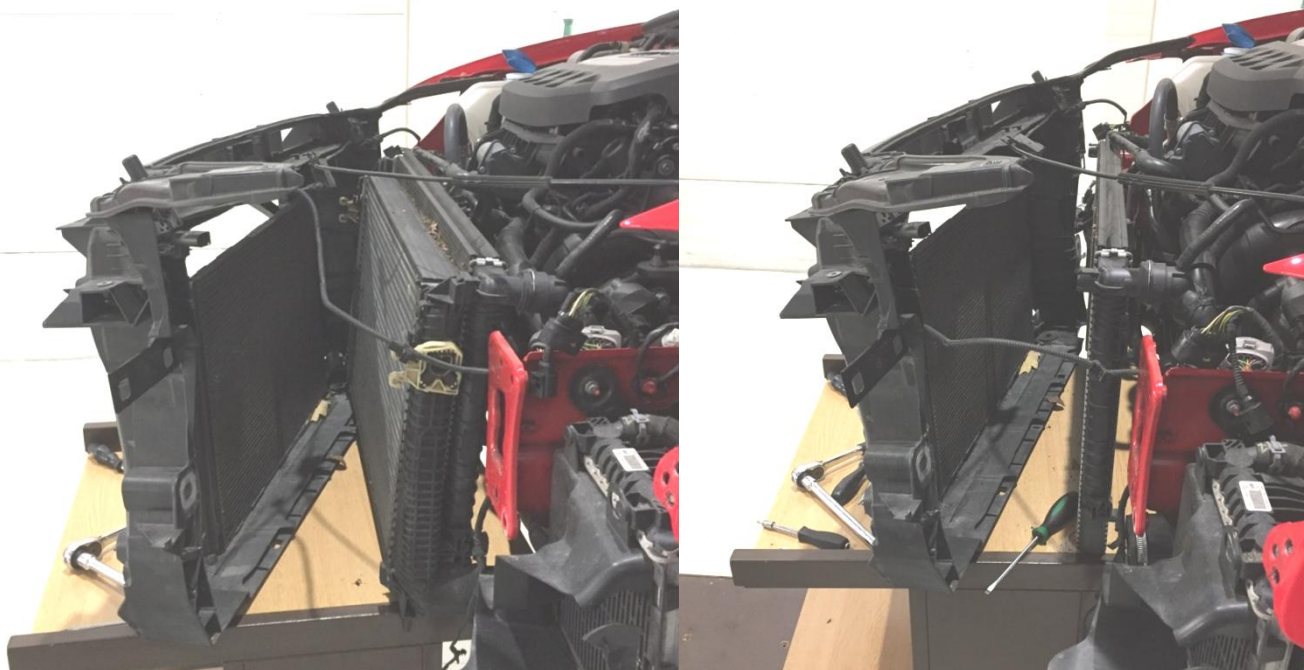
Additional informations for the installation of the intercooler - kit for Audi S8 8V

To make the installation and necessary adjustments more easier, it is recommended to dismount the AC-cooler. This requires special AC service equipment. The installation also can be done without dismounting the AC-cooler, but you will need much more time for installation and necessary adjustments. The following documentation describes the procedure without removing the climate cooler.

1. Removing stock intercooler

Remove all necessary parts, as shown in the picture:

- *Underbody, front bumper, crossmember and headlights. Also remove the fan behind the cooler package, you will get more space. Then remove the stock intercooler and charge air hoses.*

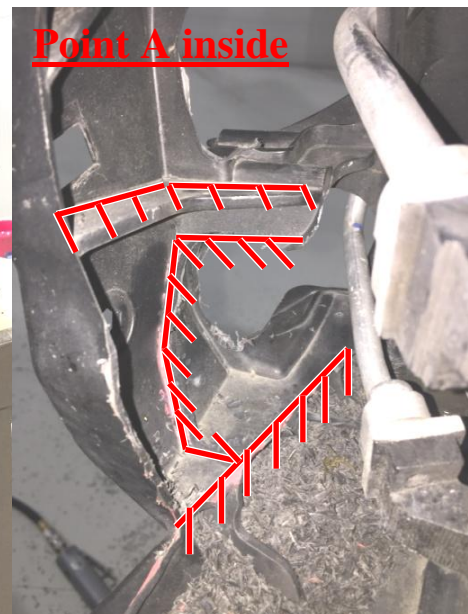
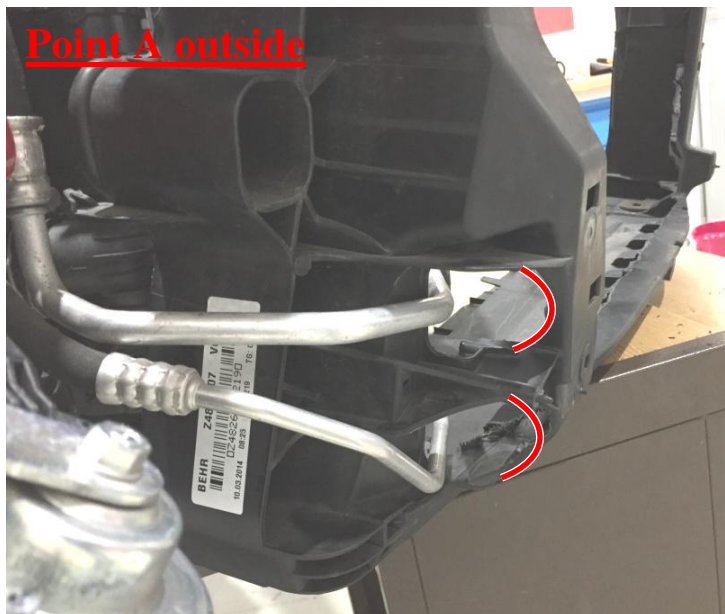


Audi A3 / S3 8V

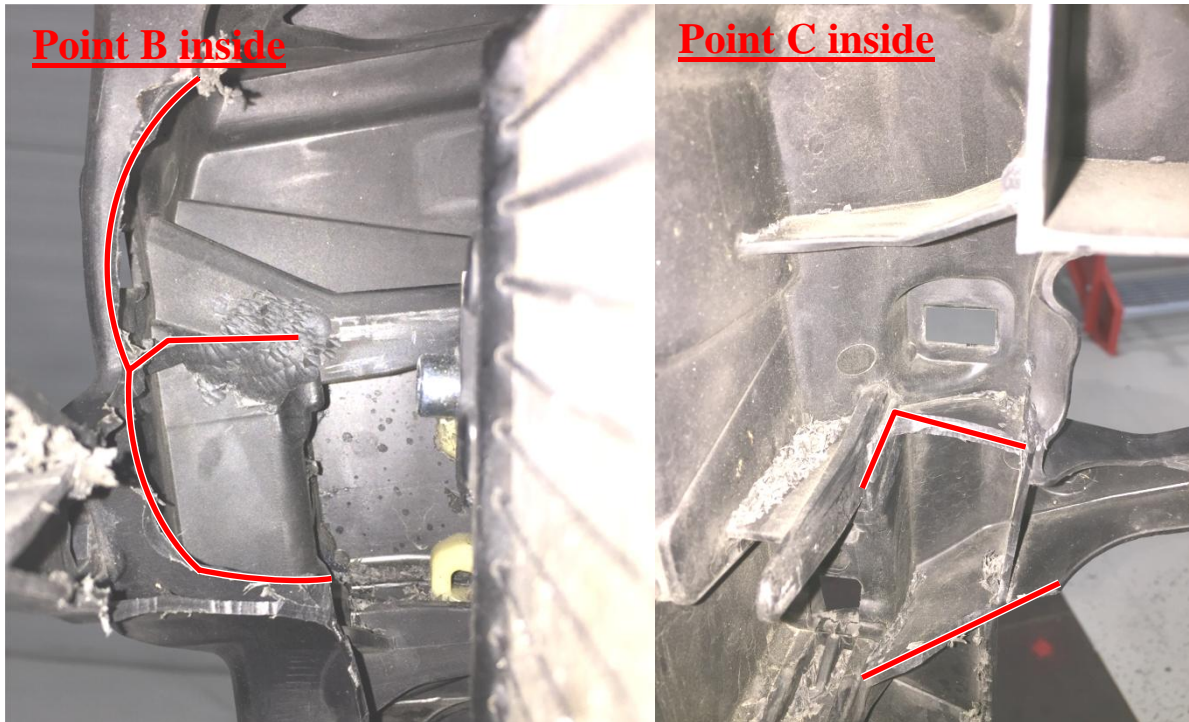
2. Adjustments to the lock carrier



Remove around 10-15mm material along the lines marked in red. Please note, also to remove the behind seated reinforcing struts! Therefore you can use a car body saw, multifunction rotary tool or something like this. At the marked points A, B and C inside the lock carrier, remove the stiffening struts according to the following pictures.

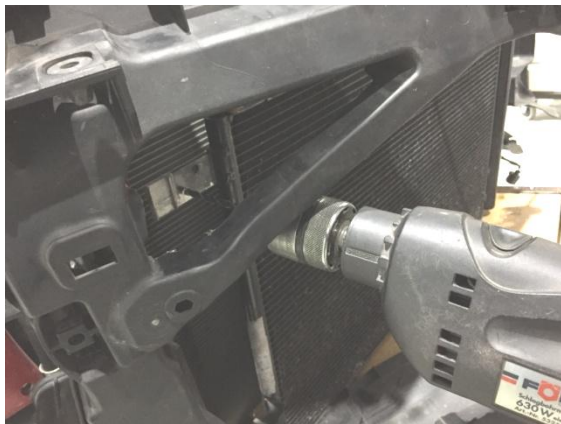


Audi A3 / S3 8V



2. Installation WagnerTuning intercooler

Place the WagnerTuning intercooler and insert the AC-cooler. Then mark to the upper brackets the mounting holes and remove the AC-cooler. Drill new holes ($\varnothing 7\text{mm}$) on both sides!



Now you can install the intercooler. 1st place back the radiator and then the AC-cooler. Use therefore the supplied M6 screws. Now place back the cooler package and make sure that nothing of the lock carrier is hitting the cooler. If so, you have to rework.

Audi A3 / S3 8V



*Now install the silicone hoses and all parts, which was dismounted before.
- Fan, headlights, crossmember, frontbumper and underbody*



An additional step needs to be done to secure the different versions of stock water radiator to the intercooler!

Please follow the illustrated instruction:

