

190001108



# WAGNER TUNING

Installation Instruction

**Intercooler**

**Kia Stinger**



**Kit-Nr.: 200001142**

## WAGNERTUNING Ladeluftkühler

### ***Important Notes!***

*These Installation Instruction have to be read careful before beginning installation work. The company WAGNERTUNING 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 **30 units**, which may vary depending on vehicle condition and equipment level.*

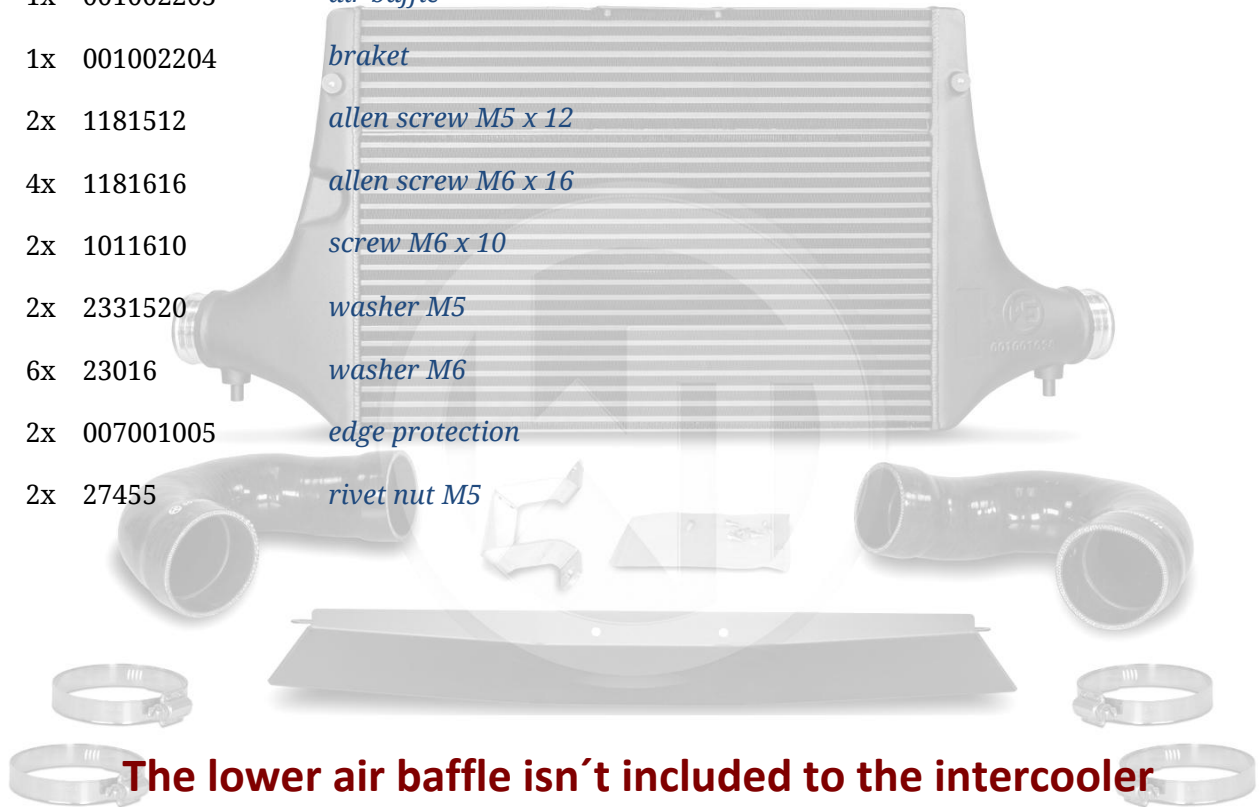
### ***Tools Required***

- various spanners*
- various screwdrivers*
- riveting tool (for M5 rivet nut)*

## WAGNERTUNING Ladeluftkühler

### Part list intercooler

1x	001001098	intercooler
2x	001004144/45	silicone hose
4x	32016080/80100	hose clamps
1x	001002205	air baffle
1x	001002204	braket
2x	1181512	allen screw M5 x 12
4x	1181616	allen screw M6 x 16
2x	1011610	screw M6 x 10
2x	2331520	washer M5
6x	23016	washer M6
2x	007001005	edge protection
2x	27455	rivet nut M5



**The lower air baffle isn't included to the intercooler kit, because it will not fit to US car models.**

## WAGNERTUNING Ladeluftkühler

### Demontage / demounting

*The deinstallation of the intercooler is done according to the guidelines of the automobile manufacturer.*

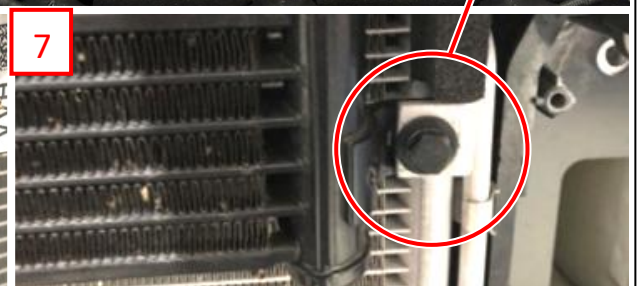
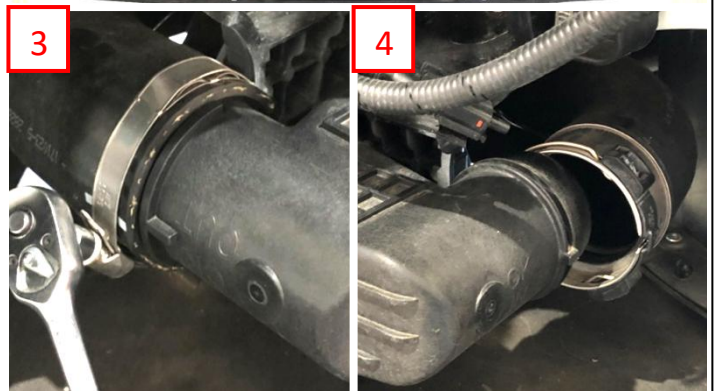
*Loosen the mounting screws and clips of the front bumper on the radiator support, fenders, underbody and the wheel housings. Remove the front bumper and the lower engine cover (1).*

*Demount the front impact beam and the upper brackets of the intercooler (2).*

*Open the hose connections (3 & 4) and remove the intercooler.*

*Remove the air baffle of the front area (5).*

*Loosen the screws of the oil radiator. Install its metal nuts on the brackets of the oil radiator (6). Fix the oil radiator **BEHIND** the brackets of the air conditioning radiator (7).*



## WAGNERTUNING Ladeluftkühler

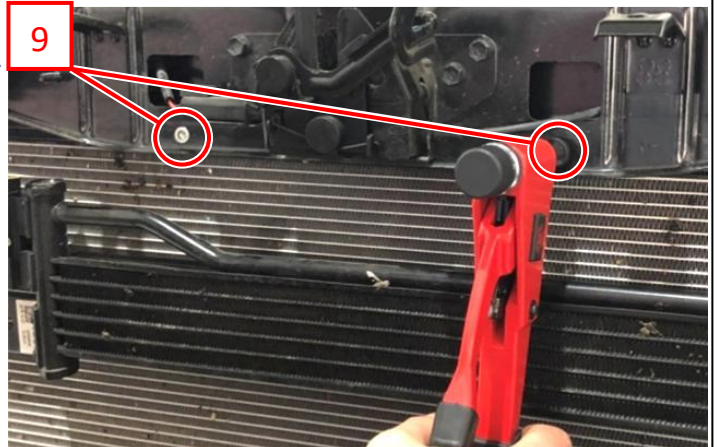
*Demount the original silicone hoses (8).*

### **installation**

*Insert the supplied M5 rivet nuts in the marked holes (9).*

*Place the WT intercooler on the OEM lower retaining rubbers. Fix the WT intercooler to the inserted rivet nuts by using the WT bracket and the supplied M5 & M6 allen screws and washers (10).*

*Attach the supplied edge protection to the WT air baffle (on intercooler side). Mount the WT air baffle by using the supplied M6 screws and washers to the WT intercooler (allen screws on the top of the intercooler core).*



## WAGNERTUNING Ladeluftkühler

*Fix the wire harness to the WT air baffle (11).*

*Mount the WT silicone hoses (001004144 left vehicle side, 001004145 right vehicle side) by using the supplied hose clamps (12 & 13).*

*Make sure the WT components do not have improper contact with surrounding components.*

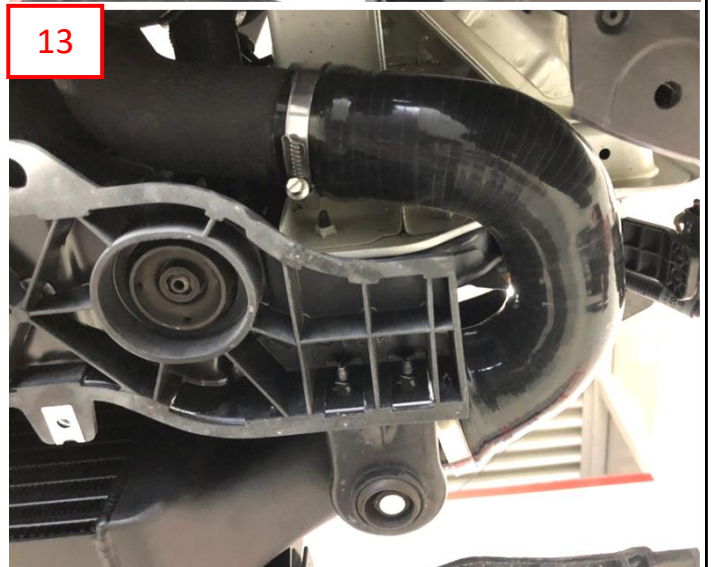
*Attach the front bumper and the lower engine cover.*

*Check if everything is correctly and firmly attached.*

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## WAGNERTUNING Ladeluftkühler

### ***Important Notes!***

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*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*
- riveting tool (for M5 rivet nut)*



**WAGNERTUNING** Ladeluftkühler

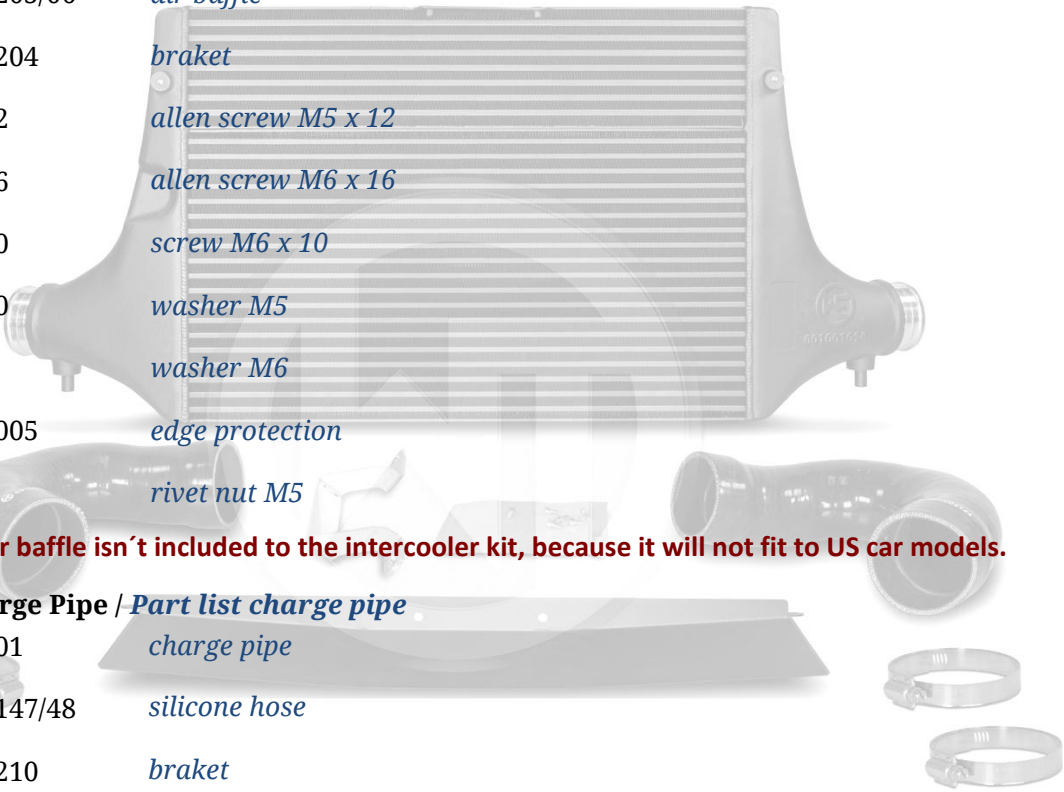
**Stückliste Ladeluftkühler / Part list intercooler**

- 1x 001001098 *intercooler*
- 1x 001004144 *silicone hose*
- 2x 32016080/80100 *hose clamps*
- 2x 001002205/06 *air baffle*
- 1x 001002204 *braket*
- 2x 1181512 *allen screw M5 x 12*
- 4x 1181616 *allen screw M6 x 16*
- 2x 1011610 *screw M6 x 10*
- 2x 2331520 *washer M5*
- 6x 23016 *washer M6*
- 4x 007001005 *edge protection*
- 2x 27455 *rivet nut M5*

**The lower air baffle isn't included to the intercooler kit, because it will not fit to US car models.**

**Stückliste Charge Pipe / Part list charge pipe**

- 1x 00110001 *charge pipe*
- 2x 001004147/48 *silicone hose*
- 1x 001002210 *braket*
- 1x 1011610 *screw M6 x 10*
- 1x 23016 *M6 washer*
- 4x 320180100 *hose clamps*



## WAGNERTUNING Ladeluftkühler

### demounting intercooler

The deinstallation of the intercooler is done according to the guidelines of the automobile manufacturer.

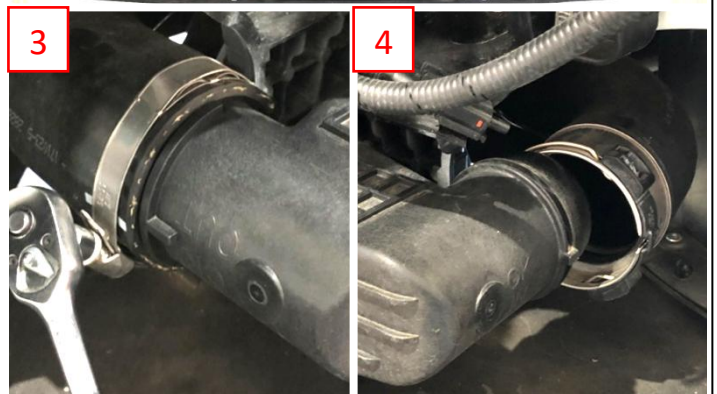
Loosen the mounting screws and clips of the front bumper on the radiator support, fenders, underbody and the wheel housings. Remove the front bumper and the lower engine cover (1).

Demount the front impact beam and the upper brackets of the intercooler (2).

Open the hose connections (3 & 4) and remove the intercooler.

Remove the air baffle of the front area (5).

Loosen the screws of the oil radiator. Install its metal nuts on the brackets of the oil radiator (6). Fix the oil radiator **BEHIND** the brackets of the air conditioning radiator (7).



## WAGNERTUNING Ladeluftkühler

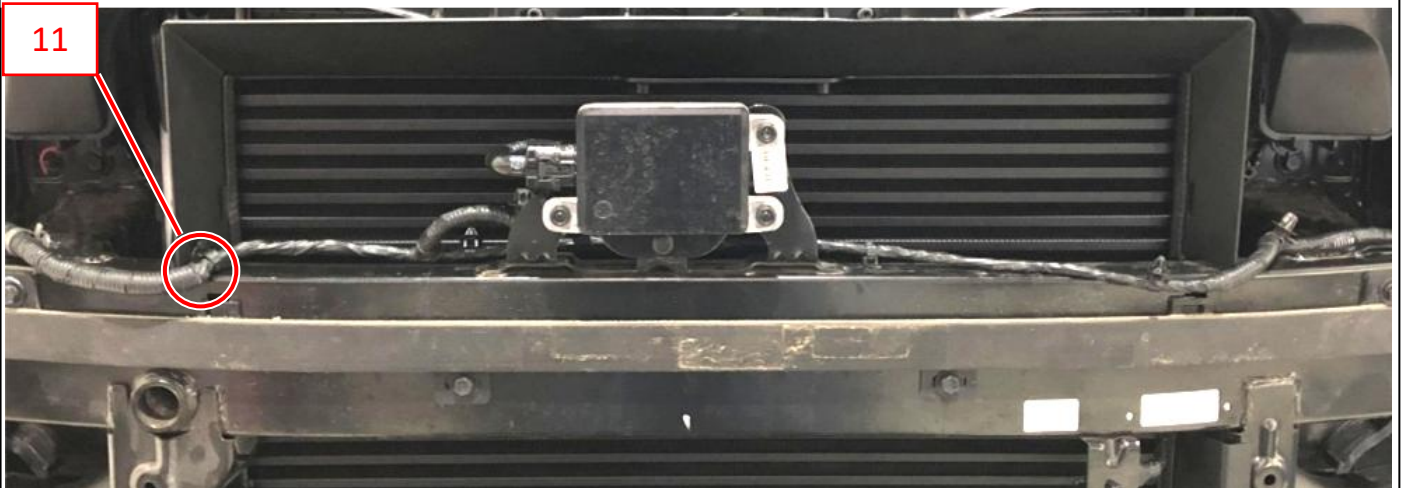
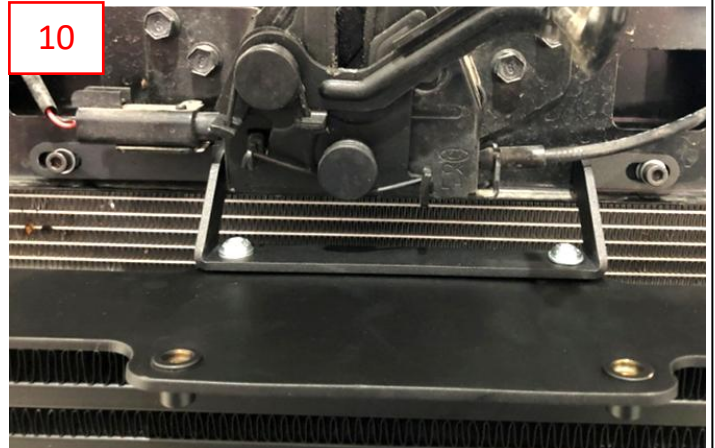
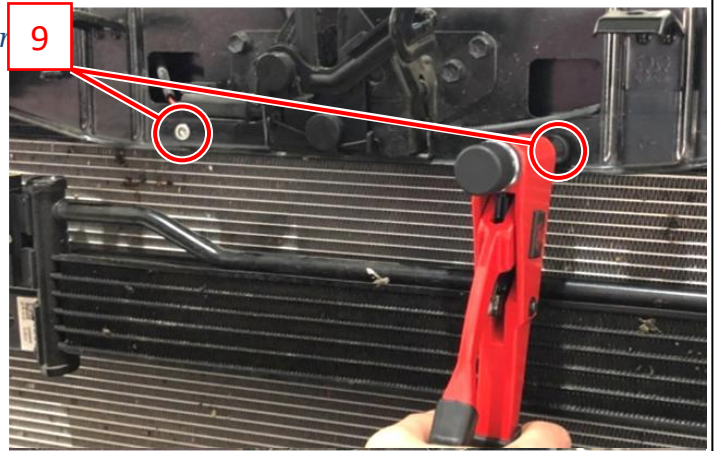
*Demount the original silicone hoses (8).*

### *installation intercooler*

*Insert the supplied M5 rivet nuts in the marked holes (9).*

*Place the WT intercooler on the OEM lower retaining rubbers. Fix the WT intercooler to the inserted rivet nuts by using the WT bracket and the supplied M5 & M6 allen screws and washers (10).*

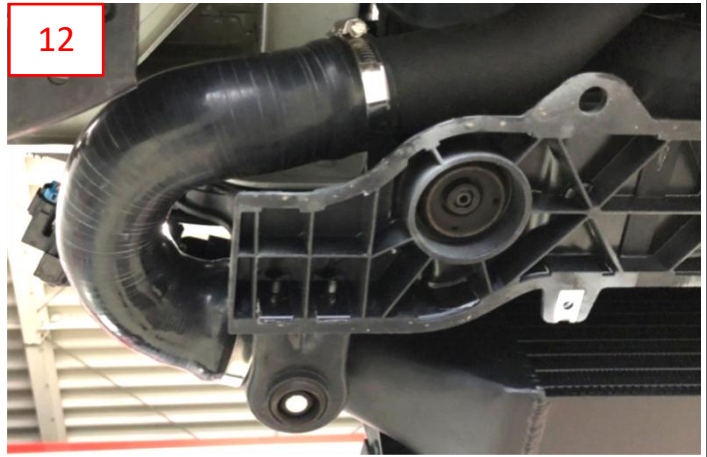
*Attach the supplied edge protection to the WT air baffle (on intercooler side). Mount the WT air baffle by using the supplied M6 screws and washers to the WT intercooler (allen screws on the top of the intercooler core).*



## WAGNERTUNING Ladeluftkühler

Fix the wire harness to the WT air baffle (11).

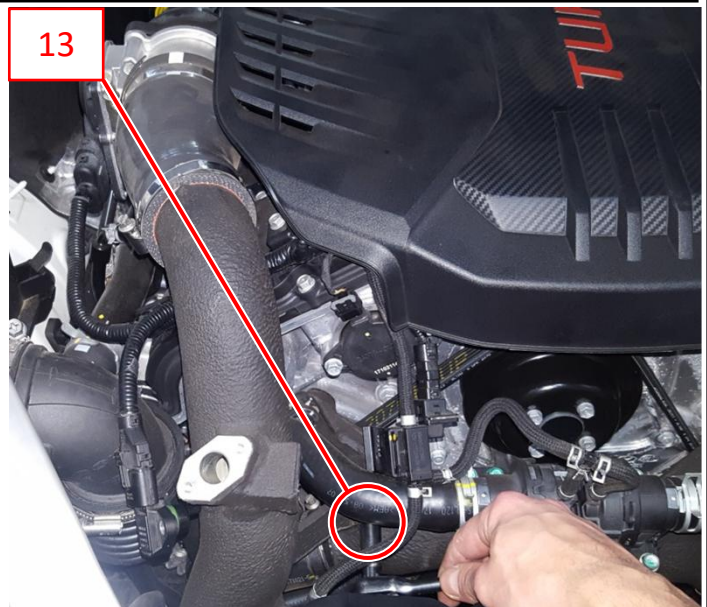
Mount the WT silicone hose 001004144 by using the supplied hose clamps on driver`s side of the vehicle (12).



### Demounting of the charge pipe

Demount the MAP - sensor and the magnetic valve of the OEM charge pipe. Loosen the mounting screw of the charge pipe (13) and the hose clamp of the silicone hose at the throttle.

Remove the OEM charge pipe and its silicone hose at the throttle.



### Installation of the WT charge pipe

Place the OEM rubber - metal - buffer to the WT bracket (14).

Mount the silicone hoses (001004147 to the throttle, 001004148 to the WT intercooler) together with the WT charge pipe. Therefore use the supplied hose clamps.



## WAGNERTUNING Ladeluftkühler

*Fix the WT charge pipe by installing the WT bracket (16). Remove the hose of the air recirculation valve (passenger side) to create clearance for this installation.*

*Mount the hose of the air recirculation valve and attach the magnetic valve and the MAP - sensor to the WT charge pipe (17).*

*Now the installation of the WT charge pipe is now complete.*

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*Make sure the WT components do not have improper contact with surrounding components.*

*Attach the front bumper and the lower engine cover.*

*Check if everything is correctly and firmly attached.*