

# Kia Stinger Intercooler Fitting Instructions

## Tools needed:

- Ratchet Set
- Trim Tool
- Jubilee Driver or Flat-Bladed Screwdriver
- 10mm Socket
- 13mm Socket
- Hacksaw

## Kit Includes:

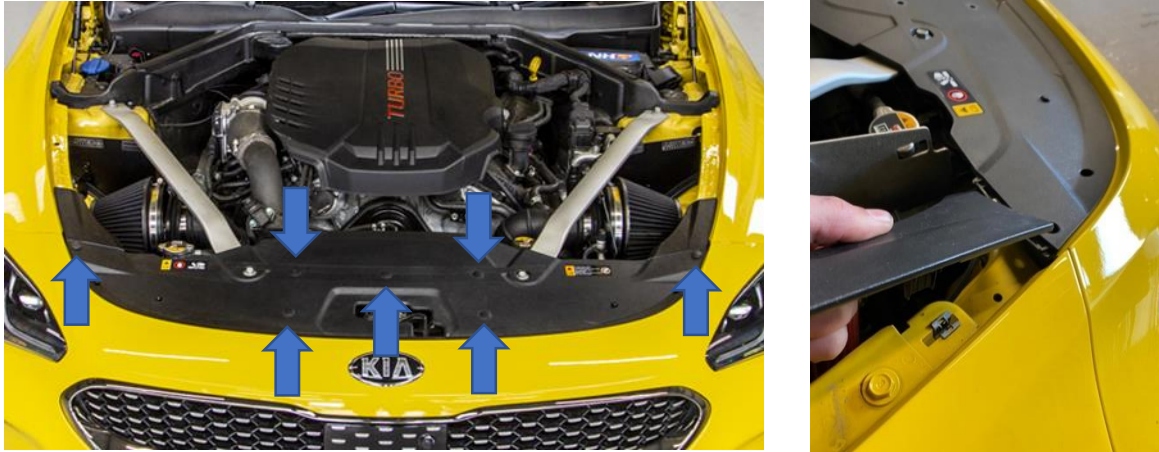
- AIRTEC Motorsport intercooler
- 2x top brackets
- 2x lower brackets

PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT



## Instructions:

1. Start by removing the seven trim clips from the slam panel then remove the side pieces applying pressure underneath them to release.



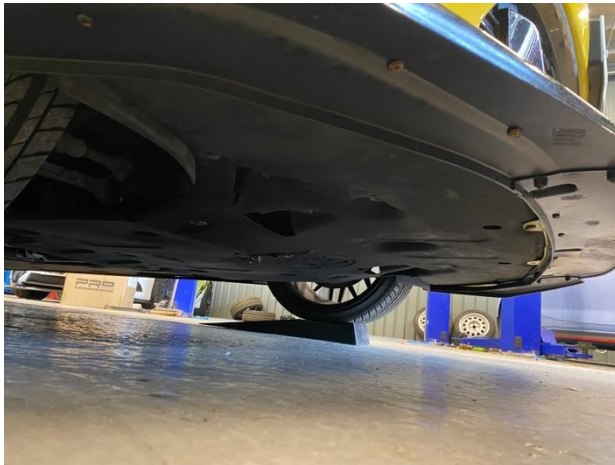
2. Once the side pieces are removed you will be able to access the 10mm bolt at the top of the wing. These will need to be removed from both sides of the car. Then remove another 10mm bolt from both wheel arch liners.



3. Now you will need to remove three trim clips from both arch liners, they will be located at the top, middle and bottom of the arch liner.



4. Remove six trim clips securing the underneath of the bumper in place, then unclip the bumper from the brackets and disconnect the wiring harness. Then you will be able to remove the front bumper.



5. Remove the 13mm bolt and 10mm nut from the top bracket on the intercooler. You will then need to disconnect the clip securing the intercooler to the boost pipe and release the jubilee clip on the other end of the intercooler.

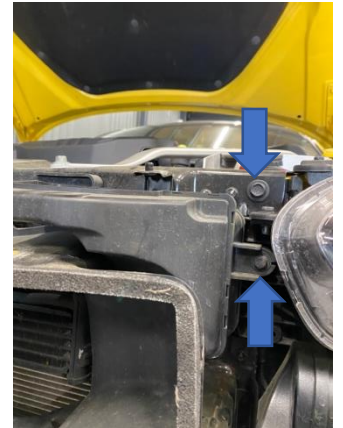


6. Now you will need to remove the lower intercooler brackets by removing two 10mm bolts from either side of the intercooler. The original intercooler can now be removed from the car.

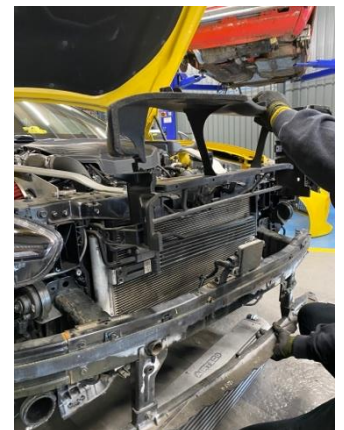




7. You will now need to remove the plastic surround from behind the crash bar but first you will need to remove both cold air feeds by undoing two 10mm bolts from either side, as shown below.



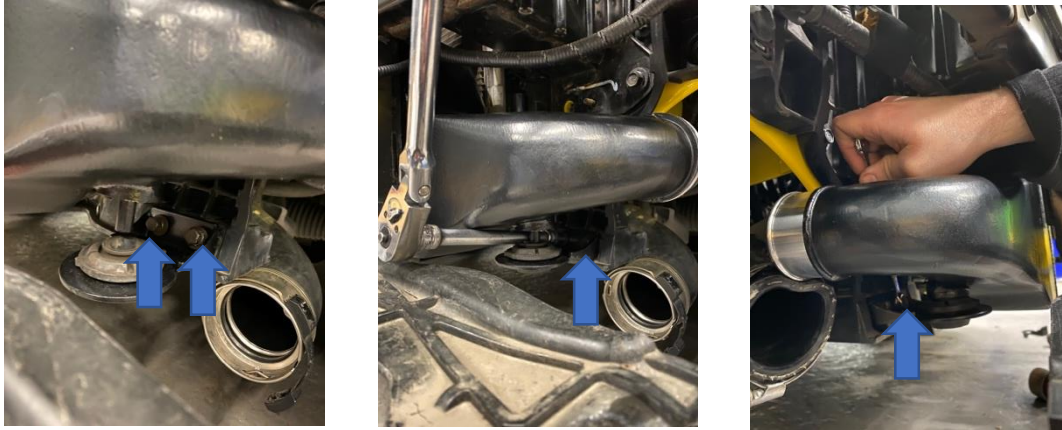
8. Once the air feeds have been removed you can remove the 10mm fixings securing the plastic surround in place. There will be two located at the top of the surround and two above and below the crash bar fixing points, as shown below. After removing the bolts you will need to release the wiring connector that is attached at multiple points using a trim tool. The surround can now be removed.



9. You will now need to cut this surround so that your AIRTEC Motorsport intercooler can be installed. Cut the bottom section off as shown in the pictures below.



10. Now you can install your new intercooler by aligning it in place using a vehicle jack and then installing new brackets. Install the lower brackets by reusing the original 10mm bolts. You will need to use a spanner to get the inside bolt tightened due to restricted access from the front of the intercooler.



11. After the bottom of the intercooler is secured in place you can fit the new top brackets. You will need to reuse the 13mm bolt removed in Step 5 from the top bracket with the rubber bushings to secure the pins from the intercooler in place.



12. Finally, you can now refit the boost pipes to your intercooler and refit the plastic surround with the front bumper in reverse of Steps 1 to 4.

