

Hyundai Kona N Big Boost Pipe Kit Fitting Instructions

Tools Required:

- Ratchet and Socket Set
- Hose Clamp Pliers
- Jubilee Clip Flexi-Driver

Kit Contents:

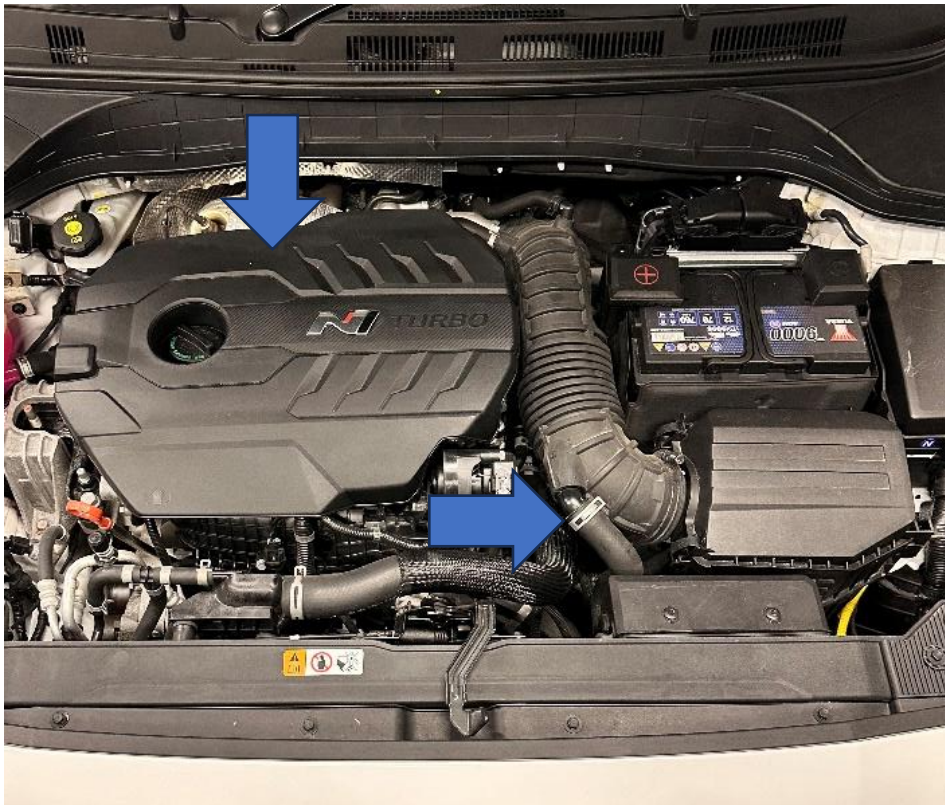
- 2x M5x12mm Socket Head Bolts
- 2x M5 Washers
- 4x 80mm Jubilee Clips
- 3x 90mm Jubilee Clips
- 1x 70mm Jubilee Clip



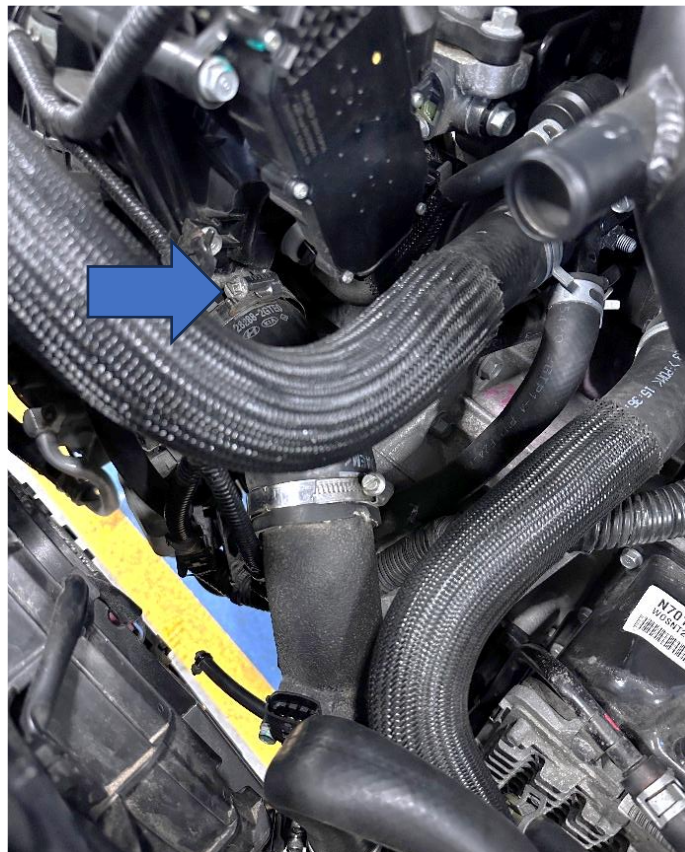
PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions

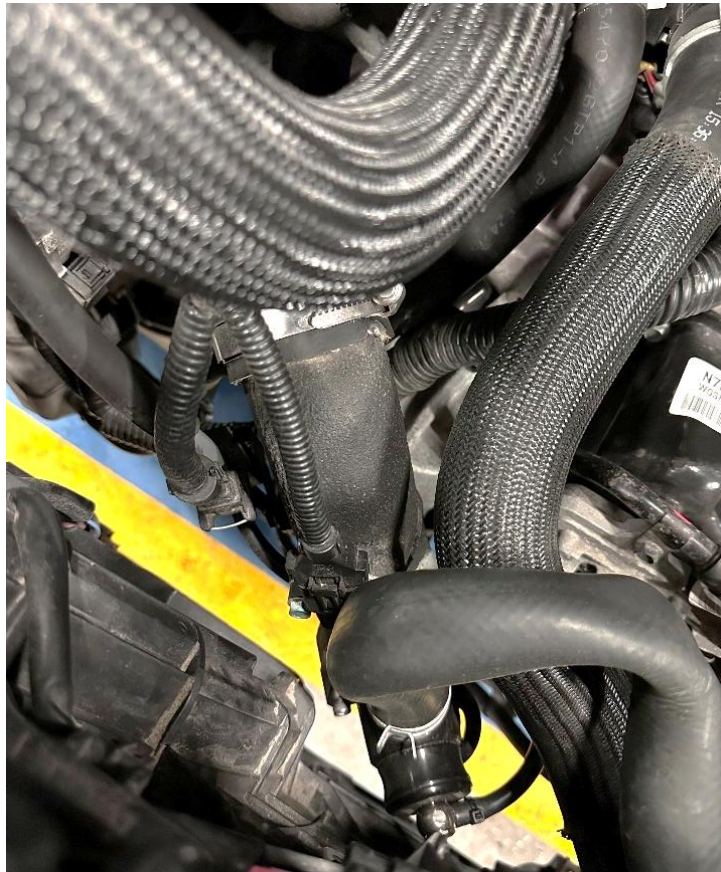
1. Start by removing the air box and induction hose to gain access to the boost pipe work.



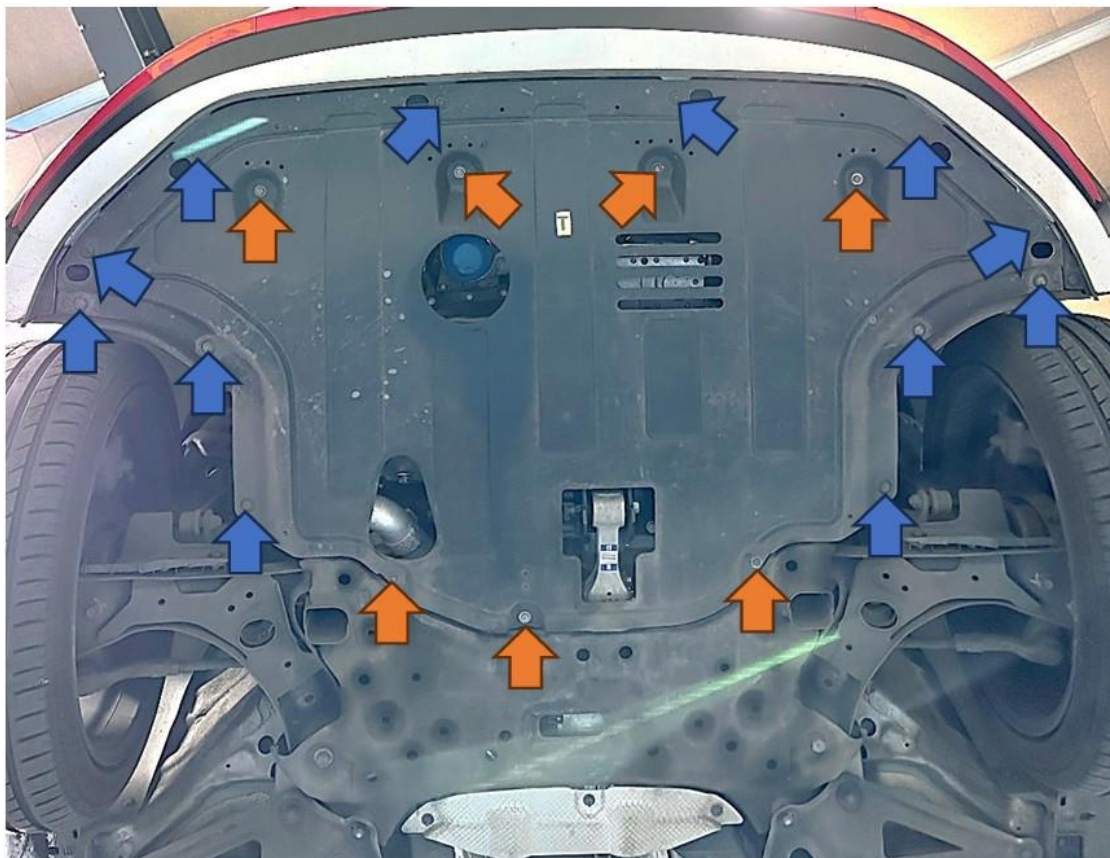
2. Remove the protective cap on the jubilee clip and then loosen the pipe to the throttle body.



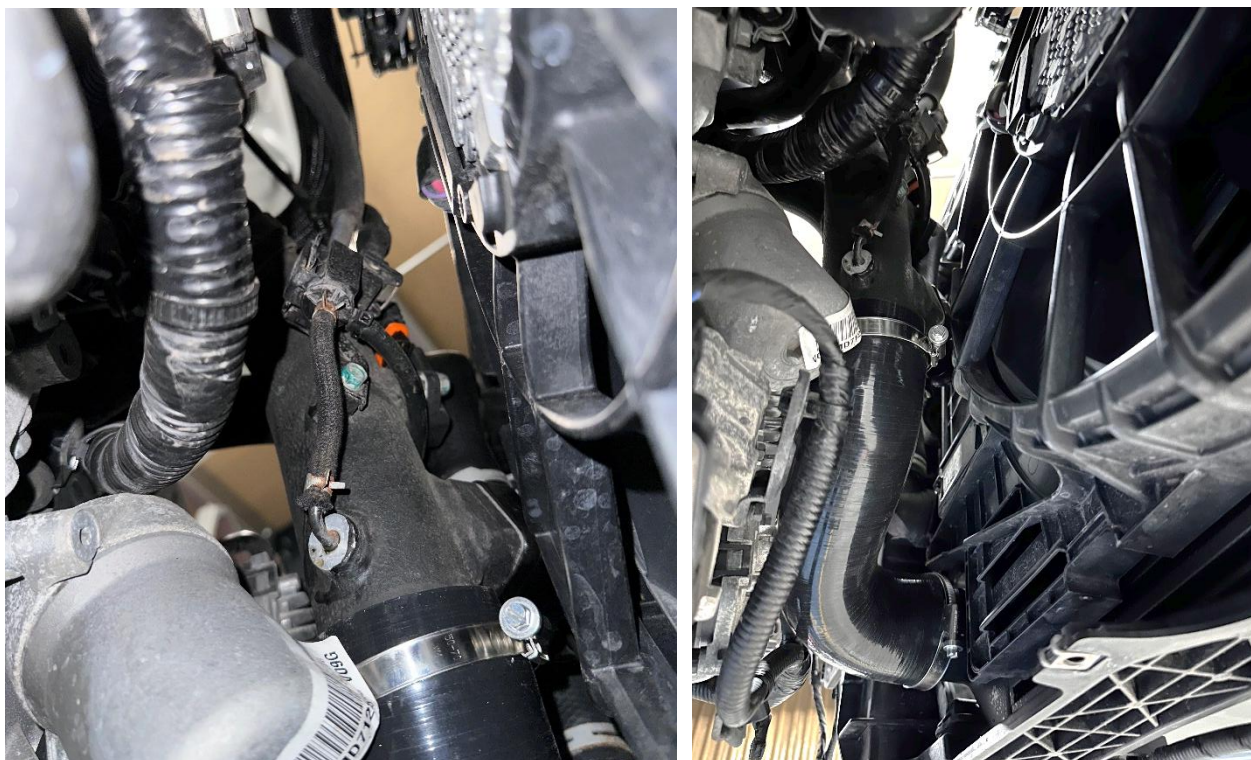
3. Unplug the MAP sensor and remove any wiring connections that are attached to the pipe.



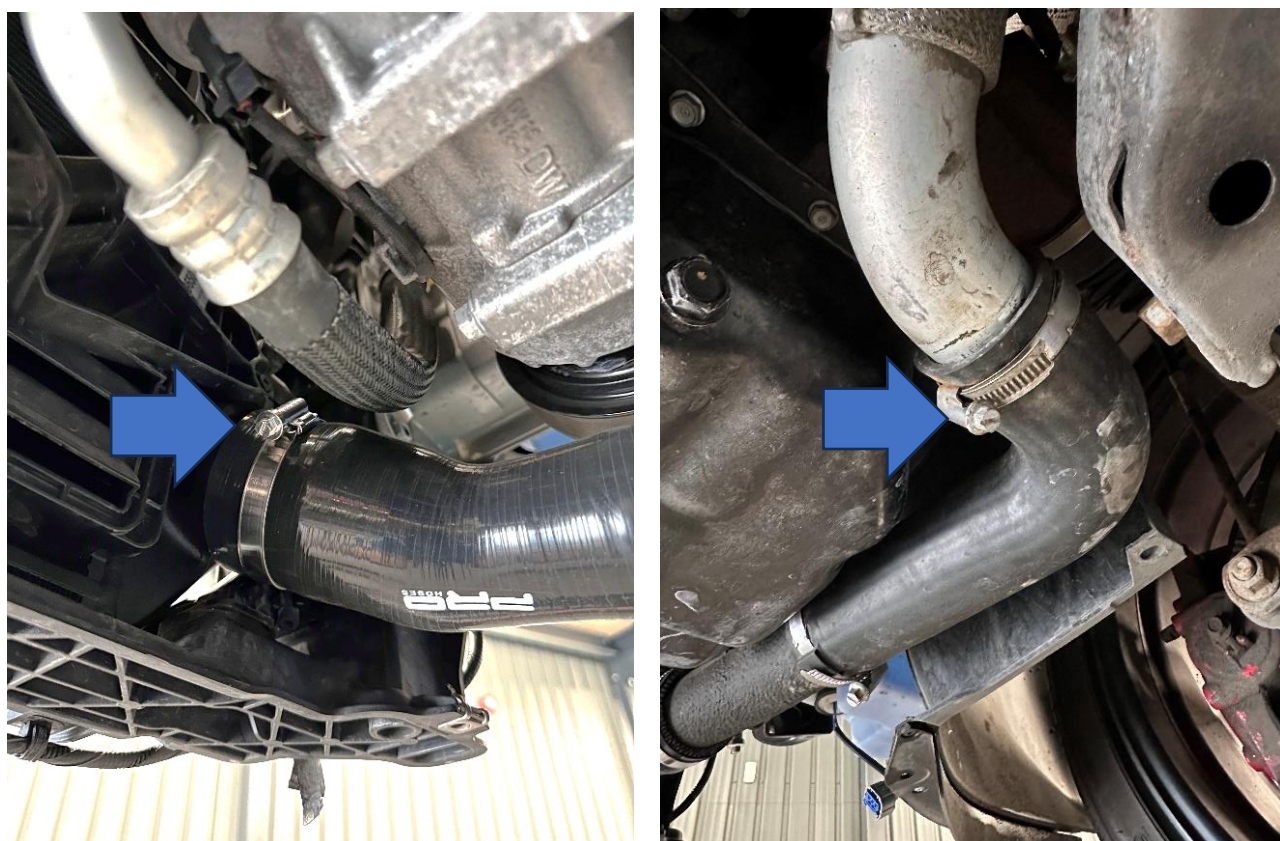
4. Now working under the car, release the undertray by removing the 12 plastic push fits (blue arrows) and seven 10mm bolts (seven orange arrows).



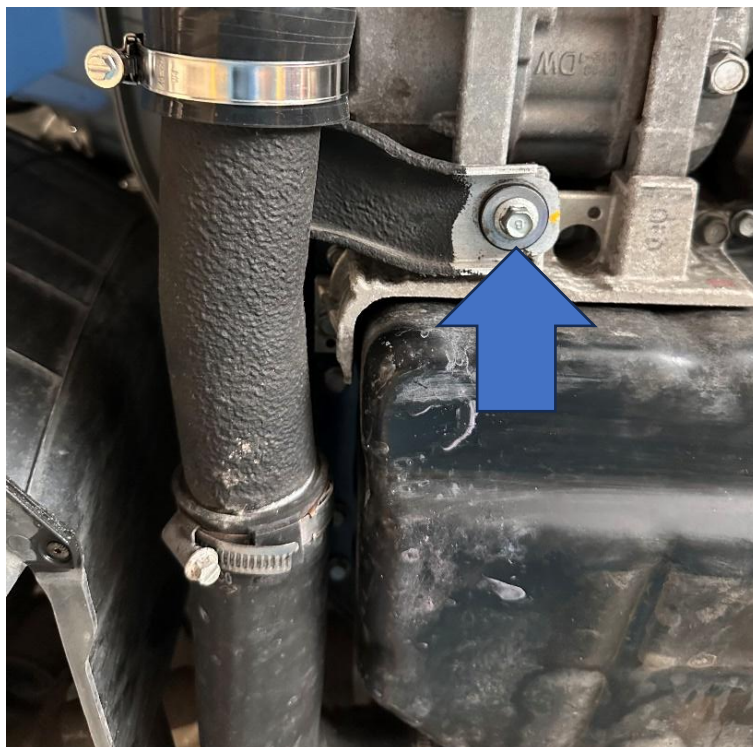
5. Remove the vacuum line and bolt attaching the mounting bracket to the bottom of the pipe. Then undo the jubilee clip and remove it from the car.



6. Working on the other boost pipe now, undo the jubilee clip attaching the silicone hose to the intercooler. Then remove the protective cap and undo the jubilee clip attaching the rear hose to the hard pipe.



7. Undo the 10mm bolt attaching the pipe to the engine and remove the entire hot side pipe from the car.

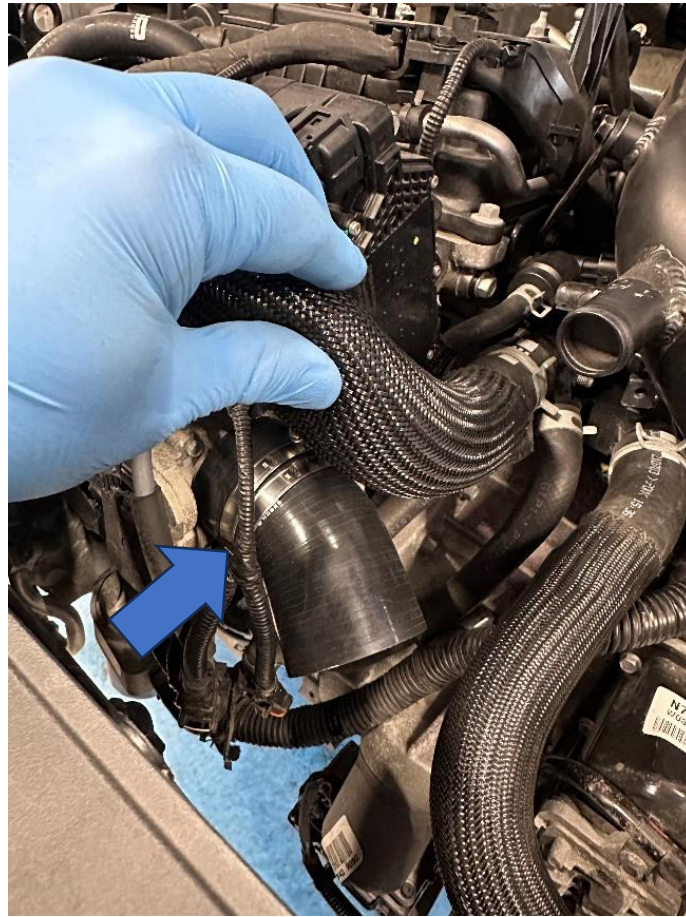


8. The original MAP sensor and recirc-valve need to be removed from the original pipe by undoing the 10mm bolts attaching them to the standard pipework (please note, this car is fitted with an aftermarket replacement recirc-valve so has 5mm Allen Key bolts instead).

Install to the new pipe the MAP sensor using the supplied M5x12mm bolts with washers and reuse the original bolts for the recirc-valve. Ensure the 90-degree vacuum take-off is installed and orientated in a similar direction to the original when tightening, as shown.



9. Install the supplied silicone hose onto the throttle body with jubilee clips provided but **do not fully tighten yet**.



10. Install the new hard pipe along with the supplied silicone hose to the intercooler with the jubilee clips provided. Once happy with the positioning of the pipework, proceed to fully tighten the jubilee clips and then reconnect the plugs, bracket and vacuum hose removed in Step 5 to the pipe, as shown.



11. For the other side, install the supplied silicone hose onto the intercooler with the jubilee clips provided but **do not fully tighten at this stage**. Then attach the hard pipe and the final 90-degree silicone hose at the back of the engine. Once happy with the positioning of the pipe and silicone hose, proceed to fully tighten all jubilee clips.



12. Finally, with all jubilee clips fully tightened you can reinstall the undertray, engine cover and induction hose.