

PIRAS motorsport

GR Yaris Air Box Intake kit

Gen.1 & Gen.2

Installation Instructions

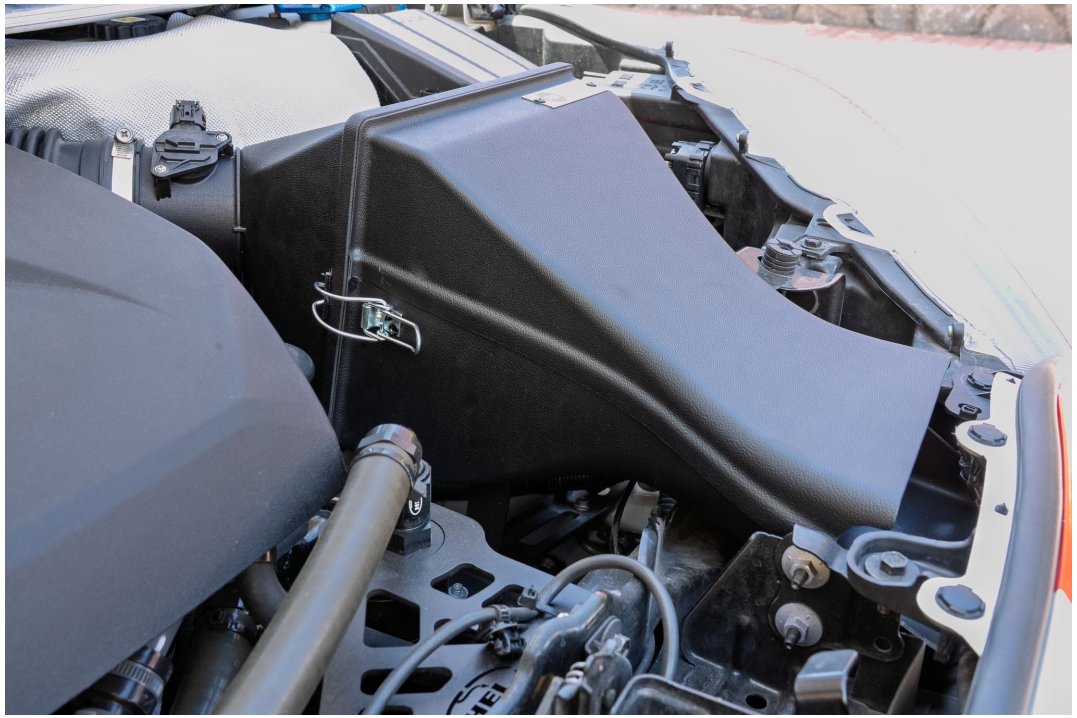
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TOYOTA GAZOO Racing

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1. Introduction

Thankyou for supporting PIRAS Motorsport, a company funded to share our culture and passion for motorsport and performance tuning.

The «no bullshit» approach makes things transparent and easy, far from the reality of the current tuning industry, that appears to favor image and profits over truth and performance.

This kit isn't perfect, but we go as close as possible: it has been engineered by the same engineers that engineer parts for Bugatti, Dallara, VW Ag, Ferrari, etc.… in their day jobs.

Manufacturing products isn't a joke, so issues can always arise, but we are here, ready do back our product in any moment. For any question or issue, just reach out to us at piras@pirasmotorsport.com

Note: Please publish on Instagram a post of your product tagging @piras.motorsport and including hashtag #pirasmotorsport If not done yet, please Subscribe and share our YouTube channel !!

So… Let's get started, a lot of fun expects You!!

⚠ 2. Important Notes & Disclaimers: PLEASE READ NOW

- **INTELLECTUAL PROPERTY: this kit, its individual elements, pictures, technical data, etc. are intellectual property of PIRAS Motorsport. Sharing of finished parts does not give any right of reproduction, copy, including modified variants, in any form.**
- **DISCLAIMER: although highly engineered, this is a motorsport kit that affects the Toyota GR YARIS power and performance: NO Guarantee is provided and NO Responsibility taken from its use or misuse, including personal or third-party injuries that may occur. IF the package arrives damaged to You, please DO NOT ACCEPT OR OPEN IT. PLEASE RETURN IT and file a direct complaint to shipping company, while informing us.**
- **MAF Sensor:** this sensor is very delicate and needs to be handled with attention and delicacy. Make sure the O-ring is well seated while installing it in the new MAF housing, and that the sensor sits flush, parallel with the housing and mounting holes.
- **AIRBOX HOMOLOGATION: at the current time (July 2025) the PIII AirBox is offered with no homologation, as a Motorsport product, for OFF-Road use only.**

3. Kit Contents: Bill of Materials

Your Hood Air Vents Kit includes the following materials:

- N° 1: Front Airbox section w/bracket
- N° 1: Rear Airbox section w/MAF holder
- N° 3: Zip ties.
- N° 1: Depression System closing cap.
- PIII Car Stickers
- OPTIONAL: Sprint Filters P-08 Air Filter

4.1 Installation instructions (GR Yaris,Gen.1 & Gen.2)

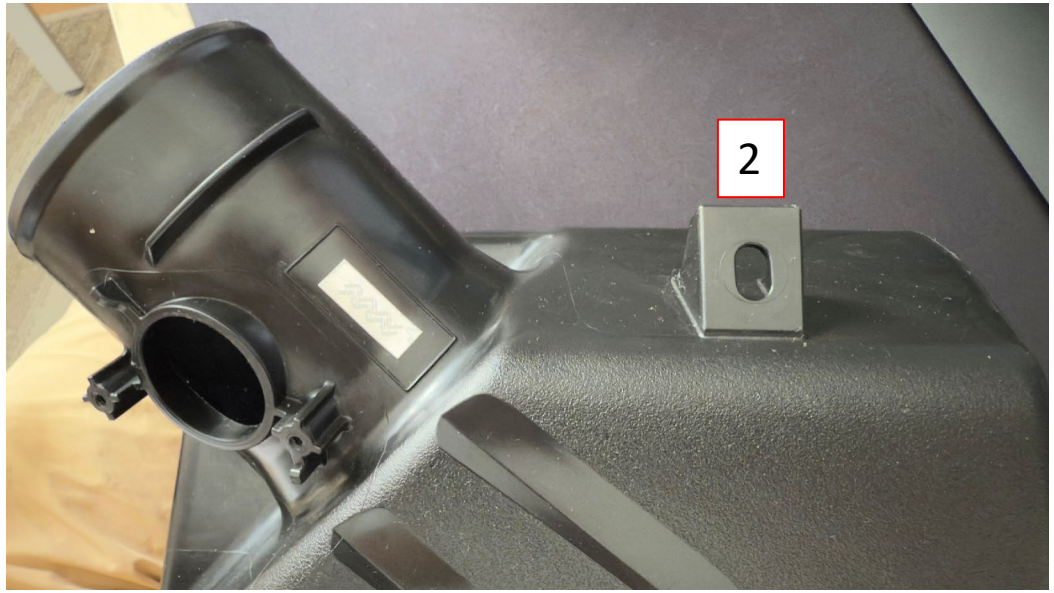
For your information, the Airbox system on Gen.1 and Gen.2 GR Yaris are completely identical.

- **STEP 1: MAF Sensor**
  1. Disconnect MAF Sensor Cable electrical connector, but pushing down gently on the connector
  2. Disconnect MAF Sensor Cable holder from airbox
  3. Unscrew & Remove the MAF Sensor and place it in a safe location, together with the two screws (please handle with extreme care!!)

  Please make sure you use a SMALL SIZE Phillips Screwdriver with the correct depth, in order not to ruin the small screws.

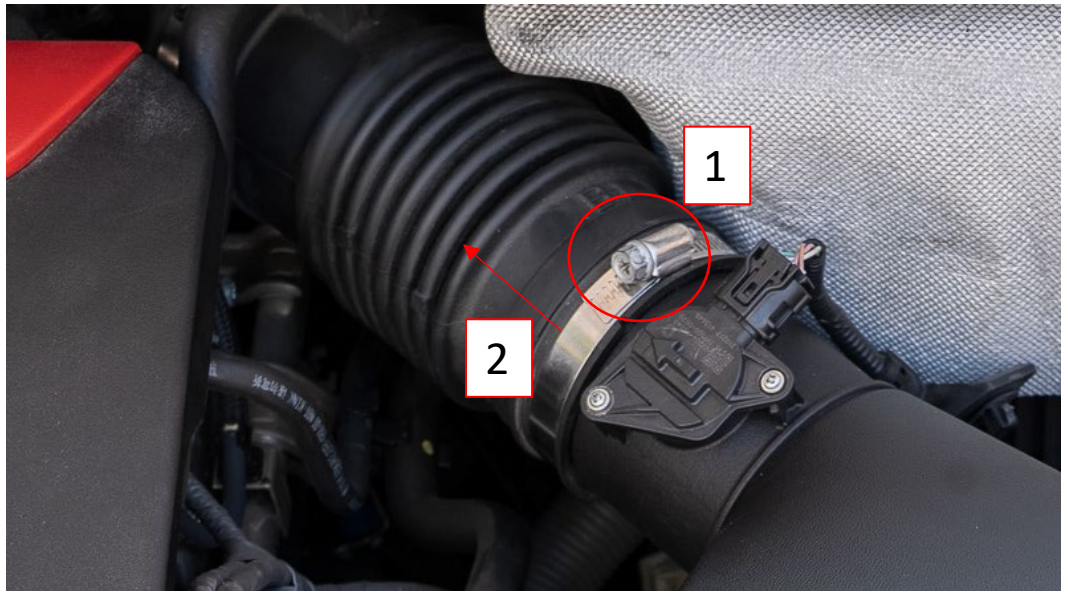






4.2 Installation instructions (GR Yaris,Gen.1 & Gen.2)

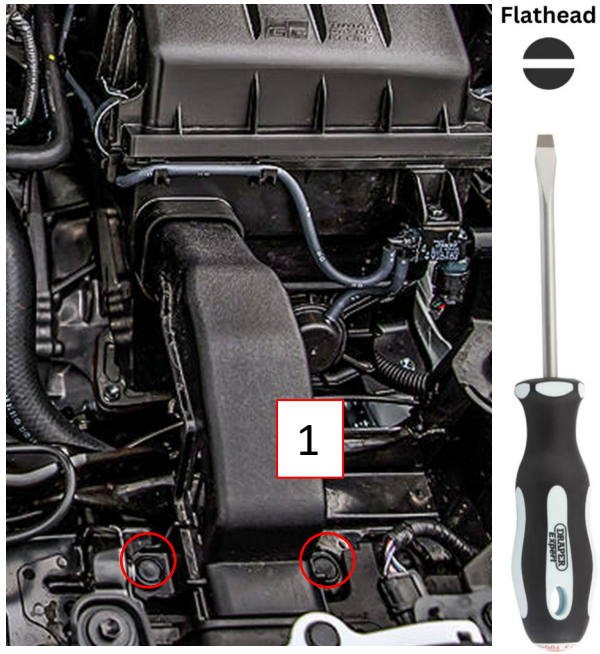
- **STEP 2: Intake hose**
    1. With a medium size Phillips screwdriver, unscrew the hose clamp next to the MAF sensor housing.
    2. Slide the intake hose off the OEM airbox MAF sensor housing.

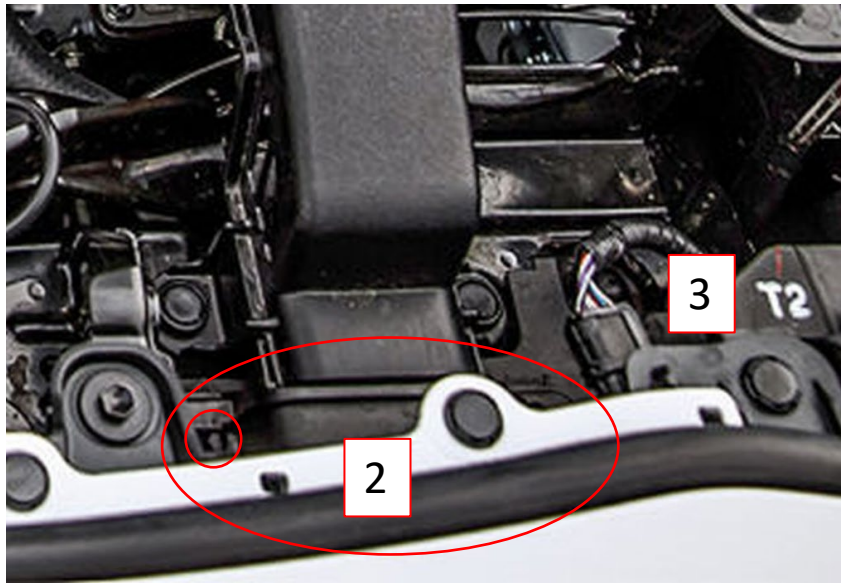


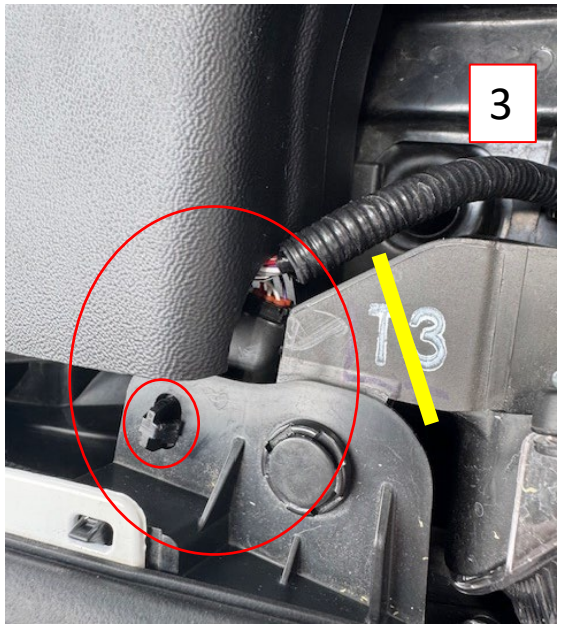


4.3 Installation instructions (GR Yaris,Gen.1 & Gen.2)

- **STEP 3: OEM Airbox “Snorkel” removal**
  1. Locate the OEM Airbox Snorkel and remove the two plastic buttons by pulling up the center caps with a Flathead Screwdriver, then remove the primary snorkel.
  2. Locate the Snorkel’s duct, and by pressing together the two plastic tabs on each side, remove it from the engine bay.
  3. Given the increased size of the PIII airbox, and to offer the cleanest airflow, we recommend detaching the Radar’s cable plug from its OEM clip and to zip-tie it slightly to the right, by using one of the provided zip-ties. You will find an opening under the plastic part named “T3” in yellow in the picture to the right, where to pass the zip-tie through.

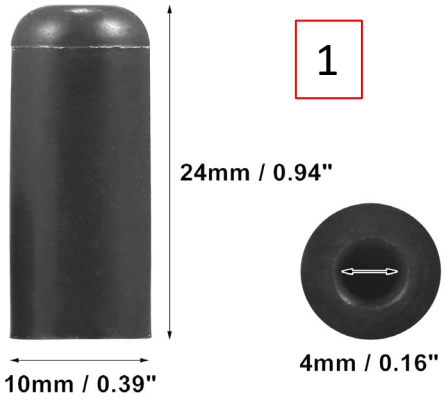


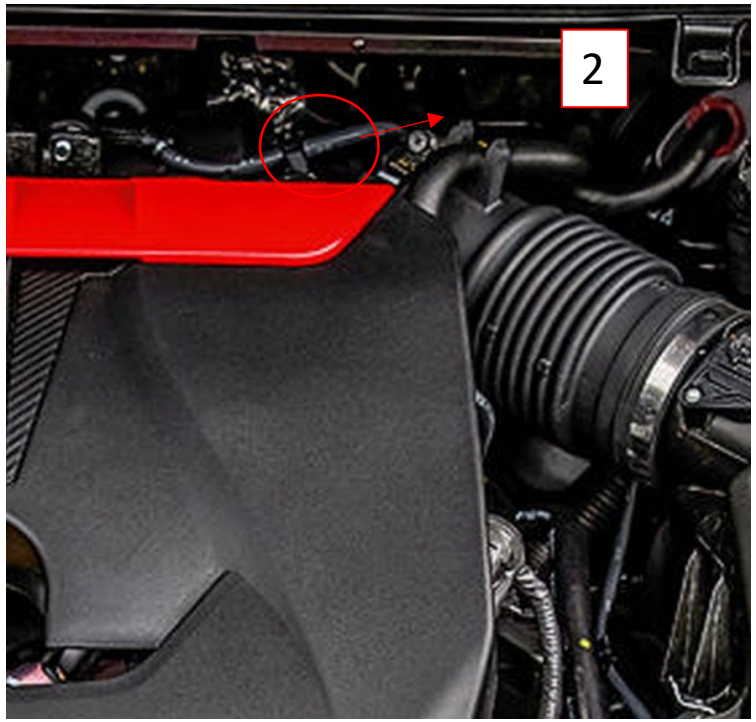




4.4 Installation instructions (GR Yaris,Gen.1 & Gen.2)

- **STEP 4: OEM Airbox “Flap” Depression System & Airbox Removal**
  - DEPRESSION ACTUATOR: you can freely choose if to remove the Depression actuator entirely from the car, or only to disconnect the depression hoses from it and zip-tie the unit to the cables that route upwards to the fuse box.
    IF removed entirely: your ECU will show a “secondary fault code” that has no impact on engine performance.
    IF removed entirely: please cover the OEM connector, car side, with water resistant tape to prevent any short to ground issues in the future.
  1. Locate the Depression System Plug, found in the plastic bag within your PIII box.
  2. Remove the OEM Depression tube from the engine circuit, as shown in picture below, and replace it with the provided Plug.
  3. Remove the OEM AirBox from the Engine Bay: it will come out with all its depression tubing. For Depression Actuator, please follow the guidelines above.







4.5 Installation instructions (GR Yaris,Gen.1 & Gen.2)

- **STEP 5: Installation of PIII Airbox**
  1. Install the MAF Sensor in the new PIII MAF housing. Please make sure to properly sit the O-Ring without pinching it, as the fitting is air-tight. Screw on snug with Phillips screwdriver.
  2. Bring the PIII MAF housing / Rear AirBox half to the engine bay, and insert it into the the turbo intake hose, leaving the hose clamp loose for now.
  3. Insert filter as showin in picture and Install the Front half of the Airbox into the engine bay, by making sure that the three fit are well located into their corresponding grommets: if there is any issue in placement, you can play a little bit with the left side support, car side, as it is very prone to bending and tolerances from factory.







4.6 Installation instructions (GR Yaris,Gen.1 & Gen.2)

- **STEP 6: Installation of PIII Airbox**
  1. After locking the Front and Rear portions of the Airbox together, feed the turbo intake hose all the way over the MAF housing, then tighten the hose clamp and DO NOT OVER TIGHTEN!!
  2. Congratulations, you have finished your PIII Airbox installation: now you can benefit from the added performance and sounds!!!







5. FAQ - Frequently Asked Questions

- **Can I expect immediate performance gains?**
  - **If you are running the OEM GR Yaris ECU, please allow for 30-50Km of driving before expecting full adaptation to the new AirBox.**
    We suggest this also before running on a power dyno, as it is proven that this ECU has an enormous window of adaptation.
  - **Of course, if you will remap the ECU upon installation, this doesn't apply.**

- **My PIII Airbox moves when I touch it**
  - **It is totally normal that our AirBox has a little bit of movement, this is by design as intended to enable maximum durability and compliance.**
    Given the extremely low mass of this assembly, there is absolutely no possibility that it will move out of its intended location, we have tested in every way!!

- **How can I clean my AirBox?**
  - **The main AirBox is made of ABS plastic, so you may clean it with a damp microfibre cloth, making sure your rinse it of any debris while cleaning.**
    For the ultimate finish, we suggest you use an opaque car plastic cleaner product.

- **How do I clean my Sprint Filter P-08 Air Filter?**
  - **This hight technology Air Filter is one of a kind and, if well treated, it will outlast the life of your car!**
  - **Just remove the Air filter and use compressed air to clean it, making sure you blow from the turbo-side outwards, in opposite direction of normal air flow.**

5. FAQ - Frequently Asked Questions

- **I want to thermally insulate my AirBox**
  - **When performance is never enough, and every last small advantage counts,**
    you may want to thermally insulate your AirBox:
    You can use adhesive golden heat reflectant wrap, such as DEI or similar, with no problems.



- **I see a gap in between AirBox and filter before installation**
  - **This is totally normal by design: the filter's frame itself acts as a seal: once you lock the two halfs of the AirBox together, you will se that the assembly is gap free.**



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THANK YOU



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