

## ENG

### Thanks for purchasing the Gabro Racing intake stacks kit for Aprilia RSV4 1000 and 1100cc (2017 – present)



Remove the passenger and rider seats, left and right underseat panels, undo front and rear tank supports, lift and remove the tank, disconnecting the fuel pump and IMU electrical connectors, the fuel vent hoses and the fuel supply hose at the rear throttle body connection (place a rag underneath for catch any fuel spill).

Remove the ECU and it's fixing frame from the top of the airbox and disconnect the intake air temperature sensor.

Remove the airbox lid disconnecting the upper fuel rail on airbox right side (place a rag catch any fuel spill) and undoing the multiple philips screws securing it to the base.

Once the lid is off the bike, remove the upper fuel rail and upper injectors off the lid, **do not do it while the lid is on the box**: the injectors bosses are usually full or road grime that can drop in the throttle body.

There's no need to disconnect the injectors electrical connectors, remove the whole rail and injectors as an assembly. Instead of pulling the injector out from the top, gently push on their nose to pop them out from the lid.

Remove and set aside the oem upper velocity stacks, fit the supplied four pieces rubber plugs in the screw holes left open in the lid. Verify snug fitment (**see FIG 1 and 2 attached**).

Using a 4mm allen key remove the four plastic OEM intake stacks from throttle body, remove the screws from OEM stacks for reuse in GRT stacks.

Stacks are marked 1 to 4: #1 is rear left, #2 is front left, #3 is rear right, #4 is front right. The longer ones go in rear and the shorter ones go in front.

Install 2 of the stacks fixing screws at front throttle body, just screw in them a couple of turns (**FIG 3**), install the rest of the screws in the kit stacks bosses, pushing them in from the side (**FIG 4**).

Slide stacks #2 and #4 into the screws previously fitted loose in the airbox base at front throttle body, then insert stacks #1 and #3 into rear throttle body.

Tighten all 8 screws, check for a good stacks fitment.

Reassemble the upper injectors assembly in the airbox lid, using a bit of grease on injector o-rings. Reinstall the lid back on the airbox, reinstall the ECU and all the accessories previously removed, reinstall the tank with its fuel hose and vents. Be sure fuel hoses connectors, both at fuel pump and at upper rail do a nice "click" when re-installed. Do a couple of key-on/key-off to prime the fuel pump and purge the system: carefully check for any fuel leak.

Load the specific stacks map in bike ECU using your UpMap system, downloading it for free from the online maps shop using the supplied one-use promo coupon found in the kit's box.

***ATTENTION: this is a race product intended to be used on closed courses. Both stacks kit and UpMap mapping are not intended for street use.***

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**We will be glad of any product review!**

**FIG 1:**



**FIG 2:**



**FIG 3:**



**FIG 4:**

