

RAMAIR

Intake kit for...

**VW Golf (mk5 & mk6),
Passat (B6 & B7),
Passat CC (B6 & B7),
Scirocco (mk3)
Audi A3 (8P),
SEAT Leon (1P),
Skoda Octavia (mk2)**

1.6, 1.9, 2.0 TDI PD & CR engines



Pictures: VW Golf mk5 GTD 2.0tdi PD170 DSG - BMN engine

Part Number	Description	Quantity
HS-JSK-120	Heat Shield (2 parts)	1
RAMSIL-JSK-120	Silicone Hose	1
RSC70x50BK	Silicone Coupler	1
JS-107L-BK	Air Filter	1
530003	Rubber U-Channel	1m
FK-JSK-120	Fitting Kit	1

Before starting any work on the vehicle please ensure that there are no existing engine management issues.

It is recommended that you read and understand these instructions in their entirety before beginning the installation.

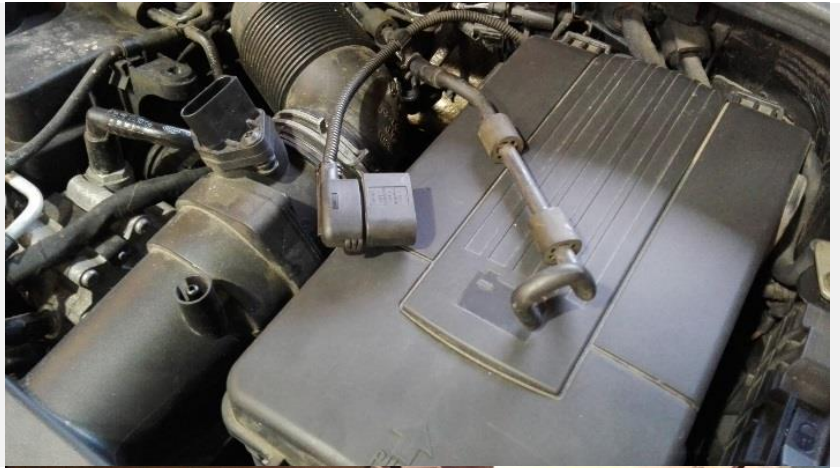
It is recommended that a competent mechanic carries out or at very least inspects the installation of the kit.

If you are at all unsure about any aspect of the installation process, please contact RAMAIR Filters before proceeding.

Irreversible modification (cutting, grinding, bending, gluing, etc) of any component of the kit is not required for installation to a standard vehicle, doing so may affect your warranty.

01

Unplug the MAF sensor & vacuum tube from the air box.



02

Disassemble the cold air supply assembly and disconnect the MAF housing from the intake pipe by compressing the sprung clip.



03

Undo the rear mounting bolt, and lift the air box off its feet.



04

Lift the air box out rotating it anti-clockwise so as to avoid the coolant pipework. Remove the remainder of the cold air feed assembly by undoing the 2x T25 screws.



05

Prepare the heat shield as shown. Apply the supplied U-channel and 2 rubber feet to the parts shown in red.



06

Install the heat shield base onto the OEM airbox mounting points. Install the heat shield side over the pipe using the M5 bolts and washers. Secure with the M6 bolt and lock washer in the rear air box mounting point from step 3.



07

You may need to adjust the small coolant pipe and its rubber spacer so that it sits nicely in the heat shield.



08

Remove the MAF housing from the air box and install it back into the OEM turbo intake hose.

For vehicles with the smaller 70mm MAF housing install the short silicone coupler onto the MAF housing inlet to act as a reducing ring for the silicone intake hose



09

Install the silicone hose as shown and secure with a hose clamp on the MAF housing inlet.

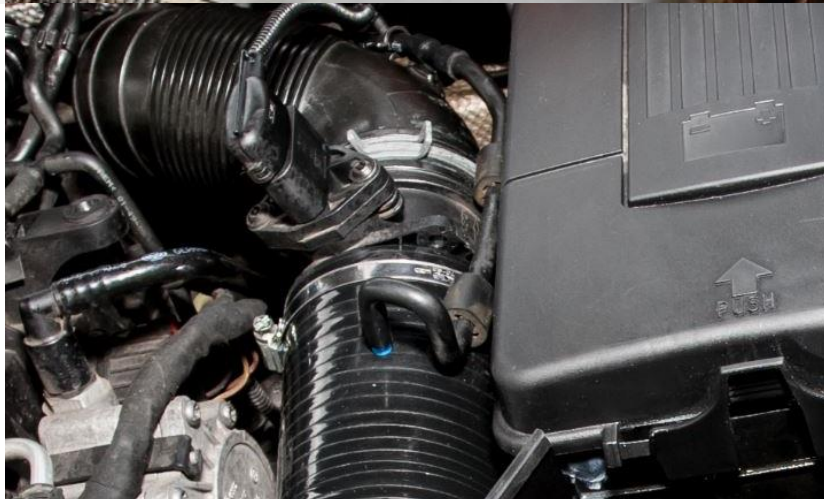
Ensure the MAF sensor is correctly oriented. Look at the arrow on the housing.



10

Reconnect the MAF sensor plug.

Connect the vacuum hose disconnected in Step 01 to the silicone hose using the supplied hose joiner.



11

Install the filter and secure with the hose clamps provided. Check for clearance around the filter body. Rotate the silicone hose at the MAF end to adjust the position of the filter.



12

Double check your installation. Start the car and allow to idle for a couple of minutes for it to adjust.

Check your installation periodically to ensure everything is in order.

At normal air filter service intervals (once per year normally) wash the filter using warm soapy water and rinse, leaving to dry fully before re-installing. Do not attempt to clean/dry the filter using compressed air as you will damage the filter material.

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