

**INSTALLATION INFO for DNA KTM 1290 Stage 3 KIT AK-KT12MK3R-S3 & AK-KT12MK3X-S3**

**Application:** KTM models: 1090 SUPER ADVENTURE 2017'-19', 1190 SUPER ADVENTURE 2013'-16', 1290 SUPER ADVENTURE 2015'-20', 1290 SUPER DUKE 2014'-19', 1290 SUPER DUKE GT 2016'-21'

The DNA High Performance KTM Stage 3 Kit is designed to replace the stock 'Air Box' and provide high unrestricted air flow to the engine. Two configurations are available, the 'R' for race & high-performance road applications, and the 'X' with 'double' in line filters, for off road applications.



***The Stage 3 Kit is developed for Race use and in some countries, it may not be legal to use it on the road. Installation must be done by a qualified mechanic.***

1. Remove the stock air box from the bike following the instructions found in the official KTM workshop manual.
2. Remove from the stock air box the temp sensor.
3. Install the temp sensor on the DNA air box base.
4. Install the 2 O-rings on the bottom side of the DNA air box.
5. Install the DNA air box base on the throttle bodies, install and bolt the velocity stacks (see photo for correct orientation).



DNA AK-KT12MK3X-S3 displayed featuring 2 DNA filters in line.

6. Remove the OEM crank case vent tube and install the DNA tube (included).
7. Connect the temp sensor cable.
8. Connect the SAS valve on the front lower side of the base.
9. Remove from the stock airbox the rubber intake ducts and Install them on the DNA laser cut frame.

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10. Install the DNA laser cut frame in front of the air box and secure with the ZIP ties provided (see photo)



11. Connect the 2 air ducts and the SAS valve with the laser cut frame.

**ATTENTION!** : If you are not using or intend NOT to use the SAS system, it is necessary to block the hole at the front lower side of the DNA air box base.

12. Install the DNA filters, large side down, small side up.  
The 'X' models use 2 DNA filters IN LINE (one in & one out) and the top is blank.  
The 'R' models use one DNA filter on the base and one on the 'top'.



13. Install the Top Billet Cover, do not overtighten!

**WARNING!**

**Always use both filters! Always use the filters oiled!**

**Follow the above procedure each time you service the filters.**

Protect the filter when washing the bike and do not use a pressure washer on the filter.

Use the dedicated DNA Service Kit DSK-3001 (sold separately) to clean and re-oil, following the instructions included in the service kit.

***ATTENTION! Fuel injection recalibration is recommended to fully take advantage of the air flow increase!  
Correct your fueling and avoid the engine running lean.***

For additional assistance concerning the DNA Stage 3 Intake Kits e-mail: [rnd@dnafilters.com](mailto:rnd@dnafilters.com)

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