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New DNA High Performance Air Filter Release Sheet • #3 / 2014



Dear Business Partners and Friends,

We proudly announce the official release of the P-KY4SC13-01 DNA air filter for the KYMCO models:

- ✓ XCITING 400i 2013-2014
- This filter features DNA[®] s advanced FCd¹ (Full Contour design).
- Installation of this new DNA Air filter is very easy; simply follow the installation instructions included in the KYMCO workshop manual.
- The filtering efficiency is extremely high at 98-99% filtering efficiency (ISO 5011), with 4 layers of DNA® Cotton.
- The flow of this new DNA Fcd filter is high, +26.10% more than the KYMCO stock paper filter!

DNA Fcd air filter flow: 202.50 CFM (Cubic feet per minute) @1,5"H2O corrected @ 25degrees Celsius KYMCO stock paper filter: **160.60 CFM** (Cubic feet per minute) @1,5"H2O corrected @ 25degrees Celsius

• This DNA[®] filter is designed as a High flow Air filter for: 'Road & Off road use'.





160.60 CFM

DNA® FILTER AIR FLOW

202.50 CFM ✓

DNA® INCREASED AIR FLOW

+26.10% ✓



DNA® FILTERING EFFICIENCY

98-99% √



AIR FLOW DATA MEASURED WITH DNA'S ROTRONICS FLOWSCAN COMPUTERIZED FLOWBENCH



FCd (Full Contour design) is the innovative design by DNA®, that allows the filtering material to follow precisely the contour of the air box and uses the complete air box surface as "active filtering area" eliminating "dead spots" that cause turbulence, increasing air flow and filtering efficiency.



Filtering efficiency is the amount of "dirt" the filter can maintain (stop) and protect the engine efficiently. For example the DNA $^{\oplus}$ Filter for every 100 grams of dirt that it will receive, it will hold 98-99 grams, this applies even to fine dirt as small as 5 microns.















