The „hybrid – bag” has opened at the Volkswagen Group

The introduction of Audi A3 e–tron has much more of significance than we would think at first hearing. Namely the petrol – electric hybrid is the prototype of an entire „modell – troop”: and if the Audi got it, then any other versions (which are built on that stunning many – sided floor panel giving it's basics) can be equipped with this modern drivetrain. And just to prove how truth this is: the Germans are already at step two...

MQB: this is the name of the brand new wonder - weapon (th cross - engined, modular floor planel) of the Volkswagen AG, which can serve as the basic of the fifthy types of the four brands of the concern, from the Seat Ibiza to the VW Passat. The common construction kit modul is able to house among the given (but wide
enough) frames any kind of running gear, power resource, and transmission which makes a fast and cheap development resp. production possible.

So if an MQB – platformed modell got the hybrid virus, the other (existing or upcoming) modells can also be infected in no time with the petrol – electric drive. The first provider is actually that A3, of which home the brand's factory in Győr was already as traditionally assigned to.

The Audi A3 e – tron solves the issue of the hybrid drive in the possibly easiest way: the high – performance electro engine was integrated to the modified, six – speed DSG transmission, and it will be fixed on the medium strong version of the 1.4 litre petrol engine also know as a genius this way. The system is able to do everything what we can expect from a modern hybrid: the two power resources can operate commonly and separately as well, the electro engine operates also as a generator, it is able to produce electricity from the side of the combustion engine, as well as from the side of the wheels (through the regenerative breaking).
The combined system - performance is 204 HP, in hybrid mode the driver can manage a maximum torque of 350 Nm, while the average consumption according to the standards is 1,5 litres / 100 km. In accordance with this the A3 e – tron exhausts 35 gramms of carbon – dioxid per kilometer – or even less, as the batteries (also chargeable from the network) make as well 50 kms of emission – free driving possible, with a maximum speed of 130 km / h. As a hybrid we shouldn't be so common sensed: the semi – electric A3 is able to a top speed of 222 km / h, and it sprints from 0 to 100 in proud 7.6 seconds.
However the most beautiful in the whole story is all the same that this is just the beginning: the Volkswagen has already announced that it's going to introduce the hybrid version of the Golf VII. – and then the Skodas, the Seats and the other concern members can follow, practically without any technical restrictions.