

Link do produktu: <https://bizongarage.pl/induction-kit-for-hyundai-i20n-p-41243.html>

## Induction kit for Hyundai i20N



Cena brutto	<b>1 473,68 zł</b>
Cena netto	<b>1 473,68 zł</b>
Dostępność	<b>Na zamówienie</b>
Numer katalogowy	<b>379177318</b>

### Opis produktu

**FMINDK45** is the Forge cold air induction system for the Hyundai i20N. As with all manufacturers in recent times, the need to make smaller capacity engines more powerful with better efficiency, has been the engineer's top priority. To achieve these goals, the designers have to maximise the space to its fullest, which in turn creates more of a challenge for the aftermarket manufacturers and tuners to improve what is already fitted to the vehicle. Nonetheless, this hasn't stopped us at Forge Motorsport!

Even with plenty of expertise from past developments with previous Hyundai models, the i20N power unit needed an **extensive amount of testing time** to ensure that we ended up with a product that provided genuine improvements over the standard air box.

The CAD designed, laser cut, and precision folded heat shield is designed to form a barrier between the air inlet tract and radiant heat from the engine. It also helps duct the cold air to the air filter, to help preserve low intake temperatures, which in turn creates **more power**. Finished in our black textured powder coating, this creates a product with an OEM look and quality.

### WHY DO WE TRY TO DECREASE IATS?

Temperature and volume of air supplied to your vehicles engine that is compressed by the turbo charger, has a better effect on performance when cool, as this is to provide the engine with more oxygen (denser air), thus improving the combustion in each cylinder. In addition, by regulating and reducing the air temperature, it also increases the reliability of an engine by keeping the AFRs (Air Fuel Ratios) in each cylinder at a safe level; this in-turn, can **increase an engines power** due to the air being cooler. A bigger bang is then created within the cylinder, providing the correct amount of fuel is added. This can equate to an increase in BHP and torque. Manufactured in-house, and expertly welded together by our highly skilled

---

craftsmen, this kit gives us the confidence to offer a **lifetime warranty** on all the hardware included.

During dyno testing, we tried several filter configurations and settled to give the customer the choice between our polyurethane PRORAM pleated filter, or alternatively our foam option that has been exclusively manufactured by Pipercross, neither filter excelled over the other with results being almost identical throughout the rev range. Both the filters offered can be oiled by the end user to prevent