

Link do produktu: <https://bizongarage.pl/turbo-inlet-for-hyundai-i20n-p-41274.html>

Turbo Inlet for Hyundai i20N



Cena brutto	1 462,93 zł
Cena netto	1 462,93 zł
Dostępność	Na zamówienie
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Opis produktu

With Forge Motorsport **leading the way** in aftermarket products for the Hyundai N division vehicles, we are proud to present our **Turbo Inlet Adaptor** and **Intake Tract** for the **Hyundai i20N**. The kit is a full **plug and play solution**, with a replacement **cast turbo inlet adaptor**, **CNC machined hose couplers**, and a **silicone high flow inlet hose**. Available in a choice of Black, Red, and Performance Blue, the TIA11 will not only increase your Hyundai's performance, but it also transforms the look and aesthetics of your vehicle's engine bay.

The size of the inlet elbow has increased **by over 170%** to maximise the amount of air that can physically flow to the turbo from the inlet tract. The OEM factory alloy cast elbow is small, so we knew that this would be the key component to target as tuners start to increase the boost levels and performance output of the 1.6l turbocharged combustion engine. As well as this, the plastic OEM inlet hose has ribs and steps within the bore, causing detrimental turbulence while disturbing and slowing the airflow. By removing the ribs and steps, the larger Forge Motorsport silicone turbo inlet hose reduces the amount of turbulence over the standard item, enabling better airflow.

Why do we use silicone?

In the development process we tested an oversized aluminium pipe and found that it started to show signs of heat soak, this had a detriment to the impressive initial power gains. We also found after the third pull on the Dyno, the alloy pipe conducted too much heat on this application and started to decrease the gains. When using silicone, heat cannot be conducted as well, therefore even after six pulls, the silicone hose stayed at a steady temperature and did not decrease the power whatsoever.

The inlet pipe fits directly to the factory airbox along with our [FMINDK45](#) performance intake solution.

The turbo inlet adaptor improves your vehicles airflow in several ways; designed in a similar way to a conventional velocity stack, it routes the air directly into your turbo charger and allows more air to be compressed due to its larger capacity, this has a positive effect when accelerating your vehicle after long deceleration, or in-between gear changes, due to more air being kept within the intake system.

Dyno Results

Testing was completed using [Performance Remap](#) in Gloucester with their VTEC 4-wheel drive dynamometer, this was to ensure all our data is