

Link do produktu: <https://bizongarage.pl/intercooler-for-toyota-corolla-gr-p-41308.html>

Intercooler for Toyota Corolla GR



Cena brutto	5 625,82 zł
Cena netto	5 625,82 zł
Dostępność	Na zamówienie
Numer katalogowy	379177499
Kod producenta	FMINT34
Kod EAN	5056721243139

Opis produktu

- **Gains of 10bhp and 10lbft**
- **Temperature drops of up to 20C**
- Reduced turbo lag, increased response
- Greater overall surface area for greater heat dissipation
- Utilising a **race specification Tube and fin** construction air core
- High flow cast end tanks ensuring optimum air transition for cooling efficiency
- Dyno proven horsepower and torque gains
- **A smoother power curve**
- Volumetric increase of more than **100%**
- Frontal area increase of over **40%**
- Includes necessary hardware and [instructions](#) for installation
- Lifetime warranty

Following on from our successful launch and testing of our intercooler designed for the Yaris GR our customers reached out to us for a cooling solution for the Corolla GR. FMINT34 is a performance intercooler for the Toyota Corolla GR. This part replaces OEM part number **JD127000-1451**.

The Corolla GR is currently not available for the UK market so we worked closely with our [USA branch](#) to bring a solution to market that has been designed at our headquarters in Gloucester UK. Throughout the development process we have strived to improve the efficiency and performance of the Corolla GR's engine; our project brief was to develop an intercooler utilizing all the available space available in the original position of the OEM intercooler, and to ensure the inlet air temperature is reduced, without any negative effects on the boost pressure or engine and transmission cooling.

Using a combination of scanning software and traditional measuring methods the design was created. This was then fine

tuned by our flow dynamics simulations team (CFD), and the end tanks were initially created by 3D printers. We then alloy cast our first prototypes from our 3D prints using a sand casting technique and started the testing procedure on several types of intercooler cores.

In order to fit the designed intercooler to the Corolla GR's platform we designed spacers to fit behind the Corolla GRs OEM crash bar, this results in no cutting of the vehicle and ensures the modification is 100% reversible along with helping to fit the deepest performance core behind the GRs OEM bumper. The spacers are manufactured from 6082 aerospace billet alloy and anodized for surface protection and longevity. The first iteration fitted the vehicle perfectly, however our technicians and engineers felt the inlet and outlet should be enlarged along with providing the end user with the necessary boost pipes to ensure flow was maximized