

Australia



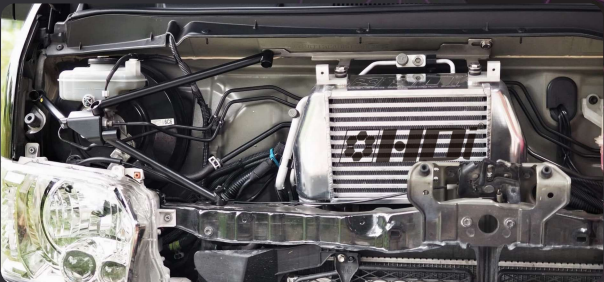
INNOVATIVE PERFORMANCE PARTS

**INNOVATIVE
PERFORMANCE PARTS**



INNOVATIVE PERFORMANCE PARTS

Proudly Australian High Performance Products



Since 1966

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Experience the Best in Vehicle Cooling Technology

With over a decade of experience and thousands of units sold worldwide, HDi offers expert intercooler kits that improve vehicle performance and fuel efficiency. Their lightweight yet durable kits are designed for optimal airflow and cooling. Dyno tested, the kits reduce pressure drop while boosting torque and power across the RPM range for various car models.

Installation is simple, requiring minimal tools. The diesel range withstands high boost to ensure longevity. Compatible accessories include winches and bull bars. Pictures and instructions online document power increases, better efficiency, and enhanced throttle response through consistent results.

Trust HDi intercooler kits for a guaranteed performance boost, available from registered dealers and workshops.

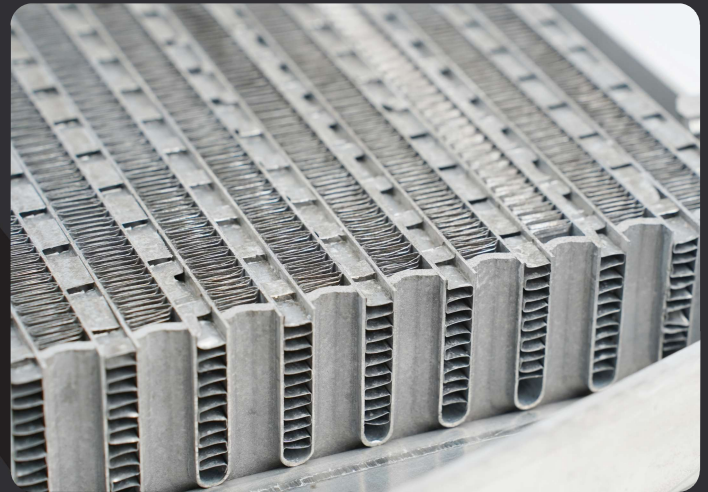
Web: www.hybrid-power.com
Email address: service@hybrid-power.com
Ph: +61 2 9620 7388

HDI Intercooler finishing

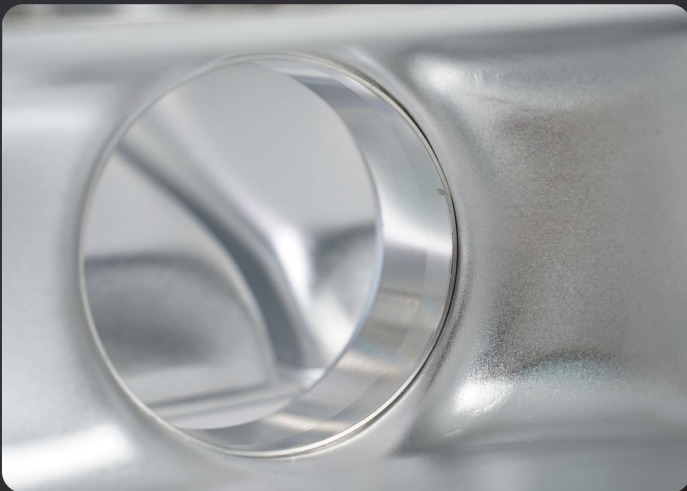
best surface finishing for heat reflection



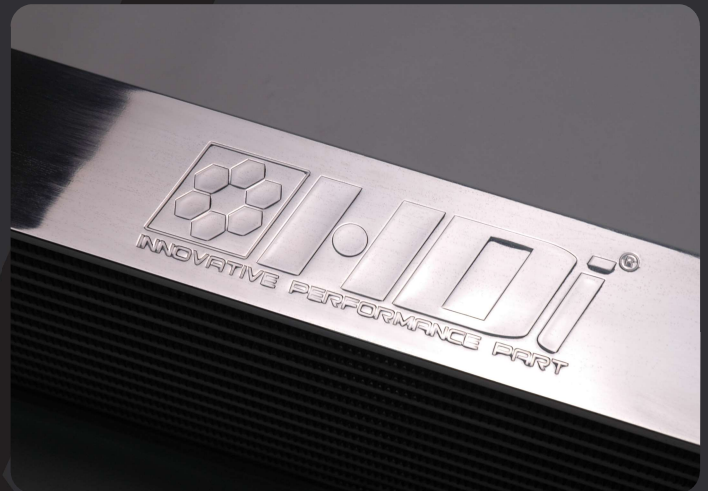
Superior Artistry in Finishing - Our Standard Finishing Exceeds Industry Norms



High-Performance HDi Pro Race GT2 Core - Exceptionally High Fin Density for Unrivaled Performance and Quality



Precision-Engineered Billet CNC Ports - Intricately Designed for Optimal Intake Transition



Authenticity Guaranteed - Not Just Stickers or Riveted Plates, Our 300-ton Pressed Logo is the Ultimate Stamp of Genuine Quality



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HDI HIGH PRESSURE CLAMPS

HDI HIGH PRESSURE CLAMPS



Award-Winning and Patent-Registered: Our comprehensive range of New Billet CNC-ed high-pressure connectors is the most extensive in the industry. We are continuously developing more sizes to meet your needs.

Ideal for High-Pressure Applications: These connectors are perfect for high-pressure, high-temperature gas and fluid connections where a quick release and maximum internal flow are essential.

HDI HIGH PRESSURE CLAMPS SIZES RANGE FROM 1.0" - 5.0"

Key Benefits:

Enhanced Aesthetics--Our connectors are elegantly designed to uplift the presentation of your engine bay, especially when paired with heavily modified components.

Innovative Design--Our connectors feature a simple yet highly reliable and functional design. They are low-profile, with no hinges or bulky shackle locks, ensuring seamless integration into your system.

Double O-Ring Design--Our double O-ring design ensures perfect sealing for both air and liquid applications.



Material Versatility--Our connectors are available in a variety of materials, including aluminum, stainless steel, and titanium, to suit your specific requirements

Customizable Design-- We offer custom design options, including a range of colors and the ability to incorporate your logo, to ensure our connectors perfectly match your brand identity.

HDI INTERCOOLER KIT FOR FORD

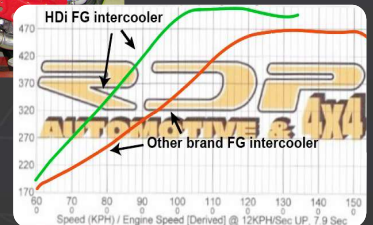
HDi Intercooler Kit for Ford Falcon FG XR6 and Falcon BA/BF XR6



Unleash the full potential of your Ford FG with the HDi FG XR6 Stage 3 Package. This transformational kit enhances the intake system of the FG XR6 engine, relocating the air filter to the driver's side to minimize intake drag and deliver a distinct sporty sound upon acceleration. It also offers an optional big flow throttle body hose to further eliminate restrictions.

Key Features:

- **Ingeniously Designed:** The largest size you can fit without structural cutting.
- **Exclusive Lightweight HDi GT2 440 Pro Intercooler:** Boasts an ultra-efficient Tub & Fin performance GT2 Core weighing only 6.2 kg.
- **Proven Performance:** Over 1,000 satisfied customers nationwide can attest to our guaranteed performance.
- **Patented and Award-Winning HDi Clamp:** Ensures minimal flow disruption and elegant presentation.
- **Exclusive HDi Design Side Tanks:** Uniquely crafted from a single high-quality aluminum piece, not welded halves or multiple sheet metals.
- **Polished Finishing:** Optimal mirror finish for maximum heat radiation reflection. Inquire about our special package deal exclusive to HDi dealers - the Stage 3 kit comes with battery relocation and a Big Flow 4" air intake filter kit!



HDI INTERCOOLER KIT FOR FORD



Enhanced Ford Territory Stage 3

The HDi Turbo Territory Pro Intercooler Kit Stage 3, equipped with a GT2 390 Pro intercooler and a 4-inch dual inlet performance air filter, guarantees a 6 psi pressure drop elimination, minimizes restriction from the extended standard intake pipe, and instantaneously amplifies power by over 35 horsepower.

And complete with all necessary parts, substantially improves intake efficiency for your Territory, making it ideal for modified engine applications. Dyno-proven and performance assured.



Upgraded Ford Focus XR5 ST

The HDi GT2440 PRO intercooler kit for the Ford FOCUS ST XR5 is fitted with an extensive HDi GT2 440 Pro intercooler that enhances the performance of the Ba/Bf/FG Falcon models. It boosts performance and fuel economy, providing superior throttle response, increased torque and power, lower temperatures, improved fuel efficiency, and a consistent power increment. Its design is suitable for high boost applications and ensures optimal airflow to the radiator. Experience immediate power gain!



Ford Falcon BA/BF XR6 Crossover Pipe

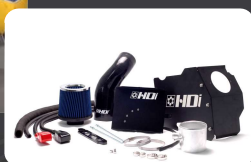
The HDi BA/BF crossover pipe is specifically designed for Ford BA/BF turbo with HDi Intercooler Kit or other intercooler kits. With the largest surface area compared to other market versions, it includes all parts with the BOV port. It boasts the largest cross-section area on the market and is vibration-free.

This pipe replaces the factory restrictive crossover pipe. (Comparison picture to be added).



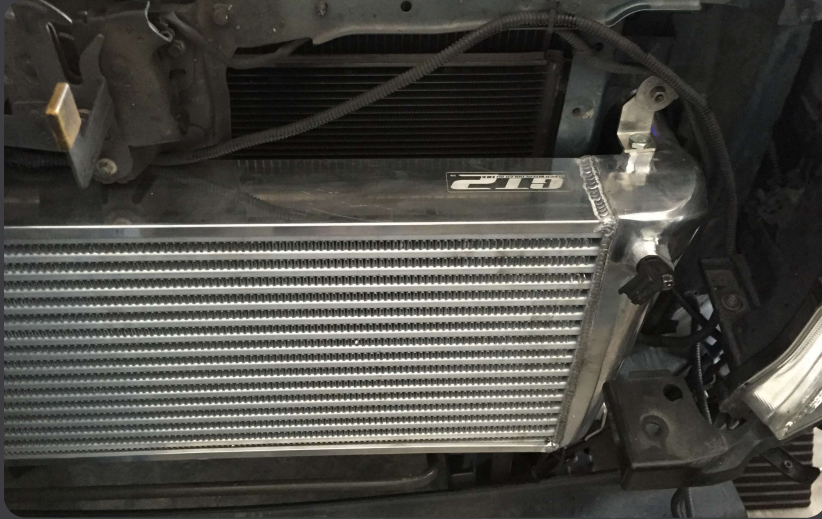
Ford Falcon FG XR6 (BA/BF XR6) Air Flow & Battery Rel

The HDi largest flow XR6 throttle body inlet Hose kit and battery relocation kit are specifically designed for highly modified FG (BA/BF) XR6 vehicles. Installation is quick and easy, requiring minimal tools and taking only 20-30 minutes on average



HDI INTERCOOLER KIT FOR FORD

HDI Intercooler Kit for Ford Ranger PX1/PX2/PX3 and Mazda BT50



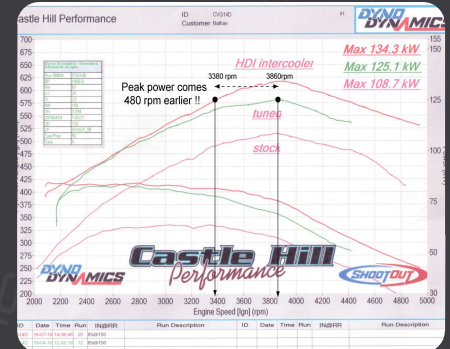
The HDi Ford PX1 and PX2 Intercooler Kit for Ford Range and Mazda BT50, expertly designed with Fluid Dynamic principles for optimal performance. Our unique design eliminates the need for welded multiple sheet metals, enhancing flow and boosting cooling efficiency through the innovative HDi GT2 core. A Perfect combo with HDi Pro ATF



cooler kit for 4WD and heavy towing where extra power and fuel efficiency are need .

Key Features:

- Lightweight Design: For ease of installation and optimal performance.
- Precision Fit: Ensures seamless integration with your vehicle.
- Significant Pressure Drop Reduction: Enhances engine efficiency and performance.
- Improved Throttle Response: For a smoother, more responsive drive.
- Enhanced Low RPM Torque: Boosts power when you need it most.
- Early Maximum Power: Achieve peak power approximately 300 RPM earlier.
- Perfect Pairing: Ideal when combined with the HDi ATF Cooling Kit.



Ford Ranger PX1/PX2/PX3 ATF Cooler Kit

Our comprehensive HDi Automatic Transmission Cooling Kit for the Ford Ranger and Mazda Bt50 is meticulously engineered to maintain optimal ATF oil temperatures, making it an essential addition for heavy towing or under significant load conditions. Proven testing indicates a decrease in peak temperatures by 10-15 degrees Celsius

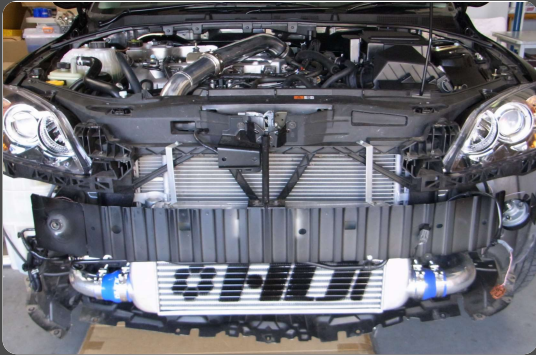


Key Advantages:

- Authentic High-Performance HDi 28-row, 50mm Oil Cooler - Exceptional volume capacity and cooling efficiency guaranteed!
- One-Piece Stainless Steel Cooler Mount - Simplifies installation and safeguards the ATF cooler against potential damage from chassis twist!
- AN8 Fittings – Large diameter cooler hose ensures minimal transmission pressure loss!

HDI INTERCOOLER KIT FOR MAZDA

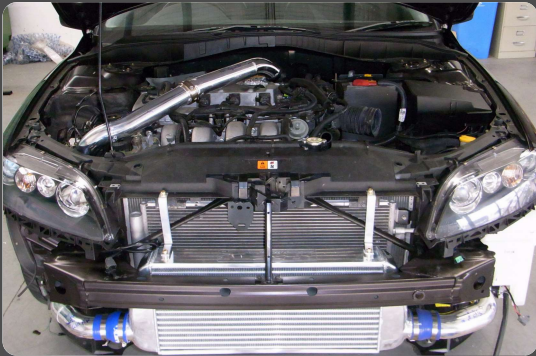
Mazda Speed MPS3 BK/BL and MPS6



The HDI Intercooler Kit is a high-performance, lightweight GT2 Pro designed specifically for Mazda Speed MPS3 BK/BL and Mazda Speed MPS6. This kit is another testament to HDI's commitment to superior performance, featuring our award-winning HDI Clamps, and enjoying the confidence of over 900 global users.



The GT2 Pro Intercooler provides improved cooling and reduced lag, optimizing lower intake temperatures to boost engine efficiency.

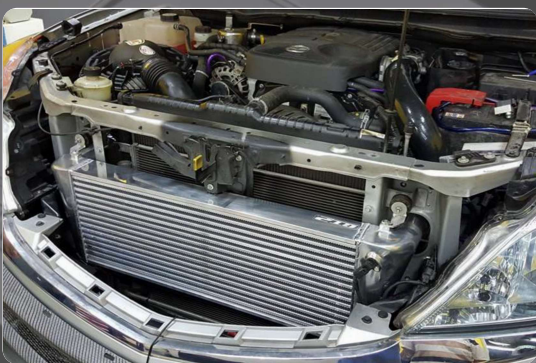


This efficiency is achieved by harnessing extra oxygen from low intake that enhances performance and efficiency through precise fuel and ignition tuning. The kit's effectiveness is not just a claim, but a guarantee, backed by dynamometer testing. For the Mazda Speed MPS6, the kit's design and functionality



are specifically tailored to maximize cooling effects, thereby enhancing engine performance and efficiency.

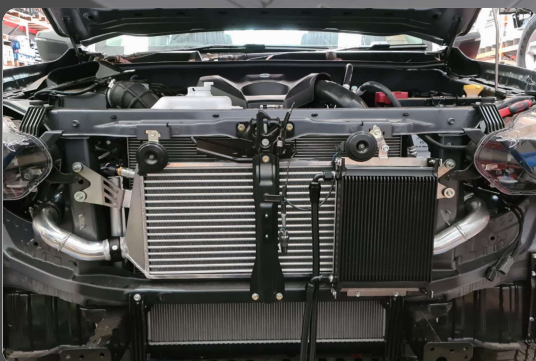
Mazda BT-50 3.2/2.2 & 2020 -Now 3.0 version



The HDi Mazda BT-50 Intercooler Kit for Mazda BT50 2.2/3.2 version, expertly designed with Fluid Dynamic principles for optimal performance. Our unique design eliminates the need for welded multiple sheet metals, enhancing flow and boosting cooling efficiency through the innovative HDi GT2 core. A



Perfect combo with HDi Pro ATF cooler kit for 4WD and heavy towing where extra power and fuel efficiency are need .



The New HDi Mazda BT-50 2020 version Intercooler Kit for Mazda BT50 20- now 3.0 version, expertly designed with Fluid Dynamic principles for optimal performance. Our unique design eliminates the need for welded multiple sheet metals, enhancing flow and boosting cooling efficiency through the innovative HDi GT2 core. A



Perfect combo with HDi Pro ATF cooler kit for 4WD and heavy towing where extra power and fuel efficiency are need .

HDI TOYOTA INTERCOOLER KIT

Toyota Hiace 1KD/2KD

Introduces our new Diesel product line, featuring an advanced range of HDi Toyota Intercooler Kits. The HDi Hiace GT2 intercooler kit for Toyota Hiace 1KD/2KD is an enhanced Version 2 product, incorporating advanced manufacturing techniques and design for dynamic improvements. It offers increased intercooler efficiency and pressure drop reduction, despite the limited location space in a Hiace. It features a polished surface finish, CNC machined one-piece aluminum port, faster turbo response, and improved fuel economy.



Toyota Hilux Version 7

We present the HDi front mount intercooler kit upgrade. This kit transforms the inefficient top mount on Version 7 Hilux to a front mount position, offering a larger cooling surface area. It is designed to increase power and torque, backed by dyno testing, and is constructed with durable 5-layer Normex reinforced Silicone. It enhances throttle response and torque, and is compatible with winches and bull bars.



Toyota Hilux Version 8

Our offering for the Toyota Hilux Version 8 is the HDi front mount intercooler kit upgrade. It features a high-quality Aluminum construction, replacing the smaller, part aluminum, part plastic OEM intercooler and the normal rubber hoses. This kit also comes with quick release adapters and durable Normex oil resistive and steel reinforced 5-layer Silicone. It enhances throttle response and torque, and is compatible with winches and bull bars.





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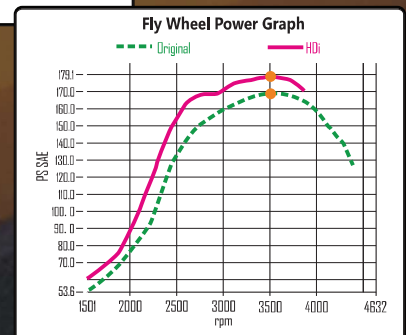
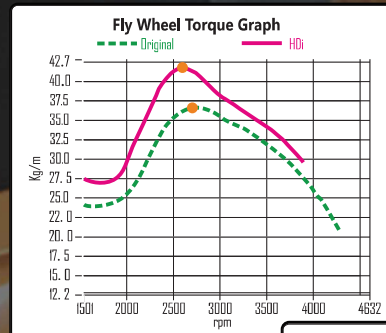
HDI VW TRANSPORTER T5/T6 INTERCOOLER KIT



Experience a range of key benefits with our intercooler kit:

- improved throttle response,
- increased power and torque from low RPM,
- reduced inlet and outlet temperatures,
- enhanced fuel efficiency,
- unique oil drainage and boost gauge ports.
- The flow area and flow rate are increased by over 115% and 185% respectively,
- promising a power increase of 9-15 hp.
- Additionally, you'll notice a significant improvement in throttle response, with peak boost and peak torque manifesting 220-350 rpm earlier.

The HDi VW Transporter T5/T6 Intercooler Kit – a groundbreaking product that redefines the standards of cooling technology. This complete intercooler kit, part of our T5 GT2 line, has been meticulously designed and rigorously tested against both OEM and larger intercoolers, proving that size isn't everything in cooling technology. Our innovative design has inspired a new wave of products across many companies, underscoring the influence and effectiveness of our design principles. The HDi VW Transporter intercooler kit enhances performance and promotes fuel efficiency by optimizing airflow. Its GT2 Tube and fin design is built to withstand high boost in diesel applications. The kit comes complete with all necessary fittings, brackets, an oil drain plug, and unique ports for boost gauge fitting.



HDI HYUNIDAI STAREX H1 IMAX INTERCOOLER KIT

The HDi Hyundai H1 Starex/iLoad GT2 comprehensive intercooler kit is expertly designed to supplant the standard factory unit, significantly enhancing performance and airflow while simultaneously reducing fuel consumption. This is particularly beneficial for heavy load delivery situations, where frequent stop-and-go and long-distance driving are routine. Specifically crafted to endure high boost in diesel applications, this kit offers a minimal pressure drop, an expanded torque range, decreased inlet temperatures, and augmented performance.



HDI INTERCOOLER KIT FOR NISSAN & ISUZU

Nissan Navara Np300 D23



Introducing our groundbreaking HDi GT2 580 Navara 2.3L NP300 Intercooler kit, designed specifically for the Nissan Navara NP300 D23. This industry-leading kit significantly enhances throttle response, power, and torque, setting a new standard in performance upgrades. The HDi GT2 core measures 300x600x76mm, optimizing efficiency and power output. Our Industry first unique V-Mounted configuration minimizes the intake entry restriction, and the bolt-on design ensures an effortless installation without the need for heater hose removal or modification.



Further enhance your vehicle's performance with our Navara NP300/Mercedes X Class 250D Intercooler Hose Upgrade Kit. These high-performance hoses, specifically designed for 2015 to early 2020 models, can withstand pressures up to 180psi. The innovative Dual Viton O-rings design offers unmatched leakage protection, while the flow-matching ports ensure unrestricted flow.



Introducing our HDi GT2 580 Navara 2.3L NP300 Intercooler Silicon hose kit specifically for the Nissan Navara NP300 D23

Isuzu D-MAX Gen3 /MU-X Gen2



For the Isuzu D-MAX 2021 Gen3/MU-X Gen2, we offer the HDi GT2 Intercooler kit. This kit features a high-efficiency, full aluminum tube and fin core, providing an unparalleled upgrade to throttle response, power, and torque. Key features include winch compatibility, a special steel-reinforced 5-layer Nomex oil and heat-resistant layer, and improved fuel efficiency. This makes it the ideal upgrade for towing and 4WD applications, offering enhanced performance and reliability.



HDI INTERCOOLER KIT FOR Classic JDM



Subaru GDG WRX

PART#: IK-GDG-GT2-PRO



Mitsubishi EV0456

PART#: IK-EV0456-GT2



Subaru GRF WRX

PART#: IK-GRF-GT2-PRO



Mitsubishi EV0789

PART#: IK-EV0789-GT2



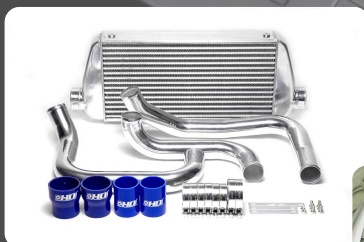
Subaru Legacy B4

PART#: IK-LEGACY-GT2



Mitsubishi VR4

PART#: IK-VR4-GT2



Nissan GTS Skyline

PART#: IK-GTS-GT2



Nissan Silvia S14/15

PART#: IK-S1415-GT2



HDI INTERCOOLER KIT FOR JDM Classic



Nissan 180SX SR20

PART#: IK-NS13-GT2



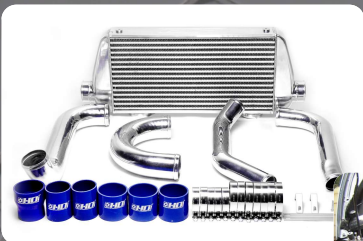
Nissan Silvia CA18

PART#: IK-S13-GT2



Toyota Starlet ep82/91

PART#: IK-EP91-X01-R



Toyota Supra jza80

PART#: IK-S80-GT2



Toyota Chaser jza100

PART#: IK-JZA100-GT2



The HDi JDM Classic Intercooler Kit is a true testament to our longstanding presence and expertise in the JDM market. For over two decades, since 1996, HDi has been at the forefront of producing high-quality JDM intercoolers. Our commitment to excellence and innovation has allowed us to offer the most comprehensive range of intercoolers, catering to the diverse needs of our customers.

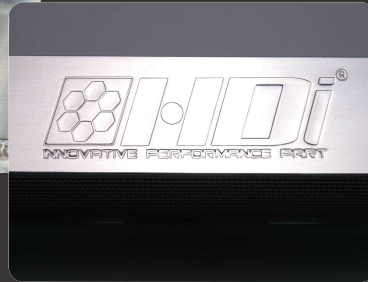
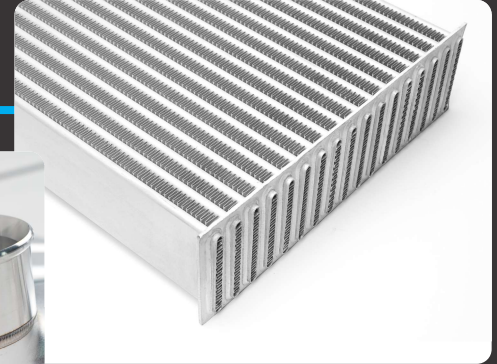
As enthusiasts ourselves, we understand the ever-changing landscape of the automotive industry and the importance of staying ahead of the curve. This is why we are not only still in production, but we are also continuously evolving our offerings to incorporate the latest GT2 intercooler technology. Our dedication to pushing the boundaries of intercooler design and performance sets us apart as a leader in the industry.

When you choose HDi, you can trust that you are getting a blend of classic design and cutting-edge technology in your JDM intercoolers. Our commitment to quality and customer satisfaction is unwavering, and we are proud to continue our legacy of excellence in the JDM market.

Whether you are a seasoned JDM enthusiast or a newcomer to the scene, the HDi JDM Classic Intercooler Kit is a reliable and high-performance choice for your vehicle. Experience the difference that our years of expertise and dedication to innovation can make in your JDM experience. Choose HDi for a classic yet modern approach to intercooler technology.

HDi FABRICATORS SUPPORT

Our extensive product range includes GT2/GTRS2 intercooler cores, side tanks, connection ports.



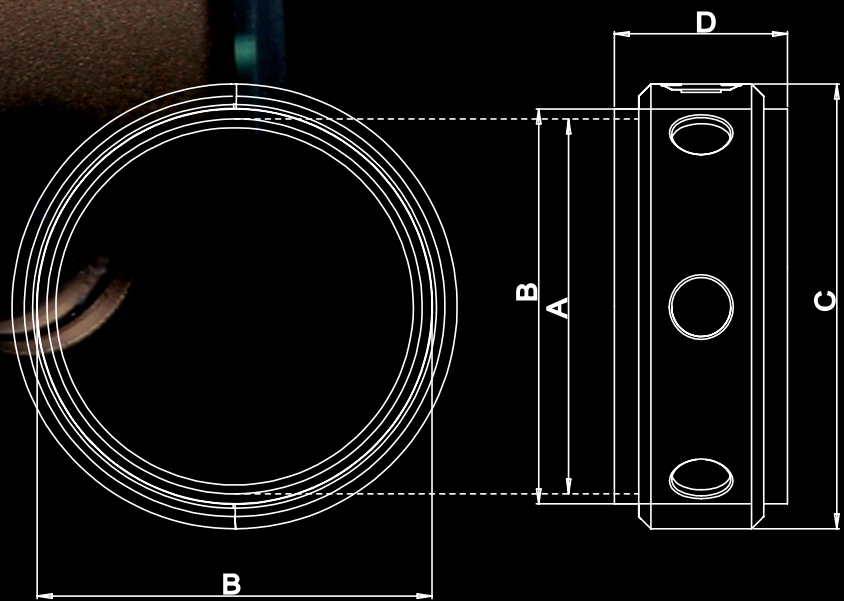
Moreover, we offer superior engineering design and manufacturing services, facilitated by our high-tech manufacturing facility equipped with 5-axis CNC machinery

HDi clamps, and billet CNC adaptors, among others. laser cutting, 3D scanning, and 3D printing technologies, just to name a few.



At HDi Fabrication, we express our sincere gratitude for the unwavering support from our dedicated dealers. To meet the growing demand for our HDi GT2 intercooler components, we are now empowering you to customize these components to suit your specific needs. Recognizing the uniqueness of each job, we understand the importance of delivering special, tailor-made solutions to your customers. As such, we've moved beyond universal intercoolers and have established a new product and service section specifically for fabricators. If you have an innovative idea that you wish to bring to the market but are concerned about imitation, we have got you covered. By integrating your ideas with our manufacturing services, they will be safeguarded by a range of registered designs and patents. For more information and updates on our services, we invite you to subscribe and register at www.huidealer.com and join our network of esteemed HDi dealers. Our services provide a cost-effective solution and long-term benefits for both dealers and customers, ensuring the highest quality and customization of products.

The HDi Clamp is constructed from lightweight yet durable T6061 aluminum, allowing it to reliably join high-pressure air or liquid conduits. With an impressive operating pressure capacity of up to 450 psi and ability to withstand temperatures over 250 degrees, the clamp features a double O-ring grooved sleeve permitting a connection angle of +/- 2 degrees. This design provides protection while maintaining flexibility and minimizing flow disruption within its smooth internal connection. An easy yet self-locking outer ring delivers maximum holding strength and prevents accidental unlocking, making the clamp suitable for various applications such as intercooler piping, cold air intakes, and turbo systems.



The HDi Clamp is designed specifically for all aspects of the Automotive Racing Industry and perfect for custom fabrication where extreme performance and reliability is need. Available in 1, 1.5, 2, 2.25, 2.5, 2.75, 3, 3.5, 4 and 5 inch diameters and custom sizes Available at top fabricators

Type of Size	<A> Inside diameter	 Outside diameter	<C> Overall diameter	<D> Total width	Weight
25mm/1.0"	25.5mm	29.2mm	40mm	35.5mm	57g
38mm/1.5"	38.5mm	42.2mm	52mm		68g
51mm/2.0"	51.5mm	55.2mm	65mm		91g
57mm/2.25"	57.5mm	61.2mm	71mm		102g
60mm	60.5mm	64.2mm	77mm		108g
63mm/2.5"	63.5mm	67.2mm	77mm		108g
70mm/2.75"	70.5mm	74.2mm	84mm		121g
76mm/3.0"	76.5mm	80.2mm	90mm		132g
80mm	80.5mm	84.2mm	94.2mm		147g
88mm/3.5"	88.5mm	92.2mm	104.5mm		155g
100mm/4.0"	100.5mm	104.2mm	116.5mm		172g
128mm/5.0"	128.5mm	132.2mm	143.5mm		258g

Maximum operating pressure: 450 psi, Temperature: 150 Degree C