



2JZ IRON EAGLE

Few engines have left as profound of an impact on the world of performance as the 2J platform, and Dart has identified a significant void in the legendary inline-six performance platform's needs. Introducing a completely new and improved design over OEM blocks that promises to take the most popular sport compact platform in the world to the next level!

Scheduled for release January 2024, our 2JZ Iron blocks come equipped with significantly improved features such as Siamese cylinder bores, a robust four-bolt steel main cap configuration, and an increased deck thickness – all meticulously engineered to ensure success during high-performance operation. With a comprehensive overhaul of the crank structure and reimagined coolant passages, there has never been a stronger 2J block available.

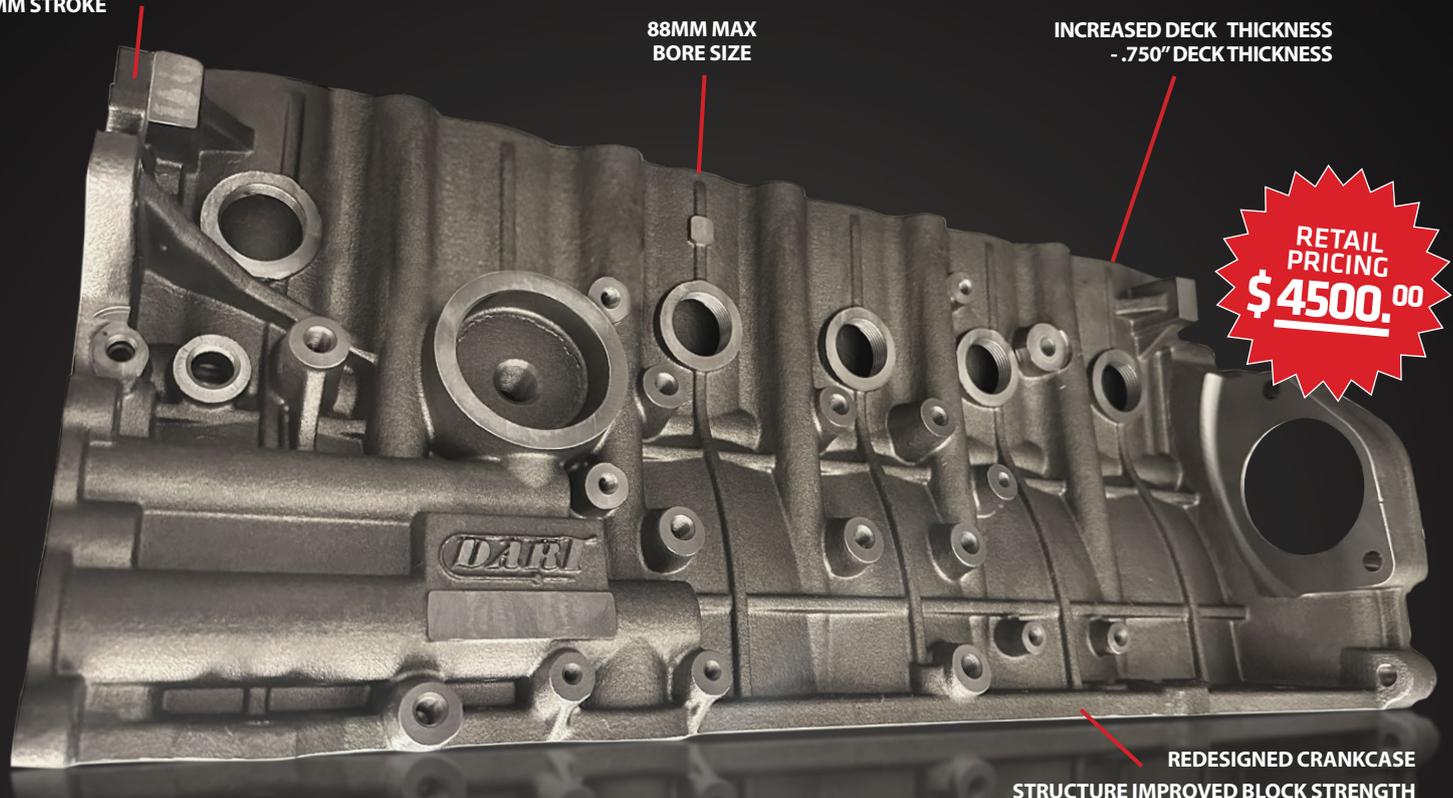
- Siamese cylinder bores with extra thick walls
- Billet steel 4 bolt main caps 1-6, 12mm/10mm main studs standard
- Extra thick outer block case, for increased strength under high HP levels
- Scalloped water jackets increase flow around cylinders for better cooling
- Revised oil passage location, for better flow and clearance with 94mm stroke
- Can be machined for clearance for 94mm stroke w/ aluminum rods
- All OE bolt holes for starter, water pump, etc
- Blind head bolt holes available in 11mm standard or 1/2" upgrade



CAN BE MACHINED TO ACCEPT
94MM STROKE

88MM MAX
BORE SIZE

INCREASED DECK THICKNESS
- .750" DECK THICKNESS



REDESIGNED CRANKCASE
STRUCTURE IMPROVED BLOCK STRENGTH



TOYOTA 2JZ IRON CAST IRON ENGINE BLOCKS

BILLET
HEMI®
SBF
BBC
LS
SBC
ACCESS
MANIFOLDS
HEADS
BLOCKS
TOP END KITS
SHORT BLOCKS

QUICK INFO >>>

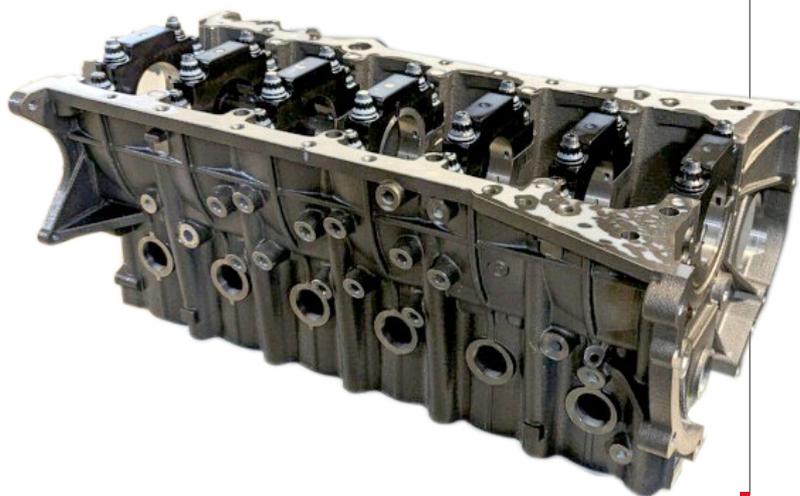
Designed from a clean slate approach the Iron Eagle block has addressed the shortcomings of the Toyota 2JZ platform and is the ideal candidate for hot rodders, drag racers, time attack competitors, drifters, and high performance street enthusiasts.

Based off the ever so popular OEM Toyota 2JZ engine platform, Dart has taken a proven engine block, and made it even better. Revising the main caps from the 2 bolt cap design, to a 4 bolt cap design on 1-6 caps. Dart has increased the crankcase strength, providing a block that will work in 2000HP+ applications. We did not stop there, we revised and increased the cylinder wall, block deck, and outer case wall thicknesses, to help eliminate any failures under high boost applications.

FEATURES

- Siamese cylinder bores with extra thick walls.
- Extra thick decks ensure reliable head gasket seal.
- Extra thick outer block case, for increased strength under high HP levels.
- Blind head bolt holes available in 11mm standard or 1/2" upgrade.
- Scalloped water jackets increase flow around cylinders for better cooling.
- Machined for screw-in style freeze plugs.
- Revised oil passage location, for better flow and clearance with 94mm stroke.
- Machined for piston oilers.
- Can be machined for clearance for 94mm stroke w/ aluminum rods.
- Billet steel 4 bolt main caps 1-6, 12mm/10mm main studs standard.
- All OE bolt holes for starter, water pump, etc.
- Parts kit included

NEW



IRON EAGLE - TOYOTA - 2JZ

PART NO.	DESCRIPTION	CAPS	MAINS	DECK	BORE
31011010	Iron Eagle Toyota 2JZ	Steel	2.5992"	8.625"	86mm

IRON EAGLE SPECS

Material:	220 BHN Cast Iron
Deck Heights:	8.625"
Cylinder Bores:	86mm (88mm Max)
Main Bearings:	Stock
Main Caps:	Billet Steel 4-bolt 1-6
Freezer Plugs:	Screw-In
Rear Seal:	Stock
Weight:	call