

## What's new !!

## TOYOTA 2ZZ 1933cc CAPACITY UP KIT

WITHOUT COMPROMISE



## KIT Contents

φ82.00×91.5mm 1933cc 13001-2ZZ-000-I

- ① TODA Forged Piston KIT (φ82.00mm High comp spec)
- ② SPL Crankshaft (Long stroke · High accuracy dynamic balanced)
- ③ I section chrome molly connecting-rods (Fully floating with Bush & Balanced)
- ④ Connecting-rod bearings (Bearing clearance has been adjusted)

※ 1ZZ flywheel is required.



## KIT Contents

φ82.00×91.5mm 1933cc 13001-2ZZ-T00-I

- ① TODA Forged Piston KIT (φ82.00mm Low comp spec)
- ② SPL Crankshaft (Long stroke · High accuracy dynamic balanced)
- ③ I section chrome molly connecting-rods (Fully floating with Bush & Balanced)
- ④ Connecting-rod bearings (Bearing clearance has been adjusted)

※ 1ZZ flywheel is required.

## TOYOTA 2ZZ CAPACITY UP KIT

Engine Type	Bore×Stroke	Displacement	Crown Volume <sup>※1</sup>	Projection Height <sup>※2</sup>	Part No	Price (Set)	Reference C/R <sup>※3</sup>	Note
2ZZ(ZZT231) 1933KIT NA	φ82.00×91.5mm	1933cc	+1.5cc/-0.34cc	-0.35mm	13001-2ZZ-000-I	¥470,000	Standard headGKt=0.7mmξ≒12.0 :1	I section strengthened connecting-rods are included.
					TODA KIT + TODA 1ZZ Flywheel	¥500,000		
(TURBO/SC)	φ82.00×91.5mm	1933cc	-11.5cc/-13.38cc	-0.35mm	13001-2ZZ-T00-I	¥470,000	Standard headGKt=0.7mmξ≒9.5 :1	I section strengthened connecting-rods are included.
					TODA KIT + TODA 1ZZ Flywheel	¥500,000		

※1 Crown volume is measured "from the piston shoulder" / "from the deck of the block". ※2 Piston shoulder height is measured from the deck of the block.  
 ※3 The compression ratios given above are only to be taken as a guide, measurements are required.

The 2ZZ 1933cc Capacity Up Kit is released for the Toyota ZZT231 engine. Retaining its original bore size but extending its stroke from 85 to 91.5mm to give a displacement of 1933cc. Other cars using the 2ZZ engine can also benefit from the improved performance. Two versions have been designed a high compression version for normally aspirated 2ZZ engines, and a low compression version for the 2ZZ engine using either a turbo or supercharger.

Please use according to your requirements. Connecting rod bearing clearance is measured and set by our highly skilled technicians. Toyota's 1ZZ flywheel must be used. The clutch disc and plate of the 2ZZ can still be used.

"2ZZ TODA Heavy Duty Oil Pump" designed to replace the standard oil-pump with improved material and finish.

Recommended for any body either sports driving or circuit driving.

2ZZ 1933 KIT NA KIT 13001-2ZZ-000-I Price 470,000yen  
 2ZZ 1933 KIT Low Comp KIT 13001-2ZZ-T00-I Price 470,000yen



## 2ZZ TODA Heavy Duty Oil Pump

High quality material and an all machine finish. Can help to prevent the outer gear from breaking under high revolutions.

2ZZ Heavy Duty Oil Pump 15131-2ZZ-000 Price 35,000yen.