

4K ENGINE TUNING PARTS

4K Reinforced clutch & lightweight flywheel SET

(A-type NISMO clutch cover)



We have designed and manufactured a flywheel that can use the clutch cover for the Nissan Sunny A-type instead of the 4K clutch, which is now difficult to obtain. In addition, the clutch disc is made of a lightweight metal disc that is heat-resistant and wear-resistant, and has a small moment of inertia, allowing for quick shifting.

1set ¥115,000

Set

Contents : Flywheel Chromoly lightweight 3.2kg
Clutch cover for Nissan A-type (NISMO) with 450k pressure
Metal damper Clutch disc

Single Part

- 4K chromium lightweight flywheel (R type) **¥54,000**
- A-type NISMO clutch cover modified **¥30,000**
- Metal clutch disc with 4K damper **¥36,000**

*All of these individual parts are exclusive parts for the 4K reinforced clutch kit.
Please note that this product is not compatible with other products.

4K Camshaft Processing



Cam processing cost
¥50,000

Action angle Lift

70°	7.0mm
74°	7.0mm
76°	7.0mm
78°	7-7.5mm
80°	7.5mm
82°	7.5mm

*It will take approximately 2-3 weeks to process your original camshaft.

Note) Depending on the action angle and central angle, the camshaft base circle may become narrower, causing the valve lifter and the camshaft casting surface to come into contact. In that case, a separate relief machining is required.

Relief machining cost: ¥10,000

4K plated mechanical hole cover



Specifications: Chrome plated
finish Accessories: Gasket and stainless
steel bolts

Price: **¥5,000**

TOYOTA Engine Service Information

Note: The above information is for standard engines as described in Toyota's maintenance manual. The tightening torque may differ for tuned engines.

4K Main part tightening torque

Fastening points	Tightening torque (kg-cm)
<div style="border: 1px dashed black; padding: 2px;">Cylinder block</div> × Cylinder head × Crankshaft bearing cap	540-660 540-660
<div style="border: 1px dashed black; padding: 2px;">Cylinder Head</div> × Manifold × Spark plug × Head cover	200-300 150-200 20- 30
<div style="border: 1px dashed black; padding: 2px;">Crankshaft</div> × Flywheel × Crankshaft pulley	540-660 450-650
Connecting rod x connecting rod cap	400-520
Camshaft x Camshaft Timing Gear Camshaft thrust plate x cylinder block	540-660 60- 90
Chain tensioner No.1 x Cylinder block Chain Damper No.1 x Cylinder Block	60 - 90 60 - 90
Valve lock support x cylinder head	180-240
<div style="border: 1px dashed black; padding: 2px;">Oil pan</div> × Cylinder block × Drain plug	{ Straight stud bolts (8 pieces) Step stud bolts (14 pieces)
	20-40 30-70 350-450
Timing chain cover x cylinder block	6y bolt (1 piece) 8y bolt (7 pieces)
	60 - 90 150 - 220
Oil pump x cylinder block	100-160
Oil Filter x Cartridge Guide	90-130