

Tools (engine machining and assembly related)

L-shaped rocker arm removal tool



Without loosening the pivot adjustment screw, the rocker arm
This is a dedicated L-shaped tool that allows for one-touch attachment and detachment.
Place the tool over the rear of the rocker arm.
Simply push the lever forward to easily adjust the pivot side.
It can be lifted up and then slid to the side to be attached and detached.
This will significantly reduce working time and the work
It can increase efficiency.

¥8,000

Airgrinder



¥15,000

The adapter allows the use of both 6 and 3/8 shafts, making it suitable for all polishing operations, including port polishing, combustion chamber machining, and connecting rod lightweighting.


Long carbide burr (for port polishing)(6φ shaft)



¥14,500

An indispensable tool for port polishing. With just this one tool, you can remove material from the intake and exhaust ports, as well as around the valve guides.


Carbide burr (for combustion chamber machining)(6φ shaft)



A ¥5,000
B ¥7,400

This carbide burr is ideal for modifying the complex combustion chamber shape of L-type engines, and it's all you need for working around valves and spark plugs.


Carbide burs (for connecting rod machining)



¥11,600

A cross-cut die for cutting steel is used to cut the side of the connecting rod. It can be processed. Unlike a grinder, it uses cutting, so there is less thermal deformation.

Cloth paper (230 x 280 mm)

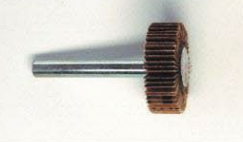


#100 #180 #240 #320 #400 #600

¥200/ sheet

Manufacturing of blocks and heads, removing substances from rocker arms.
Unlike paper, the cloth type is less likely to heat, making it ideal for polishing exhaust ports and other applications.

Small flap wheel (6φ shaft)



#80 #100 #120 ¥700

(Flap size: 30φ x 10, total length: 52)
For the final finishing of the intake port. As it gets closer to the valve...
Therefore, break it into smaller pieces.


Long flap wheel (6φ shaft)



#80 #100 #120 ¥1,200

(Flap size: 30φ x 10, total length: 100)
Convenient for polishing the inside of intake manifolds and intake ports.
Long version.


Large flap wheel (6φ shaft)



#80 #100 #120 ¥1,000

(Flap size: 50φ x 25, total length: 65)
For machining the side of connecting rods. Ideal for finishing after grinding.

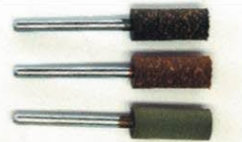
Long rubber grinding wheel (for porting) 6φ shaft



#120 #240 ¥800

(Grinding wheel size: 20φ x 25, total length: 110)
For intermediate finishing after rough machining with a carbide burr.

Rubber grinding wheel (for combustion chamber)



3φ shaft #120 #320 #400
#100 #180 #240 #320 #400 #600

¥330

(Grinding wheel size: 8φ x 20, total length: 50)
For intermediate finishing after rough machining with carbide burs. Inside connecting rod
It's also suitable for polishing.

Ceramic grinding wheel (3φ shaft)



#80 #120 #180 #220 #320
#400 #600

¥400

(Grinding wheel size: 6φ x 20mm length: 50mm)
A convenient grinding wheel for easily achieving a mirror finish on combustion chambers. Surface finishing is possible.

Felt puff (3φ shaft)



¥700

(Puff size: 13φ x 13mm length, 47mm overall)
Felt puff (6φ shaft) ¥1,000
(Puff size: 20φ x 25, total length: 60)
*For final mirror finish

Picard (paste type, 250g)



¥850

It's for polishing aluminum and is suitable for combustion chambers. It's in paste form. Simply apply it to a cloth and rub it to achieve a sufficient shine.

Blue stick



110g ¥1,000

Metal polish equivalent to approximately #2000 grit. Cranagin 8. Jack
Ideal for mirror polishing of parts such as the fuel, connecting rods, and combustion chamber.

NissanEngineBlue



¥1,500

It is resistant to oil and heat, making it ideal for painting cylinder blocks.
Genuine blue spray for users who are particular about the original factory color.

Valve spring compressor



¥7,000

(Lever type)
Valve springs and valve seals can be removed from the vehicle without removing the cylinder head. It can be exchanged.
*Use by applying air pressure through the plug hole.
(For OHC and OHV types such as L-type, A-type, and K-type)

Felt puff (3φ shaft)



¥700

(Puff size: 13φ x 13mm length, 47mm overall)
Felt puff (6φ shaft) ¥1,000
(Puff size: 20φ x 25, total length: 60)
*For final mirror finish

Picard (paste type, 250g)



¥850

It's for polishing aluminum and is suitable for combustion chambers. It's in paste form. Simply apply it to a cloth and rub it to achieve a sufficient shine.

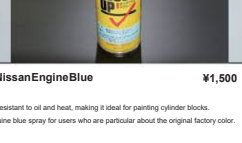
Blue stick



110g ¥1,000

Metal polish equivalent to approximately #2000 grit. Cranagin 8. Jack
Ideal for mirror polishing of parts such as the fuel, connecting rods, and combustion chamber.

NissanEngineBlue



¥1,500

It is resistant to oil and heat, making it ideal for painting cylinder blocks.
Genuine blue spray for users who are particular about the original factory color.

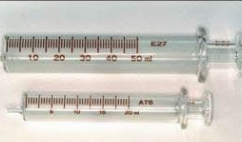
Valve spring compressor



¥7,000

(Lever type)
Valve springs and valve seals can be removed from the vehicle without removing the cylinder head. It can be exchanged.
*Use by applying air pressure through the plug hole.
(For OHC and OHV types such as L-type, A-type, and K-type)


Glass syringe (for measuring combustion chamber volume)



20cc ¥2,300 50cc ¥3,600

Head gasket thickness and head surface machining for compression ratio adjustment
An essential measuring tool for selecting quantities.

Acrylicplate for measurement



¥1,800

It can be used for measuring the volume of the combustion chamber and determining the piston top.

Valve compound (fine grade)



¥1,700

Use valve lapping compound to lap the valve and seat.
Used to break in the contact surface of the ring.

Valve octopus rod 25φ30φ35φ



¥500 each

Using a valve lapping tool, 3 depending on the valve size
There are several types available.

Valve spring compressor (lever type)



¥18,000

A lever that can compress the spring in one action.
(For OHC models such as L-type, A-type, and K-type)

Digital scale (maximum weighing capacity 1kg/units 0.5g)



¥6,900

For precise weighing of pistons, connecting rods, rocker arms, etc.
The amount of power can be lowered.
(Requires 4 D-cell batteries)

Plastigauge (4 pieces) (for measuring oil clearance)



¥3,700

Insert a Plastigauge into the gap between the metal and the crank, from top to bottom.
The distance can be measured from the degree of deformation.
(0.025-0.075 mm).

Plate-type torque wrench (20-130 N m)



¥19,400

Conventional plate type with presets that cannot be managed.
The switch of the material can also be observed. (Equivalent to 0-13 kg)
(Updated 2006.03.31)

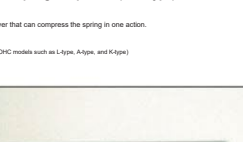
Piston ring expander (suitable for 50-100mm)



¥4,270

It can be installed safely and securely without putting stress on the piston rings.

Oilstone (for chamfering)



¥700

Piston rings, connecting rod caps, main caps
For chamfering corners, etc.

Pistonring compressor (compatible with 50-125φ)



¥2,800

The necessary for smoothly inserting the piston into the cylinder tool.


Thickness gauge



¥4,600

(0.03-1.0mm, total length: 150mm)
18-piece set of easy-to-hold long type.
Can be separated and used individually.
It can also be used to easily check clearance.

Adial gauge



¥9,000
¥1,500

It is an absolutely essential tool for valve timing.
Its 20mm stroke allows it to handle high-lift applications as well.
Even with enhancements, it responds reliably and displays the precise ignition timing.

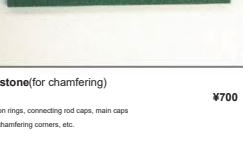
Magnetic base



¥6,000

A magnetic type, convenient for securing dial gauges.
The frame can be fixed securely without shaking.

KAMEARI Baltaprotractor



¥8,000

(200mm diameter aluminum)
The large 200mm diameter makes the markings easy to read.
The signs clearly indicate INEX-OPEN-CLOSED.
(In 1 degree increments)

Pistonring compressor (compatible with 50-125φ)



¥2,800

The necessary for smoothly inserting the piston into the cylinder tool.

Thickness gauge



¥4,600

(0.03-1.0mm, total length: 150mm)
18-piece set of easy-to-hold long type.
Can be separated and used individually.
It can also be used to easily check clearance.

Adial gauge



¥9,000
¥1,500

It is an absolutely essential tool for valve timing.
Its 20mm stroke allows it to handle high-lift applications as well.
Even with enhancements, it responds reliably and displays the precise ignition timing.

Magnetic base



¥6,000

A magnetic type, convenient for securing dial gauges.
The frame can be fixed securely without shaking.


KAMEARI Baltaprotractor



¥8,000

(200mm diameter aluminum)
The large 200mm diameter makes the markings easy to read.
The signs clearly indicate INEX-OPEN-CLOSED.
(In 1 degree increments)

L-shaped chain tensioner stopper



¥4,000

The tensioner doesn't pop out when replacing the camshaft.
An eye-clearing aid. Made of plastic, easy to insert and remove.

Clutch centering tool for Nissan vehicles



¥3,000

This eliminates the troublesome centering process when replacing the clutch.
(For L-type FJ20, CA, RB, VG, SR20, S20)

Timing light (compatible with full transistor/CDI/MDI)



¥9,850

Battery-powered type, no batteries required.
Even with enhancements, it responds reliably and displays the precise ignition timing.


liquidgasket



¥2,900

Ideal liquid for assembling engines, transmissions, and differentials.
It starts to harden about 5 minutes after being applied to the gasket.

LM48 Engine Assembly Spray



¥3,800

High-viscosity spray lubricant. For pistons, bearings, cams, etc.
Used when assembling valves and other components to maintain lubrication for extended periods.

Tools