

S20 ENGINE PARTS

S20 Reinforced Metal



We use F112 material, which is significantly stronger than the genuine F770 material. F112 metal has a proven track record in motor sports and will continue to protect your precious engine from metal troubles even under harsh conditions such as high load, high revolutions, and high temperatures.

	Product Name	Unit	Size	Base price
1	F112 Reinforced Main Metal	SET	STD	¥25,000
2	F112 Reinforced connecting rod metal	SET	STD	¥17,000
3	Thrust Metal	SET	STD	¥10,000
4	F112 (F780) Reinforced main metal	SET	0.5us	¥36,000
5	F112 (F780) Reinforced connecting rod metal	SET	0.5us	¥24,000
6	Thrust Metal	SET	0.5us	¥11,000

*The material of the 0.5us main and connecting rod metal may be F780, which has the same composition as F112.

S20 forged high compression piston



- Manufacturing method Forged
- Type High compression
- Piston diameter φ82 φ82.5 φ83
- Pin diameter x length φ22×50mm (full flow type)
- Pin height 35mm
- Piston ring thickness 1.2×1.2×2.5mm
- Valve recess depth IN 5.0mm EX4.0mm
- Connecting rod used Genuine product
- Crank used Genuine product

price: **¥180,000**
(Updated 2026.01.01)

S20 Cylinder Liner



The outer diameter, height and other dimensions of the liner are manufactured to be the same as the OEM size. No processing is required on the block side for installation. The inner diameter of the liner is semi-finished at 81.7mm, and can be adjusted to a standard size of 82φ by boring.

¥17,000 / 1 piece
*O-ring sold separately. ¥220 / 1 piece

*The outer peripheral surface is treated with a three-layer anti-rust treatment and a protective treatment to protect the surface from cavitation.

S20 Damper pulley



Features
Street damper is used to achieve excellent vibration absorption and high balance rate.
Timing memory engraved on the side of the pulley and a dedicated indicator allow for accurate ignition timing adjustment.
Bolt-on installation, compatible with genuine belt.

S20 Damper pulley single
¥50,000

S20 Damper Pulley Double
¥57,000

(For cars with air conditioners)

S20 Reinforced crank pulley bolt



The twisting and bending vibrations of the crankshaft that occur at high revolutions can put a large load on the pulley bolt, causing the bolt to loosen. This can be very dangerous as it can lead to damage such as galling at the crank tip, pulley trouble, and oil leaks. The reinforced pulley bolt uses a long bolt and a reinforced washer to prevent the bolt from loosening.

¥4,000

S20 full counter crankshaft



The lightweight, highly balanced full counterweight is possible because it is machined from a solid piece of material. It makes the most of the S20 engine characteristics and covers the entire range from low to high speeds without compromising response.

- Manufacturing method: Machining
- Material: SCM440
- Stroke: 62.8mm (STD)
- Weight: 20Kg

¥640,000

S20 Oil pump gear

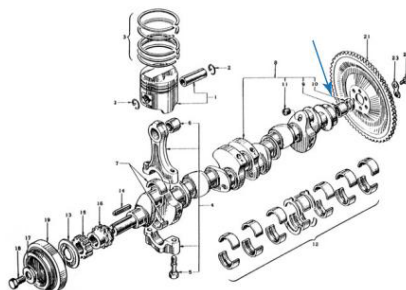


A reinforced gear designed to overhaul the contents of a genuine oil pump that has become worn out.

¥30,000

*Special gear for chain drive

S20 Crank Pilot Bearing & Seal SET



¥2,000 /SET

S20 Driven Gear Bearing



Supports heavy loads and shock loads! Main unit ¥4,000 / 4 SET

