

# S20 ENGINE PARTS

## S20 Super Connecting Rod



The connecting rod strength has been greatly improved by using a lightweight machined I-type cross section made of chrome molybdenum steel. The connecting rod bolts use highly reliable racing bolts made by ARP, an American company, to prevent bolt trouble at high revolutions. In addition, the overall weight has been designed to be lightweight at approximately 548g, reducing the burden on the crank metal caused by centrifugal force and enabling high response.

Price: ¥188,000

Pin diameter	φ22 (full flow processed)
Weight	Approx. 548g (variation within ±1g when set)
Manufacturing method	Forged material + machined
Material	Chrome molybdenum steel (SCM440)
Heat treatment	Hardened and tempered
Surface treatment	Double shot peening
Hardness	HRC32-36
Bolt	ARP (Strength standard 220,000psi)
Manufacturer	Tanaka Kogyo Co., Ltd.

## S20 ARP reinforced head bolt (200,000 psi strength rating)

This is a specially made reinforced head bolt for the S20, custom-made by ARP, the world's leading manufacturer of racing bolts. This bolt is made of high-strength 8740 chrome-moly alloy, and is rolled and heat-treated under strict inspection standards, resulting in a high-grade bolt with the excellent toughness and high tensile strength required for a head bolt.



•S20 ARP reinforced head bolt  
Long 14-piece set ¥44,000



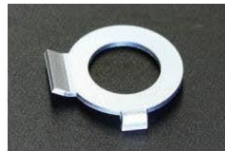
•S20 ARP reinforced head bolts,  
12 pieces per side, SET ¥35,000

## S20 Cam Sprocket Bolt Lock Washer



\*The sprocket bore is the size of the combustion chamber.

This is a reproduction of a lock washer that was discontinued. The lock washer for the center bolt has a bent flange that prevents the bolt from loosening, increasing safety at high speeds.



¥1,600/2 pieces set

\* Parts that need to be replaced

## S20 GT-R aluminum oil pan



Compatible with: KPGC10

Price: ¥200,000

### Features

- All-aluminum heat dissipation performance plus improved oil cooling performance with fins.
- Increased capacity allows for a stable oil supply.
- Can increase the rigidity of the cylinder block.
- Baffle plate with one-way valve strengthens measures to prevent oil from shifting to one side.
- Drain bolt with magnet effectively removes iron powder from the oil.



One-way valve included. Drain bolt with magnet included.

## S20 Connecting rod bolt



Compatible with: S20 genuine connecting rod (Nissan genuine parts)

Price: ¥2,490/Single

¥29,880/Unit

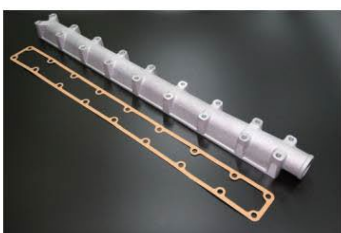
## S20 Water Pump



Compatible with: KPGC10/432Z

Price: ¥58,000

## S20 Water Housing



Parts that are prone to leaks and cracks due to the progression of corrosion. Replacing the assembly eliminates the worry of leaks.

Price: ¥83,000

\*Packing included

Mounting bolt set (genuine specifications) ¥2,700

## S20 Drain bolt with magnet



The use of a neodymium magnet that exerts a strong magnetic force effectively removes impurities (iron powder) suspended in the oil, improving the durability of the engine.

Price: ¥3,600

\*Screw size M22, gasket included

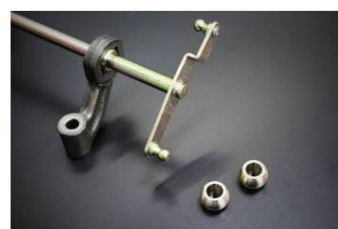
## S20 Water Housing Hose



This hose connects the water housing and water pump, with a genuine mesh design.

Price: ¥2,500

## S20 Accelerator linkage ball joint



If the ball joint is worn out, the throttle opening will be unstable and no matter how much you adjust the carburetor, the throttle will not be synchronized. This ball joint is made of abrasion-resistant aluminum copper and has an oversized design, which stabilizes the runout of the accelerator linkage shaft within about 0.05, allowing you to synchronize the carburetor.

Vehicle model: KPGC10, KPGC110, PS30

Price: ¥5,000/2 SET

\*Ball joint only (linkage not included)