

U20 ENGINE TUNING PARTS

U20改 2111cc

90ÿ forged high compression piston (89ÿ and 91ÿ sizes added)



ÿ108,000

*Ring, circlip, and pin included

This high-strength forged piston is suitable for a wide range of specifications, from stock overhauls to race tuning. You can experience the high torque of the 2111cc bore and the durability and high response of the lightweight forged piston.

| | |
|---|--------------------------------------|
| | Forged ÿ Cut ÿ Shot High compression |
| Manufacturing | ÿ89 ÿ90 ÿ91 ÿ22x60mm |
| method Type Piston | Lightweight type 41.0mm |
| diameter Pin diameter x length Pin height | |
| Piston ring thickness Piston | 1.5x1.5x2.8mm (89/90) 1.2x1.2x2.8mm |
| ring thickness Weight of | (ÿ91) 377g (ÿ90 weight) IN 3.0mm EX |
| piston Valve recess | 3.0mm U20 genuine (full flow) |
| depth Connecting rod | U20 genuine |
| Crank | |

U20 Reinforced Timing Chain



- Primary timing chain ¥8,000
- Secondary timing chain ¥12,000

This reinforced chain has a relatively thin 5-10ÿ manganese phosphate-based insoluble film formed on the metal surface, which is evenly and evenly permeated into the material surface. This achieves four times the wear resistance! It keeps the chain in the best condition for a long time by suppressing valve timing delays caused by chain elongation. It is also resistant to seizure and galling that often occur in the sliding parts of the chain, and helps maintain smooth movement and reduce friction loss.

U20 NDC Metal



*Sizes: STD, 0.25us, 0.5us, 0.75us, 1.0us

ÿ Features of WPC Molybdenum Treatment

This is a reinforced type with a special surface treatment applied to the metal surface based on the standard NDC metal. Unlike general WPC treatment, by directly spraying molybdenum disulfide powder, which is well known as a solid lubricant, the solid lubricant diffuses and penetrates into the metal surface structure, while at the same time forming fine irregularities on the surface to enhance the oil film retention effect. This double effect greatly reduces friction, suppresses the generation of frictional heat, greatly improves the seizure load, and reduces damage to the metal.

ÿ U20 Standard NDC Metal

- Main metal SET ¥9,340
- Connecting rod metal SET ¥7,060

ÿ U20 WPC Molybdenum Metal

- Main metal SET ¥17,400
- Connecting rod metal SET ¥13,280

U20 Cam Tower Sim



The head surface is polished to prevent timing chain deflection and stabilize valve timing.

- Thickness 1.50mm ¥15,000/SET
- Thickness 1.25mm ¥15,000/SET
- Thickness 1.00mm ¥15,000/SET
- Thickness 0.75mm ¥15,000/SET

U20 Chromoly Rocker Guide



Made of chrome molybdenum steel with excellent wear resistance, and heat treatment is used to prevent damage to the claws! This is a reinforced part that emphasizes safety. *Set

thickness* 2.0/2.25/2.50/2.75/3.0/3.25/3.50/3.75
4.0/4.25/4.50/4.75/5.0/5.25/5.5/5.75/6.0 6.25/6.5/6.75/7.0 (mm)

(2.0 to 7.0 mm in 0.25 mm increments)

¥1,000/1 piece

U20 Chromoly Lightweight Flywheel/Bolts



ÿ U20 Chromoly Lightweight Flywheel

The most effective way to improve the response of the U20 engine is to reduce the weight of the flywheel. We have adopted SCM material, which has excellent durability, and designed it to be thin while maintaining high strength.

*For standard clutch Weight: 5.0kg ¥50,000



ÿ U20 Reinforced Flywheel Bolt SET

The chromium SCM435 material ensures sufficient tensile strength, preventing the bolts from loosening during sports driving or at high revolutions, thereby increasing safety.

Set of 12 ¥12,000

U20 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 extensive damage such as galling at the tip of the crank, pulley trouble, and oil leaks. The reinforced pulley bolt uses a long bolt and reinforced washer to prevent the bolt from loosening, protecting your precious engine from trouble.

¥4,000

U20 Large diameter clutch kit (225ÿ)



U20 High performance type that combines a 225ÿ big size clutch and a chromium lightweight flywheel, compared to the standard clutch size of 200ÿ. A high performance clutch kit for the street, with a combination of a clutch cover with a clamping force of 550K and a non-asbestos disc, providing more comfortable operation than the OEM.

1. Type A Kit (Approx. horsepower 230ps/estimate) ¥89,000 2. Type B Kit (Approx. horsepower 210ps/estimate) ¥84,000 3. Type C Kit (Approx. horsepower 190ps/estimate) ¥69,000 *Type A = Super Disc

Type B = Reinforced Non-Asbestos Disc Type C = STD Disc *You can choose from three types of flywheels: lightweight perforated type (4.3kg) and non-perforated type (4.8kg and 7.0kg).