

4AG ENGINE PARTS

4AG Big Valve (16V)

*1.0mm oversize

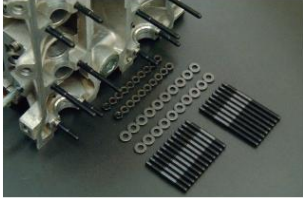


• 4AG Big Valve Set ¥29,600 / 16 pieces SET

	INT	EXH
Umbrella diameter	φ31.5	φ27.0
Stem diameter	φ6	φ6
Stem length	STD	STD
weight	38.8g	33.8g

*Lightweight type, IN 2.2g, EX 2.5g compared to genuine parts

4AG Cam cap stud bolt



This is a stud-type cam cap bolt designed to eliminate the hassle of assembly. Naturally, it is a bottom-type bolt that prevents deformation of the cam housing. Also, by using a flat washer, uniform torque management is possible.

*For 4AG (4V) ¥13,000/set

4AG Race valve guide (16V)

[Specifications] Material: Phosphor bronze / IN, EX Length: STD



¥28,000/SET

4AG High lift compatible reinforced valve spring (16V)

A common type for IN and EX, compatible with everything from STD lift to high lift. A full-fledged reinforced spring with an oval shape to prevent full adhesion.

When set: 36mm-25.6kg When fully loaded: 24mm-69.3kg

¥28,800/SET

4AG 81.5/82/82.5/83 \bar{y} forged high compression piston for AE111



This high-response model is made of high-strength forged material, lightweight machined, and equipped with low-friction rings and lightweight piston pins. It has enough rigidity to withstand the loads of high revolutions, and the compression ratio can be set to 11.2 to 12.3:1 by selecting the gasket thickness and grinding the head surface a little. The valve recess is calculated so that it can be installed without compromising the valve timing, even when using cams of 288 degrees or 304 degrees.

¥90,000

*Compression ratio (82 \bar{y}) 1.2mm head gasket: 11:1 0.8mm head gasket: 11.6:1 0.8mm G/K + 0.5mm head surface grinding: 12.3:1

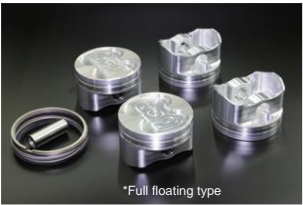
*Full floating type

4AG (20V) Metal Head Gasket



Type	Bore diameter	Price
Stopper type	Thickness 82.5 \bar{y}	¥26,000
Stopper type	0.8mm 1.0mm	¥26,000
Stopper type	82.5 \bar{y} 1.2mm	¥26,000
Stopper type Bead	82.5 \bar{y} 82.5 \bar{y} 1.5mm	¥27,000
type Bead	83.5 \bar{y} 0.8mm	¥20,000
type Bead	83.5 \bar{y} 1.0mm	¥20,000
type Bead	83.5 \bar{y} 1.2mm	¥21,000
type Bead	83.5 \bar{y} 1.5mm	¥23,000
type	83.5 \bar{y} 2.0mm	¥26,000

AE86/AE92 4AG 81.5 \bar{y} forged street piston



This is a newly designed and reproduced street piston, following the discontinuation of Toyota's genuine 0.5mm oversized piston. The piston is completely machined from forged material, leaving no excess material, and uses lightweight short pins to achieve a total weight of just 117g. The use of proven forged materials ensures sufficient strength, while the lightweight design provides high response, making this a high-performance model.

*For AE86 ¥90,000*For AE92 ¥90,000

¥Compression ratio 9.4:1 (compatible with regular gasoline) Pin diameter.. AE86 (18 \bar{y}) AE92 (20 \bar{y})

*Full floating type

4AG reinforced mount for AE86



The use of high-hardness reinforced rubber effectively absorbs unnecessary shaking and vibration from the engine and transmission, allowing engine power to be transmitted to the drive system without any loss.

- AE86 Reinforced Engine Mount Left and Right Set ¥9,800
- AE86 reinforced transmission mount ¥4,500

4AG KAMEARI Reinforced Metal



¥Main metal set ¥Grade No. 4 to 7 ¥17,500

¥Connecting rod metal set

• AE86 40 \bar{y} crank pin ¥14,000 ¥Grade No. 1 to 3

• AE92 42 \bar{y} crank pin ¥14,000 ¥Grade No. 3 to 6



4AG Thrust Metal Set

• Thrust metal set (product number: TW-1400A) * Set of 4 / OEM equivalent

¥1,370

*Main bushings are sold in sets of two, top and bottom, while connecting rod bushings are sold individually.

Please see the details below. *The early

AE86 connecting rods (8mm bolt type) are not compatible because the knock positions on the top and bottom of the bushings are different.

No.	品名	品番 (グレード)	必要数	単位	価格	(識別色) メタル厚/公差	純正品との対照番数	適合		
1	メインベアリング (上下2枚組)	M-KEW-AE92-04	5	組	¥3,500	(青)t=2.0 -0.004 -0.008	-	AE82.AE86.AE92 AW11(NA, S/ C) AE101, AE111		
	メインベアリング (上下2枚組)	M-KEW-AE92-05	5	組	¥3,500	(桃)t=2.0 0 -0.004				
	メインベアリング (上下2枚組)	M-KEW-AE92-06	5	組	¥3,500	(紫)t=2.0 +0.004 0			1	耐久性向上
	メインベアリング (上下2枚組)	M-KEW-AE92-07	5	組	¥3,500	(黒)t=2.0 +0.008 +0.004			2	
2	AE86 コンロッドベアリング	C-KEW-AE86-01	8	枚	¥1,750	(茶)t=1.5 -0.01 -0.014	1	クランクピン径 φ40用 AE82, AE86, AW11(NA)(~87.9)		
	AE86 コンロッドベアリング	C-KEW-AE86-02	8	枚	¥1,750	(緑)t=1.5 -0.006 -0.01	2			
	AE86 コンロッドベアリング	C-KEW-AE86-03	8	枚	¥1,750	(黄)t=1.5 -0.002 -0.006	3		耐久性向上	
3	AE92 コンロッドベアリング	C-KEW-AE92-03	8	枚	¥1,750	(黄)t=1.5 -0.01 -0.014	1	クランクピン径 φ42用 AE92 AW11(NA)(87.9~) AW11S/C AE101, AE111		
	AE92 コンロッドベアリング	C-KEW-AE92-04	8	枚	¥1,750	(青)t=1.5 -0.006 -0.01	2			
	AE92 コンロッドベアリング	C-KEW-AE92-05	8	枚	¥1,750	(桃)t=1.5 -0.002 -0.006	3			
	AE92 コンロッドベアリング	C-KEW-AE92-06	8	枚	¥1,750	(赤)t=1.5 +0.002 -0.002	-		耐久性向上	