Machine Translated by Google **18R-G ENGINE TUNING PARTS**

Type

Pin height •Pin diameter x length

Piston ring thickness

used 18RG STD

18RG 2200cc forged high compression piston (ÿ92 ÿ92.5)



¥95.000

price

18RG Stainless steel octopus legs (FGK)



Celica. The mounting bolt holes are compatible with both early mode M8 bolts and later model M10 bolts by using the included collars Price: ÿ120,000 •Type 4-2 All Stainless Steel •Pipe diameter All Statriess Steer
 All Statriess Steer
 Action
 Action
 Compatible with
 RA25 Celica •Year 1973.4-1975.9

High

ÿ92-373g ÿ92.5- g •Valve recess Compatible with big valves

•Compression ratio 10.5ÿ1 •Crank/connecting rod

compression

Forged and machined ÿ92 ÿ92.5 ÿ92

ÿ22×52mm ÿ92

All-stainless steel restacco feet molded from the RA25

ÿ2,126cc ÿ92.5ÿ2,149cc 39 75mm

1.5-1.5-2.8mm ÿ92.5 1.5-1.5-3.0mm •Piston weight

18RG metal head gasket



This bead-type head gasket secures surface pressure by providing This beautype ined gates tectores suitate pressue by proving press-formed beads around the combustion chamber and water and oil holes, which require high sealing performance. The layout is appropriately distributed by the width and height of the beads, making it an indispensable part for tuning engines.

G/K Bore diameter Thickness Price				
ÿ92 ÿ92.5	1.0mm	¥22,000		
ÿ90ÿ92ÿ92.5 ÿ92 ÿ92.5	1.2mm	¥23,000		
ÿ92 ÿ92.5 ÿ92 ÿ92.5 ÿ92	1.5mm	¥24,000		
	2.0mm	¥27,000		
	2.5mm	¥30,000		
	3.0mm	¥32.000		

18RG Flywheel & Flywheel Bolt



18RG Head Parts

ÿRacing valve spring Type-R3

(4.7kg) ARP reinforced flywheel bolts

Lightweight Chromoly Flywheel

While the tightening torque of the genuine bolts is 6.6kg/m, the ARP reinforced bolts have a tightening strength of 13.5kg/m, preventing the bolts from loosening at high revolutions

•STD type ¥50,000 (5.0kg)•R type ¥54,000 *Lightweight



VLightweight titanium retainer





ÿ18,000 /1 piece

This reinforced chain has a relatively thin 5-10ÿ manganese phosphat

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

"The sprocket gear in the image is not included in the chain

F770 WPC Molybdenum Metal (STD size) •Main metal set (without

center flange) ¥18,940 (with center flange) ¥22,800 •Connecting rod metal set ¥14,510

*The thrust metal is not WPC treated.



1 set ¥18.000

ÿ Valve spring flat washe

nd at high revolutions



me, such as by c

1 unit ÿ26.000

0.5mm/0.8mm/1.0mm ¥400 each / 1 piece When installing a camshaft with a high angle or lift, the valve projection is increased to prevent interference between the valves. This lengthens the installation length of the valve spring, weakening the load. This spring washer is used to compensate for the loosened



The valve lifter plays a major role in reducing the weight of the valve trainve trai atticient strength, the ion in weight! In long, the lifter's ced, resulting in a signifiving it to accurately fe

¥40,000 per unit



molybdenum parts with excellent wear resistance are used There are 111 thickness settings available, ranging from 1.5mm to 7.0mm in 0.05mm increments *1.3mm to 7.0mm (0.05mm increments tolerance +0 03-0



This valve is made from a strong metal material and has passed stric inspection standards, including forging, precision machining, heat cepts of "efficiency, strength, and light weight," with a thin pe for light weight and a narrow stem diameter inside the the three of

IN 45ÿ Lightweight valve (standard size) Weight 84 g ¥4,000 per piece Total length 106.2mm

EX 40.5ÿ Lightweight big valve Weight 78 g 1 piece ¥4,000 Total length 105.1mm

ÿ Valve spring stepped washer



stepped spring seat is machined from chromoly for double type valve springs. It fits perfectly on double springs and stabilizes the center of the spring.



retainer (weight: titanium 10g / genuine

retainer (weight: chromoly 18.8g / genuine

21.6g) 1 set ¥18,000

¥3,000 / 1 piece For

Lightweight titanium

Lightweight chromoly



without tuning them we have reproduced a standard valve that is no longer manufactured The shape and dimensions are the same as the original, and the material and heat treatment specifications have been reinforced to emphasize durability.



83



ÿ8,000

ÿLightweight 45/40.5ÿ valve



18RG 2012cc forged street piston (ÿ89.5)

18RG Idler Gear (Secondary Side) Type-2

18RG reinforced timing chain

•Stronger timing chain, primary side: ¥8,000•Stronger timing chain, secondary side: ¥16,000

friction loss





Price: ¥92,000

¥24,310 •Connecting rod metal set ¥16,160

ÿ Valve guide

1 set ¥12,000





Street type Forged

		and machined
	Manufacturing	ÿ89.5 (1.0mm oversize) 2012cc
	method	39.75mm
	Piston diameter	ÿ22×52mm
	Displacement Pin	1.5-1.5-2.8mm
	height •Pin diameter x	337 g Compatible
	length •Piston ring	with STD
	thickness •Piston	valve 8.5:1
	weight	(compatible with regular gasoline)
	Valve recess	18RG STD
 Compression ratio Connecting /bBRGegFDrank used 		

With the OEM chain guide, the use of high cams and reinforced valve springs creates

a heavy load on the chain, which attacks the chain guide with a large amount of friction. This causes problems such as friction loss, wear on the chain guide, and delayed valve timing, resulting in horsepower loss. This idler gear replaces the chain guide and uses a reinforced needle roller bearing sprocket that is resistant to high loads and high revolutions, maintaining good valve timing and friction loss and improving high power and high revolutions.

a heavy load on the chain, which attacks the chain guide with a large amount of

Price: ¥22.000

•Type



ÿ Reinforced tappet shim





sened set load.





ÿ45/38.5 STD valve

ÿ8,000/SETThis

F770 WPC Molybdenum Metal (Undersize) •Main metal set (without center flange) ¥21,170 (with center flange)

•Undersize type 0.25 0.50 0.75 1.00



STD valve guide

ÿSliding cam sprocket gear



The slide type has an adjustment scale of 2 degrees per scale, making it easy and accurate to set the valve tie. Also, the knock pin is press-fitted into the gear side, so there is no need to replace the pin and there is no risk of direction the neiner.