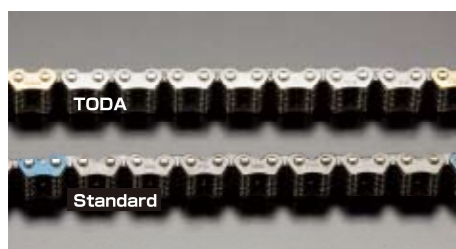




## Heavy Duty Chain

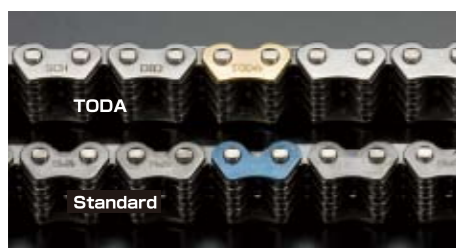
Up until now, tuning specialists have had to use the standard timing chain. Now there is a product that after reviewing the design and detailed modifying has gained improved accuracy and durability. This is TODA Racings Heavy Duty Timing Chain. With the extra demands of hi-performance driving even with the standard road engine and / or components such as camshafts that place extra stress on the valve train system, improved chain strength is important. The highly precise side plates reduce friction and improve the revolution fatigue strength by increasing the area of the plates, a reduction in the burrs and the finish to each individual plate. Moreover, due to the higher precision of manufacture, the hole size and shape in the plate have enabled the use of a larger diameter pin, this also contributes to reducing the stretching of the chain under constant high velocity revolutions by as much as 35%.  
(From Manufacture's data)

To attain the most from the improved durability, reduced friction, improved camshaft timing accuracy, we recommend using the TODA Heavy Duty Timing Tensioner, in combination with TODA's Heavy Duty Timing Chain.



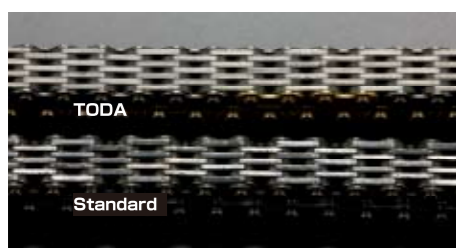
### ■ K20A Timing Chain

TODA Heavy Duty Timing Chain can easily be identified from the standard Honda product by the timing mark locations being gold in color and the TODA name embossed on the plate.



### ■ K20A Timing Chain Side Face

With improved accuracy, small but important improvements to the design of the TODA Heavy Duty Timing Chain have been possible. Areas such as a larger plate shape and larger pin diameter have helped to improve the chains strength and to reduce chain stretch.



### ■ K20A Timing Chain Back Face

Advanced punch manufacturing techniques used in the making of the TODA Heavy Duty Timing Chain, have improved accuracy and reduced edge burrs leading to reduced friction and smoother chain operations.

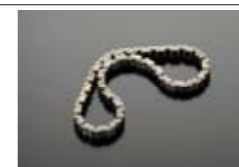
HONDA

## K20A/Z/K24A

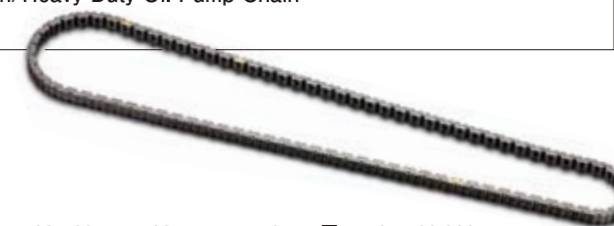
K20A/K20Z/K24A Heavy Duty Timing Chain /Heavy Duty Balancer Chain/Heavy Duty Oil Pump Chain



K20A/K20Z/K24A Balancer Chain ■ 13441-K20-B00



K20A Oil Pump Chain ■ 13441-F20-P00



K20A/Z Timing Chain ■ 14401-K20-000

### K20A/K20Z Heavy Duty Balancer Chain

| Type         | Engine | Genuine Part No. | TODA Part No. | Price   | Pin number |
|--------------|--------|------------------|---------------|---------|------------|
| CL7          | K20A   |                  |               |         |            |
| FD2 (除クタイFR) |        | 13441-PNA-004    | 13441-K20-B00 | ¥13,000 | 62         |
| FN2          | K20A/Z |                  |               |         |            |

### K20A Heavy Duty Oil Pump Chain

| Type      | Engine | Genuine Part No. | TODA Part No. | Price   | Pin number |
|-----------|--------|------------------|---------------|---------|------------|
| DC5/EP3-R | K20A   | 13441-PCX-004    | 13441-F20-P00 | ¥13,000 | 64         |
| FD2-R     |        |                  |               |         |            |

### K20A/K20Z Heavy Duty Timing Chain

| Type      | Engine | Genuine Part No. | TODA Part No. | Price   | Pin number |
|-----------|--------|------------------|---------------|---------|------------|
| DC5/EP3-R |        |                  |               |         |            |
| CL7       | K20A   | 14401-PNA-004    | 14401-K20-000 | ¥18,000 | 170        |
| FD2       |        |                  |               |         |            |
| FN2       | K20A/Z |                  |               |         |            |



K24A Timing Chain ■ 14401-K24-000



K20A/K20Z/K24A Balancer Chain ■ 13441-K20-B00

### K24A Heavy Duty Timing Chain

| Type    | Engine | Genuine Part No. | TODA Part No. | Price   | Pin number |
|---------|--------|------------------|---------------|---------|------------|
| CL9/RB1 | K24A   | 14401-PPA-004    | 14401-K24-000 | ¥19,000 | 176        |

### K24A Heavy Duty Balancer Chain

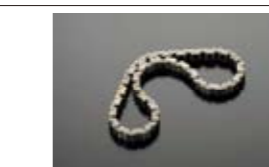
| Type    | Engine | Genuine Part No. | TODA Part No. | Price   | Pin number |
|---------|--------|------------------|---------------|---------|------------|
| CL9/RB1 | K24A   | 13441-PNA-004    | 13441-K20-B00 | ¥13,000 | 62         |

## F20C/F22C

F20C/F22C Heavy Duty Timing Chain /Heavy Duty Oil Pump Chain



F20/22C Timing Chain ■ 14401-F20-000



F20/22C Oil Pump Chain ■ 13441-F20-P00

### F20C/F22C Heavy Duty Timing Chain

| Type    | Engine    | Genuine Part No. | TODA Part No. | Price   | Pin number |
|---------|-----------|------------------|---------------|---------|------------|
| AP1/AP2 | F20C/F22C | 14401-PCX-004    | 14401-F20-000 | ¥18,000 | 138        |

### F20C/F22C Heavy Duty Oil Pump Chain

| Type    | Engine    | Genuine Part No. | TODA Part No. | Price   | Pin number |
|---------|-----------|------------------|---------------|---------|------------|
| AP1/AP2 | F20C/F22C | 13441-PCX-004    | 13441-F20-P00 | ¥13,000 | 64         |

K20A/K24A Heavy Duty Chain Tensioner  
¥15,000

To overcome the oil pressure auto tensioner's weak-point, preventing the valve timing slipping under engine braking. Performance is improved when used with either high lift cams or performance driving.



K20A Heavy Duty Chain tensioner ¥15,000-  
■ 14510-K20-000

Recommend to use with TODA Heavy Duty Chain.



K24A Heavy Duty Chain tensioner ¥15,000-  
■ 14510-K24-000

Recommend to use with TODA Heavy Duty Chain.

F20C/F22C Heavy Duty Chain Tensioner  
¥22,000

To maintain correct tension and to overcome the oil pressure auto tensioner's weak-point, preventing the valve timing slipping under engine braking. Works with heads that have had up 1mm shaved off the deck face.



F20/22C Heavy Duty Chain Tensioner ¥22,000-  
■ 14510-F20-000

Recommend to use with TODA Heavy Duty Chain.