

TIMING CHAIN KITS

OE-MATCHING SYSTEM

Designed as a System / Built for Durability /
Trusted for Engines



Complete OE-Matched Timing System

Engineered and validated as a complete timing system, manufactured by industry-leading OE and Tier-1 producers.



Long-Life, High-Strength Core Components

Critical components, especially the timing chain, are designed for a service life of up to 240,000–400,000 km.



Premium Materials & Precision Manufacturing

Advanced heat-treated chains, premium nylon guides, and precision-machined components down to 3 microns.

TIMING CHAIN

THE CORE OF SYSTEM RELIABILITY

High-strength timing chains produced by industry-leading manufacturers and validated to OE standards



E-Polish surface treatment

Reduced friction for smoother operation



Radius back-link design

Improves engine efficiency by approx. 1%



High load resistance structure

Withstands approx. 300 N/mm



Proprietary heat-treatment process

Enhanced strength compared with standard aftermarket chains



Thick link design

Designed and used for ultra-long lifespan



GUIDES - TENSIONER - SPROCKETS

PRECISION ACROSS THE SYSTEM

Reliable timing performance depends not only on the chain itself, but on the stability and precision of the entire system

SLIDE RAILS

Premium nylon materials from BASF / DuPont / NILIT
Excellent wear and heat resistance

Ensures quiet operation and reduced system wear.

CHAIN TENSIONER

OE-grade manufacturing with galvanized surface
Stable and consistent chain tension

Prevents chain slack, noise, and timing deviation.

SPROCKETS / CAMSHAFT ADJUSTERS

Machining precision down to 3 microns
Fully automated assembly, defect rate < 5 PPM

Precise timing control and OE-matching reliability.