

Engine timing tools

Replacing a timing belt is a complicated and time-consuming job which, if not done properly, can cause serious engine damage. The Kamasa Tools engine timing tools are designed for a wide range of engines, and saves time while guaranteeing high service quality.

The engine timing tools comprises precision-manufactured, engine-specific tool sets which guarantee accurate fixing of camshafts, crankshaft, tensioners and other moving engine parts. The locking tools are fitted as per the workshop manual, allowing the timing belt or timing chain to be replaced smoothly and simply.

The tool sets are available in a range of sizes, with the smallest designed for one specific engine and the largest for a number of engines. The table shows all the sizes and the engines with which they are compatible.

Note The engine timing tools are difficult to recommend for a certain vehicle or model year with absolute certainty, as the engines vary widely. Therefore we have designed the table for search using the **engine code** for the vehicle being serviced.

All vehicle-specific data given are made under reservations. For all work on the vehicle, only the data prescribed by the vehicle manufacturer are applicable.

This ensures that the correct engine timing kit is ordered and fitted.

1. Check the engine code for the vehicle model.
2. Look up the engine code in the table to locate the item number for the appropriate tools. The tool kits are divided into colors where grey represent engine locking tools, green represent tension tools and yellow represent holding tools.
3. Before fitting the timing tools to the engine, check that the workshop manual's original part number matches the original part number on the respective tool.

Engine locking tool
 Tension tool
 Holding tools

| Engine code → | Stock no. | Engine code → | Stock no. | Engine code → | Stock no. | Engine code → | Stock no. |
|---------------|-----------|---------------|-----------|---------------|-----------|----------------|-----------|
| 169A4.000 | K 10555 | 3ZZ-FE | K 10553 | 5FX(EP6DT) | K 10559 | 9HT(DV6BUTED4) | K 10534 |
| 188A5.000 | K 10536 | 4ZZ-FE | K 10553 | 5FY(EP6DTS) | K 10557 | 9HT(DV6BUTED4) | K 10538 |
| 188A5.000 | K 10563 | 5FR(EP6DT) | K 10557 | 5FY(EP6DTS) | K 10559 | 9HT(DV6BUTED4) | K 10542 |
| 1X | K 10543 | 5FR(EP6DT) | K 10559 | 8140.43 | K 10549 | 9HXDV6TED4 | K 10534 |
| 1Y | K 10543 | 5FT(EP6DT) | K 10557 | 8140.43 | K 10572 | 9HXDV6TED4 | K 10538 |
| 1ZR-FE | K 10553 | 5FT(EP6DT) | K 10559 | 8140.43S | K 10549 | 9HXDV6TED4 | K 10542 |
| 1ZZ-FE | K 10553 | 5FW(EP6) | K 10558 | 8140.43S | K 10572 | 9HZ(DV6TED4) | K 10534 |
| 2AZ-FSE | K 10553 | 5FW(EP6) | K 10559 | 8140.47 | K 10549 | 9HZ(DV6TED4) | K 10538 |
| 2E | K 10568 | 5FV(EP6DT) | K 10557 | 8140.47 | K 10572 | 9HZ(DV6TED4) | K 10542 |
| 2ZR-FAE | K 10553 | 5FV(EP6DT) | K 10559 | 8FS(EP3) | K 10557 | | |
| 3ZR-FAE | K 10553 | 5FX(EP6DT) | K 10557 | 8FS(EP3) | K 10558 | | |

| Engine code → | Stock no. | Engine code → | Stock no. | Engine code → | Stock no. | Engine code → | Stock no. |
|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| AAD | K 10529 | AGP | K 10543 | APE | K 10543 | ASX | K 10543 |
| AAD | K 10568 | AGR | K 10543 | APF | K 10529 | ATM | K 10548 |
| AAZ | K 10543 | AGU | K 10550 | APF | K 10568 | ATM | K 10550 |
| ABK | K 10529 | AHB | K 10543 | APG | K 10548 | ATN | K 10543 |
| ABK | K 10568 | AHF | K 10543 | APK | K 10529 | AUA | K 10543 |
| ABL | K 10543 | AHG | K 10543 | APK | K 10568 | AUB | K 10543 |
| ABS | K 10568 | AHL | K 10529 | APT | K 10529 | AUK | K 10535 |
| ABS | K 10568 | AHU | K 10543 | APT | K 10548 | AUM | K 10548 |
| ADP | K 10529 | AHW | K 10543 | APU | K 10529 | AUM | K 10550 |
| ADR | K 10529 | AJH | K 10548 | APU | K 10548 | AWA | K 10535 |
| ADR | K 10548 | AJH | K 10550 | APU | K 10550 | AWC | K 10548 |
| ADY | K 10568 | AJH | K 10563 | AQA | K 10548 | AWC | K 10550 |
| ADZ | K 10568 | AJH | K 10573 | AQA | K 10550 | AWC | K 10563 |
| AEB | K 10529 | AJH | K 10574 | AQM | K 10543 | AWC | K 10573 |
| AEB | K 10548 | AJV | K 10543 | AQQ | K 10543 | AWC | K 10574 |
| AEB | K 10550 | AKL | K 10529 | AQV | K 10543 | AWD | K 10550 |
| AEF | K 10543 | AKL | K 10568 | AQX | K 10543 | AVH | K 10529 |
| AEG | K 10529 | AKQ | K 10543 | AQY | K 10529 | AVH | K 10568 |
| AEG | K 10568 | AKU | K 10543 | AQY | K 10543 | AVJ | K 10548 |
| AEH | K 10529 | AKW | K 10543 | AQY | K 10568 | AWT | K 10529 |
| AEH | K 10568 | ALE | K 10525 | ARC | K 10543 | AWT | K 10548 |
| AEY | K 10543 | ALE | K 10543 | ARC | K 10529 | AVU | K 10529 |
| AFK | K 10543 | ALE | K 10563 | ARG | K 10548 | AVU | K 10568 |
| AFN | K 10543 | ALE | K 10568 | ARK | K 10529 | AVV | K 10529 |
| AFT | K 10529 | ALH | K 10543 | ARK | K 10548 | AVV | K 10548 |
| AFT | K 10568 | ANA | K 10529 | ARM | K 10529 | AVY | K 10543 |
| AGD | K 10543 | ANB | K 10529 | ARR | K 10543 | AXP | K 10543 |
| AGG | K 10568 | ANB | K 10548 | ARZ | K 10548 | AXU | K 10535 |
| AGN | K 10548 | ANB | K 10550 | ASV | K 10543 | AXW | K 10535 |

Engine locking tool
 Tension tool
 Holding tools

| Engine code → | Stock no. | Engine code → | Stock no. | Engine code → | Stock no. | Engine code → | Stock no. |
|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| AXX | K 10535 | BMB | K 10535 | D4F722 | K 10567 | F8Q632 | K 10537 |
| AYP | K 10543 | BME | K 10543 | D4F740 | K 10528 | F8Q632 | K 10539 |
| AYQ | K 10543 | BMP | K 10550 | D4F740 | K 10537 | F8Q632 | K 10549 |
| AZG | K 10529 | BMP | K 10556 | D4F740 | K 10539 | F8Q632 | K 10567 |
| AZG | K 10568 | BMP | K 10566 | D4F740 | K 10549 | FP4 | K 10555 |
| AZJ | K 10529 | BMR | K 10550 | D4F740 | K 10567 | FYDA | K 10551 |
| AZJ | K 10568 | BMR | K 10566 | D5244T | K 10570 | FYDA | K 10563 |
| AZQ | K 10543 | BPJ | K 10535 | D5244T10 | K 10570 | FYDB | K 10551 |
| B4184S11 | K 10546 | BPY | K 10535 | D5244T13 | K 10570 | FYDB | K 10563 |
| B4184S11 | K 10551 | BRD | K 10550 | D5244T14 | K 10570 | FYDC | K 10551 |
| B4184S8 | K 10546 | BRD | K 10566 | D5244T16 | K 10570 | FYDC | K 10563 |
| B4184S8 | K 10551 | BRS | K 10550 | D5244T4 | K 10570 | FYDD | K 10551 |
| B4204S4 | K 10546 | BRS | K 10556 | D5244T5 | K 10570 | FYDD | K 10563 |
| B4204S4 | K 10551 | BRS | K 10566 | D5244T5 | K 10570 | FYDH | K 10551 |
| B5244S | K 10570 | BSU | K 10550 | D5244T8 | K 10570 | FYDH | K 10563 |
| B5244S2 | K 10570 | BSU | K 10566 | E7J634 | K 10564 | G8DA | K 10550 |
| B5244S5 | K 10570 | BUD | K 10543 | E7J635 | K 10564 | G8DB | K 10550 |
| B5244SG | K 10570 | BUL | K 10535 | E7J718 | K 10564 | G9U720 | K 10539 |
| B5244SG2 | K 10570 | BWA | K 10535 | E7J719 | K 10564 | G9U754 | K 10539 |
| B5244T | K 10570 | BWE | K 10535 | E7J754 | K 10564 | GPDA | K 10550 |
| B5244T3 | K 10570 | BVY | K 10545 | E7J780 | K 10564 | GPDC | K 10550 |
| B5254T2 | K 10570 | BVY | K 10548 | EDDB | K 10531 | HCBP | K 10551 |
| B5254T3 | K 10570 | BVY | K 10556 | EDDB | K 10546 | HCBP | K 10563 |
| B6284T | K 10570 | BVY | K 10573 | EDDB | K 10563 | HCPA | K 10551 |
| B6304S3 | K 10570 | BVZ | K 10545 | EDDC | K 10531 | HCPA | K 10563 |
| BAD | K 10543 | BVZ | K 10548 | EDDC | K 10546 | HHDA | K 10550 |
| BAG | K 10535 | BVZ | K 10556 | EDDC | K 10563 | HHDB | K 10550 |
| BBY | K 10529 | BVZ | K 10573 | EDDD | K 10531 | K4J700 | K 10528 |
| BBY | K 10543 | BXE | K 10550 | EDDD | K 10546 | K4J710 | K 10528 |
| BBZ | K 10543 | BXE | K 10566 | EDDD | K 10563 | K4J711 | K 10528 |
| BBZ | K 10543 | BZG | K 10543 | EDDF | K 10531 | K4J712 | K 10528 |
| BCA | K 10543 | C14NZ | K 10552 | EDDF | K 10546 | K4J713 | K 10528 |
| BCB | K 10543 | C14SE | K 10552 | EDDF | K 10563 | K4J714 | K 10528 |
| BDW | K 10535 | C16SE | K 10552 | EJ20 | K 10569 | K4J750 | K 10528 |
| BEJ | K 10529 | CBAB | K 10550 | EP6 | K 10558 | K4M700 | K 10528 |
| BEJ | K 10568 | CBAB | K 10556 | EP6 | K 10559 | K4M701 | K 10528 |
| BER | K 10529 | CBAB | K 10566 | EP6DT | K 10557 | K4M704 | K 10528 |
| BER | K 10568 | CBBB | K 10550 | EP6DT | K 10559 | K4M708 | K 10528 |
| BEX | K 10550 | CBBB | K 10556 | EP6DTS | K 10557 | K4M760 | K 10528 |
| BFB | K 10550 | CBPA | K 10529 | EP6DTS | K 10559 | K4M760 | K 22087 |
| BFQ | K 10529 | CBPA | K 10568 | EW10A | K 10544 | K4M761 | K 10528 |
| BFQ | K 10568 | CCSA | K 10550 | F3R722 | K 10528 | K4M761 | K 22087 |
| BGB | K 10535 | CEVA | K 10540 | F3R722 | K 10537 | K7J700 | K 10564 |
| BHP | K 10529 | CEVA | K 10566 | F3R722 | K 10539 | K7J701 | K 10564 |
| BHP | K 10568 | CEVA | K 10573 | F3R722 | K 10549 | K9K700 | K 10537 |
| BJB | K 10550 | CGGA | K 10543 | F3R722 | K 10567 | K9K700 | K 10539 |
| BJB | K 10566 | CGGA | K 10543 | F3R723 | K 10528 | K9K702 | K 10537 |
| BKC | K 10550 | CGPA | K 10540 | F3R723 | K 10537 | K9K702 | K 10539 |
| BKC | K 10566 | CGPA | K 10566 | F3R723 | K 10539 | K9K704 | K 10537 |
| BKG | K 10535 | CGPA | K 10573 | F3R723 | K 10549 | K9K704 | K 10539 |
| BKH | K 10535 | D223L | K 10533 | F3R723 | K 10567 | K9K710 | K 10537 |
| BKP | K 10550 | D4204T | K 10551 | F3R723 | K 10528 | K9K710 | K 10539 |
| BKP | K 10566 | D4204T | K 10561 | F3R750 | K 10528 | K9K834 | K 10537 |
| BKY | K 10543 | D4F712 | K 10528 | F3R750 | K 10537 | K9K834 | K 10539 |
| BLF | K 10535 | D4F712 | K 10537 | F3R750 | K 10539 | K9K834 | K 10537 |
| BLN | K 10535 | D4F712 | K 10539 | F3R750 | K 10549 | K9K836 | K 10537 |
| BLP | K 10535 | D4F712 | K 10549 | F3R750 | K 10567 | K9K836 | K 10539 |
| BLR | K 10545 | D4F712 | K 10567 | F3R751 | K 10528 | KDY(TU3M) | K 10527 |
| BLR | K 10548 | D4F714 | K 10528 | F3R751 | K 10537 | KDY(TU3M) | K 10530 |
| BLR | K 10556 | D4F714 | K 10537 | F3R751 | K 10539 | KDY(TU3M) | K 10565 |
| BLR | K 10573 | D4F714 | K 10539 | F3R751 | K 10549 | KDZ(TU3M) | K 10527 |
| BLS | K 10550 | D4F714 | K 10549 | F3R751 | K 10567 | KDZ(TU3M) | K 10530 |
| BLS | K 10566 | D4F714 | K 10567 | F8Q630 | K 10528 | KDZ(TU3M) | K 10565 |
| BLY | K 10545 | D4F722 | K 10528 | F8Q630 | K 10537 | KFW(TU3JP) | K 10527 |
| BLY | K 10548 | D4F722 | K 10537 | F8Q630 | K 10539 | KFW(TU3JP) | K 10530 |
| BLY | K 10556 | D4F722 | K 10539 | F8Q630 | K 10549 | KFW(TU3JP) | K 10565 |
| BLY | K 10573 | D4F722 | K 10549 | F8Q630 | K 10567 | KFX(TU3JP) | K 10527 |
| | | | | F8Q632 | K 10528 | KFX(TU3JP) | K 10527 |

ENGINE CODE →KIT



Engine locking tool
Tension tool
Holding tools

| Engine code → | Stock no. | Engine code → | Stock no. | Engine code → | Stock no. | Engine code → | Stock no. |
|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
| KFX(TU3JP) | K 10530 | N46B20C | K 10547 | NGD | K 10563 | RWPA | K 10551 |
| KFX(TU3JP) | K 10530 | N47D20A | K 10560 | QXBB | K 10551 | RWPA | K 10563 |
| KFX(TU3JP) | K 10565 | NFZ(TU5JP) | K 10527 | QXWA | K 10551 | SNJA | K 10551 |
| KFX(TU3JP) | K 10565 | NFZ(TU5JP) | K 10530 | QXWB | K 10551 | SNJA | K 10563 |
| L1E | K 10526 | NFZ(TU5JP) | K 10565 | RDA | K 10526 | SNJB | K 10551 |
| L1E | K 10531 | NGA | K 10526 | RDA | K 10531 | SNJB | K 10563 |
| L1E | K 10541 | NGA | K 10531 | RDA | K 10541 | UFBA | K 10551 |
| L1E | K 10546 | NGA | K 10541 | RDA | K 10546 | UFWA | K 10551 |
| L1E | K 10563 | NGA | K 10546 | RDA | K 10563 | WJY(DW8B) | K 10530 |
| LFY(XU7JP4) | K 10530 | NGA | K 10563 | RFJ(EW10A) | K 10544 | WJZ(DW8) | K 10530 |
| M9R | K 10554 | NGB | K 10531 | RFN | K 10531 | X10XE | K 10532 |
| M9R780 | K 10554 | NGB | K 10546 | RFN | K 10541 | X12XE | K 10532 |
| N12B14A | K 10558 | NGB | K 10563 | RFN | K 10563 | X14SZ | K 10552 |
| N12B14A | K 10559 | NGC | K 10531 | RKC | K 10526 | X20XE | K 10571 |
| N12B16A | K 10558 | NGC | K 10546 | RKC | K 10531 | Z12XE | K 10532 |
| N12B16A | K 10559 | NGC | K 10563 | RKC | K 10541 | Z12XEP | K 10532 |
| N46B20 | K 10547 | NGD | K 10531 | RKC | K 10546 | | |
| N46B20A | K 10547 | NGD | K 10546 | RKC | K 10563 | | |