



**ACL Engine
Parts**

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Timing Kits

Belt & Chain

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73 Lansford Crescent, Avondale, Auckland

Piston Rings | Engine Bearings | Engine Valves | Gaskets | Hydraulic Lifters | Mitsuboshi Belts




Timing Kits

Part No.	Make	Model
TKJP5981	CHEVROLET	SB V8 STEEL MULTI KEY (JP)
TKMZ39	FORD	3.0L V6 AJ,GY D/TEC
TKFG17	FORD	DURATEC 2.5 00- SEB/C
TKEC3170	FORD	FALCON 6
TKF6	FORD	FALCON 6 BARRA DOHC 2002-
TKF3/5	FORD	FALCON 6 EA-AU2 88-02
TKGM31	HOLDEN	3.6L V6 3xMORSE CHAINS
TKGM30	HOLDEN	3.6LV6 1xMORSE2xROLLER
TKJP5954	HOLDEN	EH-HZ,VB-VK (ALUM.) (JP)
TKJP5618T	HOLDEN	LS1 5.7,6.0 SGL ROW (JP)
TKJP5615T	HOLDEN	LS1/2 5.7,6.0 DBL ROW (JP)
TKGM32	HOLDEN	T/K HOLDEN Z14XEP 2004-
TKJP5602	HOLDEN	VN 3.8 DBL ROW (JP)
TKJP5601	HOLDEN	VN 3.8 SGL ROW (JP)
TKJP5603	HOLDEN	VP,VR 3.8SGL ROW (JP)
TKJP5619	HOLDEN	VR-VX 3.8 SGL ROW (JP)
TKGM29	HOLDEN	Z22SE 2001-
TKHN31	HONDA	F20C1 DOHC 99-03
TKHN34	HONDA	K24A 2002-
TKJE2	JEEP	CHEROKEE 6 94-06
TKMZ10	MAZDA	G6 12v SOHC -06
TKMZ37	MAZDA	L3 2.0,+2.3 VVT 02-
TKMZ34	MAZDA	LF LFDE DURA DOHC16V
TKMZ38	MAZDA	LFDE,L3 DURATEC 2.0
TKMZ31	MAZDA	WL/WL-T 2.5L SOHC12V
TKMB2/4	MITSUBISHI	4G52,54,G52B,G54B
TKMB10	MITSUBISHI	4G63 2.0L SOHC 16V
TKMB47HT	MITSUBISHI	4G63 2.0L SOHC 16V
TKMB18	MITSUBISHI	4G63T 2.0L DOHC 16V
TKMB43	MITSUBISHI	4M40 93-06 SGL ROW
TKMB44	MITSUBISHI	4M40/T 93-06 DBL ROW
TKMB46	MITSUBISHI	4M41/2 02-07 SGL ROW
TKN8	NISSAN	A10,A12,A14,A15
TKN39	NISSAN	CG13DE 95-
TKN40	NISSAN	CR14DE 07-
TKN18	NISSAN	KA24DE 95-05 SGL RW
TKN3	NISSAN	L16-L28

Part No.	Make	Model
TKN44	NISSAN	QG15DE QG18DE 98-
TKNG42	NISSAN	QR25 (w/-GEARS) CLOYES
TKN42	NISSAN	QR25DE XTRAIL
TKN17	NISSAN	SR20DE (NOT VCT)
TKNG36	NISSAN	VQ30DE 3.0 V6 94-03
TKNG20	NISSAN	YD25DDTi to 09/2006 DBL W/GEARS
TKN20	NISSAN	YD25DDTi Up to 09/2006 NO GRS
TKNG32	NISSAN	YDD25DDTi SGL ROW
TKN33	NISSAN	ZD30DDT/Ti 2000-
TKN34	NISSAN	ZD30DDTi COMRAIL 07-
TKSZ10	SUZUKI	H20A-27A -06 NO GRS
TKSZG10	SUZUKI	H20A-27A GEARS-06
TKSZ9	SUZUKI	J20A WITH OP CHAIN
TKT4/5	TOYOTA	18R 73-83
TKT10	TOYOTA	1AZFE,2AZFE
TKT20	TOYOTA	1FZFE 92- NO GEARS
TKT62	TOYOTA	1GR-FE 3.0 V6 05-
TKT54HT	TOYOTA	1KZ-TE 3.0L SOHC 8V
TKT9	TOYOTA	1Y 2Y 3Y 4Y
TKT19	TOYOTA	2/3RZFE 96-
TKT11	TOYOTA	20-22R/C/T/E 82- SGL
TKT6	TOYOTA	20R-22R DBL ROW
TKT12	TOYOTA	22R S/ROW 96
TKTG12	TOYOTA	22R SGL 3SR96 GEARS
TKTG11	TOYOTA	22R SGL 3SR98 GEARS
TKT22	TOYOTA	2L,3L 2.4L SOHC 8v
TKT2RZ-1	TOYOTA	2RZ SOHC 8v 89-94
TKT2RZ-2	TOYOTA	2RZ SOHC 8v 94-05
TKT61	TOYOTA	2TR-FE DOHC 05-
TKT1	TOYOTA	3K,4K DBL CHAIN
TKTG1	TOYOTA	3K,4K DBL WITH GEAR
TKT25	TOYOTA	3S-FE
TKT45B	TOYOTA	4A-FC,4A-FE, 117 TOOTH
TKT46	TOYOTA	4A-FC,4A-FE, 94 TOOTH
TKT2	TOYOTA	4K,5K,7K SGL
TKJP5720	VARIOUS	DEGREE WHEEL CAM TIMING

Timing Kits



Timing Kit Contents



Part No.	Kit Contents
TKEC3170	TBA
TKF3/5	Chain, Tensioner, Guide Rail x2, Guide x2 Timing Cover Seal & Gasket
TKF6	Chain, Tensioner
TKFG17	Chain x2, Tensioners x2, Gear, Guide Rails x3
TKFG9	TBA
TKGM29	Chain x2, Tensioner x2, Nylon Guide x3, Guide Rail x2, Metal Guide, Seal
TKGM30	Chain Morse x1, Chain Roller x2, Tensioner x3, Guides x6
TKGM30A	Chain Morse x1, Chain Roller x2, Tensioner x3, Guides x6, Seal Kit
TKGM31	Chain Morse x3, Tensioners x3, Cam Gear x2, Intermediate Gear, Guides x6, Gaskets
TKGM31A	Chain Morse x3, Tensioners x3, Guides x6, Seal Kit
TKGM32	Chain, Tensioner, Guides x3
TKHN31	Belt, Tensioner, Seals
TKHN34	Chain x2, Tensioner, Guide Rail x2, Guide x4
TKJE2	Chain, Guide, Cam Gear, Crank Gear
TKJP5601	TBA
TKJP5602	TBA
TKJP5603	TBA
TKJP5615T	TBA
TKJP5618T	TAB
TKJP5619	TBA
TKJP5720	Degree wheel
TKJP5954	Chain, Cam Gear, Crank Gear
TKJP5981	Chain, Cam Gear, Crank Gear
TKMB10	Timing Belt, Balance Belt, Timing Tensioner, Balance Tensioner, Seals
TKMB18	Timing Belt, Balance Belt, Timing Tensioner, Balance Tensioner, Idler, Seals
TKMB2/4	Chain Single Row, Chain Double Row, Tensioner x2, Guide Rail x4, Bolt Guide Rail, Timing Seal
TKMB43	Chain, Tensioner, Guide, Guide Rail
TKMB44	Chain, Tensioner, Guide, Guide Rail
TKMB46	Chain, Tensioner, Guide, Guide Rail x2, Guide Pad, Gasket
TKMB47HT	Belt, Belt, Tensioner, Tensioner, Idler, Idler, Seal Kit
TKMZ10	Chain x2, Guide x2, Guide Rail x3, Timing Cover Gasket Set
TKMZ31	Timing Belt, Tensioner, Seal Kit
TKMZ34	Chain x2, Tensioner, Guides x2, Guide with Spring, Guide Rail x2
TKMZ37	Chain x2, Tensioner, Guide Rail, Nylon Guide Rail, Nylon Guide x2
TKMZ38	Chain Double Row, Chain Single Row, Tensioner, Guide Rail x2, Guide, Guide with Spring
TKMZ39	Chain x2, Tensioners x2, Gear, Guide x2, Guide Rail x2
TKN17	Chain, Tensioner, Guide, Guide Rail x2
TKN18	Chain x3, Tensioner x2, Guide x2, Guide Rail x2
TKN20	Chain x2, Tensioner x2, Guide x5, Guide Rail x2
TKN3	Chain, Tensioner, Guide, Guide Rail, Timing Cover Gaskets
TKN33	Chain, Tensioner, Guide, Guide Rail
TKN34	Chain, Tensioner, Guide, Guide Rail
TKN39	Chain x2, Tensioner x2, Guide Rails x2, Seal
TKN40	Chain, Tensioner, Cam Gear Small, Cam Gear Large, Crank Gear, Guide, Guide Rail

Timing Kit Contents



Part No	Kit Contents
TKN42	Chain x2, Tensioner x2, Guides x3, Seal
TKN44	Chain, Tensioner, Guide, Guide Rail x2
TKN8	Chain, Tensioner, Timing Cover Gaskets
TKNG20	Chain x2, Tensioner, Cam Gear, Crank Gear, Idler Gear, Guide x4, Guide Rail x2
TKNG32	Chain x2, Tensioner x2, Cam Gear, Crank Gear, Idler Gear, Guide x4, Guide Pad, Guide Rail x2
TKNG36	Chain x2, Tensioner x3, Cam Gear x3, Crank Gear, Guide x3
TKNG38	Chain x3, Tensioner x3, Cam Gear x2, Crank Gear, Guide, Guide Rails x2
TKNG42	Chain x2, Hyd Tensioner, Tensioner, Guide, Guide Pad, Gears
TKSZ10	Chain x3, Tensioner x3, Tensioner Guides x6
TKSZ9	Chain x2, Tensioners x2, Tensioner Guides x4
TKSZG10	Chain x3, Crank Gear, Timing Gear x2, Cam Gear x2, Tensioner x2, Guide x4, Guide Rail x1
TKT1	Chain, Tensioner, Pad, Timing Cover Gaskets
TKT10	Chain x2, Tensioner, Guide, Guide Rail, Tensioner Hook
TKT11	Chain, Tensioner, Guide, Guide Rail, Timing Cover Seal, Timing Cover Gasket
TKT12	Chain, Tensioner, Guide, Guide Rail, Timing Cover Seal, Timing Cover Gasket
TKT19	Chain x2, Tensioner x2, Guide, Guide Rail x2, Pad x2, Timing Cover Gasket
TKT2	Chain, Tensioner, Pad, Timing Cover Gasket
TKT20	Chain x2, Tensioner x2, Guide x5, Guide Rail x2
TKT22	Belt, Tensioner, Idler, Seals
TKT25	Belt, Tensioner, Idler, Cam Seal, Crank Seal, Oil Pump Seal, Oil Pump Gasket
TKT2RZ-1	Chain, Tensioner, Guide, Guide Rail, Timing Cover Gaskets
TKT2RZ-2	Chain, Tensioner, Guide, Guide Rail, Timing Cover Gaskets
TKT4/5	Chain x2, Tensioner, Tensioner & Spring, Guide x3, Timing Cover Gaskets & Seal
TKT45B	Belt, Tensioner, Seals
TKT46	Belt, Tensioner, Seals
TKT54HT	Belt, Hydraulic Tensioner, Tensioner Wheel, Seal Kit
TKT6	Chain, Tensioner, Guide Rail x2, Timing Cover Set
TKT61	Chain x2, Tensioner x2, Guide, Guide Rail x2, Guide Pads x3
TKT62	Chain x2, Tensioner & Spring, Tensioner x2, Guide, Guide Rail x2
TKT9	Chain, Tensioner, Guide, Timing Cover Seal & Gasket
TKTG1	Chain, Tensioner, Pad, Crank Gear, Cam Gear, Timing Cover Seal & Gasket
TKTG11	Chain, Tensioner, Guide Rail x2, Timing Cover Seal & Gasket
TKTG12	Chain, Tensioner, Guide Rail x2, Cam Gear, Crank Gear, Gaskets



Timing Chains

BMC	TCH3SR52	TCH MINI MG1100-1800,MINOR,	3SR52
CHEVROLET	TCH3DR66	TCH CHEV BIG BLOCK	3DR66
CHEVROLET	TCH3DR58	TCH CHEV V6/V8	3DR58
CHEVROLET	TCH3SR60HD	TCH CHEV LS1,2 GEN 3,4	3SR60HD
CHRYSLER	TCH3DR58	TCH CHEV V6/V8	3DR58
DAIHATSU	TCH158	TCH DAIHAT TERIOS K3-VE 00-05	TC158
FORD	TCGVVT100	T/GEAR FALC BA 5.4 EXPLORER 4.6	VVT100
FORD	TCH138	TCH FORD ZETEC L3/5 16v 06-1st	TC138
FORD	TCH3SR148	TCH FALC/TER 4.0 DOHC BARRA 02-	3SR148
FORD	TCH391	TCH FALC BA5.4 EXPL 4.6 S/DOC	TC391
FORD	TCH54	TCH FORD ZETEC L3/L5 16v 06-2nd	TC54
FORD	TCHNTC1142	TCH FORD E3,E5 OP 2nd CHN	NTC1142
FORD	TCHNTC1180	TCH FORD G6 90-BALANCE SHFT	NTC1180
FORD	TCH189	TCH FALCON BA 5.4 V8 32v	TC189
FORD	TCH3DR114	TCH FALCON 6 EA-AU2	3DR114
FORD	TCH3DR52	TCH FALCON 6, ZEPHYR 6,	3DR52
FORD	TCH3DR58	TCH FALCON V8	3DR58
FORD	TCH3DR90	TCH FORD E3,E5 1st	3DR90
FORD	TCH3SR46	TCH FORD KENT	3SR46
FORD	TCH362	TCH FORD FALCON6(188) V8(221)	TC362
FORD	TCH364	TCH FALC 200 3.3 250XFLO &NON	TC364
FORD	TCH3DR52	TCH ZEPHYR 6,	3DR52
HILLMAN	TCH3DR54	TCH HILLMAN ENGINES	3DR54
HILLMAN	TCH3SR82	TCH HILLMAN, SUNBEAM, SINGER	3SR82
HOLDEN	TCHNTC370	TCH HOLDEN Z22SE 98- 2nd	NTC370
HOLDEN	TCHNTC384	TCH HOLDEN Z22SE 98- 1st	NTC384
HOLDEN	TCH3DR62	TCH HOLDEN V8,253,308	3DR62
HOLDEN	TCH3SR130HD	TCH HOLDEN Z14XEP,TOY 1ZZFE-07	3SR130HD
HOLDEN	TCH3SR162	TCH HOLD M13A-M16A VVT -07	3SR162
HOLDEN	TCH3SR60HD	TCH HOLDEN (CHEV) LS1,2 GEN3,4	3SR60HD
HOLDEN	TCH375	TCH COMMODORE VN 3.8 SERIES 1	TC375
HOLDEN	TCH381A	TCH COMMODORE VR-VX 3.8 97-	TC381A
HYUNDAI	TCHNTC1	TCH HYUNDAI G4EX-FK	NTC1
JAGUAR	TCH3DR100	TCH JAG 3.8 4.2 1st	3DR100
JAGUAR	TCH3DR82	TCH JAG 2.4,3.4,3.8,4.2	3DR82
JEEP	TCH385	TCH JEEP CHEROKEE 6 94-06	TC385
MAZDA	TCH138	TCH MAZDA L3/5 16v 06-1st	TC138
MAZDA	TCH3SR100	TCH MAZDA NA	3SR100
MAZDA	TCH3SR44	TCH MAZDA TB,TC,D4,D5,UC 2nd	3SR44
MAZDA	TCH3SR90	TCH MAZDA TB,TC 1st CHAIN	3SR90
MAZDA	TCH54	TCH MAZDA L3/5 16v 06-2nd	TC54
MAZDA	TCHNTC1142	TCH MAZDA E3,E5 OP 2nd CAIN	NTC1142
MAZDA	TCHNTC1180	TCH MAZDA G6 90-BALANCE SHFT	NTC1180
MAZDA	TCH3DR100	TCH MAZDA VC 1st	3DR100
MAZDA	TCH3DR106	TCH MAZDA MA DOUBLE	3DR106
MAZDA	TCH3DR90	TCH MAZDA E3,E5 1st	3DR90
MAZDA	TCH3SR102HD	TCH MAZ G6,KA24DE,2TZFE 1/2RZ	3SR102HD
MAZDA	TCH3SR46	TCH MAZDA VC	3SR46
MITSUBISHI	TCHNTC1148	TCH MITSU 4G52,4G53,4G54 2nd	NTC1148
MITSUBISHI	TCH3DR96	TCH MITSU 4G32,33	3DR96
MITSUBISHI	TCH3DR98HD	TCH MITSU 4M40/T TRITON 93-06	3DR98HD

mitsubishi	TCH3DR102	TCH MITSU 4G52,4G53,4G54 1st	3DR102
mitsubishi	TCH3SR110HD	TCH MITSU 4M41T,4M42 02-07	3SR110HD
mitsubishi	TCH3SR98HD	TCH MITSU 4M40/T TRITON 93-06	3SR98HD
NISSAN	TCHOPDC-4245	TCH NISS TB42E/S 2 OP 2nd	OPDC-4245
NISSAN	TCH3DR94HD	TCH NISS YD25DDTi 05-07 LOWER	3DR94HD
NISSAN	TCH3SR106	TCH NISSAN Z24	3SR106
NISSAN	TCH3SR74HD	TCH NISSAN TB45E 4.5 97-01	3SR74HD
NISSAN	TCH1100	TCH NISSAN QG16/18DE 00-06	TC1100
NISSAN	TCH3DR106	TCH NISSAN Z24 DOUBLE	3DR106
NISSAN	TCH3DR110	TCH NISSAN L16/18/24E/26/28	3DR110
NISSAN	TCH3DR114	TCH NISSAN L20	3DR114
NISSAN	TCH3DR52	TCH NISS J	3DR52
NISSAN	TCH3DR54	TCH NISS A's	3DR54
NISSAN	TCH3DR74	TCH NIS TB42E/S-1st	3DR74
NISSAN	TCH3SR124HD	TCH NISS SR20DE, SR20DET	3SR124HD
NISSAN	TCH3SR164	TCH NISSAN QR20/25DE 01-07 1st	3SR164
NISSAN	TCH3SR54HD	TCH NISSAN GA16DE N14/15 92-02	3SR54HD
NISSAN	TCH3SR70	TCH NISSAN QR20/25DE 01-07 2nd	3SR70
NISSAN	TCH3SR76HD	TCH NISSAN CG13DE 95-	3SR76HD
NISSAN	TCH3SR80HD	TCH NISSAN GA16DE	3SR80HD
NISSAN	TCH3SR82ZD30	TCH NISS ZD30DDT/DDTi+COMMRAIL	3SR82ZD30
NISSAN	TCH3SR92HD	TCH NISS KA24DE DOHC93 SGL 1st	3SR92HD
NISSAN	TCH3SR94HD	TCH NISSAN YD25DDTi 05-07	3SR94HD
ROVER	TCH3DR54	TCH ROVR V8	3DR54
ROVER	TCH3DR74	TCH ROVER 2.0/2.2	3DR74
SUZUKI	TCH3SR162	TCH SUZUKI M13A-M16A VVT -07	3SR162
TOYOTA	TCH3DR112	TCH TOY 2M-5M	3DR112
TOYOTA	TCH3SR136HD	TCH TOYOTA 2ZZGE 99-07	3SR136HD
TOYOTA	TCH3SR170-1	TCH TOYOTA 2GR-FS/E3.5 V6 06-	3SR170-1
TOYOTA	TCH3SR174HD	TCH TOYOTA 1GR-FE 3.0 V6 05-	3SR174HD
TOYOTA	TCH3SR46-1	TCH TOYOTA 2GRFE 2006-	3SR46-1
TOYOTA	TCD24	TOYOTA 22RCHAIN GUIDE	TCD24
TOYOTA	TCD25	TOYOTA 22R CHAIN GUIDE	TCD25
TOYOTA	TCHNOPCTOY1	TCH TOYOTA OPC,1AZ/2AZFE -07	OPCTOY1
TOYOTA	TCH3DR52	TCH TOYOTA 5R	3DR52
TOYOTA	TCH3DR56	TCH TOYOTA 3K,4K DBL/CHN	3DR56
TOYOTA	TCH3DR60	TCH TOY 1NZFE,1Y-4Y,2T/C,3SGT	3DR60
TOYOTA	TCH3DR98	TCH TOYOTA 20R,21R,22R DBL ROW	3DR98
TOYOTA	TCH3SR106HD	TCH TOYOTA 2/3RZFE 96-	3SR106HD
TOYOTA	TCH3SR112HD	TCH TOYOTA 1FZ	3SR112HD
TOYOTA	TCH3SR120	TCH TOYOTA 2NZFE 99-05	3SR120
TOYOTA	TCH3SR124-1	TCH TOYOTA 1NZFE 99-05	3SR124-1
TOYOTA	TCH3SR124HD-1	TCH TOYOTA 2TR-FE 05-	3SR124HD-1
TOYOTA	TCH3SR130HD	TCH HOLDEN Z14XEP,TOY 1ZZFE-07	3SR130HD
TOYOTA	TCH3SR134	TCH TOYOTA 1AZ-FE,2AZ-FE 01-07	3SR134
TOYOTA	TCH3SR56	TCH TOYOTA 4K,5K,7K SINGLE ROW	3SR56
TOYOTA	TCH3SR82HD	TCH TOY 3RZ-FE2TR-FE DOHCINNER	3SR82HD
TOYOTA	TCH3SR96	TCH TOY 20/21/22R/C/T/E 82-	3SR96
TOYOTA	TCH3SR98	TCH TOY 20/21/22R/C/T/E 82- CM	3SR98
TOYOTA	TCG4000	TCG TOYOTA 2L/2LT 88-	ATCG4000
TRIUMPH	TCH3SR106	TCH TRIUMPH 3.0 V8	3SR106
TRIUMPH	TCH3SR62	TCH TRIUMPH 2000 63-78	3SR62

Timing Chains



NISSAN NAVARA YD25DDTI TIMING KITS & BRAKE VACUUM PUMPS

We wish to advise all customers that these kits do not contain the brake vacuum pump gear in either of our single row or double row kits. This gear is not available from Nissan Japan as a separate part and can only be purchased with the Brake Vacuum Pump.

We strongly recommend that these units be replaced as not only do the gears themselves wear but the shaft bearings inside the actual pump wear also



Part # BVP14650S

*Is the brake vacuum pump
with the single gear*

Part # BVP14650D

*Is the brake vacuum pump
with the double gear*

These parts are not interchangeable as they have different bolt patterns