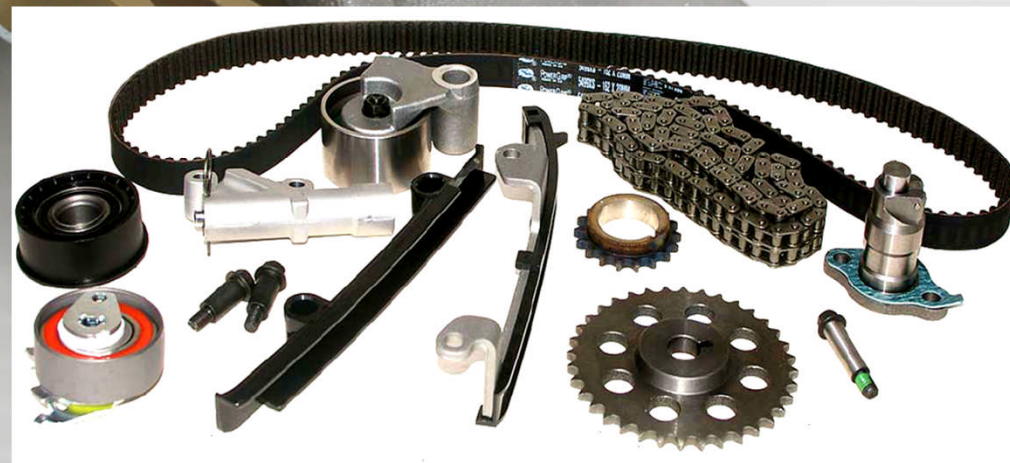


NASON

ENGINE PARTS

*Timing Components &
Cooling Catalogue
January 2016
1300 662 766*



NASON COMPONENT WARRANTY

All components sold by Nason Engine Parts Pty Ltd including its distributors are, unless stated otherwise*guaranteed against faulty workmanship and materials for a period of 12 months or 20,000 kilometres or 500 hours which ever occurs first. The warranty is effective from the date of sale by Nason Engine Parts.

It is the buyer and installers responsibility to ensure all components purchased are the correct fitment for the item that it is replacing. No warranty applies if the component or part has been incorrectly fitted, or has been mistreated, poorly maintained or the damage to the component has been caused by associated parts. In addition no warranty applies if the component is used other than for the purpose for which t is designed or the component or part has been subjected to abnormal conditions or abuse or misuse. It is the vehicle, vessel or equipment owner's responsibility that the component or part undergoes periodic maintenance. Warranty does not apply to non standard applications including Performance and Aviation applications.

Subject to all of the above, any alleged faulty and or damaged components must be returned to Nason Engine Parts (freight prepaid) where they will be inspected. The component or part must be accompanied with a completed Nason Warranty Claim form and a copy of the invoice where the component or part was supplied and any associated damaged parts.

Nason Engine Parts will after we have concluded a component is defective, replace ,repair or adjust the defective component or part, or pay the costs of such repair, replacement or adjustment. Nason Engine Parts reserves its rights to replace defective components with components of a similar quality, grade, or composition, where an identical component is no longer available. Nason Engine Parts accepts no responsibility for any consequential losses, labour costs, loss of profits and or any other costs , damage or expense arising from any defective component nor will it accept any claims from third parties or indirect losses.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.*

Nason Engine Parts Suppliers may vary from this standard warranty for Nason Products ,Components and Parts.

NASON ENGINE PARTS PTY LTD

HEAD OFFICE

Locked bag 1405
Dandenong south VIC 3164
ABN 66 123 867 756
T. 1300 662 766
F. 1300 762 766

NSW

1/10 Hume Road
Smithfield NSW 2164
T. 02 9612 2600
F. 02 9612 2666

QLD

2/44 Boyland Av
Coopers Plains QLD 4108
T. 07 3717 7300
F. 07 3717 7333

VIC

2/5 Monterey Road
Dandenong VIC 3175
T. 03 9797 1115
F. 03 9797 1155

SA

2/3 Lafitte Road
Wingfield SA 5013
T. 08 8368 3700
F. 08 8367 3737

NEW ZEALAND

T. 0800 548 963
F. +613 9797 1155

WA

7/10 Hammond Road
Cockburn WA 6164
T. 08 9395 4500
F. 08 9395 4555

ENGINE PARTS

TIMING KIT AND TIMING BELT CROSS REFERENCE

DAYCO KIT PART NO.	NASON KIT P/NO.	GATES KIT PART NO.	NASON BELT	DAYCO BELT	APPLICATION
KTBA012	TTK46	# N/A	T036	94059	TOYOTA 4A-FC 4A-FE DOHC
KTBA461E	FTK19	# N/A	T1086	94671	FORD FIESTA FY-JA
KTBA001	MBTK19	TCK073	T063	94668	MITSUBISHI G11B G12B SOHC
KTBA002	MBTK20	TCK191A	T191	94216	MITSUBISHI 4G15 SOHC 12V EFI
KTBA003	PRTK1	TCK191B	T191	94216	PROTON 4G13P 4G15P SOHC 12V
KTBA004	MZTK35	TCK179	T149	94492	MAZDA B6T DOHC 16V TURBO
KTBA005	DWTK6	TCK309	T169	94659	HOLDEN DAEWOO C18SEL T18SED
KTBA006	GMTK4	# N/A	T1094	94787	HOLDEN ASTRA WITH PLASTIC IDLE
KTBA007	FTK7	TCK805	T805	94045	FORD 2.0L ESCORT 1971-ON
KTBA008 / 213	DWTK1	# N/A	T310	94266	DAEWOO A15MF DOHC
KTBA009	DWTK2/3	TCK1041	T203	94650	DAEWOO F15S3 HOLDEN C12NZ C14NZ
KTBA010	DWTK4	TCK163	T163	94185	DAEWOO C20LE SOHC 8V
KTBA011	TTK26	TCK200	T200	94321	TOYOTA 3VZ-FE V6 DOHC 4V
KTBA011H	TTK26HT	TCKH200	T200	94321	TOYOTA 3VZ-FE V6 DOHC 4V
KTBA012	TTK59	TCK239	T036		HOLDEN NOVA 4AFC
KTBA013	TTK25	TCK199	T199	94167	TOYOTA 3S-FE 5S-FE DOHC 4V
KTBA014	TTK29	TCK079	T079	94247	TOYOTA 2L OHC DIESEL
KTBA015	TTK45		T236	94289	TOYOTA 4A-FC 4A-FE DOHC
KTBA016	TTK44	TCK235	T235	94290	TOYOTA 7A-FE DOHC
KTBA017	TTK32	TCK098	T098	94242	TOYOTA 1C 2C SOHC DIESEL
KTBA018	TTK31	TCK087	T087	94094	TOYOTA 1S 2S 2S-E SOHC 8V
KTBA019	TTK21	TCK084	T084	94050	TOYOTA L 2L 2L-T SOHC 2V
KTBA020	TTK22	TCK835B	T835	94316	TOYOTA 2L 2L-T 5L 3L SOHC 8V
KTBA021	TTK16	TCK070	T070	94075	TOYOTA 3A 4AC 4ALC SOHC 8V
KTBA022	TTK35	TCK125A	T125	94131	TOYOTA 3S-GTE DOHC 4V TURBO
KTBA023	TTK41	TCK176	T176	94202	TOYOTA 4A-GE DOHC 16V
KTBA024	TTK28	TCK126	T237	94197	TOYOTA 7MGE
KTBA026	NTK22	TCK077	T077	94085	NISSAN E15 E15ET E16 SOHC
KTBA027	NTK26	# N/A	T104	94111	NISSAN VG30 VG30T SOHC 12V
KTBA028	NTK12	TCK175A	T175	94291	HOLDEN/NISSAN RB30
KTBA030	NTK23	TCK078	T078	94087	NISSAN CA20E SOHC 12V
KTBA031	HNTK9	TCK145	T142	94156	HONDA D16Z2 D16A8 DOHC 16V
KTBA032	FTK8	TCK258	T258	94326	FORD 2.0L ZETEC DOHC

** HT ** AT THE END OF A NASON TIMING KIT PART NUMBER DENOTES A KIT WITH A HYDRALIC TENSIONER INCLUDED

DAYCO KIT PART NO.	NASON KIT P/NO.	GATES KIT PART NO.	NASON BELT	DAYCO BELT	APPLICATION
KTBA033	HNTK8	# N/A	T130	94137	HONDA D16A2 D16A3 DOHC 16V
KTBA034	HNTK30	TCK161	T161	94181	HONDA EW2 SOHC 12V
KTBA035	FTK15	TCK294	T294	94801	FORD EDDB DOHC 16V
KTBA036	HNTK14	TCK160	T094	94179	HONDA ES ET
KTBA037	HNTK22	TCK129	T129	94135	HONDA C25A1 C27A2 SOHC V6
KTBA038	HNTK11	TCK143	T143	94158	HONDA D13 D15B SOHC 16V
KTBA039	HNTK4	TCK142	T145	94163	HONDA D16A D16Y4 D16Y7 D16Y8
KTBA040	HNTK19	TCK187	T186/T187	94212/94213	HONDA F22B F22B3/6 F22A1 F22A5
KTBA041	MZTK15	TCK214	T214	94335	MAZDA KL V6 DOHC 2V
KTBA041H	MZTK15HT		T214	94335	MAZDA KL V6 DOHC 2V
KTBA042	MZTK16	TCK807	T077	94085	MAZDA F8 SOHC 8V
KTBA043	MZTK17	TCK077B	T077	94003	MAZDA F8 SOHC 8V
KTBA044	HNTK18	TCK244	T244/T186	94640/94212	HONDA F22B1 VTEC SOHC 16V
KTBA045	MZTK21	TCK228	T228	94287	MAZDA FS DOHC
KTBA046	MZTK32	TCK146	T146	94165	MAZDA JE SOHC 18V V6
KTBA046H	MZTK32HT	# N/A	T146	94165	MAZDA JE SOHC 18V V6
KTBA047	FMZTK6	TCK123	T832	94261	MAZDA FORD B6 SOHC 8V
KTBA048	MZTK12	TCK141	T141	94154	MAZDA B6 SOHC 8V 1985-89
KTBA049	MZTK11	TCK185	T185	94210	MAZDA B3 B5 B6 BP SOHC 8V
KTBA050	MZTK13	TCK179	T179	94206	MAZDA B6 BPD DOHC 4V KIA BF
KTBA051	MZTK27	TCK134	T134	94144	MAZDA F2 SOHC 12V
KTBA052	MZTK26	TCK264	T830	94037	MAZDA FE SOHC 8V/12V
KTBA053	MZTK25	TCK117	T117	94123	MAZDA FE SOHC 8V
KTBA054	MZTK19	TCK829	T829	94036	MAZDA F8 SOHC 8V
KTBA055	MZTK18	TCK809	TA09/T809	94004	MAZDA F8 SOHC 8V
KTBA056	MBTK29	TCK158A	T089/T158	94175	MAZDA F8 SOHC 8V
KTBA057	MBTK6	TCK089C	T089/T090	94175/94177	MAZDA F8 SOHC 8V
KTBA058	MBTK41	TCK139	T139	94152	MAZDA F8 SOHC 12V
KTBA059	MBTK18	TCK167	T167/T168	94736/94195	MAZDA F8 SOHC 12V
KTBA059H	MBTK18HT	TCKH167A	T167/T168	94736/94195	MAZDA F8 SOHC 12V
KTBA061	MBTK8 /37	TCK124	T124	94129/94177	MAZDA F8 SOHC 12V
KTBA062	MBTK22	TCK889	T889	94510	MAZDA F8 SOHC 12V
KTBA063/137	HYTK8	# N/A	T128	94133	MAZDA F8 SOHC 12V
KTBA064	MBTK32	TCK201	T201	94285	MAZDA F8 SOHC 12V
KTBA065	SZTK12	TCK171	T171	94394	MAZDA F8 SOHC 12V

** HT ** AT THE END OF A NASON TIMING KIT PART NUMBER DENOTES A KIT WITH A HYDRALIC TENSIONER INCLUDED

DAYCO KIT PART NO.	NASON KIT P/NO.	GATES KIT PART NO.	NASON BELT	DAYCO BELT	APPLICATION
KTBA066	SZTK11	# N/A	T891	94358	SUZUKI G13B DOHC 16V
KTBA067	SZTK1	TCK095	T095	94103	SUZUKI G10 G13A SOHC 8V
KTBA068	SZTK13	TCK164	T164	94317	SUZUKI G16A SOHC 8V
KTBA070	DHTK11	TCK852	T852	94363	DAIHATSU ED20 SOHC 12V
KTBA071	DHTK7	TCK022	T022	94091	DAIHATSU ED10 SOHC 6V
KTBA072	DHTK4	TCK182	T182	94402	DAIHATSU HE HE-HG SOHC 8V
KTBA073	DHTK8	TCK181	T181	94296	DAIHATSU HC-E SOHC 16V
KTBA074	SUBTK10		T277	94621	SUBARU EJ25 EJ20G DOHC 16
KTBA074H	SUBTK10HT	TCKHT277C	T277	94621	SUBARU EJ25 EJ20G DOHC 16
KTBA075	SUBTK4	TCK254	T172	94201	SUBARU EJ16 EJ18 EJ20 EJ22
KTBA075H	SUBTK4HT	TCKHT254	T172	94201	SUBARU EJ16 EJ18 EJ20 SOHC
KTBA076	GMTK12	TCK121	T121	94093	HOLDEN 4ZB1 4ZC1 SOHC 8V
KTBA077	GMTK13	TCK122	T122	94127	HOLDEN 4ZD1 SOHC 8V
KTBA078	FTK11	TCK294B	T294	94801	FORD 2.0L ZETEC DOHC
KTBA079	GMTK14	TCK147	T147	94166	HOLDEN 4ZE1 SOHC 8V
KTBA080	MBTK39	TCK091	T091/T092	94019/94012	MITSUBISHI 4D55 SOHC 8V
KTBA081	MZTK24	TCK113	T113	94116	MAZDA FE SOHC 8V
KTBA082	HYTK2	TCK191B	T191	94216	HYUNDAI G4EK SOHC 12V
KTBA083	TTK23	TCK859	T859	94323	TOYOTA 1HZ 1HD-FTE 2V DIESEL
KTBA085	MBTK28	# N/A	T089/T090	94175/94177	MITSUBISHI 4G37 SOHC 8V
KTBA086	MBTK29	# N/A	T089/T090	94175/94177	MITSUBISHI 4G37 4G62 SOHC 8V
KTBA087	MBTK33HT	TCK954	T954	94597	MITSUBISHI 6A12G DOHC 12V V6
KTBA087H	MBTK34	# N/A	T954	94597	MITSUBISHI 4G63 SOHC 8V
KTBA088	MZTK23	# N/A	T088	94096	MAZDA FE SOHC 8V
KTBA089	MZTK16	# N/A	T077	94003	MAZDA F8 SOHC 8V
KTBA090	TTK49	TCK271	T271	94855	TOYOTA 5VZ-FE DOHC 24V V6
KTBA090H	TTK49HT	TCKH271	T271	94855	TOYOTA 5VZ-FE DOHC 24V V6
KTBA091	FTK12	# N/A		94934	FORD 4DA 95PS 100PS OHV 8V
KTBA092	HNTK16	TCK142A	T142	94156	HONDA B20A B20A6 DOHC
KTBA093	GMTK5	TCK1094	T1094	94787	HOLDEN Z18XE METAL/IDLE
KTBA094	NTK29	TCK249	T249	94464	NISSAN VG30 VG33 SOHC 12V
KTBA096	MBTK40	TCK961	T961/T724	94658/94522	MITSUBISHI 4D56 4D56-T DIESEL
KTBA097	GMTK28	# N/A	T860	94263	HOLDEN 20XE DOHC
KTBA098	GMTK33	# N/A	T778	94769	HOLDEN C20LET
KTBA099	MBTK16	TCK287	T287	94807	MITSUBISHI 6G74 SOHC 24V

** HT ** AT THE END OF A NASON TIMING KIT PART NUMBER DENOTES A KIT WITH A HYDRALIC TENSIONER INCLUDED

DAYCO KIT PART NO.	NASON KIT P/NO.	GATES KIT PART NO.	NASON BELT	DAYCO BELT	APPLICATION
KTBA099H	MBTK16HT	TCKH287	T287	94807	MITSUBISHI 6G74 SOHC 24V
KTBA100	TTK27	TCK257	T257	94539	TOYOTA 1MZ-FE DOHC 4V
KTBA100H	TTK27HT	TCKH257	T257	94539	TOYOTA 1MZ-FE DOHC 4V
KTBA101	KT1028	TCK032	T032	94057	VOLVO B230
KTBA102	MZTK24	# N/A	T113	94116	MAZDA FE SOHC 8V
KTBA103	KT1001	TCK017	T017	94017	AUDI/PORSCHE/VW
KTBA104 / 197	MBTK12	TCK230	T168/T232	94195/94468	MITSUBISHI 4G64 4G63 SOHC 16V
KTBA104/197H	MBTK12HT	# N/A	T168/T232	94195/94468	MITSUBISHI 4G64 4G63 SOHC 16V
KTBA105	MBTK35	TCK229	T229/T168	94462/94195	MITSUBISHI4D56Di-T DOHC 16V
KTBA106	MBTK25	# N/A	T089/T090	94175/94177	MITSUBISHI G32B SOHC 8V
KTBA107	MBTK21	TCK289	T289	94809	MITSUBISHI 4G15 SOHC 12V
KTBA108	DHTK9	TCK178	T178	94032	DAIHATSU CB SOHC 16V
KTBA109	SUBTK7	TCK299	T115/T300	94427/94442	SUBARU EA82 & TURBO SOHC 8V
KTBA110	SZTK2	TCK166	T166	94192	SUZUKI G10 SOHC 8V
KTBA111	TTK17	TCK900	T900	94763	TOYOTA 4E-FE DOHC
KTBA112	MZTK14	TCK308	T308	94869	MAZDA B6 ZMD DOHC
KTBA113	MBTK14	TCK259	T259	94495	MITSUBISHI 6G72 V6 SOHC 24V
KTBA113H	MBTK14HT	TCKH259	T259	94495	MITSUBISHI 6G72 V6 SOHC 24V
KTBA114	MBTK23	TCK064	T064	94070	MITSUBISHI 4G32 SOHC 8V
KTBA115	TTK34	# N/A	T125	94131	TOYOTA 3S-GE DOHC
KTBA116	DWTK7	TCK289A	T289	94809	DAEWOO F8CV OHV 16V
KTBA117	TTK40	TCK157	T157	94173	TOYOTA 2VZ-FE DOHC 24V V6
KTBA118	NTK30	TCK928		94406	NISSAN RD28 RD28T DIESEL
KTBA119	MZTK33	# N/A	T183	94270	MAZDA JE DOHC 24V V6
KTBA119H	MZTK33HT	TCKH183	T183	94270	MAZDA JE DOHC 24V V6
KTBA120	MBTK30	TCK935	T935	94494	MITSUBISHI 4G93 4G93T T/DOHC
KTBA120H	MBTK30HT	# N/A	T935	94494	MITSUBISHI 4G93 4G93T T/DOHC
KTBA121	MBTK42	TCK253	T253	94596	MITSUBISHI 6G74 DOHC 24V
KTBA121H	MBTK42HT	# N/A	T253	94596	MITSUBISHI 6G74 DOHC 24V
KTBA122	DWTK5	TCK305C	T305	94824	DAEWOO T22SED DOHC 16V
KTBA123	MBTK13	# N/A	T168/T230	94463/94195	MIT 4G64 4G63 16V SOHC
KTBA123H	MBTK13HT	# N/A	T168/T230	94463/94195	MIT 4G64 4G63 16V SOHC
KTBA124	HYTK1	TCK282	T282	94660	HYUNDAI G4EC/FK DOHC 16V
KTBA125	SZTK14	TCK212	T212	94451	SUZUKI G16B SOHC 16V
KTBA126	HNTK28	TCK223	T223	94618	HONDA EJ EM

** HT ** AT THE END OF A NASON TIMING KIT PART NUMBER DENOTES A KIT WITH A HYDRALIC TENSIONER INCLUDED

DAYCO KIT PART NO.	NASON KIT P/NO.	GATES KIT PART NO.	NASON BELT	DAYCO BELT	APPLICATION
KTBA127	HNTK6	TCK224	T224	94319	HONDA D16W1 D16Y VTEC SOHC
KTBA128	MBTK5	# N/A	T320	94953	MITSUBISHI 6G74 6G75 SOHC 24V
KTBA128H	MBTK5HT	TCKH320	T320	94953	MITSUBISHI 6G74 6G75 SOHC 24V
KTBA129	MBTK9	TCK155	T090/T155	94177/94269	MITSUBISHI 4G63 60MM FLAT IDLE
KTBA130	MBTK27	TCK165A	T165	94735	MITSUBISHI 4G61 DOHC
KTBA130H	MBTK27HT	# N/A	T165	94735	MITSUBISHI 4G61 DOHC
KTBA131	MBTK26	TCK013A	T013/T062	94045/94067	MITSUBISHI 4G32 SOHC 8V
KTBA132	TTK56	# N/A	T176	94202	TOYOTA 6A-FC DOHC
KTBA133	MBTK31	TCK288	T288	94822	MITSUBISHI 4G93 SOHC
KTBA134	MZTK26	# N/A	T830	94398	MAZDA FE SOHC 8V/12V
KTBA135	KITK3	TCK281	T872	94397	KIA FE FE-D DOHC
KTBA136	HYTK12	# N/A	T165/T168	94735/94195	HYUNDAI G4CR DOHC 16V
KTBA138	HNTK7	TCK227	T227	94469	HONDA D16A8 B16A 2 DOHC 16V
KTBA139	HNTK37	TCK216	T216/T186	94433/94212	HONDA H23A1
KTBA140	HNTK20	TCK226	T186/T226	94212/94665	HONDA H22A1 VTEC DOHC
KTBA141	HNTK24	TCK1064	T193	94218	HONDA C32A2 C32A3 SOHC V6
KTBA142	GMTK11	# N/A	T960	94833	HOLDEN C16XE DOHC
KTBA143	MBTK25	# N/A	T089/T168	94175/94195	MITSUBISHI G32B SOHC 8V
KTBA144	MBTK10	TCK933	T933/T168	94695/94195	MITSUBISHI 4G63 SOHC 8V 16V
KTBA145	GMTK22	TCK285A	T285	94825	HOLDEN C25XE X25XE DOHC 24V V6
KTBA146	MZTK23	TCK088	T088	94096	MAZDA FE SOHC 8V
KTBA147	NTK25	TCK1032	T1032	94841	NISSAN RD28 RD28T DIESEL
KTBA149	GMTK9	TCK1022	T1022	94662	HOLDEN X20SE SOHC 8V
KTBA150	GMTK21	TCK285C	T285	94825	HOLDEN C25XE X25XE DOHC 24V V6
KTBA151	TTK33	# N/A	T101	94107	TOYOTA 5M-GE DOHC 12V
KTBA152	TTK18	TCK208	T208	94352	TOYOTA 5E-FE DOHC
KTBA153	TTK54	TCK988	T988	94726	TOYOTA 1KZ-TE SOHC TURBODIESEL
KTBA153H	TTK54HT	TCKH988	T988	94726	TOYOTA 1KZ-TE SOHC TURBODIESEL
KTBA154	MZTK29	TCK822	T822	94359	MAZDA R2 SOHC 2V DIESEL
KTBA155	MZTK20	TCK316	T316	94854	MAZDA FP DOHC
KTBA156	SZTK16	# N/A	T855	94501	SUZUKI F5A 3 Cyl SOHC 6V
KTBA157	GMTK25/26	TCK844	T844	94409	HOLDEN 4JA1 4JB1 4JB2 4JG2
KTBA158	MBTK24WO	# N/A	T093	94006	MITSUBISHI G32B SOHC 8V
KTBA159	FTK14	# N/A		94935	FORD 2.5L 4 CYL TURBO DIESEL
KTBA160	SUBTK8		T304	94866	SUBARU EJ20 EJ25 SOHC 16V

** HT ** AT THE END OF A NASON TIMING KIT PART NUMBER DENOTES A KIT WITH A HYDRALIC TENSIONER INCLUDED

DAYCO KIT PART NO.	NASON KIT P/NO.	GATES KIT PART NO.	NASON BELT	DAYCO BELT	APPLICATION
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KTBA160H	SUBTK8HT	TCKHT304	T304	94866	SUBARU EJ20 EJ25 SOHC 16V
KTBA161	SUBTK5		T277	94621	SUBARU EJ20G EJ20 EJ20T EJ25T
KTBA161H	SUBTK5HT	TCKHT277C	T277	94621	SUBARU EJ20G EJ20 EJ20T EJ25T
KTBA162	TTK42	# N/A	T190	94215	TOYOTA 1UZ-FE DOHC 32V V8
KTBA162H	TTK42HT	# N/A	T190	94215	TOYOTA 1UZ-FE DOHC 32V V8
KTBA163	TTK43	TCK215	T215	94535	TOYOTA 2JZ-GE DOHC 24V
KTBA163H	TTK43HT	# N/A	T215	94535	TOYOTA 2JZ-GE DOHC 24V
KTBA165	TTK38	TCK154	T154	94172	TOYOTA 3VZ-E SOHC 12V V6
KTBA166	TTK47	TCK240	T154	94172	TOYOTA 3VZ-E SOHC 12V V6
KTBA166H	TTK47HT	# N/A	T154	94172	TOYOTA 3VZ-E SOHC 12V V6
KTBA167	GMTK20	# N/A	T221	94471	HOLDEN 6VD1 SOHC 24V
KTBA167H	GMTK20HT	# N/A	T221	94471	HOLDEN 6VD1 SOHC 24V
KTBA168	GMTK23	TCK303	T303	94826	HOLDEN 6VD1 6VE1 DOHC 24V V6
KTBA168H	GMTK23HT	TCKH303	T303	94826	HOLDEN 6VD1 6VE1 DOHC 24V V6
KTBA169	TTK51		T098	94524	TOYOTA 3S-GE 3S-GTE DOHC
KTBA170	TTK24	TCK1059	T1059	94925	TOYOTA 1HZ SOHC 12V
KTBA170H	TTK24HT	TCKH1059	T1059	94925	TOYOTA 1HZ SOHC 12V
KTBA171	TTK55	TCK797B	T797	94831	TOYOTA 1HD-FT DIESEL
KTBA171H	TTK55HT	TCKH797	T797	94831	TOYOTA 1HD-FT DIESEL
KTBA172	KT1007	TCK131	T131	94139	BMW M20B25
KTBA173	HYTK9	TCK1040B	T1040	94988	HYUNDAI G4EA DOHC
KTBA174	HYTK14	TCK1327	T1327	94919	HYUNDAI G4GM G4GB DOHC 16V
KTBA176	KITK2	TCK302	T302	94616	KIA TB TE DOHC
KTBA177/184	HYTK15	# N/A	T284	94676	HYUNDAI G4GC G4GF G4GCX DOHC
KTBA178	HYTK17	TCK315	T315	94838	HYUNDAI G6BA G6BV DOHC V6
KTBA178H	HYTK17HT	# N/A	T315	94838	HYUNDAI G6BA G6BV DOHC V6
KTBA179	HYTK4	# N/A	T1024	94888	HYUNDAI G6CT DOHC V6 24V
KTBA179H	HYTK4HT		T1024	94888	HYUNDAI G6CT DOHC V6 24V
KTBA180	KITK1	TCK318	T318	94938	KIA A5D DOHC 16V
KTBA181	KITK4	TCK1015	T1015/T1016	94786/94790	KIA K5 KV6 2497cc DOHC V6
KTBA181H	KITK4HT	# N/A	T1015/T1016	94786/94790	KIA K5 KV6 2497cc DOHC V6
KTBA182	HYTK5	TCK1038	T314/T1038	94836/94837	HYUNDAI G4JP DOHC 16V
KTBA182H	HYTK5HT	# N/A	T314/T1038	94836/94837	HYUNDAI G4JP DOHC 16V
KTBA183	HYTK16	TCK313	T313/T314	94952/94836	HYUNDAI G4JS DOHC
KTBA183H	HYTK16HT	# N/A	T313/T314	94952/94836	HYUNDAI G4JS DOHC 16V

** HT ** AT THE END OF A NASON TIMING KIT PART NUMBER DENOTES A KIT WITH A HYDRALIC TENSIONER INCLUDED

DAYCO KIT PART NO.	NASON KIT P/NO.	GATES KIT PART NO.	NASON BELT	DAYCO BELT	APPLICATION
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KTBA186	GMTK35	TCK335		941025	Holden F16D DOHC 16V
KTBA188	TTK50	TCK298	T298	94865	TOYOTA 2UZ-FE DOHC 24V V8
KTBA188H	TTK50HT	TCKH298	T298	94865	TOYOTA 2UZ-FE DOHC 24V V8
KTBA189	SUBTK12	# N/A	T172	94201	SUBARU EJ20E SOHC 16V
KTBA189H	SUBTK12HT	TCKHT172	T172	94201	SUBARU EJ20E EJ16 EJ22SOHC 16V
KTBA191	NTK21	TCK180	T251	94702	NISSAN VG30DE DOHC VG30DETT
KTBA192	MZTK31	TCK741A	T741	94791	MAZDA WL WL-T DIESEL
KTBA193	MZTK31	TCK741B	T741	94791	MAZDA WL WL-T DIESEL
KTBA194	MZTK22	# N/A	T294	97801	MAZDA YF DOHC 16V
KTBA195	MBTK45	TCK201A	T201	94282	Mitsubishi 4G93 SOHC 16V
KTBA196	MBTK49	# N/A	T168	94195	MITSUBISHI 4G69 SOHC 16V
KTBA196H	MBTK49HT		T168	94195	MITSUBISHI 4G69 SOHC 16V
KTBA198	SZTK5	# N/A	T070	94075	HOLDEN SCURRY F10A
KTBA201	HNTK13	TCK184	T184	94208	HONDA B18A1 B18B1 B18B2 B18B3
KTBA206	MBTK52	TCK195	T195	94337	MITSUBISHI 6G72 V6 DOHC 24V
KTBA206H	MBTK52HT	# N/A	T195	94337	MITSUBISHI 6G72 V6 DOHC 24V
KTBA207	HNTK17	# N/A	T186	94961/94212	HONDA F20A F22Z6 H22A4 DOHC
KTBA209	KT1297		T1086	94671	FORD FYJ
KTBA210	GMTK36	# N/A		94987	HOLDEN Z19DT SOHC 8V T/DIESEL
KTBA211/268	GMTK37	# N/A	T1609	94976	HOLDEN /ALFA Z19DTH DOHC T/DIES
KTBA212	GMTK17	# N/A	T1566	94945	HOLDEN Z20LET DOHC 16V
KTBA215	GMTK24	TCK1566	T312	94932	HOLDEN 4JX1 TURBO DIESEL
KTBA216	PRTK3	# N/A	T1587	941039	PROTON / S4PH
KTBA217	CHTK5	# N/A	T245	94461	CHRYSLER SR4E
KTBA217H	CHTK5HT	# N/A	T245	94461	CHRYSLER SR4E
KTBA218	HNTK23	TCK286	T286	94856	HONDA J30A1 SOHC V6 4V
KTBA218H	HNTK23HT	# N/A	T286	94856	HONDA J30A1 SOHC V6 4V
KTBA219	HNTK10	# N/A	T247	94534	HONDA B18C2
KTBA220	HNTK12	TCK312	T312	94932	HONDA D17Z1 D17A2 VTEC SOHC
KTBA221	TTK57	TCK1511		94980	TOYOTA 1KD-FTV 2KD-FTV DOHC
KTBA221H	TTK57HT	TCKH1511		94980	TOYOTA 1KD-FTV 2KD-FTV DOHC
KTBA222	CHTK7	# N/A	T246	94537	CHRYSLER ECC
KTBA222H	CHTK7HT	# N/A	T246	94537	CHRYSLER ECC
KTBA223	MBTK48	# N/A		94904	MITSUBISHI 4G18 SOHC 16V
KTBA225	MBTK33	# N/A	T201	94285	MITSUBISHI 6A12G DOHC 12V V6

** HT ** AT THE END OF A NASON TIMING KIT PART NUMBER DENOTES A KIT WITH A HYDRALIC TENSIONER INCLUDED

DAYCO KIT PART NO.	NASON KIT P/NO.	GATES KIT PART NO.	NASON BELT	DAYCO BELT	APPLICATION
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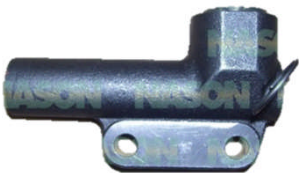
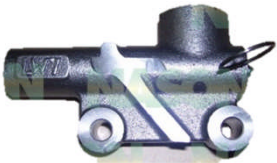
KTBA228	CHTK8	# N/A	T246	94537	CHRYSLER ECC
KTBA229	CHTK1	# N/A	T265	94536	CHRYSLER EDZ
KTBA232	LRTK2	# N/A	T1031	94566	LANDROVER 2.5L
KTBA233	LRTK3	# N/A	T1031	94566	LANDROVER 2.5L
KTBA234	KT1109	# N/A			LANDROVER 18K
KTBA235	TCK1093	TCK1050	T1093	94906	LANDROVER/MG
KTBA236	TCK1514	TCK1514	T1514/T1513	94753/94754	LANDROVER
KTBA237	LRTK4	# N/A	T326/T327	94719/94720	LANDROVER 25K4F
KTBA238	TTK50	# N/A	T298	94865	TOYOTA 2UZ-FE DOHC 24V V8
KTBA239	CHTK6	# N/A	T245	94461	CHRYSLER SR4E
KTBA240	SZTK3	# N/A	T241	94333	SUZUKI G10A SOHC 8V
KTBA241	SZTK18	# N/A	T135	94147	SUZUKI G13A SOHC 8V
KTBA242	SZTK7	TCK194	T194	94221	SUZUKI G13BB SOHC 16V
KTBA243	GMTK18	# N/A	T162	94183	HOLDEN 4XC1 SOHC 8V
KTBA244	GMTK16	TCK1502	T1502	941010	HOLDEN C22NE,Y24SE SOHC 8V
KTBA245	SUBTK11		T307	94917	SUBARU EJ20 EJ25 SOHC 16V
KTBA245H	SUBTK11HT		T307	94917	SUBARU EJ20 EJ25 SOHC 16V
KTBA247	HNTK25	# N/A	T279/280	94913/94915	HONDA C32A2 C32A3 SOHC V6
KTBA248	KT1214	# N/A	T739/T740	94774/94523	VW / ACF, AUF, AAB, AJA, AVR
KTBA249	HNTK35	# N/A		94994	HONDA J35A2 J35A5 J35A8 SOHC
KTBA249H	HNTK35HT	# N/A		94994	HONDA J35A2 J35A5 J35A8 SOHC
KTBA250	TTK58		T257	94539	TOYOTA 3MZ-FE DOHC 24V
KTBA250H	TTK58HT	TCKH257A	T257	94539	TOYOTA 3MZ-FE DOHC 24V
KTBA251	DHTK10	TCK1055	T1055	94933	DAIHATSU EJ-DE DOHC 12V
KTBA253	MZTK36	TCKH1601		941027	MAZDA WL-C WE DIESEL
KTBA254	GMTK39	TCK1626		941031	HOLDEN Z201S SOHC 16V T/DIESEL
KTBA255	KT1371	TCK1634	T1634	94982	SUZUKI/RENAULT
KTBA256	MBTK3	# N/A	T230/T168	94663/94195	MITSUBISHI 4G64-S4 SOHC 16V
KTBA256H	MBTK3HT	# N/A	T230/T168	94663/94195	MITSUBISHI 4G64-S4 SOHC 16V
KTBA257	HYTK19	TCK284A	T284	94676	HYUNDAI G4GC DOHC 16V W/CVVT
KTBA258	HYTK6	# N/A	T1048	941007	HYUNDAI G6CU DOHC 24V V6
KTBA258H	HYTK6HT	# N/A	T1048	941007	HYUNDAI G6CU DOHC 24V V6
KTBA259	HYTK11	TCK1098		94968	HYUNDAI/KIA D4EA,D4EB,D4HB
KTBA260	SZTK17	# N/A	T272	94530	SUZUKI G13BA
KTBA261	GMTK38	TCK338		94974	HOLDEN Z18XER F18D4 DOHC 16V

** HT ** AT THE END OF A NASON TIMING KIT PART NUMBER DENOTES A KIT WITH A HYDRALIC TENSIONER INCLUDED

DAYCO KIT PART NO.	NASON KIT P/NO.	GATES KIT PART NO.	NASON BELT	DAYCO BELT	APPLICATION
KTBA262	KITK6	TCK1568	T1568	94949	HYUNDAI/KIA
KTBA263	GMTK19	# N/A	T220	94642	HOLDEN 6VD1 DOHC 24V
KTBA263H	GMTK19HT	# N/A	T220	94642	HOLDEN 6VD1 DOHC 24V
KTBA264	MBTK15	TCK167C	T168/T137	91036/941037	MITA 4G63 4G63T HYUN G4CN G4CP
KTBA264H	MBTK15HT	# N/A	T168/T137	91036/941037	MITA 4G63 4G63T HYUN G4CN G4CP
KTBA265	MBTK13	# N/A	T168/T230	91036/941037	GREAT WALL V240, X240
KTBA265H	MBTK13HT	# N/A	T168/T230	91036/941037	GREAT WALL V240, X240
KTBA269	SZTK5	# N/A	T070	94075	SUZUKI F10A F8A F8B SOHC 8V
KTBA270	MZTK40	# N/A		941034	MAZDA 6 RF DIESEL
KTBA271	DHTK6	TCK842	T842	94413	DAIHATSU DL DLT DIESEL
KTBA276	KT1109	TCK1093	T613	94371	MG/MGF 18K
KTBA277	KITK5			941046	KIA HYUNDAI G6EA DOHC 16V V6
KTBA277H	KITK5HT	# N/A		941046	KIA HYUNDAI G6EA DOHC 16V V6
KTBA280	KT1133	TCK296	T296	94730	VW / AQY, AYD, BER, BFS
KTBA281	MBTK35HT	# N/A	T724	941043/94522	MITSUBISHI 4D56Di-T DOHC 16V
KTBA281H1	MBTK36	# N/A	T724	941043/94522	MITSUBISHI 4D55 & TURBO DIESEL
KTBA282	TTK37	TCK885	T885	941075	LEXUS IS200
KTBA283	MBTK50	TCK1586		941076	MITSUBISHI 4G15 16V DOHC
KTBA284	MBTK17	# N/A		941077	MITSUBISHI OUTLANDER 6B31
KTBA284H	MBTK17HT	# N/A		941077	MITSUBISHI OUTLANDER 6B31
N/A	FTK23	# N/A	T1086	94671	FORD FIESTA FY-JA
N/A	HNTK20HT	# N/A	T186/T226	94212/94665	HONDA H22A1 VTEC DOHC

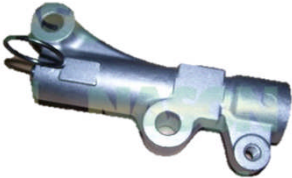
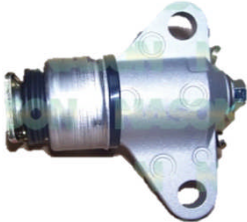
** HT ** AT THE END OF A NASON TIMING KIT PART NUMBER DENOTES A KIT WITH A HYDRALIC TENSIONER INCLUDED

NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBT102-OE		TOYOTA 1G-FE 2.0L 6CYL DOHC 24V Intergrated Hydraulic Tensioner
NBT988-OE		MAZDA WL-C & WE DIESEL 2.5/3.0L 4CYL DOHC 16V Intergrated Hydraulic Tensioner
NBTH002-OE		HYUNDAI G6BA G6BV 2.5/2.7L V6 DOHC 24V ** Can use NBTH1075-OE **
NBTH003-OE		HYUNDAI G6CTX 3.0L V6 DOHC 24V

Suffix OE = OEM packaged product or OEM manufacturers package.

NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH004-OE		Toyota 1MZ-FE 3MZ-FE 3.0L V6 DOHC 24V
NBTH005-OE		Mitsubishi 6G72 6G75 3.0/3.8L V6 SOHC 24V
NBTH006		HONDA H22A1 H22A4 2.2L 4CYL DOHC 16V
NBTH007		Mitsubishi 6B31 3.0L V6 SOHC 24V

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NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH008		VOLKSWAGEN AWU AGU AWT 1.8L 4CYL DOHC 20V
NBTH009		CHRYSLER NEON 2.0L 4CYL DOHC 16V
NBTH970		SUBARU EJ20 EJ25 2.0/2.5L 4CYL S/DOHC 16V
NBTH1000-OE		SUBARU EJ16 EJ20 EJ25 EJ22 1.6 To 2.5L 4CYL S/DOHC 16V

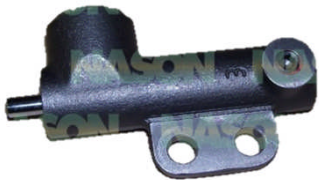
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NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH1001-OE		MITSUBISHI 4G64-4 2.4L 4CYL SOHC 16V
NBTH1002-OE		TOYOTA 1UZ-FE 2UZFE 4.0/4.7L V8 DOHC 32V
NBTH1002-OE		34.5 MM Distance between bolt holes
NBTH1003		HONDA J30/35 3.0/3.5L V6 SOHC 24V

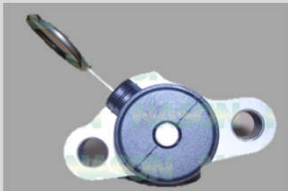
Suffix OE = OEM packaged product or OEM manufacturers package.

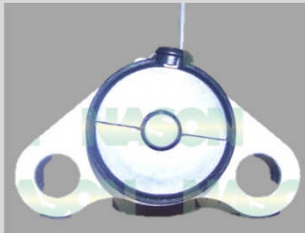
NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH1004		HONDA J30A1 3.0L V6 SOHC 24V
NBTH1005		NISSAN VG30DE 3.0L V6 DOHC 24V
NBTH1010-OE		TOYOTA 1HD-FT 1HD-FTE 4.2L 6CYL SOHC 24V

Suffix OE = OEM packaged product or OEM manufacturers package.

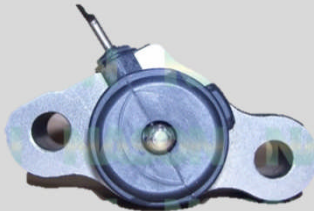
NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH1015-OE		Toyota 1MZ-FE 3MZ-FE 3.0L V6 DOHC 24V
NBTH1015-OE		57.60 MM Distance between bolt holes

NBTH1025-OE		LEXUS 1,2 3UZFE 2JZ 6CYL & V8 DOHC 24/32V
NBTH1025-OE		51.75 MM Distance between bolt holes

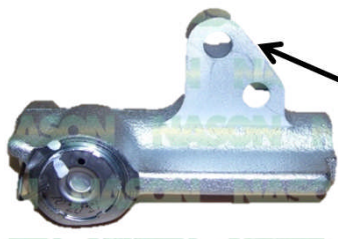
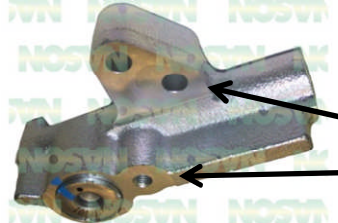
Suffix OE = OEM packaged product or OEM manufacturers package.

NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH1031		MITSUBISHI 4G93 4G93T 1.8L 4CYL DOHC 16V
NBTH1035-OE		TOYOTA 3VZ-FE , 5VZ-FE 3.0/3.4L V6 DOHC 24V
NBTH1035-OE		57.20 MM Distance between bolt holes

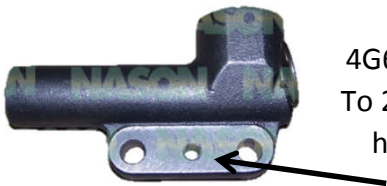
Suffix OE = OEM packaged product or OEM manufacturers package.

NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH1045-OE		TOYOTA 1KZ-TE 1/2KD-FTV 4CYL 2.5 / 3.0L S/DOHC 8V & 16V
NBTH1050-OE		TOYOTA 3S-GE 2.0L 4CYL DOHC 16V Bolt holes are 11mm.
NBTH1055-OE		TOYOTA 3S-GTE 2.0L 4CYL DOHC 16V Bolt holes are 8mm.
NBTH1060		TOYOTA 3SGTE MR2 2.0L 4CYL DOHC 16V Bolt holes are 8mm with a 6mm screw hole.

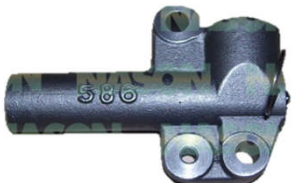
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NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH1065		ISUZU 6VD1 3.2L V6 SOHC 24V Length 90.85mm
NBTH1070-OE		ISUZU 6VD1 6VE1 3.2 / 3.5L V6 DOHC 24V Length 69.5mm
NBTH1074-OE		MITSUBISHI 4D56Di-T 2.5L 4CYL DOHC 16V Common Rail
NBTH1075-OE		HYUNDAI, MITSUBISHI 4G63 G4CP G4CR G4CN 1.6 To 2.0L 4CYL DOHC 16V MUST have central bolt hole for timing cover

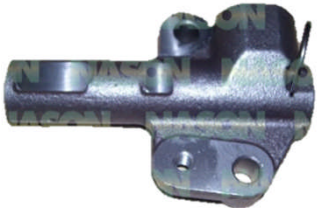
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NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH1076-OE		MITSUBISHI LANCER EVO 4 TO 7 2.0L 4CYL DOHC 16V
NBTH1077-OE		MITSUBISHI 4G15/T 1.5L 4CYL DOHC 16V
NBTH1080-OE		MITSUBISHI 6G72 6G74 6G75 3.0 To 3.8L V6 S/DOHC 24V
NBTH1085		MITSUBISHI 4G63 2.0L 4CYL DOHC 16V

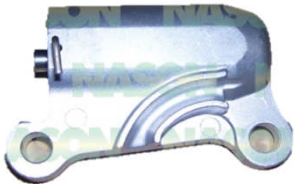
Suffix OE = OEM packaged product or OEM manufacturers package.

NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH1090-OE		HYUNDAI/MITSUBISHI G4JP, G4JS, 4G63 4G63-T 2.0L 4CYL DOHC 16V
NBTH1095-OE		mitsubishi 6A12 2.0L V6 DOHC 24V
NBTH1101		KIA K5 2.5L V6 DOHC 24V
NBTH1102-OE		HYUNDAI / KIA G6EA 2.7L V6 DOHC 24V

Suffix OE = OEM packaged product or OEM manufacturers package.

NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH2000		MITSUBISHI 6G74 3.5L V6 DOHC 24V
NBTH2006		FORD/MAZDA JE 3.0L V6 SOHC 18V
NBTH2007		MAZDA JE-ZE 3.0L V6 DOHC 24V
NBTH2008-OE		MAZDA 6 MZR-CD 2.2L 4CYL SOHC 16V DIESEL

Suffix OE = OEM packaged product or OEM manufacturers package.

NASON'S HYDRAULIC TENSIONER'S

PART #	PHOTO	MODEL / FITMENT
NBTH421		FORD MAZDA K8 KF KL 1.8 / 2.0 / 2.5L V6 DOHC 24V

Water Pump Cross Reference

Tru Flo #	Nason #	Partco #	Nason #
TF1000	W1000	1000	W1000
TF1009	W1009	1068	W3131
TF1014	W1014	2079	W2079P
TF1018	W1018	3035	W3035
TF1020	W1020	3046	W3046
TF1022	W1022	3047	W3047
TF1025	W1025	3071	W3071
TF1027	W1027	3079	W3079P
TF1028	W1028	3081	W3081
TF1032	W1032	3082	W3082
TF1039	W4000A	3083	W3083
TF1040	W1040	3084	W3084
TF1053	W1053	3091	W3091
TF1055	W1055	3095	W3095
TF1058	W1058	3096	W2041
TF1061	W1061	3106	W3106
TF1063	W1063	3147	W3147
TF1090	W1090	3205	W3205
TF1100	W1100	3230	W1020
TF1120	W1120	4002	W3086
TF1130	W1130	4011	W4011
TF1132	W3062	4012	W4012
TF1150	W1150	4014	W4014
TF1160	W1160	4017	W1975
TF1170	W1170	4018	W7007
TF1200	W1200	4019	W7006
TF1210	W1210	4020	W8190
TF1220	W1220	4021	W4021
TF1408	W1408	4022	W8191

Water Pump Cross Reference

Tru Flo #	Nason #		Partco #	Nason #
TF1551	W1551		4024	W4024
TF1553	W1553		4026	W4026
TF181	W181		4027	W4027
TF2003	W2003		4075	W8220
TF2007	W2007		4091	W3146
TF2008	W3012		5000	W5000
TF2017	W2017		5002	W5002
TF2025	W2025		5003	W5003
TF2027	W2027		5013	W5013
TF2032	W2032		5020	W3048
TF2040	W2040		5023	W5023
TF2051	W2051		5072	W3148
TF2079	W2079		6001	W2008
TF2079P	W2079P		6002	W3029
TF2154	W2154		6003	W6003
TF216	W216		6013	W6013
TF2189	W2189		6027	W5010
TF2191	W2191		6056	W6056
TF220	W220		6071	W3142
TF2358	W2358		6091	W3067
TF2453	W3156		6380	W6380
TF2477	W2477		6539	W3174
TF2512	W2512		6754	W3169
TF2565	W2565		7000	W3346
TF2593	W2593		7005	W4019
TF2614	W2614		7007	W4020
TF2646	W2646		7008	W3056
TF2663	W2180		7009	W3109
TF2671	W2671		7010	W3128

Water Pump Cross Reference

Tru Flo #	Nason #		Partco #	Nason #
TF2735	W2735		7011	W7011
TF2799	W2799		7012	W4054
TF2800	W2800		7013	W7013
TF2953	W2953		7014	W7014
TF2962			7015	W3032
TF2990	W2990		7016	W7016
TF3000	W4000A		7017	W7017
TF3003	W3003		7018	W3057
TF3004	W3004		7020	W7020
TF3008	W3008		7021	W4498
TF3009	W3009		7022	W2180
TF3010	W3010		7023	W2189
TF3012	W3012		7025	W4105
TF3013	W3013		7026	W7002
TF3014	W3014		7027	W3031
TF3015	W3015		7028	W7028
TF3016	W3016		7029	W7029
TF3018	W3018		7030	W2565
TF3019	W3019		7031	W7031
TF3020	W3020		7032	W3103
TF3022	W3022		7033	W3064
TF3023	W889		7035	W7035
TF3024	W3024		7036	W7036
TF3026	W3026		7037	W7037
TF3027	W3027		7038	W8158
TF3028	W3028		7040	W3102
TF3030	W3030		7046	W3122
TF3032	W3032		7047	W7047
TF3033	W3033		7048	W7048

Water Pump Cross Reference

Tru Flo #	Nason #		Partco #	Nason #
TF3035	W3035		7049	W7049
TF3036	W3036		7050	W7050
TF3037	W3037		7051	W3016
TF3038	W3038		7053	W7053
TF3039	W3039		7055	W7055
TF3040	W3054		7056	W7056
TF3041	W3041		7060	W7060
TF3042	W3042		7065	W7065
TF3045	W3045		7068	W7068
TF3046	W3046		7080	W7080
TF3047	W3047		7083	W7083
TF3047H	W3047H		7085	W7085
TF3049	W3049		7086	W7086
TF3050	W3050		7091	W7091
TF3051	W3051		7095	W7095
TF3052	W3052		7097	W8151
TF3053	W3053		7101	W3066
TF3055	W3055		7111	W7000
TF3058	W3058		7112	W8168
TF3059	W3059		7199	W3710
TF3060	W3060		7200	W7200
TF3061	W3061		7220	W3089
TF3063	W3063		7539	W3150
TF3067	W3067		8004	W8161
TF3068	W3068		8015	W3015
TF3069	W3069		8032	W8171
TF3070	W3070		8080	W3153
TF3071	W3071		8133	W2044
TF3072	W3072		8854	W3175

Water Pump Cross Reference

Tru Flo #	Nason #		Partco #	Nason #
TF3074	W3074		9000	W1003
TF3075	W3075		9074	W1005GMB
TF3076	W3076		9075	W9075
TF3078	W3078		9076	W2512
TF3079	W3079		9078	W9078
TF3079P	W3079P		9080	W3104
TF3081	W3081		9081	W9081
TF3082	W3082		9082	W1686
TF3083	W3083		9300	W1004
TF3084	W3084		3046HD	W3046HD
TF3084H	W3084H		4000A	W4000A
TF3085	W7036		7018A	W8144
TF3087	W3087		808/803	W808
TF3091	W3091			
TF3092	W3092			
TF3094	W3094			
TF3097	W3097			
TF3098	W3098			
TF3099	W3099			
TF3101	W3101			
TF3104	W3104			
TF3105	W3105			
TF3106	W3106			
TF3111	W3110			
TF3112	W3112			
TF3115	W3115			
TF3117	W1023			
TF3118	W3118			
TF3119	W3025			

Water Pump Cross Reference			
Tru Flo #	Nason #	Partco #	Nason #
TF3120	W3120		
TF3122	W3122		
TF3123	W3123		
TF3130	W2672		
TF3131	W3131		
TF3132	W3132		
TF3133	W3133		
TF3138	W6056		
TF3141	W2941		
TF3144	W3144		
TF3709	W3709		
TF4000	W4000A		
TF4001	W4000A		
TF4002	W3086		
TF4003	W4054		
TF4005	W3056		
TF4006	W3109		
TF4007	W3116		
TF4008	W3095		
TF4009	W3107		
TF4010	W7013		
TF4011	W7016		
TF4012	W3007		
TF4013	W1005		
TF4014	W2041		
TF4015	W3083AH		
TF4016	W4016		
TF4018	W2041		
TF4021	W4021		

Water Pump Cross Reference

Tru Flo #	Nason #	Partco #	Nason #
TF4028	W6083 / W6110		
TF4040	W4019		
TF4042	W7050		
TF4043	W3103		
TF4045	W3346		
TF4059	W3205		
TF4064	W7028		
TF4065	W4022		
TF4100	W2044		
TF4101	W7133		
TF4102	W3021		
TF4103	W2009		
TF4104	W7002		
TF4105	W4105		
TF4108	W4020		
TF4113	W3102		
TF4130	W3119		
TF4498	W4498		
TF4762	W7102		
TF5000	W5000		
TF5003	W5003		
TF5010	W5010		
TF5013	W5013		
TF5019	W5019		
TF5023	W5023		
TF564	W564		
TF578	W578		
TF587	W587		
TF6065	W6056		

Water Pump Cross Reference			
Tru Flo #	Nason #	Partco #	Nason #
TF6071	W3142		
TF6090	W4024		
TF6380	W6380		
TF7011	W7011		
TF7095	W7095		
TF726	W726		
TF730	W730		
TF738	W738		
TF746	W746		
TF752	W752		
TF754	W754		
TF756	W756		
TF788	W788		
TF798	W798		
TF800	W800		
TF803/8	W803/8		
TF804	W804		
TF805	W805		
TF806	W806		
TF807	W807		
TF809	W809A		
TF809C	W809C		
TF8100	W6084		
TF8101	W6076		
TF8103	W7083		
TF8104	W3029		
TF8106	W3090		
TF8108	W9081		
TF8109	W8109		

Water Pump Cross Reference			
Tru Flo #	Nason #	Partco #	Nason #
TF811	W811		
TF8111	W7022		
TF8112	W4009 / W7031		
TF8113	W7020		
TF8118	W7065		
TF8119	W3134		
TF812	W812		
TF8121	W3064		
TF8123	W6105		
TF8126	W4003		
TF8128	W7091		
TF8130	W7085		
TF8131	W6128		
TF8132	W3155		
TF8133	W3158		
TF8134	W7086		
TF8135	W6059		
TF8136	W7038		
TF8137	W6242		
TF8138	W6440		
TF8139	W1210		
TF814	W814		
TF8141	W3128		
TF8143	W3104		
TF8144	W3057		
TF8144H	W8144		
TF8146	W3080		
TF8147	W3131		
TF8148	W7060		

Water Pump Cross Reference

Tru Flo #	Nason #	Partco #	Nason #
TF8149	W3161		
TF815	W815		
TF8150	W7042		
TF8151	W8151		
TF8153	W8153		
TF8154	W7017		
TF8155	W4014		
TF8156	W4011		
TF8157	W4012		
TF8158	W8158		
TF8159	W8159		
TF816	W816		
TF8161	W8161		
TF8162	W8162		
TF8164	W8164		
TF8165	W3114		
TF8167	W3145		
TF8168	W8168		
TF8169	W3178		
TF817	W817		
TF8171	W8171		
TF8172	W3077		
TF8174	W8174		
TF8175	W3121		
TF8176	W8176		
TF8176H	W8176H		
TF8178	W1975		
TF8179	W4027		
TF8181	W8181		

Water Pump Cross Reference

Tru Flo #	Nason #	Partco #	Nason #
TF8182	W3127		
TF8183	W7048		
TF8184	W3135		
TF8185	W2008		
TF8186	W8186		
TF8187	W7014		
TF8188	W3094		
TF8189	W3096		
TF819	W819		
TF8192	W8192		
TF8194	W8194		
TF8195	W8195		
TF8196	W8196		
TF8197	W3005		
TF8198	W7053		
TF8199	W7051		
TF8203	W8203		
TF8206	W8206		
TF8207	W4012		
TF8208	W8203		
TF8209	W8209		
TF8210	W8210		
TF8211	W7047		
TF8213	W3085		
TF822	W822		
TF8221	W3031		
TF8223	W3162		
TF8227	W7029		
TF8228	W8218		

Water Pump Cross Reference

Tru Flo #	Nason #	Partco #	Nason #
TF8229	W3174		
TF8230	W7058		
TF8235	W2492		
TF8236	W2661		
TF8237	W2674		
TF8239	W6003		
TF824	W824		
TF8241	W824		
TF8248	W6209		
TF8253	W3150		
TF8254	W6286		
TF8256	W6404		
TF8258	W7054		
TF8259	W3089		
TF8260	W3710		
TF8261	W7347		
TF8262	W8219		
TF8263	W6102		
TF8264H	W3066AH		
TF8265	W8220		
TF8266	W8211		
TF8267	W3141		
TF8268	W9421		
TF8269	W4010		
TF827	W827		
TF8270	W3159		
TF8271	W3714		
TF8272	W3153		
TF8273	W7000		

Water Pump Cross Reference

Tru Flo #	Nason #	Partco #	Nason #
TF8275	W3148		
TF8277	W3065		
TF8278	W3165		
TF8281	W2165		
TF8282	W7007		
TF8287	W2673		
TF8295	W3169		
TF8299	W9045		
TF8304	W3130		
TF8305	W3064		
TF8307	W6327		
TF8308	W3023		
TF8310	W3154		
TF8314	W3157		
TF8316	W6336		
TF8317	W6451		
TF8318	W6446		
TF8323	W8183		
TF8328	W6309		
TF8329	W6384		
TF833	W833		
TF8330	W6344		
TF8332	W3115		
TF8333	W7015		
TF8334	W1003		
TF8335	W3136		
TF8338	W8163		
TF8339	W8159		
TF8340	W8165		

Water Pump Cross Reference

Tru Flo #	Nason #	Partco #	Nason #
TF8341	W8167		
TF8342	W8220		
TF8343	W9304		
TF8345	W3138		
TF8346	W3167		
TF8347	W7348		
TF8348H	W3352AH		
TF835	W835		
TF8350	W3117		
TF8352	W8352		
TF8353	W9339		
TF8354	W3003		
TF8357	W3149		
TF8359	W6410		
TF8359	W6410		
TF8361	W7380		
TF8363	W1004		
TF8364	W3168		
TF8365	W3143		
TF8366	W6038		
TF836A	W836A		
TF837	W837		
TF8371	W3171		
TF8372	W900		
TF8373	W3172		
TF8374	W3175		
TF8375	W6409		
TF8377	W6519		
TF8378	W6420		

Water Pump Cross Reference			
Tru Flo #	Nason #	Partco #	Nason #
TF8382	W6310		
TF8383	W6416		
TF8385	W6445		
TF8389	W3130		
TF8390	W3160		
TF8391	W3147		
TF8392	W4028		
TF8393	W3052		
TF8395	W3040		
TF8396	W8960		
TF8398	W7059		
TF8400	W9379		
TF8401	W6110		
TF8402	W6335/ W6438 / W6513		
TF8403	W4023		
TF8406	W1006		
TF8407	W6485		
TF8409	W7200		
TF841	W841		
TF8410	W7061		
TF8412	W6411		
TF8413	N/A		
TF8416	W6338		
TF8417	W6318		
TF8418	W6430		
TF842	W842		
TF8420	W6492AH		
TF8426	W6348		
TF8427	W6335		

Water Pump Cross Reference

Tru Flo #	Nason #	Partco #	Nason #
TF8428	W6494		
TF8429	W6505		
TF843	W843		
TF8434	W3163		
TF8435	W6335		
TF8437	W6504		
TF8438	W3354		
TF8439	W4025		
TF844	W844		
TF8440	W3169		
TF8441	W8441		
TF8442	W3164		
TF8445	W6098		
TF8446	W3715		
TF8448	W5000		
TF8449	W8169		
TF8452	W6490		
TF8454	W4009		
TF8455	W6513		
TF8456	W6502		
TF8457	W6549		
TF8458	W4019A		
TF8459	W1007		
TF846	W846		
TF8466	W3095		
TF8469	W7029		
TF847	W847		
TF8470	W3356		
TF8471	W6555		

Water Pump Cross Reference

Tru Flo #	Nason #	Partco #	Nason #
TF848	W848		
TF8481	W3876		
TF8483	W3177		
TF8486	W6523		
TF8491	W6428		
TF8492	W3146		
TF8493	W3353AH		
TF8494	W3352AH		
TF8498	W3350		
TF8498H	W3352AH		
TF8499	W3062		
TF8501	W8501		
TF851	W851		
TF855	W855		
TF856	W856		
TF857	W857		
TF858	W858		
TF859	W859		
TF864	W3001		
TF877	W877		
TF878	W878		
TF885	W885		
TF887	W887		
TF888	W888		
TF893	W893		
TF894	W894		
TF895	W895		
TF896	W896		
TF897	W897		

Water Pump Cross Reference			
Tru Flo #	Nason #	Partco #	Nason #
TF898	W898		
TF898	W898		
TF898	W898		
TF9000	W4000A		
TF907	W907		
TF9075	W9075		
TF9092	W7035		
TF913	W913		
TF959	W959		
TF969	W969		

ALFA								
Model	147 77 - 88KW	147 110KW	147 - GTA	147 103 - 110KW		156 110KW	156 114KW	156 122KW
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	3.2L DOHC 24V	1.9L DOHC 16V		2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - DIESEL		4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2001 - 06	2001 - 05/09	2003 - 07	2005 - 11		2002 - 5/06	1999 - 2/03	2002 -06
Engine Code	AR32104	AR3231	932AO	9375A5 / A8		AR32310/932A2	AR32301 /932A2	AR937A1
Drive Type	BELT	BELT	BELT	BELT		BELT	BELT	BELT
Chassis / Eng Info	EFI	MPFI					TWIN SPARK	JTS
Nason / Optibelt Kits Part No		KT1449		GMTK37		KT1449	KT1449	KT1449
Timing Cover								
Water Pump		W6098		W3077		W6098	W6098	W6098
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1		T791/N		T1615		T791/N	T791/N	T791/N
Size		168T X 24		199T X 24		168T X 24	168T X 24	168T X 24
Timing Belt / Chain # 2		ZRK 1420				ZRK 1420	ZRK 1420	ZRK 1420
Size		130T x 15				130T x 15	130T x 15	130T x 15
Hyd Tensioner		477ST				477ST	477ST	477ST
Tensioner 1				NBT407				
Tensioner 2								
Tensioner 3								
Guide / Idler # 1				NBT408				
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit		T791SK		T1521/1615SK		T791SK	T791SK	T791SK
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

ALFA								
Model	156	156		159 110KW	159 136KW	159 147/154KW	159	166 166KW
Engine Size	2.5L DOHC 24V	3.2L DOHC 24V		1.9L DOHC 16V	2.2L DOHC 16V	2.4L DOHC 20V	3.2L DOHC 24V	3.0L DOHC 24V
Engine Type	V6 - PETROL	V6 - PETROL		4CYL - DIESEL	4CYL - PETROL	5CYL - DIESEL	V6 - PETROL	V6 - PETROL
Year's	1999 - 06	2002 - 05		2006 - ON	2006 - 10/10	2006 - ON	2002 - 05	1999 - 05
Engine Code	AR3240	932AO		939A2	939A5	939A3	932AO	AR34301
Drive Type	BELT	BELT		BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info					JTS			
Nason / Optibelt Kits						KT1401		
Part No								
Timing Cover								
Water Pump				W3077		W3080		
Fan Clutch								
EGR COOLER								
Drive Align Tensioner						39113		
Timing Belt / Chain # 1				T1615		T1615		
Size				199T X 24		199T X 24		
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1						NBT407		
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2					*			
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit				T1521/1615SK		T1521/1615SK		
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES								

- NOK SEAL
AVAILABLE.

ALFA									
Model	166 162KW	BRERA 136KW	BRERA 191KW		GIULIETTA 88KW	GIULIETTA 125KW	GIULIETTA 173KW	GIULIETTA 125KW	
Engine Size	3.0L DOHC 24V	2.2L DOHC 16V	3.2L DOHC 24V		1.4L DOHC 16V	1.4L DOHC 16V	1.7L DOHC 16V	2.0L DOHC 16V	
Engine Type	V6 - PETROL	4CYL - PETROL	V6 - PETROL		4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	
Year's	2001 - 09	2006 - 11	2006 - 14		2014 - 16	2011 - 14	2011 - 14	2012 - 14	
Engine Code	AR36101	939A5	939A0		198A4	940A2	940A1	940A4	
Drive Type	BELT	CHAIN	CHAIN		BELT	BELT	CHAIN	CHAIN	
Chassis / Eng Info		JTS	JTS					CRD TURBO	
Nason / Optibelt Kits Part No						KT1253			
Timing Cover									
Water Pump					W6519	W6519	W6098	W3077	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner	38473					38368			
Timing Belt / Chain # 1 Size						T1096/N 124T x 22			
Timing Belt / Chain # 2 Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit									
Camshaft Seal									
Timing Cover Seal									
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									
NOTES									

- NOK SEAL
AVAILABLE.

ALFA							
Model	GT 121KW	GT 176KW	GTV 114KW	GTV 121KW	GTV 162KW	GTV 176KW	MITO 88KW
Engine Size	2.0L DOHC 16V	3.2L DOHC 24V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	3.2L DOHC 24V	1.4L DOHC 16V
Engine Type	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL
Year's	2004 - 11	2004 - 14	1998 - 04	2004 - 05	1998 - 03	2003 - 05	2009 - 6/10
Engine Code	937A1	936AO	AR32310	937A1	AR16102/5	936AO	198A4
Drive Type	BELT	CHAIN	BELT	BELT	BELT	CHAIN	BELT
Chassis / Eng Info	JTS	JTS	JTS	JTS	JTS	JTS	TURBO
Nason / Optibelt Kits							
Part No	KT1449		KT1449	KT1449	KT1449		KT1253
Timing Cover							
Water Pump	W6098		W6098	W6098			
Fan Clutch							
EGR COOLER							
Drive Align Tensioner		38368					38368
Timing Belt / Chain # 1	T791N		T791N	T791N	T791N		T1096/N
Size	168T X 24		168T X 24	168T X 24	168T X 24		124T x 22
Timing Belt / Chain # 2	ZRK 1420		ZRK 1420	ZRK 1420	ZRK 1420		
Size	130T x 15		130T x 15	130T x 15	130T x 15		
Hyd Tensioner							
Tensioner 1							
Tensioner 2			477ST		477ST		
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T791SK		T791SK	T791SK	T791SK		
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

ALFA								
Model	MITO 114KW	MITO 125KW	MITO 99KW		SPIDER 162KW	SPIDER 110 - 114KW	SPIDER 121KW	SPIDER 136KW
Engine Size	1.4L DOHC 16V	1.4L DOHC 16V	1.4L DOHC 16V		2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.2L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL		4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2009 - 5/12	2010 - 14	2011 - 14		1998 - 03	1998 - 04	2004 - 05	2006 - 11
Engine Code	199A8	940A2	955A7		AR16105	AR16201/32310	937A1	939A5
Drive Type	BELT	BELT	BELT		BELT	BELT	BELT	CHAIN
Chassis / Eng Info	TURBO	TURBO	TURBO				JTS	JTS
Nason / Optibelt Kits								
Part No	KT1253	KT1253	KT1253		KT1449	KT1449	KT1449	
Timing Cover								
Water Pump						W6098	W6098	
Fan Clutch								
EGR COOLER								
Drive Align Tensioner	38368	38368	38368					
Timing Belt / Chain # 1	T1096/N	T1096/N	T1096/N		T791N	T791N	T791N	
Size	124T x 22	124T x 22	124T x 22		168T X 24	168T X 24	168T X 24	
Timing Belt / Chain # 2					ZRK 1420	ZRK 1420	ZRK 1420	
Size					130T x 15	130T x 15	130T x 15	
Hyd Tensioner								
Tensioner 1								
Tensioner 2					477ST	477ST	477ST	
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit					T791SK	T791SK	T791SK	
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES								

- NOK SEAL
AVAILABLE.

ALFA		
Model	SPIDER 176KW	SPIDER 191KW
Engine Size	3.2L DOHC 24V	3.2L DOHC 24V
Engine Type	V6 - PETROL	V6 - PETROL
Year's	2003 - 05	2006 - 14
Engine Code	936AO	939A0
Drive Type	CHAIN	CHAIN
Chassis / Eng Info	JTS	JTS
Nason / Optibelt Kits		
Part No		
Timing Cover		
Water Pump		
Fan Clutch		
EGR COOLER		
Drive Align Tensioner		
Timing Belt / Chain # 1		
Size		
Timing Belt / Chain # 2		
Size		
Hyd Tensioner		
Tensioner 1		
Tensioner 2		
Tensioner 3		
Guide / Idler # 1		
Guide / Idler # 2		
Guide / Idler # 3		
Guide / Idler # 4		
Guide / Idler # 5		
Guide / Idler # 6		
Cam Gear		
Crank Gear		
Aux / Oil Pump Gear		
Bal Shaft Gear		
Gskt / Seal Kit		
Camshaft Seal		
Timing Cover Seal		
Aux / Balance Shaft Seal		
Oil Pump Shaft Seal		
NOTES		
# - NOK SEAL AVAILABLE.		

AUDI									
MODEL	80 - B4	80 - B4	80 - B4	80 - B4	80 - B4	80 - B4	A1 - 8X	A1 - 8X	A1 - 8X
	EFI / 85KW	EFI / 85KW	MPFI / 110KW	MPFI / 110KW	MPFI / 128KW	MPFI / 128KW	TFSi / 136KW	TFSi / 90KW	Tdi / 66KW
Engine Size	2.0L SOHC 8V	2.0L SOHC 8V	2.6L SOHC 12V	2.6L SOHC 12V	2.8L SOHC 12V	2.8L SOHC 12V	1.4L DOHC 16V	1.4L DOHC 16V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's	1992 - 95	1992 - 95	1993 - 1/96	1993 - 1/96	1993 - 1/96	1993 - 1/96	2011 - 14	2010 - 14	2011 - 14
Engine Code	ABK BELT	ABK BELT	ABC BELT	ABC BELT	AAH BELT	AAH BELT	CAVG		CAYB BELT
							CHAIN	CHAIN	
Drive Type							T & S / CHARGED	T & S / CHARGED	
Chassis / Eng Info	> 8CS075037	< 8CS075038	> CH# 025820	< CH# 025821	> CH# 025820	< CH# 025821			TURBO
Nason / Optibelt Kits Part No			KT1061	KT1261	KT1061	KT1261			VWTK01
Timing Cover									
Water Pump	W3156 / AH		W6058 (A)	W6058 (A)	W6058 (A)		W6558	W6487	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1			T218N	T218N	T218N	T218N			ZRK1572
Size			239T x 25.4	239T x 25.4	239T x 25.4	239T x 25.4			160T x 25
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit			T218SK	T218SK	T218SK	T218SK			
Camshaft Seal									
Timing Cover Sel									
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES	(A) TO 1995 (A) TO 1995 (A) TO 1995 (A) For Supercharger Tensioner use 39040 (A) For Supercharger Tensioner use 39040								

AUDI									
MODEL		A3 - 8L	A3 - 8L	A3 - 8L	A3 - 8L	A3 - 8L	A3 - 8L	A3 - 8L	A3 - 8L
		MPFI / 74KW	MPFI / 74KW	MPFI / 110KW	MPFI / 75KW	MPFI / 75KW	EFI / 92KW	MPFI / 110KW	MPFI / 92KW
Engine Size	1.6L SOHC 8V	1.6L SOHC 8V	1.6L SOHC 8V	1.6L SOHC 8V	1.6L SOHC 8V	1.6L SOHC 8V	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1997 - 10/99	1999 - 11/00	2000 - 7/04	2000 - 02	2002 / 7/04		1997 - 01	1998 - 01	1999 - 7/04
Engine Code									
Drive Type	AEH BELT	AKL BELT	AUM BELT	AVU BELT	BFQ BELT		AGN BELT	AGU BELT	APG BELT
Chassis / Eng Info		TURBO				Inc TURBO		Inc TURBO	Inc TURBO
Nason / Optibelt Kits Part No		KT1133 (A)	KT1133 (A)	KT1133 (A)	KT1133 (A)	KT1133 (A)	KT1296 (A)	KT1296 (A)	KT1296 (A)
Timing Cover									
Water Pump		W3155	W3155	W6128 (A)	W3155	W3155	W6128 (B)	W6128 (B)	W6128 (B)
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1		T296N	T296N	T296N	T296N	T296N	T306N	T306N	T306N
Size		138T x 23	138T x 23	138T x 23	138T x 23	138T x 23	150T x 23	150T x 23	150T x 23
Timing Belt / Chain # 2									
Size									
Hyd Tensioner							NBTH008	NBTH008	NBTH008
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit		T296SK	T296SK	T296SK	T296SK	T296SK	T306SK	T306SK	T306SK
Camshaft Seal									
Timing Cover Sel									
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES		(B) TO 5/2003				(B) TO 5/2003		(B) TO 5/2003	(B) TO 5/2003

- NOK SEAL AVAILABLE.

AUDI								
MODEL	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P
	TFSi / 92KW	MPFI / 75KW	MPFI / 75KW	TDi / 77KW	MPFI / 118KW	TFSi / 118KW	TFSi / 118KW	TDi / 77KW
Engine Size	1.4L DOHC 16V	1.6L SOHC 8V	1.6L SOHC 8V	1.6L DOHC 16V	1.8L DOHC 16V	1.8L DOHC 16V	1.8L DOHC 16V	1.9L SOHC 8V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's	2008 - 14	2004 - 9/05	2005 - 3/11	2011 - 14	2007 - 08	2007 - 09	2008 - 14	2008 - 10
Engine Code	CAXC	BGU	BSE	CAYC	BYT	BZB	CDAA	BLS
	CHAIN	BELT	BELT	BELT	BELT	BELT	CHAIN	BELT
Drive Type	T & S /					T & S /	T & S /	
Chassis / Eng Info	CHARGED			TURBO	TURBO	CHARGED	CHARGED	TURBO
Nason / Optibelt Kits		KT1133 (A)	KT1133 (A)	VWTK01				KT1237 (A)
Part No								
Timing Cover								
Water Pump		W3155	W3155					W6306
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								38436
Timing Belt / Chain # 1		T296N	T296N	ZRK1572				T1547N
Size		138T x 23	138T x 23	160T x 25				120T x 30
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit		T296SK	T296SK					T1547SK
Camshaft Seal								NB446
Timing Cover Sel								
Aux / Balance Shft Sel								
Oil Pump Shft Seal								
NOTES								

- NOK SEAL AVAILABLE.

AUDI								
MODEL	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P
	FSi / 110KW	TFSi / 147KW	TDi / 103KW	FSi / 110KW	EFI / 110KW	FSi / 110KW	TDi / 125KW	FSi / 110KW
Engine Size Engine Type Year's	2.0L DOHC 16V 4CYL - PETROL 2004 - 07	2.0L DOHC 16V 4CYL - PETROL 2005 - 06	2.0L DOHC 16V 4CYL - DIESEL 2004 - 1/07	2.0L DOHC 16V 4CYL - PETROL 2004 - 9/05	2.0L DOHC 16V 4CYL - PETROL 2005 / 06	2.0L DOHC 16V 4CYL - PETROL 2004 - 9/05	2.0L DOHC 16V 4CYL - DIESEL 2006 - 07	2.0L DOHC 16V 4CYL - PETROL 2005 - 5/07
Engine Code Drive Type	AXW BELT	AXX BELT	BKD BELT	BLY BELT	BLR BELT	BMB BELT	BMN BELT	BVY BELT
Chassis / Eng Info	Inc TURBO		TURBO	Inc TURBO	Inc TURBO		TURBO	Inc TURBO
Nason / Optibelt Kits Part No		KT1432	KT1403 (A)	KT1432	KT1432		KT1512 (A)	KT1432
Timing Cover								
Water Pump	W3155	W6445	W6335	W3155	W3155	W3155		W3155
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size		T334N 148T x 23	T1604N 141T x 30	T334N 148T x 23	T334N 148T x 23		T1604N 141T x 30	T334N 148T x 23
Timing Belt / Chain # 2 Size								
Hyd Tensioner Tensioner 1 Tensioner 2 Tensioner 3								
Guide / Idler # 1 Guide / Idler # 2 Guide / Idler # 3 Guide / Idler # 4 Guide / Idler # 5 Guide / Idler # 6			80MM Idler. Bolt Hole 10mm				88MM Idler. Bolt Hole 12mm	
Cam Gear Crank Gear Aux / Oil Pump Gear Bal Shaft Gear								
Gskt / Seal Kit Camshaft Seal Timing Cover Sel Aux / Balance Shft Sel Oil Pump Shft Seal		T334SK NB446 x 2	T1604SK	T334SK NB446 x 2	T334SK NB446 x 2		T1604SK	T334SK NB446 x 2
NOTES	(A) TO 1/07. FROM 2/2007 USE KT1512 WITH 88MM IDLER AND 12MM BOLT HOLE.							

AUDI								
MODEL	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A3 - 8P	A4 - B5
Engine Size Engine Type Year's	TFSi / 147KW 2.0L DOHC 16V 4CYL - DIESEL 2008 - 09	TDi / 125KW 2.0L DOHC 16V 4CYL - DIESEL 2009 - 11	TFSi / 147KW 2.0L DOHC 16V 4CYL - PETROL 2009 - 14	TDi / 125KW 2.0L DOHC 16V 4CYL - DIESEL 2011 - 14	MPFI / 184KW 3.2L DOHC 24V V6 - PETROL 2004 - 05	MPFI / 184KW 3.2L DOHC 24V V6 - PETROL 2004 - 9/05	MPFI / 184KW 3.2L DOHC 24V V6 - PETROL 2005 - 1/09	MPFI / 92KW 1.8L DOHC 20V 4CYL - PETROL 1995 - 5/99
Engine Code Drive Type	CAWB BELT T & S /	CBBB BELT	CCZA CHAIN T & S /	CLJA BELT	BDB CHAIN	BMJ CHAIN	BUB CHAIN	ADR BELT
Chassis / Eng Info	CHARGED	TURBO	CHARGED	TURBO				> CH#8D-T-155009
Nason / Optibelt Kits Part No		KT1420 (A)		KT1512 (A)				KT1356 (A)
Timing Cover								
Water Pump					W3154	W3154	W3154	W4003
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size		ZRK1544 160T x 30		T1604N 141T x 30				T317N 153T x 25
Timing Belt / Chain # 2 Size								
Hyd Tensioner								141ST
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1				88MM Idler. Bolt Hole 12mm				
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit				T1604SK				T317SK
Camshaft Seal								
Timing Cover Sel								
Aux / Balance Shft Sel								
Oil Pump Shft Seal								
NOTES								(A) Includes Hyd Tensioner

- NOK SEAL AVAILABLE.

AUDI							
MODEL	A4 - B5	A4 - B5	A4 - B5	A4 - B5	A4 - B5	A4 - B5	A4 - B5
	MPFI / 92KW	MPFI / 110KW	MPFI / 110KW	MPFI / 132KW	MPFI / 92KW	MPFI / 92KW	MPFI / 110KW
Engine Size Engine Type Year's	1.8L DOHC 20V 4CYL - PETROL 1995 - 5/99	1.8L DOHC 20V 4CYL - PETROL 1995 - 00	1.8L DOHC 20V 4CYL - PETROL 1995 - 00	1.8L DOHC 20V 4CYL - PETROL 1999 - 7/02	1.8L DOHC 20V 4CYL - PETROL 1999 - 6/01	1.8L DOHC 20V 4CYL - PETROL 1999 - 6/01	1.8L DOHC 20V 4CYL - PETROL 08/1995 - 01
Engine Code Drive Type	ADR BELT	AEB BELT TURBO	AEB BELT TURBO	AJL BELT	APT BELT	APT BELT	APU BELT TURBO
Chassis / Eng Info	< CH#8D-T-155010	> CH#8D-T-155009	< CH#8D-T-155010	TURBO	> CH#8D-T-155009	< CH#8D-T-155010	> CH#8D-T-155009
Nason / Optibelt Kits Part No	KT1357 (A)	KT1356 (A)	KT1357 (A)	KT1357 (A)	KT1356 (A)	KT1357 (A)	KT1356 (A)
Timing Cover							
Water Pump	W4003	W4003	W4003	W4003	W4003	W4003	W4003
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size	T317N 153T x 25	T317N 153T x 25	T317N 153T x 25	T317N 153T x 25	T317N 153T x 25	T317N 153T x 25	T317N 153T x 25
Timing Belt / Chain # 2 Size							
Hyd Tensioner	141ST	141ST	141ST	141ST	141ST	141ST	141ST
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T317SK	T317SK	T317SK	T317SK	T317SK	T317SK	T317SK
Camshaft Seal							
Timing Cover Sel							
Aux / Balance Shft Sel							
Oil Pump Shft Seal							
NOTES	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner.	(A) Includes Hyd Tensioner.	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner.

- NOK SEAL AVAILABLE.

AUDI									
MODEL		A4 - B5	A4 - B5	A4 - B5	A4 - B5	A4 - B5	A4 - B5	A4 - B6	A4 - B6
		MPFI / 110KW	MPFI / 121KW	EFI / 121KW	MPFI / 110KW	MPFI / 142KW	MPFI / 142KW	EFI / 125KW	MPFI / 110KW
Engine Size	1.8L DOHC 20V	2.4L DOHC 30V	2.4L DOHC 30V	2.6L SOHC 12V	2.8L DOHC 30V	2.8L DOHC 30V		1.8L DOHC 20V	1.8L DOHC 20V
Engine Type	4CYL - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL		4CYL - PETROL	4CYL - PETROL
Year's	08/1995 - 01	1998 - 04	1999 - 01	1995 - 3/98	1997 - 5/99	1997 - 6/01		2001 - 05	2001 - 3/05
Engine Code	APU	AGA	APS	ABC	ACK	APR		AMB	AVJ
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT		BELT	BELT
Chassis / Eng Info	TURBO								
	< CH#8D-T-155010							TURBO	TURBO
Nason / Optibelt Kits									
Part No	KT1357 (A)	KT1304 (A)	KT1304 (A)	KT1261	KT1304 (A)	KT1304 (A)		KT1233 (A)	KT1233 (A)
Timing Cover									
Water Pump	W4003		W7088			W7088		W6128	W6128
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1	T317N	T297N	T297N	T218N	T297N	T297N		T306N	T306N
Size	153T x 25	253T x 30	253T x 30	239T x 25.4	253T x 30	253T x 30		150T x 23	150T x 23
Timing Belt / Chain # 2									
Size									
Hyd Tensioner	141ST							NBTH008	NBTH008
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T317SK	T297SK	T297SK	T218SK	T297SK	T297SK		T306SK	T306SK
Camshaft Seal		NB446 x 4	NB446 x 4		NB446 x 4	NB446 x 4			
Timing Cover Sel		OSS0313	OSS0313		OSS0313	OSS0313			
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES	(A) Includes Hyd Tensioner.	(A) Includes Hyd Tensioner.	(A) Includes Hyd Tensioner.		(A) Includes Hyd Tensioner.	(A) Includes Hyd Tensioner.		(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner

AUDI									
MODEL	A4 - B6	A4 - B6	A4 - B6	A4 - B6	A4 - B6		A4 - B7	A4 - B7	A4 - B7
Engine Size Engine Type Year's	MPFI / 140KW 1.8L DOHC 20V 4CYL - PETROL 2003 - 3/05	MPFI / 110KW 1.8L DOHC 20V 4CYL - PETROL 2002 - 3/05	MPFi / 96KW 2.0L DOHC 20V 4CYL - PETROL 2001 - 3/05	MPFI / 125KW 2.4L DOHC 30V V6 - PETROL 2002 - 3/05	MPFi / 162KW 3.0L DOHC 30V V6 - PETROL 2001 - 05		MPFI / 110KW 1.8L DOHC 20V 4CYL - PETROL 2004 - 8/09	MPFi / 96KW 2.0L DOHC 20V 4CYL - PETROL 2005 - 8/08	TFSi / 147KW 2.0L DOHC 20V 4CYL - PETROL 2005 - 3/08
Engine Code Drive Type	BEX BELT	BFB BELT	ALT BELT	BDV BELT	BBJ BELT		BFB BELT	ALT BELT	BGB BELT
Chassis / Eng Info	TURBO	TURBO					TURBO		TURBO
Nason / Optibelt Kits Part No	KT1233 (A)	KT1233 (A) (B)	KT1233 (A)	KT1304 (A) (B)			KT1233 (A)	KT1233 (A)	KT1432
Timing Cover									
Water Pump	W6128	W6128	W3155		W6336		W6128	W3155	W6445
Fan Clutch									
EGR COOLER									
Drive Align Tensioner					38406				
Timing Belt / Chain # 1 Size	T306N 150T x 23	T306N 150T x 23	T306N 150T x 23	T297N 253T x 30			T306N 150T x 23	T306N 150T x 23	T334N 148T x 23
Timing Belt / Chain # 2 Size									
Hyd Tensioner	NBTH008	NBTH008	NBTH008				NBTH008	NBTH008	
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T306SK	T306SK	T306SK	T297SK			T306SK	T306SK	T334SK
Camshaft Seal				NB446 x 4					NB446 x 2
Timing Cover Sel				OSS0313					N354810
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner		(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	

- NOK SEAL AVAILABLE.

AUDI									
MODEL	A4 - B7	A4 - B7	A4 - B7	A4 - B7	A4 - B7	A4 - B7	A4 - B7	A4 - B8	A4 - B8
Engine Size Engine Type Year's	TDi / 103KW 2.0L DOHC 16V 4CYL - DIESEL 2005 - 1/07	TDi / 103KW 2.0L DOHC 16V 4CYL - DIESEL 2005 -3/08	MPFi / 147KW 2.0L DOHC 20V 4CYL - PETROL 2006 - 07	TFSi / 147KW 2.0L DOHC 16V 4CYL - PETROL 2005 - 8/09	TDi / 171KW 3.0L DOHC 24V V6 - DIESEL 2006 - 08	FSi / 188KW 3.2L DOHC 24V V6 - PETROL 2005 - 06		TFSi / 118KW 1.8L DOHC 16V 4CYL - PETROL 2008 - 6/12	TFSi / 118KW 1.8L DOHC 16V 4CYL - PETROL 2008 - 6/12
Engine Code Drive Type	BLB BELT	BRE BELT	BUL BELT	BWE BELT	ASB BELT	AUK CHAIN		CABB CHAIN	CDHB CHAIN
Chassis / Eng Info	TURBO	TURBO	TURBO	TURBO	CRD TURBO			TURBO	TURBO
Nason / Optibelt Kits Part No	KT1403 (A)	KT1403 (A)	KT1432	KT1432					
Timing Cover									
Water Pump	W6438	W6438	W6445	W6445	W6451	W6451		W6502	W6502
Fan Clutch									
EGR COOLER									
Drive Align Tensioner								39122	
Timing Belt / Chain # 1 Size	T1604N 141T x 30	T1604N 141T x 30	T334N 148T x 23	T334N 148T x 23					
Timing Belt / Chain # 2 Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1	80MM Idler. Bolt Hole 10mm	80MM Idler. Bolt Hole 10mm							
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T1604SK	T1604SK	T334SK	T334SK					
Camshaft Seal			NB446 x 2	NB446 x 2					
Timing Cover Sel			N354810	N354810					
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES	(A) INJECTOR PUMP KIT USE KT1460								

- NOK SEAL AVAILABLE.

AUDI									
MODEL	A4 - B8	A4 - B8	A4 - B8	A4 - B8	A4 - B8	A4 - B8	A4 - B8	A4 - B8	A4 - B8
	TFSi / 118KW	TDi / 105KW	TFSi / 132KW	TFSi / 155KW	TDi / 130W	TDi / 100W	TDi / 140KW	TDi / 176KW	TDi / 180KW
Engine Size	1.8L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.7L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	V6 - DIESEL	V6 - DIESEL	V6 - DIESEL
Year's	2012 - ON	2008 - 11	2008 - 14	2008 - ON	2012 - 14	2010 - 14	2008 - 12	2008 - 12	2012 - 14
Engine Code	CJEB	CAGA	CDNB	CDNC	CGLC	CJCB	CAMA	CCWA	CDU
Drive Type	CHAIN	BELT	CHAIN	CHAIN	BELT	BELT	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO	CRD TURBO	TURBO	TURBO	TURBO	TURBO	TURBO	TURBO	TURBO
Nason / Optibelt Kits		KT1420				VWTK01			
Part No									
Timing Cover									
Water Pump			W6502						
Fan Clutch									
EGR COOLER									
Drive Align Tensioner			39122	39122					
Timing Belt / Chain # 1		ZRK1544			ZRK1572	ZRK1572			
Size		160T x 30			160T x 25	160T x 25			
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit									
Camshaft Seal									
Timing Cover Sel									
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES									

- NOK SEAL AVAILABLE.

AUDI									
MODEL	A4 - B8	A4 - B8	A5 - 8T	A5 - 8T	A5 - 8T	A5 - 8T	A5 - 8T	A5 - 8T	A5 - 8T
	TDi / 150KW	FSi / 195KW	TFSi / 125KW	TFSi / 132KW	TFSi / 155KW	TDi / 130KW	TDi / 176KW	TDi / 180KW	
Engine Size	3.0L DOHC 24V	3.2L DOHC 24V	1.8L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	3.0L DOHC 24V	3.0L DOHC 24V	
Engine Type	V6 - DIESEL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	V6 - DIESEL	V6 - DIESEL	
Year's	2012 - 14	2008 - 12	2012 - ON	2009 - 2/12	2009 - 14	2012 - 14	2008 - 2/12	2012 - 14	
Engine Code	CLA	CALA	CJEB	CDNB	CDNC	CGLC	CCWA	CDU	
	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT	CHAIN	CHAIN	
Drive Type									
Chassis / Eng Info	TURBO		TURBO	TURBO	TURBO	TURBO	TURBO	TURBO	
Nason / Optibelt Kits	Part No								
Timing Cover									
Water Pump									
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1						ZRK1572			
Size						160T x 25			
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit									
Camshaft Seal									
Timing Cover Sel									
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES									

- NOK SEAL AVAILABLE.

AUDI								
MODEL	A5 - 8T		A6 - C4	A6 - C4	A6 - C4	A6 - C5	A6 - C5	A6 - C5
	FSi / 195KW		MPFI / 110KW	MPFI / 110KW	MPFI / 142KW	MPFI / 121KW	EFI / 121KW	MPFI / 125KW
Engine Size	3.2L DOHC 24V		2.6L SOHC 12V	2.6L SOHC 12V	2.8L DOHC 30V	2.4L DOHC 30V	2.4L DOHC 30V	2.4L DOHC 30V
Engine Type	V6 - PETROL		V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL
Year's	2008 - 12		1995 - 7/96	8/96 - 98	1997 -98	1997 - 02	1999 - 01	2002 - 9/04
Engine Code	CALA		ABC	ABC	ACK	AGA	APS	BDV
Drive Type	CHAIN		BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info			> CH# 4AS026714 < CH# 4AS026715					
Nason / Optibelt Kits								
Part No			KT1061	KT1261	KT1304 (A)	KT1304 (A)	KT1304 (A)	KT1304 (A)
Timing Cover								
Water Pump			W7088	W7088	W7088	W7088	W7088	W7088
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1			T218N	T218N	T297N	T297N	T297N	T297N
Size			239T x 25.4	239T x 25.4	253T x 30	253T x 30	253T x 30	253T x 30
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit			T218SK	T218SK	T297SK	T297SK	T297SK	T297SK
Camshaft Seal					NB446 x 4	NB446 x 4	NB446 x 4	NB446 x 4
Timing Cover Sel					OSS0313	OSS0313	OSS0313	OSS0313
Aux / Balance Shft Sel								
Oil Pump Shft Seal								
NOTES					(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner

AUDI									
MODEL	A6 - C5	A6 - C5	A6 - C5	A6 - C5		A6 - C6	A6 - C6	A6 - C6	A6 - C6
Engine Size Engine Type Year's	MPFI / 184KW 2.7L DOHC 30V V6 - PETROL 2002 - 9/04	MPFI / 142KW 2.8L DOHC 30V V6 - PETROL 1997 -02	MPFI / 142KW 2.8L DOHC 30V V6 - PETROL 1999 -01	MPFi / 160KW 3.0L DOHC 30V V6 - PETROL 2002 - 9/04		TFSi / 125KW 2.0L DOHC 16V 4CYL - PETROL 2006 - 2/11	TDi / 125KW 2.0L DOHC 16V 4CYL - DIESEL 2009 - 2/11	MPFi / 130KW 2.4L DOHC 24V V6 - PETROL 2004 - 10/07	TDi / 140KW 2.7L DOHC 24V V6 - DIESEL 2009 - 6/11
Engine Code Drive Type	ARE BELT	ACK BELT	APR BELT	BBJ BELT		BPJ BELT	CAHA BELT	BDW CHAIN	CAN ????
Chassis / Eng Info	TWIN TURBO					TURBO			
Nason / Optibelt Kits Part No	KT1304 (A)	KT1304 (A)	KT1304 (A)			KT1432	KT1420 (A)		
Timing Cover									
Water Pump		W7088	W7088	W6336		W6445		W6451	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1	T297N	T297N	T297N			T334N	ZRK1544		
Size	253T x 30	253T x 30	253T x 30			148T x 23	160T x 30		
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T297SK	T297SK	T297SK			T334SK			
Camshaft Seal	NB446 x 4	NB446 x 4	NB446 x 4			NB446 x 2			
Timing Cover Sel	OSS0313	OSS0313	OSS0313			N354810			
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner		(A) NO SEALS INCLUDED.			

- NOK SEAL AVAILABLE.

AUDI								
MODEL	A6 - C6	A6 - C6	A6 - C6	A6 - C6	A6 - C6	A6 - C6	A6 - C6	A6 - C7
	FSi / 154KW	FSi /162KW	TDi / 171KW	MPFi / 160KW	TDi / 165KW	TDi / 176KW	FSi / 188KW	TFSi / 132KW
Engine Size	2.8L DOHC 24V	2.8L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 30V	3.0L DOHC 24V	3.0L DOHC 24V	3.2L DOHC 24V	2.0L DOHC 16V
Engine Type	V6 - PETROL	V6 - PETROL	V6 - DIESEL	V6 - PETROL	V6 - DIESEL	V6 - DIESEL	V6 - PETROL	4CYL - PETROL
Year's	2007 - 2/09	2009 - 6/11	2006 - 2/09	2004 - 5/05	2004 - 2/09	2009 - 6/11	2005 - 2/09	2011 - 14
Engine Code	BDX	CCE	ASB	BBJ	BMK	CDY	AUK	CDNB
	CHAIN	CHAIN	CHAIN	BELT	BELT	CHAIN	CHAIN	CHAIN
Drive Type								
Chassis / Eng Info	CRD TURBO			CRD TURBO		CRD TURBO		TURBO
Nason / Optibelt Kits				KT1439 (A)				
Part No								
Timing Cover								
Water Pump			W6451	W6336	W6451		W6451	
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1								
Size								
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Sel								
Aux / Balance Shft Sel								
Oil Pump Shft Seal								
NOTES	(A) Includes Hyd Tensioner							

AUDI									
MODEL	A6 - C7	A6 / ALLROAD - C5	A6 / ALLROAD - C5	A6 / ALLROAD - C5	A6 / ALLROAD - C5	A6 - C7	A6 - C7		A7 - 4G
Engine Size Engine Type Year's	TDi / 130KW 2.0L DOHC 16V 4CYL - DIESEL 2012 - 14	TDI / 132KW 2.5L DOHC 24V V6 - DIESEL 2000 - 04	TDI / 132KW 2.5L DOHC 24V V6 - DIESEL 2000 - 04	MPFi / 184KW 2.7L DOHC 30V V6 - PETROL 2000 - 05	MPFi / 184KW 2.7L DOHC 30V V6 - PETROL 2002 - 06	FSi /150KW 2.8L DOHC 24V V6 - PETROL 2011 - 14	TDi / 180KW 3.0L DOHC 24V V6 - DIESEL 2009 - 14		TDi / 180KW 3.0L DOHC 24V V6 - DIESEL 2012 - 14
Engine Code Drive Type	CGLC BELT	AKE BELT TWIN TURBO	AKE BELT TWIN TURBO	ARE BELT	BES BELT	CHV CHAIN	CDU CHAIN		CDU CHAIN
Chassis / Eng Info	CRD TURBO	> 4BY050000	< 4BY050001	TWIN TURBO	TURBO		CRD TURBO		CCRD TURBO
Nason / Optibelt Kits Part No	VWTK01			KT1304 (A)	KT1304 (A)				
Timing Cover									
Water Pump									
Fan Clutch									
EGR COOLER									
Drive Align Tensioner		38228	38228						
Timing Belt / Chain # 1 Size	ZRK1572 160T x 25			T297N 253T x 30	T297N 253T x 30				
Timing Belt / Chain # 2 Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit				T297SK	T297SK				
Camshaft Seal				NB446 x 4	NB446 x 4				
Timing Cover Sel				OSS0313	OSS0313				
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES	(A) COMPLETE KIT INCLUDING HYDRAULIC TENSIONER. (A) Includes Hyd Tensioner. (A) Includes Hyd Tensioner.								

AUDI									
MODEL	A7 - 4G	A7 - 4G	A8 - D2	A8 - D2	A8 - D3	A8 - D4	Q3 - 8U	Q3 - 8U	
Engine Size	TDi / 230KW	TDi / 230KW	MPFi / 128KW	MPFi / 128KW	TDi / 171KW	TDi / 184KW	TFSi / 125KW	TDi / 103KW	
Engine Type	3.0L DOHC 24V	3.0L DOHC 24V	2.8L SOHC 12V	2.8L SOHC 12V	3.0L DOHC 24V	3.0L DOHC 24V	2.0L DOHC 16V	2.0L DOHC 16V	
Year's	V6 - DIESEL	V6 - DIESEL	V6 - PETROL	V6 - PETROL	V6 - DIESEL	V6 - DIESEL	4CYL - PETROL	4CYL - DIESEL	
	2013 - 14	2011 - 14	1995 - 97	1995 - 97	2008 - 8/10	2010 - 14	2012 - 14	2012 - 14	
Engine Code	CGQ	CGWB	AAH	AAH	ASB	CDT	CCZC	CFFB	
Drive Type	CHAIN	CHAIN	BELT	BELT	BELT	???	CHAIN	BELT	
Chassis / Eng Info	TWIN TURBO	S/CHARGED	> CH# 000496	< CH# 000497	CRD TURBO	CRD TURBO	TURBO	TURBO	
Nason / Optibelt Kits	Part No		KT1061	KT1261				VWTK01 (A)	
Timing Cover									
Water Pump			W7088	W7088			W6502		
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1			T218N	T218N				ZRK1572	
Size			239T x 25.4	239T x 25.4				160T x 25	
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit			T218SK	T218SK					
Camshaft Seal									
Timing Cover Sel									
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES									

- NOK SEAL AVAILABLE.

AUDI									
MODEL	Q3 - 8U	Q3 - 8U		Q5 - 8R	Q5 - 8R	Q5 - 8R	Q5 - 8R	Q5 - 8R	Q7 - 4L
	TDi / 130KW	TFSi / 155KW		TDi / 125KW	TFSi / 155KW	TDi / 125KW	TDi / 176KW	FSi / 199KW	TDi / 171KW
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V		2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	3.0L DOHC 24V	3.2L DOHC 24V	3.0L DOHC 24V
Engine Type	4CYL - DIESEL	4CYL - PETROL		4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	V6 - DIESEL	V6 - PETROL	V6 - DIESEL
Year's	2012 - 14	2012 - 14		2009 - 9/10	2009 - 9/12	2010 - 14	2009 - 9/12	2009 - 14	2006 - 6/07
Engine Code									
Drive Type	CFGC BELT	CPS BELT		CAHB BELT	CDNC CHAIN	CGLB BELT	CCWA CHAIN	CALB CHAIN	BUG BELT
Chassis / Eng Info	CRD TURBO	TURBO		TURBO	TURBO	TURBO	TURBO		TURBO
Nason / Optibelt Kits Part No	VWTK01 (A)			KT1420 (A)		KT1420 (A)			
Timing Cover									
Water Pump					W6502		W6451		
Fan Clutch									
EGR COOLER									
Drive Align Tensioner					39122				
Timing Belt / Chain # 1	ZRK1572			ZRK1544		ZRK1544			
Size	160T x 25			160T x 30		160T x 30			
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit									
Camshaft Seal									
Timing Cover Sel									
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES	(A) SEALS NOT INCLUDED.								

- NOK SEAL AVAILABLE.

AUDI									
MODEL	Q7 - 4L	Q7 - 4L	Q7 - 4L	Q7 - 4L	Q7 - 4L		S3 - 8L	S3 - 8L	S3 - 8L
	TDi / 176KW	TDi / 176KW	TDi / 176KW	TFSi / 245KW	FSi / 206KW		MPFi / 154KW	MPFi / 154KW	MPFi / 165KW
Engine Size	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.6L DOHC 24V		1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V
Engine Type	V6 - DIESEL	V6 - DIESEL	V6 - DIESEL	V6 - PETROL	V6 - PETROL		4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2007 - 9/10	2010 - 9/11	2011 - 14	2010 - 14	2006 - 9/10		2000 - 4/02	1999 - 01	2002 - 6/05
Engine Code	CASA	CJGA	CRCA	CJT	BHK		AMK	APY	BAM
	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN		BELT	BELT	BELT
Drive Type									
Chassis / Eng Info	TURBO	TURBO	TURBO	S / CHARGED			TURBO	TURBO	TURBO
Nason / Optibelt Kits							KT1296 (A)	KT1296 (A)	KT1296 (A)
Part No									
Timing Cover									
Water Pump	W6451				W3154		W6128	W6128	W6128
Fan Clutch									
EGR COOLER									
Drive Align Tensioner					38317				
Timing Belt / Chain # 1							T306N	T306N	T306N
Size							150T x 23	150T x 23	150T x 23
Timing Belt / Chain # 2									
Size									
Hyd Tensioner							NBTH008	NBTH008	NBTH008
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit							T306SK	T306SK	T306SK
Camshaft Seal									
Timing Cover Sel									
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES									

- NOK SEAL AVAILABLE.

AUDI									
MODEL	S3 - 8P	S3 - 8P	S4 - B5	S4 - B5	S4 - B8	S4 - B8	S5 - 8F/T	S5 - 8F/T	
	MPFi / 188KW	DIT / 188KW	MPFi / 195KW	MPFi / 195KW	TFSi / 245KW	TFSi / 245KW	TFSi / 245KW	TFSi / 245KW	
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	2.7L DOHC 30V	2.7L DOHC 30V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	
Engine Type	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	
Year's	2007 - 3/11	2008 - 14	1999 - 01	1999 - 8/03	2009 - 6/12	2012 - 14	2009 - 2/12	2012 - 14	
Engine Code	BZC	CDLC	AGB	AZB	CAKA	CGWC	CAKA	CGWC	
					CHAIN	CHAIN	CHAIN	CHAIN	
Drive Type	BELT	BELT	BELT	BELT					
Chassis / Eng Info	TURBO	TURBO	TWIN TURBO	TWIN TURBO	S / CHARGED	S / CHARGED	S / CHARGED	S / CHARGED	
Nason / Optibelt Kits									
Part No	KT1432	KT1432	KT1304 (A)	KT1304 (A)					
Timing Cover									
Water Pump									
Fan Clutch									
EGR COOLER									
Drive Align Tensioner	39084	39084							
Timing Belt / Chain # 1	T334N	T334N	T297N	T297N					
Size	148T x 23	148T x 23	253T x 30	253T x 30					
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T334SK	T334SK	T297SK	T297SK					
Camshaft Seal	NB446 x 2	NB446 x 2	NB446 x 4	NB446 x 4					
Timing Cover Sel	N354810	N354810	OSS0313	OSS0313					
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES	(A) Includes Hyd Tensioner (A) Includes Hyd Tensioner								

- NOK SEAL AVAILABLE.

AUDI									
MODEL		TT - 8J	TT - 8J	TT - 8J	TT - 8J	TT - 8J	TT - 8J	TT - 8J	TT - 8J
		TFSi / 118KW	TFSi / 147KW	DIT / 125KW	TFSi / 147KW	TFSi / 155KW	TDi / 125KW	MPFi / 250KW	MPFi / 184KW
Engine Size Engine Type Year's		1.8L DOHC 16V 4CYL - PETROL 2009 - 14	2.0L DOHC 16V 4CYL - PETROL 2006 - 11	2.0L DOHC 16V 4CYL - DIESEL 2009 - 10	2.0L DOHC 16V 4CYL - PETROL 2009 - 11	2.0L DOHC 16V 4CYL - PETROL 2010 - 14	2.0L DOHC 16V 4CYL - DIESEL 2010 - 14	2.5L DOHC 20V 4CYL - PETROL 2009 - 14	3.2L DOHC 24V V6 - PETROL 2006 - 5/10
Engine Code Drive Type		CDA CHAIN	BWA BELT	CBBB BELT	CCZA CHAIN	CESA CHAIN	CFG BELT	CEPA CHAIN	BUB CHAIN
Chassis / Eng Info		TURBO	TURBO	TURBO	TURBO	TURBO	CRD TURBO	TURBO	
Nason / Optibelt Kits Part No			KT1432	KT1420 (A)			VWTK01 (A)		
Timing Cover									
Water Pump									W3154
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1 Size			T334N 148T x 23	ZRK1544 160T x 30			ZRK1572 160T x 25		
Timing Belt / Chain # 2 Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit			T334SK						
Camshaft Seal			NB446 x 2						
Timing Cover Sel			N354810						
Aux / Balance Shft Sel									
Oil Pump Shft Seal									
NOTES									

- NOK SEAL AVAILABLE.

AUDI								
MODEL	TT - 8N	TT - 8N	TT - 8N	TT - 8N	TT - 8N	TT - 8N	TT - 8N	TT - 8N
	MPFi / 132KW	MPFi / 132KW	MPFi / 132KW	MPFi / 132KW	MPFi / 165KW	MPFi / 165KW	MPFi / 110KW	MPFi / 132KW
Engine Size	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1999 - 00	1999 - 00	2000 - 01	2000 - 01	1999 - 02	1999 - 02	2005 - 06	2001 - 1/06
Engine Code	AJQ	AJQ	APP	APP	APX	APX	AUM	AUQ
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	TURBO >	TURBO <	TURBO >	TURBO <	TURBO > CH.8NY	TURBO <		TURBO > CH.8NY
	CH.8NY 095000	CH.8NY 095001	CH.8NY 095000	CH.8NY 095001	095000	CH.8NY 095001	TURBO	095000
Nason / Optibelt Kits								
Part No	KT1296 (A)	KT1231 (A)	KT1296 (A)	KT1231 (A)	KT1296 (A)	KT1231 (A)	KT1231 (A)	KT1296 (A)
Timing Cover								
Water Pump	W6128	W6128	W6128	W6128	W6128	W6128	W6128	W6128
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T306N	T306N	T306N	T306N	T306N	T306N	T306N	T306N
Size	150T x 23	150T x 23	150T x 23	150T x 23	150T x 23	150T x 23	150T x 23	150T x 23
Timing Belt / Chain # 2								
Size								
Hyd Tensioner	NBTH008	NBTH008	NBTH008	NBTH008	NBTH008	NBTH008	NBTH008	NBTH008
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T306SK	T306SK	T306SK	T306SK	T306SK	T306SK	T306SK	T306SK
Camshaft Seal		NB446 x 2		NB446 x 2		NB446 x 2	NB446 x 2	
Timing Cover Sel								
Aux / Balance Shft Sel								
Oil Pump Shft Seal								
NOTES								

- NOK SEAL AVAILABLE.

AUDI								
MODEL	TT - 8N	TT - 8N	TT - 8N	TT - 8N	TT - 8N	TT - 8N	TTS - 8J	TT - 8N
	MPFi / 132KW	MPFi / 165KW	MPFi / 165KW	MPFi / 120KW	MPFi / 120KW	MPFi / 140KW	TFSi / 200KW	Efi / 184KW
Engine Size	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	2.0L DOHC 16V	3.2L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL
Year's	2001 - 1/06	1999 - 10/06	1999 - 10/06	2006 - 10/06	2006 - 10/06	2005 - 10/06	2008 - 14	2004 - 05
Engine Code	AUQ	BAM	BAM	BVP	BVP	BVR	CDLB	BHE
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	TURBO < CH.8NY 095001	TURBO > CH.8NY 095000	TURBO < CH.8NY 095001	> CH. 095000	<CH. 095001	TURBO	TURBO	
Nason / Optibelt Kits								
Part No	KT1231 (A)	KT1296 (A)	KT1231 (A)	KT1296 (A)	KT1231 (A)	KT1296 (A)	KT1432	
Timing Cover								
Water Pump	W6128	W6128	W6128					W3154
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T306N	T306N	T306N	T306N	T306N	T306N	T334N	
Size	150T x 23	150T x 23	150T x 23	150T x 23	150T x 23	150T x 23	148T x 23	
Timing Belt / Chain # 2								
Size								
Hyd Tensioner	NBTH008	NBTH008	NBTH008	NBTH008	NBTH008	NBTH008		
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T306SK	T306SK	T306SK	T306SK	T306SK	T306SK	T334SK	
Camshaft Seal	NB446 x 2		NB446 x 2		NB446 x 2		NB446 x 2	
Timing Cover Sel							N354810	
Aux / Balance Shft Sel								
Oil Pump Shft Seal								
NOTES								

- NOK SEAL AVAILABLE.

AUDI	
MODEL	TT - 8N
	MPFi / 184KW
Engine Size	3.2L DOHC 24V
Engine Type	V6 - PETROL
Year's	2004 - 10/06
Engine Code	BPF
Drive Type	CHAIN
Chassis / Eng Info	
Nason / Optibelt Kits	
Part No	
Timing Cover	
Water Pump	
Fan Clutch	
EGR COOLER	
Drive Align Tensioner	
Timing Belt / Chain # 1	
Size	
Timing Belt / Chain # 2	
Size	
Hyd Tensioner	
Tensioner 1	
Tensioner 2	
Tensioner 3	
Guide / Idler # 1	
Guide / Idler # 2	
Guide / Idler # 3	
Guide / Idler # 4	
Guide / Idler # 5	
Guide / Idler # 6	
Cam Gear	
Crank Gear	
Aux / Oil Pump Gear	
Bal Shaft Gear	
Gskt / Seal Kit	
Camshaft Seal	
Timing Cover Sel	
Aux / Balance Shft Sel	
Oil Pump Shft Seal	
NOTES	

- NOK SEAL AVAILABLE.

BMW							
MODEL	116i - E87 MPFI / 85KW	116i - F20 DIT / 100KW	118D - E87 / 88 DIT / 105KW	118D - F20 DIT / 105KW	118i - F20 DIT / 125KW	118i - E87 MPFI / 95KW	118i - E87 MPFI / 100KW
Engine Size	1.6L DOHC 16V	1.6L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	1.6L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2004 - 2/08	2011 - 14	2007 - 14	2011 - 14	2011 - 14	2004 - 2/07	3/2007 - 9/11
Engine Code	N45 B 16	N13 B 16A	N47 D 20	N47 D 20C	N13 B 16A	N46 B 20	N46 B 20
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO		TURBO	TURBO	TURBO		
Nason / Optibelt Kits Part No							
Timing Cover							
Water Pump			W6549	W6549		W2673	W2673
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

BMW								
MODEL	120D - E87 DIT / 115KW	120D - E87 DIT / 125KW	120i - E87 MPFI / 110KW	123D - E82 DIT / 150KW	123D - E87 DIT / 150KW	123D - E88 DIT / 150KW	125i - F20 DIT / 160KW	125i - E88 MPFI / 160KW
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	3.0L DOHC 24V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	6CYL - PETROL
Year's	2006 - 2/07	3/07 - 10/10	2004 - 2/07	2008 - 14	2008 - 14	2009 - 14	2012 - 14	2008 - 14
Engine Code	M47 TUD 20	N47 TU2D 20	N46 B 20	N47 D 20	N47 D 20	N47 D 20	N20 B 20A	N52 B 30
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO	TURBO						
Nason / Optibelt Kits Part No								
Timing Cover								
Water Pump			W2673	W6549	W6549	W6549		
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size								
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

BMW							
MODEL	125i - E82 MPFI / 160KW	130i - E87 MPFI / 195KW	135i - E82/88 DIT/ 225KW	1M - E82 DIT / 250KW	316i - E36 MPFI / 75KW	316i - E36 MPFI / 77KW	316Ti - E46 MPFI / 85KW
Engine Size	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	1.6L SOHC 8V	1.9L SOHC 8V	1.8L DOHC 16V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2008 - 14	2005 - 10/10	2008 - 14	2011 - 14	1995 - 4/99	1999 - 5/01	2001 - 7/05
Engine Code	N52 B 30	N52 B 30	N54 B 30	N54 B 30	M43 B 16	M43 B 19	N42 B 18
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info		TWIN TURBO		TWIN TURBO			
Nason / Optibelt Kits Part No							
Timing Cover							
Water Pump					W2672	W2672	W2673
Fan Clutch					NFC1 (A)	NFC1 (A)	NFC1 (A)
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

(A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2.
(A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2.
(A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2.

- NOK SEAL AVAILABLE.

BMW								
MODEL	318D - F30/31 DIT / 105KW	318i - E30 MPFI / 85KW	318i - E36 EFI / 85KW	318i - E36 EFI / 85KW	318i - E46 MPFI / 87KW	318i - E46 MPFI / 105KW	318iS - E30/36 EFI / 103KW	318iS - E36 MPFI / 103KW
Engine Size	2.0L DOHC 16V	1.8L SOHC 8V	1.8L SOHC 8V	1.8L SOHC 8V	1.9L SOHC 16V	2.0L DOHC 16V	1.8L DOHC 16V	1.9L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2012 - 14	1987 - 3/91	4/1991 - 94	1994 - 11/98	1998 - 02	2001 - 4/05	1990 - 5/96	1996 - 00
Engine Code	N47 D 20C	M40 B 18ME	M40 B 18ME	M43 B 18	M43 TUB 19	N42 B 20	M42 B 18	M44 B 19
Drive Type	CHAIN	BELT	BELT	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info								

Nason / Optibelt Kits Part No		KT1005	KT1031					
Timing Cover								
Water Pump		W2671	W2671	W2672	W2672	W2672	W2672	W2672
Fan Clutch		NFC1 (A)	NFC1 (A)	NFC1 (A)	NFC1 (A)		NFC1 (A)	NFC1 (A)
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1		T910	T910					
Size		110T x 21	110T x 21					
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit		T910SK	T910SK					
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES	(A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2. (A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2. (A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2. (A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2. (A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2.							
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- NOK SEAL AVAILABLE.

BMW							
MODEL	318Ti - E36 EFI / 103KW	318Ti - E36 MPFI / 103KW	318Ti - E46 MPFI / 105KW	320Ci - E46 EFI / 125KW	320D - E SERIES DIT / ALL	320D - E90 To E93 DIT / 135KW	320D - F30 DIT / 130KW
Engine Size	1.8L DOHC 16V	1.9L DOHC 16V	2.0L DOHC 16V	2.2L DOHC 24V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	6CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	1994 - 4/96	1996 - 00	2001 - 7/05	2000 - 06	2001 - 4/10	5/2010 - 14	2012 - 14
Engine Code	M42 B 18	M44 B 19	N42 B 20	M54 B 22	M47 D 20	N47 D 20C	N47 D 20C
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info				CRD TURBO		CRD TURBO	CRD TURBO
Nason / Optibelt Kits Part No							
Timing Cover							
Water Pump	W2672	W2672	W2672	W2735			
Fan Clutch	NFC1 (A)	NFC1 (A)					
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.
(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

- NOK SEAL AVAILABLE.

BMW							
MODEL	320i - E30 EFI / 92KW	320i - E36 MPFI / 110KW	320i - E36 MPFI / 110KW	320i - E90, E91 MPFI / 110-115KW	320i - F30, F31 DIT / 135KW	320i - E46 MPFI / 125KW	323Ci - E36, E46 MPFI / 125KW
Engine Size	2.0L SOHC 12V	2.0L DOHC 24V	2.0L DOHC 24V	2.0L DOHC 16V	2.0L DOHC 16V	2.2L DOHC 24V	2.5L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	4CYL - PETROL	4CYL - PETROL	6CYL - PETROL	6CYL - PETROL
Year's	1983 - 91	1991 - 96	1995 - 98	2005 - 10/08	2012 - 14	2000 - 5/07	1999 - 10/00
Engine Code	M20 B 20K	M50 B 20	M52 B 20	N46 B 20	N20 B 20B	M54 B 22	M52 B 25
Drive Type	BELT	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO						
Nason / Optibelt Kits Part No	KT1007						
Timing Cover							
Water Pump	W2646	W2735	W2735	W2673	W2673	W2735	W2735
Fan Clutch	NFC1 (A)	NFC1 (A)	NFC1 (A)				NFC1 (A)
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T131						
Size	127T x 25						
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T131SK						
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.
(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.
(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.
(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

- NOK SEAL AVAILABLE.

BMW								
MODEL	323i - E21, E30 EFI / 105KW	323i - E36, E46 MPFI / 125KW	323i - E90, E91 MPFI / 130KW	323i - E90 To E92 MPFI / 140KW	325Ci - E46 MPFI / 141KW	325E - E30 EFI / 90KW	325i - E30 EFI / 125KW	325i - E36 EFI / 141KW
Engine Size	2.3L SOHC 12V	2.5L DOHC 24V	2.5L DOHC 24V	2.5L DOHC 24V	2.5L DOHC 24V	2.7L SOHC 12V	2.5L SOHC 12V	2.5L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL
Year's	1979 - 86	1996 - 10/00	2005 - 5/07	2007 - 14	2000 - 2/07	1986 - 88	1985 - 93	1991 - 5/95
Engine Code	M20 B 23	M52 B 25	N52 B 25	N52 B 25	N54 B 25	M20 B 27	M20 B 25	M50 B 25
Drive Type	BELT	CHAIN	CHAIN	CHAIN	CHAIN	BELT	BELT	CHAIN
Chassis / Eng Info								
Nason / Optibelt Kits Part No	KT1007					KT1007	KT1007	
Timing Cover								
Water Pump	W2154	W2735				W2154	W2646	W2735
Fan Clutch	NFC1 (A)	NFC1 (A)				NFC1 (A)	NFC1 (A)	NFC1 (A)
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T131					T131	T131	
Size	127T x 25					127T x 25	127T x 25	
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T131SK					T131SK	T131SK	
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

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dia of 135mm. For 111mm
use NFC2.

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

- NOK SEAL AVAILABLE.

BMW							
MODEL	325i - E46 MPFI / 141KW	325i - E90 To E93 MPFI / 160KW	325Ti - E46 MPFI / 141KW	328Ci - E46 MPFI / 142KW	328i - F30, F31 DIT / 180KW	328i - E36, E46 MPFI / 142KW	330Ci - E46 EFI / 170KW
Engine Size	2.5L DOHC 24V	2.5L DOHC 24V	2.5L DOHC 24V	2.8L DOHC 24V	2.0L DOHC 16V	2.8L DOHC 24V	3.0L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	4CYL - DIESEL	6CYL - PETROL	6CYL - PETROL
Year's	2000 - 1/04	2005 - 14	2001 - 7/05	1999 - 9/00	2012 - 14	1995 - 9/00	2000 - 06
Engine Code	M54 B 25	N52 B 25	M54 B 25	M52 B 28	N20 B 20A/B	M52 B 28	M54 B 30
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info				TURBO			
Nason / Optibelt Kits Part No							
Timing Cover							
Water Pump	W2735		W2735	W2735		W2735	W2735
Fan Clutch				NFC1 (A)		NFC1 (A)	
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.
(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

- NOK SEAL AVAILABLE.

BMW							
MODEL	330D - E46 DIT / 142KW	330D - E91 DIT / 170KW	330D- E90 To E93 DIT / 180KW	330i - E46 EFI / 170KW	330i - E90 MPFI / 190KW	335i - E93 DIT / 225KW	335i - E90 To E92 DIT / 225KW
Engine Size	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V
Engine Type	6CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL
Year's	2000 - 02	2005 - 08	2009 - 14	2000 - 05	2005 - 07	2006 - 3/10	2006 - 3/10
Engine Code	M57 D 30	M57 D 30	M57 D 30	M54 B 30	N52 B 30	N54 B 30A	N54 B 30A
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO	CRD TURBO	CRD TURBO				TWIN TURBO
Nason / Optibelt Kits Part No							
Timing Cover							
Water Pump		W6338	W6338	W2735			
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

BMW							
MODEL	335i - E90 To E93 DIT / 225KW	335i - F30 DIT / 225KW	520D - E60 DIT / 125KW	520D - F10, F11 DIT / 135KW	520D - F07 DIT / 135KW	520i - E28, E34 EFI / 92KW	520i - E34 MPFI / 110KW
Engine Size	3.0L DOHC 24V	3.0L DOHC 24V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L SOHC 12V	2.0L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	6CYL - PETROL	6CYL - PETROL
Year's	2010 - 14	2012- 14	2007 - 6/10	2010 - 14	2012 - 14	1983 - 90	1990 - 3/96
Engine Code	N55 B 30A	N55 B 30A	N47 TU2 D20	N47 TU2 D20	N47 D 20C	M20 B 20 / K	M50 B 20
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT	CHAIN
Chassis / Eng Info	TURBO	TURBO	TURBO	TURBO	CRD TURBO		
Nason / Optibelt Kits Part No						KT1007	
Timing Cover							
Water Pump						W2154	W2735
Fan Clutch						NFC1 (A)	NFC1 (A)
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size						T131 127T x 25	
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit						T131SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

(A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2.
(A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2.

- NOK SEAL AVAILABLE.

BMW							
MODEL	525i - E34 EFI / 141KW	525i - E39, E60 EFI / 141KW	525i - E60 EFI / 150KW	528i - F10 DIT / 180KW	528i EFI / 135KW	528i - E39 MPFI / 142KW	528i - F10 DI / 190KW
Engine Size	2.5L DOHC 24V	2.5L DOHC 24V	2.5L DOHC 24V	2.0L DOHC 16V	2.8L SOHC 12V	2.8L DOHC 24V	3.0L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	4CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL
Year's	1990 - 97	2000 - 05	2004 - 08	2011 - 14	1981 - 86	1996 - 01	2010 - 12
Engine Code	M50 B 25	M54 B 25	N52 B 25	N20 B 20B	M30 B 28E	M52 B 28	N53 B 30
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO						
Nason / Optibelt Kits Part No							
Timing Cover							
Water Pump		W2735			W2477	W2735	
Fan Clutch	NFC1 (A)				NFC1 (A)	NFC1 (A)	
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

(A) NFC 1 Has a fan mount
dia of 135mm. For 111mm
use NFC2.

- NOK SEAL AVAILABLE.

BMW								
MODEL	530D - E60 DIT / 160KW	530D - E60 DIT / 170KW	530D - F07 DIT / 180KW	530i - E39, E60 EFI / 170KW	530i - E60, E61 EFI / 168KW	535D - F10 220KW	535i - F07 To F11 DIT / 225KW	535i - E28 EFI / 136KW
Engine Size	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.5L SOHC 12V
Engine Type	6CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL	6CYL - PETROL	6CYL - PETROL	6CYL - DIESEL	6CYL - PETROL	6CYL - PETROL
Year's	2003 - 06	2008 - 6/10	2010 - 14	2000 - 05	2005 - 07	2010 - 14	2010 - 14	1986 - 8/88
Engine Code	M57 TUD 30	M57 D 30	M57 D 30	M54 B 30	M52 B 30	N57 D 30B	N55 B 30 /A	M30 B 34
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO	TURBO	CRD TURBO	TWIN TURBO				
Nason / Optibelt Kits								
Part No								
Timing Cover								
Water Pump				W2735	W2735			W2477
Fan Clutch								NFC1 (A)
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1								
Size								
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

BMW							
MODEL	535i - E34 EFI / 155KW	535is - E34 EFI / 155KW	X3 - E83 DIT / 125KW	X3 - F25 DIT / 135KW	X3 - F25 DIT / 135KW	X3 - F25 DIT / 180KW	X3 - E83 MPFI / 141KW
Engine Size	3.5L SOHC 12V	3.5L SOHC 12V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.5L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	6CYL - PETROL
Year's	1988 - 5/93	1988 - 91	2007 - 2/11	2011 - 14	2011 - 14	2012 - 14	2004 - 07
Engine Code	M30 B 35	M30 B 35	N47 D 20	N47 D 20C	N20 B 20A	N20 B 20A	M54 B 25
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info			TURBO	TURBO	TURBO	TURBO	
Nason / Optibelt Kits Part No							
Timing Cover							
Water Pump	W2477	W2477	W6549	W6549			W2735
Fan Clutch	NFC1 (A)	NFC1 (A)					
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

(A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2.

(A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2.

- NOK SEAL AVAILABLE.

BMW							
MODEL	X3 - E83 MPFI / 160KW	X3 - E83 MPFI / 170KW	X3 - E83 MPFI / 200KW	X3 - E83 DIT / 160KW	X3 - F25 DIT / 190KW	X3 - F25 MPFI / 190KW	X5 - E53 135KW
Engine Size	2.5L DOHC 24V	2.5L DOHC 24V	2.5L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - DIESEL	6CYL - DIESEL	6CYL - PETROL	6CYL - DIESEL
Year's	2006 - 07	2007 - 07	2007 - 2/11	2005 - 2/11	2011 - 14	2011 - 4/12	2001 - 04
Engine Code	M54 B 25	M54 B 30	N52 B 30	M57 TUD 30	N57 D 30	N53 B 30	M57 D 30
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO TWIN TURBO						
Nason / Optibelt Kits Part No							
Timing Cover							
Water Pump	W2735	W2735					
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

BMW								
MODEL	X5 - E53 MPFI / 170KW	X5 - E53 150KW	X5 - E70 160KW	X5 - E70 173KW	X5 - E70 200/210KW	X5 - E70 180KW	X5 - E70 225KW	X5 - E70 MPFI / 200KW
Engine Size	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL	6CYL - PETROL
Year's	2001 - 2/07	2004 - 2/07	2007 - 10/08	2008 - 5/10	2008 - 5/10	2010 - 14	2010 - 14	2007 - 5/10
Engine Code	M54 B 30	M57 TUD 30	M57 TU2D 30	M57 TUD2 30	M57 TUD2 30	N57 D 30B	N57 D 30B	N52 B 30
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	CRD TURBO							
Nason / Optibelt Kits Part No								
Timing Cover								
Water Pump	W2735			W6428				
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size								
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

BMW							
MODEL	X5 - E70 DIT / 225KW	X6 - E71 DIT / 225KW	X6 - E71 DIT / 225KW	X6 - E71 210KW	X6 - E71 225KW	X6 - E71 280KW	Z3 - E36 EFI / 103KW
Engine Size	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	1.9L DOHC 16V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL	4CYL - PETROL
Year's	2010 - 14	2008 - 8/10	2010 - 14	2008 - 8/10	2010 - 14	2012 - 14	1996 - 99
Engine Code	N55 B 30A	N54 B 30	N55 B 30	M57 TU2D 30	N57 D 30	N57 D 30C	M44 B 19
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TWIN TURBO	TWIN TURBO	TWIN TURBO	CRD TURBO	TWIN TURBO	TRIPLE TURBO	
Nason / Optibelt Kits Part No							
Timing Cover							
Water Pump							W2672
Fan Clutch							NFC1 (A)
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

BMW			
MODEL	Z3 - E36 EFI / 112KW	Z3 - E36 EFI / 125KW	Z3 - E36 MPFI / 142KW
Engine Size	2.0L DOHC 24V	2.2L DOHC 24V	2.8L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL
Year's	1999 - 01	2000 - 02	1997 - 01
Engine Code	M52 B 20	M54 B 22	M52 B 28
Drive Type	CHAIN	CHAIN	CHAIN
Chassis / Eng Info			
Nason / Optibelt Kits Part No			
Timing Cover			
Water Pump	W2735	W2735	W2735
Fan Clutch	NFC1 (A)	NFC1 (A)	NFC1 (A)
EGR COOLER			
Drive Align Tensioner			
Timing Belt / Chain # 1 Size			
Timing Belt / Chain # 2 Size			
Hyd Tensioner			
Tensioner 1			
Tensioner 2			
Tensioner 3			
Guide / Idler # 1			
Guide / Idler # 2			
Guide / Idler # 3			
Guide / Idler # 4			
Guide / Idler # 5			
Guide / Idler # 6			
Cam Gear			
Crank Gear			
Aux / Oil Pump Gear			
Bal Shaft Gear			
Gskt / Seal Kit			
Camshaft Seal			
Timing Cover Seal			
Aux / Balance Shaft Seal			
Oil Pump Shaft Seal			
NOTES	(A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2. (A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2. (A) NFC 1 Has a fan mount dia of 135mm. For 111mm use NFC2.		
# - NOK SEAL AVAILABLE.			

CHEVROLET			
Model	SUBURBAN - 1500	SUBURBAN - 1500	SUBURBAN - 2500
Engine Size	5.7L OHV 16V	6.2L OHV 16V	6.5L OHV 16V
Engine Type	V8 - PETROL	V8 - DIESEL	V8 - DIESEL
Year's	1995 - 99	1995 - 99	1992 - 99
Engine Code			
Drive Type	CHAIN	CHAIN	CHAIN
Chassis / Eng Info			
Nason / Optibelt Kits			
Part No			
Timing Cover			
Water Pump	W8010 (A)	W1686	W9081
Fan Clutch	NFC49		
EGR COOLER			
Drive Align Tensioner			
Timing Belt / Chain # 1			
Size			
Timing Belt / Chain # 2			
Size			
Hyd Tensioner			
Tensioner 1			
Tensioner 2			
Tensioner 3			
Guide / Idler # 1			
Guide / Idler # 2			
Guide / Idler # 3			
Guide / Idler # 4			
Guide / Idler # 5			
Guide / Idler # 6			
Cam Gear			
Crank Gear			
Aux / Oil Pump Gear			
Bal Shaft Gear			
Gskt / Seal Kit			
Camshaft Seal			
Timing Cover Seal			
Aux / Balance Shaft Seal			
Oil Pump Shaft Seal			
NOTES	(A) FROM 7/99 USE W9078 WITH 2 X TUBE OUTLETS.		
# - NOK SEAL AVAILABLE.			

CHEVROLET			
Model			
SUBURBAN - 1500 SUBURBAN - 1500 SUBURBAN - 2500			
Engine Size	5.7L OHV 16V	6.2L OHV 16V	6.5L OHV 16V
Engine Type	V8 - PETROL	V8 - DIESEL	V8 - DIESEL
Year's	1995 - 99	1995 - 99	1992 - 99
Engine Code			
Drive Type	CHAIN	CHAIN	CHAIN
Chassis / Eng Info			
Nason / Optibelt Kits			
Part No			
Timing Cover			
Water Pump	W8010 (A)	W1686	W9081
Fan Clutch	NFC49		
EGR COOLER			
Drive Align Tensioner			
Timing Belt / Chain # 1			
Size			
Timing Belt / Chain # 2			
Size			
Hyd Tensioner			
Tensioner 1			
Tensioner 2			
Tensioner 3			
Guide / Idler # 1			
Guide / Idler # 2			
Guide / Idler # 3			
Guide / Idler # 4			
Guide / Idler # 5			
Guide / Idler # 6			
Cam Gear			
Crank Gear			
Aux / Oil Pump Gear			
Bal Shaft Gear			
Gskt / Seal Kit			
Camshaft Seal			
Timing Cover Seal			
Aux / Balance Shaft Seal			
Oil Pump Shaft Seal			
NOTES	(A) FROM 7/99 USE W9078 WITH 2 X TUBE OUTLETS.		
# - NOK SEAL AVAILABLE.			

CITROEN								
Model	BERLINGO - MF MPFI / 58KW	BERLINGO - MF MPFI / 58KW	BERLINGO - MF HDI / 66KW	BERLINGO - MF DTI / 55KW	BERLINGO MPFI / 66KW	C2 - JM EFI / 80KW	C2 - JM EFI / 92KW	
Engine Size	1.4L SOHC 8V	1.4L SOHC 8V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	
Year's	1999 - 11/00	1999 - 11/00	2008 - 14	2007 - 08	2009 -14	2003 - 07	2003 - 07	
Engine Code	TU3JP	TU3JP	DV6AUTED4	DV6B	TU5JP4 B	TU5JP4	TU5JP4 S	
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	
Chassis / Eng Info	> ENG 3666765	< ENG 3666766	CRD TURBO	CRD TURBO				
Nason / Optibelt Kits Part No	KT1019	KT1370	KT1390	KT1390	KT1332	KT1332	KT1332	
Timing Cover								
Water Pump		W6344 (A)	W6318	W6318	W7038 (A)	W7038 (A)	W7038 (A)	
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T901N	T911N	T1608N	T1608N	T1581N	T1581N	T1581N	
Size	108T x 17	104T x 17	137T x 25	137T x 25	134T x 25	134T x 25	134T x 25	
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T901SK	T911SK	T1608SK	T1608SK	T1581SK	T1581SK	T1581SK	
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES	(A) 20T HUB.	(A) 18T HUB.			(A) 56mm hub.	(A) 56mm hub.	(A) 56mm hub.	

CITROEN							
Model	C3 - FC MPFI / 57KW	C3 - FC HDI / 66KW	C3 - FC MPFI / 88KW	C3 - FC MPFI / 83KW	C3 - FC MPFI / 83KW	C4 - LA MPFI / 80KW	C4 - LC HDI / 80KW
Engine Size	1.4L SOHC 8V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's	2002 - 3/09	2007 -1/12	2010 - 14	2003 -5/10	2003 -5/10	2005 - 2/09	2006 - 9/11
Engine Code	TU3JP	DV6ATED4	EP6C	TU5JP4	TU5JP4	TU5JP4	DV6 TED4
Drive Type	BELT	BELT	CHAIN	BELT	BELT	BELT	BELT
Chassis / Eng Info		CRD TURBO		> CH#1806404	< CH# 1806405		CRD TURBO
Nason / Optibelt Kits Part No	KT1370	KT1390		KT1330	KT1332	KT1332	KT1390
Timing Cover							
Water Pump	W6344 (A)	W6318	W6494	W7038 (A)	W7038 (A)	W7038 (A)	W6318
Fan Clutch							
EGR COOLER							
Drive Align Tensioner		39008	39127				39008
Timing Belt / Chain # 1	T911N	T1608N		T1581N	T1581N	T1581N	T1608N
Size	104T x 17	137T x 25		134T x 25	134T x 25	134T x 25	137T x 25
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T911SK	T1608SK		T1581SK	T1581SK	T1581SK	T1608SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES	(A) 18T HUB.			(A) 56mm hub.	(A) 56mm hub.	(A) 56mm hub.	

CITROEN							
Model	C4 - LC HDI / 66KW	C4 - UA DIT / 88KW	C4 - LC HDI / 100KW	C4 - LC HDI / 120KW	C4 - UD MPFI / 103KW	C4 - LA MPFI / 130KW	C4 AIRCROSS
Engine Size	1.6L DOHC 16V	1.6L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2011 - 14	2009 - 14	2005 - 1/12	2/2012 - 14	2005 - 4/10	2005 - 2/09	2012 - 14
Engine Code	DV6 A TED4	EP6	DW10 B TED4	DW10 B TED4	EW10A	EW10 J4S	4B11
Drive Type	BELT	CHAIN	BELT	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	CRD TURBO	&TURBO	CRD TURBO	CRD TURBO			
Nason / Optibelt Kits Part No	KT1390		KT1428	KT1428		KT1244	
Timing Cover							
Water Pump	W6318	W6494	W6310	W6310	W6309 (A)	W6309	W6038
Fan Clutch							
EGR COOLER							
Drive Align Tensioner		39127					
Timing Belt / Chain # 1	T1608N		T1603	T1603		T1503N	
Size	137T x 25		116T X 25.4	116T X 25.4		153T x 25	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1			NBT110	NBT110			
Tensioner 2							
Tensioner 3							
Guide / Idler # 1			NBT149	NBT149			
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T1608SK		T1603SK	T1603SK		T1503SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES					(A) HAS A 61MM IMPELLER. FOR 55MM IMPELLER USE W6440		

CITROEN							
Model	C5 / (DC)						
	DESPATCH	C5 - DC	C5 - DC	C5 - RC	C5 - RD	C5 - RD	C5 / (RE) DESPATCH
	HDI / 79KW	MPFI / 101KW	HDI / 98KW	HDI / 125KW	MPFI / 103KW	HDI / 177KW	HDI / 100KW
Engine Size	2.0L SOHC 8V	2.0L DOHC 16V	2.2L DOHC 16V	2.2L DOHC 16V	2.0L DOHC 16V	3.0L DOHC 24V	2.0L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	V6 - DIESEL	4CYL - DIESEL
Year's	2001 - 1/05	2001 - 1/05	2005 - 8/08	2007 - 8/08	2005 - 7/10	2010 - 14	2006 - 1/10
Engine Code	DW10 A TED4	EW10J4	DW12 TED4	DW12 B TED4	EW10A	DT20CTED4	DW10 B TED4
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	CRD TURBO		CRD TURBO	TWIN TURBO		TWIN TURBO	TURBO
Nason / Optibelt Kits							
Part No	KT1327	KT1244				FTK1	KT1428
Timing Cover							
Water Pump	W6242	W6309 (A)	W6310	W6505	W6309 (A)		W6310
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1		T1503N			T1503N	T1616	T1603
Size		153T x 25			153T x 25	195T X 29	116T X 25.4
Timing Belt / Chain # 2						T1617	
Size						85T X 20	
Hyd Tensioner							
Tensioner 1							NBT110
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							NBT149
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit		T1503SK					T1603SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES		(A) HAS A 61MM IMPELLER. FOR 55MM IMPELLER USE W6440			(A) HAS A 61MM IMPELLER. FOR 55MM IMPELLER USE W6440		

CITROEN								
Model	C5 - RE HDI / 120KW	C5 - TD HDI / 150KW	C5 - TD MPFI / 155KW	C5 - TD MPFI / 155KW		C6 - TD Hdi / 150KW	C6 - TD HDI / 202KW	DS3 - DSTYLE DI / 88KW
Engine Size	2.0L DOHC 16V	2.7L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V		2.7L DOHC 24V	3.0L DOHC 24V	1.6L DOHC 16V
Engine Type	4CYL - DIESEL	V6 - DIESEL	V6 - PETROL	V6 - PETROL		V6 - DIESEL	V6 - DIESEL	4CYL - PETROL
Year's	2010 - 14	2005 - 1/10	2005 - 8/08	2001 - 08		2006 - 1/10	2010 - 14	2010 - 12
Engine Code	DW10 C TED4	DT17BTED4	ES9A	ES9J4S		DT17TED4	FT20CTED4	EP6
Drive Type	BELT	BELT	BELT	BELT		BELT		CHAIN
Chassis / Eng Info	TURBO	TWIN TURBO	VVT			TWIN TURBO	TWIN TURBO	
Nason / Optibelt Kits Part No		FTK1				FTK1		
Timing Cover								
Water Pump			W6384	W6384				
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								39127
Timing Belt / Chain # 1		T1616				T1616		
Size		195T X 29				195T X 29		
Timing Belt / Chain # 2		T1617				T1617		
Size		85T X 20				85T X 20		
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES								

CITROEN									
Model	DS3 - DSPORT DIT / 115KW	DS4 - DSTYLE HDI / 82KW	DS4 - DSPORT DIT / 147KW	DS4 - DSTYLE DIT / 120KW	XANTIA - X1 MPFI / 89KW	XANTIA - X1 MPFI / 108KW	XANTIA - X1 MPFI / 97KW		
Engine Size	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	2.0L SOHC 8V	2.0L SOHC 8V	2.0L DOHC 16V		
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL		
Year's	2010 - 14	2012 - 14	2012 - 14	2012 - 14	1994 - 6/01	1996 - 6/99	1996 - 10/98		
Engine Code	EP6DT	DV6C	EP6CDT	EP6DT	XU10J 2	XU10J 2TE	XU10J 4R		
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	BELT	BELT	BELT		
Chassis / Eng Info	TURBO	CRD TURBO	TURBO	TURBO		TURBO			
Nason / Optibelt Kits Part No					KT1068	KT1068	KT1216		
Timing Cover									
Water Pump					W6083 (A)	W6083 (A)	W6076 (A)		
Fan Clutch									
EGR COOLER									
Drive Align Tensioner	39127								
Timing Belt / Chain # 1					T980N	T980N	T1504N		
Size					114T x 17	114T x 17	136T x 25		
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit					T980SK	T980SK	T1504SK		
Camshaft Seal									
Timing Cover Seal									
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									
NOTES					(A) 68mm RD tooth profile impeller.	(A) 68mm RD tooth profile impeller.	(A) 68mm SQ tooth profile impeller.		

CITROEN							
Model	XSARA - N1 MPFI / 65KW	XSARA - N1 MPFI / 83KW	XSARA - N1 MPFI / 83KW	XSARA - N1 MPFI / 84KW	XSARA - N1 MPFI / 84KW	XSARA - N1 MPFI / 100KW	XSARA - N1 MPFI / 97KW
Engine Size	1.6L SOHC 8V	1.6L DOHC 16V	1.6L DOHC 16V	1.8L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1999 - 01	2001 - 4/05	2001 - 4/05	1998 - 01	1998 - 01	2001 - 4/05	1998 - 01
Engine Code	TU5JP	TU5JP 4	TU5JP 4	XU7J P4	XU7J P4	EW10J 4	XU10J 4R
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	To CH#1806404		From CH# 1806405	> ORGA 8469	< ORGA 8470		
Nason / Optibelt Kits Part No	KT1063	KT1330	KT1332	KT1216	KT1309	KT1244	KT1216
Timing Cover							
Water Pump	W6084 (A)	W7038	W7038	W6077 (A)	W6077 (A)	W6309 (A)	W6076 (A)
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T702N	T1581N	T1581N	T1504N	T1504N	T1503N	T1504N
Size	101T x 17	134T x 25	134T x 25	136T x 25	136T x 25	153T x 25	136T x 25
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T702SK	T1581SK	T1581SK	T1504SK	T1504SK	T1503SK	T1504SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES	(A) 60mm hub.			(A) 59.45mm SQ tooth profile impeller.	(A) 59.45mm SQ tooth profile impeller.	(A) HAS A 61MM IMPELLER. FOR A 55MM IMPELLER USE WP6440	(A) 68mm SQ tooth profile impeller.

- NOK SEAL AVAILABLE.

CITROEN		
Model	XSARA - N1 MPFI / 124KW	XSARA - N1 MPFI / 124KW
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL
Year's	2001 - 4/05	2001 - 4/05
Engine Code	XU10J 4RS	XU10J 4RS
Drive Type	BELT	BELT
Chassis / Eng Info	> ORGA 8546	< ORGA 8547
Nason / Optibelt Kits Part No	KT1216	
Timing Cover		
Water Pump	W6076 (A)	W6076 (A)
Fan Clutch		
EGR COOLER		
Drive Align Tensioner		
Timing Belt / Chain # 1	T1504N	T1608N
Size	136T x 25	137T x 25
Timing Belt / Chain # 2		
Size		
Hyd Tensioner		
Tensioner 1		
Tensioner 2		
Tensioner 3		
Guide / Idler # 1		
Guide / Idler # 2		
Guide / Idler # 3		
Guide / Idler # 4		
Guide / Idler # 5		
Guide / Idler # 6		
Cam Gear		
Crank Gear		
Aux / Oil Pump Gear		
Bal Shaft Gear		
Gskt / Seal Kit	T1504SK	
Camshaft Seal		
Timing Cover Seal		
Aux / Balance Shaft Seal		
Oil Pump Shaft Seal		
NOTES	(A) 68mm SQ tooth profile impeller.	(A) 68mm SQ tooth profile impeller.

DAEWOO							
Model	CIELO & 1.5i	CIELO	ESPERO	KALOS T200	LACETTI J200	LANOS T100	LANOS T100
Engine Size	1.5L SOHC 8V	1.5L DOHC 16V	2.0L SOHC 8V	1.5L SOHC 8V	1.8L DOHC 16V	1.5L SOHC 8V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1995 - 98	1995 - 98	1995 - 97	2003 - 05	2003 - 05	1997 - 03	1997 - 03
Engine Code	G15MF	A15MF	C20LE	F15S3	T18SED	A15SMS	A16DMS
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info							
Nason / Optibelt Kits Part No	DWTK3	DWTK1 (A)	DWTK4	DWTK3	DWTK6	DWTK3	DWTK1
Timing Cover							
Water Pump	W3071 (B)	W3346 (B)	W2512 (A)	W3071	W4009 (A)	W3071	W3346 (A)
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T1041 / N	T310 / N	T163	T1041 / N	T309 / N	T1041 / N	T310 / N
Size	111T X 17	127T X 25.4	125T X 20	111T X 17	169T X 24	111T X 17	127T X 25.4
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1	NBT365	NBT986	NBT014	NBT365	NBT364 (-)	NBT365	NBT986
Tensioner 2							
Tensioner 3							
Guide / Idler # 1		NBT006			NBT360		NBT006
Guide / Idler # 2					NBT360		
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T203SK	T335SK	T163SK	T1041SK	T309SK	T1041SK	T335SK
Camshaft Seal	NB699	NA582 x 2	NB699	NB699	NB699 x 2	NB699	NA582 x 2
Timing Cover Seal	NB697 (A)	NB697 (A)	NB700	NA5002	NB700	NA5002	NA5002
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES	(A) FROM 1997 USE NA5002 30 x 42 x 8MM. (B) WITHOUT DUSTSHIELD USE W3074.	(A) FROM 1997 USE NA5002 30 x 42 x 8MM or GMTK35. (B) WITHOUT DUSTSHIELD USE W7000	(A) WITHOUT DUSTSHIELD USE W2189		(-) 26MM WIDE BRG . (A) W/OUT WELSHPLUG USE W7031		(A) USE W7000 WITHOUT DUSTSHIELD.

DAEWOO						
Model	LEGANZA V100	LEGANZA V100	MATIZ - M100, M150	NUBIRA - J100	NUBIRA - J100, J150	TACUMA
Engine Size	2.0L DOHC 16V	2.2L DOHC 16V	796cc SOHC 6V	1.6L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1997 - 03	1997 ON	1999 - 05	1997 - 99	1998 - 03	2000 - 04
Engine Code	X20SED	T22SED	F8CV	A16DMS	X20SED	T20SED
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info						
Nason / Optibelt Kits Part No	DWTK6	DWTK5	DWTK7	DWTK1	DWTK6	DWTK6
Timing Cover						
Water Pump	W4009	W4009	W7020	W3346 (A)	W4009	W4009
Fan Clutch						
EGR COOLER						
Drive Align Tensioner						
Timing Belt / Chain # 1	T309 / N	T305	T289 / N	T335	T309 / N	T309 / N
Size	169T X 24	171T X 24	107T X 25.4	127T X 25.4	169T X 24	169T X 24
Timing Belt / Chain # 2						
Size						
Hyd Tensioner						
Tensioner 1	NBT364 (-)	NBT364 (-)	NBT016	NBT986	NBT364 (-)	NBT364 (-)
Tensioner 2						
Tensioner 3						
Guide / Idler # 1	NBT360	NBT360		NBT006	NBT360	NBT360
Guide / Idler # 2	NBT360	NBT360			NBT360	NBT360
Guide / Idler # 3						
Guide / Idler # 4						
Guide / Idler # 5						
Guide / Idler # 6						
Cam Gear						
Crank Gear						
Aux / Oil Pump Gear						
Bal Shaft Gear						
Gskt / Seal Kit	T309SK	T305SK	T289SK-DAE	T335SK	T309SK	T309SK
Camshaft Seal	NB699 x 2	NB699 x 2	NJ377#	NA582 x 2	NB699 x 2	NB699 x 2
Timing Cover Seal	NB700	NB700	NJ377#	NA5002	NB700	NB700
Aux / Balance Shaft Seal						
Oil Pump Shaft Seal						
NOTES	(-) 26MM WIDE BRG	(-) 26MM WIDE BRG		(A) USE W7000 WITHOUT DUSTSHIELD.	(-) 26MM WIDE BRG	(-) 26MM WIDE BRG

- NOK SEAL AVAILABLE.

APPLAUSE - A101	CENTRO L500	CHARADE - G10	CHARADE - G11, G100 (Inc Turbo)	CHARADE - G102, G200	CHARADE - G202S	CHARADE - G203S
1.6L SOHC 16V 4CYL - PETROL 1989 - 99 HD-E BELT	659CC SOHC 12V 3 CYL - PETROL 1995 - 99 EF - EL BELT	993CC SOHC 6V 3 CYL - PETROL 1977 - 83 CB BELT	993CC SOHC 6V 3 CYL - PETROL 1983 - 93 CB BELT	1.3L SOHC 16V 4CYL - PETROL 1988 - 97 HC-E BELT EFI	993CC SOHC 6V 3 CYL - PETROL 1993 - 96 CB BELT CARBY	1.5L SOHC 16V 4CYL - PETROL 1994 - 00 HE - EG BELT EFI
DHTK5	DHTK1	DHTK2	DHTK3	DHTK8	DHTK9	DHTK5
W3009	W3059	W853	W2017 (A)	W3009 (A)	W2017 (A)	W3009 (A)
T182 / N 95T X 25	T930 99T X 25	T803 90T X 19	T022/N SQ 91T X 19	T181 / N 93T X 25	T178/N RD 91T X 19	T182 / N 95T X 25
NBT096	NBT095	NBT091	NBT092	NBT096	NBT092	NBT096
T181/182SK NJ347#	T930/1055SK NJ349#	T022/803SK NJ268 # x 2	T022/803SK NJ268 # x 2	T181/182SK NJ347#	T178SK NJ268 # x 2	T181/182SK NJ347#
			(A) USE ALT W2027 WITH OUTLET.	(A) ROUND HUB OR W3122 WITH SQ HUB.	(A) USE ALT W2027 WITH OUTLET.	(A) ROUND HUB OR W3122 WITH SQ HUB.

- NOK SEAL AVAILABLE.

DAIHATSU

Model	CHARADE - L251	COPEN - L880	CUORE - L701	CUORE - L701	DELTA - V138	FEROZA - F300, F310	MIRA - L200s
Engine Size Engine Type Year's Engine Code Drive Type Chassis / Eng Info	989CC DOHC 12V 3 CYL - PETROL 2003 - 05 EJ - DE BELT	659CC DOHC 16V 3 CYL - PETROL 2003 - 05 JB -T BELT	989CC DOHC 12V 3 CYL - PETROL 1/98 - 9/02 EJ - DE BELT	989CC DOHC 12V 3 CYL - PETROL 2002 - 05 EJ - DE BELT	3.0L DOHC 16V 4CYL - DIESEL 2004 - 05 1KD-FTV BELT	1.6L SOHC 16V 4CYL - PETROL 1988 - 99 HD-E BELT	660CC SOHC 12V 3 CYL - PETROL 1992 - 95 EF , EL BELT
Nason / Optibelt Kits Part No	DHTK10				TTK65 / HT	DHTK5	DHTK1
Timing Cover							
Water Pump	W7047		W7047	W7047	W8144	W3009 (A)	W3059
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size	T1055 111T X 25		T1055 111T X 25	T1055 111T X 25	T1511 / N 97T x 25	T182 / N 95T X 25	T930 99T X 25
Timing Belt / Chain # 2 Size							
Hyd Tensioner Tensioner 1 Tensioner 2 Tensioner 3	NBT017		NBT017	NBT017	NBTH1045-OE NBT981 (A)	NBT096	NBT095
Guide / Idler # 1 Guide / Idler # 2 Guide / Idler # 3 Guide / Idler # 4 Guide / Idler # 5 Guide / Idler # 6							
Cam Gear Crank Gear Aux / Oil Pump Gear Bal Shaft Gear							
Gskt / Seal Kit Camshaft Seal Timing Cover Seal Aux / Balance Shaft Seal Oil Pump Shaft Seal	T930/1055SK NJ349#		T930/1055SK NJ349#	T930/1055SK NJ349#	T1511SK NJ349#	T181/182SK NJ347#	T930/1055SK NJ349#

NOTES

(A) MAIN BOLT DIA
16MM.

(A) ROUND HUB OR
W3122 WITH SQ HUB.

- NOK SEAL AVAILABLE.

DAIHATSU

Model	MIRA - L201	MOVE - 601	PYZAR - G301	PYZAR - G303	ROCKY - F300	ROCKY	ROCKY	SIRION - M101.	
Engine Size Engine Type Year's Engine Code Drive Type Chassis / Eng Info	847CC SOHC 6V 3 CYL - PETROL 1990 - 94 ED10 BELT	847CC SOHC 12V 3 CYL - PETROL 1997 - 00 ED20 BELT	1.6L SOHC 16V 4CYL - PETROL 1997 - 00 HD-E BELT	1.5L SOHC 16V 4CYL - PETROL 1996 - 00 HE - EG BELT	1.6L SOHC 16V 4CYL - PETROL 1988 - 97 HD-E BELT	2.8L OHV 8V 4CYL - DIESEL 1985 - 99 DL / DL-T BELT	2.0L OHV 8V 4CYL - PETROL 1984 - 94 3Y CHAIN	1.3L DOHC 16V 4CYL - PETROL 2000 - 02 K3 - VE2 BELT	
	Nason / Optibelt Kits Part No	DHTK7	DHTK11	DHTK5	DHTK4	DHTK5	DHTK6	TTK9 (A)	DHTK12
	Timing Cover								
	Water Pump	W3059	W3059	W3009 (A)	W3009 (A)	W3009 (A)	REF NEC CATALOGUE	W894	W7347 (A)
	Fan Clutch EGR COOLER							NFC23	
	Drive Align Tensioner								
Timing Belt / Chain # 1 Size	T852 103T X 19	T1020 103T X 19	T182 / N 95T X 25	T1020 103T X 19	T182 / N 95T X 25	T842 108T X 31.8	3DR60	T181 / N 93T X 25	
Timing Belt / Chain # 2 Size									
Hyd Tensioner Tensioner 1 Tensioner 2 Tensioner 3	NBT094	NBT094	NBT096	NBT096	NBT096	NBT144	CT2	NBT017	
Guide / Idler # 1 Guide / Idler # 2 Guide / Idler # 3 Guide / Idler # 4 Guide / Idler # 5 Guide / Idler # 6						NBT1207	TCD2		
Cam Gear Crank Gear Aux / Oil Pump Gear Bal Shaft Gear							TTG6 TTG3		
Gskt / Seal Kit Camshaft Seal Timing Cover Seal Aux / Balance Shaft Seal Oil Pump Shaft Seal	T852/1020SK NJ349#	T852/1020SK NJ349#	T181/182SK NJ347#	T181/182SK NJ347#	T181/182SK NJ347#	T842SK NJ276	NTCS25 NJ344#	T181/182SK NJ347#	

NOTES	(A) ROUND HUB OR W3122 WITH SQ HUB.	(A) ROUND HUB OR W3122 WITH SQ HUB.	(A) ROUND HUB OR W3122 WITH SQ HUB.	(A) USE TTKG9 WITH GEARS	(A) 3 BOLT HOLE HUB OR W7348 WITH 4 BOLT HUB.
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- NOK SEAL AVAILABLE.

DAIHATSU					
Model	SIRION - M301.	TERIOS - J100	TERIOS - J102	YRV - M200	YRV - M201
Engine Size	1.3L DOHC 16V	1.3L SOHC 16V	1.3L DOHC 16V	989CC DOHC 12V	1.3L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	3 CYL - PETROL	4CYL - PETROL
Year's	2005	1997 - ON	2000 - 05	2000 - 05	2000 - 05
Engine Code	K3	HC - EJ	K3	EJ - DE	K3 - VE2
Drive Type	CHAIN	BELT	CHAIN	BELT	BELT
Chassis / Eng Info					
Nason / Optibelt Kits					
Part No	DHTK13	DHTK8	DHTK13	DHTK10	DHTK12
Timing Cover					
Water Pump	W7348	W3122	W7347 (A)	W7047	W7347 (A)
Fan Clutch					
EGR COOLER					
Drive Align Tensioner					
Timing Belt / Chain # 1	TC158	T181 / N	TC158	T1055	T181 / N
Size		93T X 25		111T X 25	93T X 25
Timing Belt / Chain # 2					
Size					
Hyd Tensioner					
Tensioner 1	CT91	NBT096	CT91	NBT017	NBT017
Tensioner 2					
Tensioner 3					
Guide / Idler # 1	DCD1		DCD1		
Guide / Idler # 2	DCD2		DCD2		
Guide / Idler # 3	DCD3		DCD3		
Guide / Idler # 4					
Guide / Idler # 5					
Guide / Idler # 6					
Cam Gear					
Crank Gear					
Aux / Oil Pump Gear					
Bal Shaft Gear					
Gskt / Seal Kit		T181/182SK		T930/1055SK	T181/182SK
Camshaft Seal		NJ347#		NJ349#	NJ347#
Timing Cover Seal					
Aux / Balance Shaft Seal					
Oil Pump Shaft Seal					
NOTES			(A) 3 BOLT HOLE HUB OR W7348 WITH 4 BOLT HUB.		(A) 3 BOLT HOLE HUB OR W7348 WITH 4 BOLT HUB.
# - NOK SEAL AVAILABLE.					

FIAT							
Model	500 MPFI / 51KW	500 MPFI / 55KW	500 MPFI / 74KW	DUCATO DIT / 81KW	DUCATO CAB CHASSIS TDI / 90KW	DUCATO 3D VAN JTD / 93KW	DUCATO DIT / 116KW
Engine Size	1.2L SOHC 8V	1.3L DOHC 16V	1.4L DOHC 16V	2.3L DOHC 16V	2.8L SOHC 8V	2.8L SOHC 8V	3.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL -DIESEL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	2008 - 9/10	2008 - 9/10	2008 - 1/12	2003 - 1/12	2002 - 1/07	2002 - 1/07	2007 - 12
Engine Code	169 A4.000	169 A1.000	169 A3.000	F1AE	8140.43	8140.43 S	F1ACE
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	CHAIN
Chassis / Eng Info		TURBO		TURBO	TURBO	TURBO	TURBO
Nason / Optibelt Kits							
Part No	KT1447		KT1253	KT1527	KT1340	KT1229	
Timing Cover							
Water Pump		W6348	W6296 (A)	W6501	W6130	W6130	
Fan Clutch							
EGR COOLER							
Drive Align Tensioner			38368				
Timing Belt / Chain # 1	T1637N		T1096N	T1621N	T762N	T761N	
Size	129T x 25		124T x 22	178T x 30	154T x 30	152T x 30	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit				T1621SK	T761/2SK	T761/2SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

(A) WITH PIERBURG
INJECTION SYSTEM,
12MM IMPELLER
DEPTH. FOR ENGINES
WITH TESMA
SYSTEMS USE
WP6519, 30MM
IMPELLER DEPTH.

- NOK SEAL AVAILABLE.

FIAT									
Model	PUNTO - EVO DIT / 66KW	PUNTO MPFI / 88KW	PUNTO MPFI / 57KW	PUNTO DIT / 96KW	PUNTO DIT / 88KW		SCUDO DIT / 88KW	RITMO MPFI / 66KW	RITMO MPFI / 110KW
Engine Size	1.3L DOHC 16V	1.4L DOHC 16V	1.4L SOHC 16V	1.9L SOHC 16V	1.9L SOHC 8V		2.0L DOHC 16V	1.4L DOHC 16V	1.4L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL		4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL
Year's	2006 - 14	2008 - 14	2006 - 11	2006 - 1/09	2006 - ON		2008 - ON	2008 - ON	2008 - ON
Engine Code	199 A3.000	198 A4.000	350 A1.000	199 A5.000	939 A1.000		DW10BTED4	192 B2	198 A1
Drive Type	CHAIN	BELT	BELT	BELT	BELT		BELT	BELT	BELT
Chassis / Eng Info		TURBO	TURBO				TURBO		TURBO
Nason / Optibelt Kits									
Part No		KT1253	KT1447	GMTK36	GMTK36			KT1253	KT1253
Timing Cover									
Water Pump	W6348		W6519	W3077	W3077		W6310		
Fan Clutch									
EGR COOLER									
Drive Align Tensioner		38368							38368
Timing Belt / Chain # 1		T1096N	T1637N	T1521	T1521		T1603	T1096N	T1096N
Size		124T x 22	129T x 25	190T X 24	190T X 24		116T X 25.4	124T x 22	124T x 22
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1				NBT407	NBT407		NBT110		
Tensioner 2									
Tensioner 3									
Guide / Idler # 1				NBT408	NBT408		NBT149		
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit				T1521/1615SK	T1521/1615SK		T1603SK		
Camshaft Seal									
Timing Cover Seal									
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

NOTES

- NOK SEAL AVAILABLE.

FIAT	
Model	RITMO DIT / 110KW
Engine Size	1.9L SOHC 16V
Engine Type	4CYL - DIESEL
Year's	2008 - ON
Engine Code	937 A5
Drive Type	BELT
Chassis / Eng Info	TURBO
Nason / Optibelt Kits	
Part No	GMTK37
Timing Cover	
Water Pump	
Fan Clutch	
EGR COOLER	
Drive Align Tensioner	
Timing Belt / Chain # 1	
Size	
Timing Belt / Chain # 2	
Size	
Hyd Tensioner	
Tensioner 1	
Tensioner 2	
Tensioner 3	
Guide / Idler # 1	
Guide / Idler # 2	
Guide / Idler # 3	
Guide / Idler # 4	
Guide / Idler # 5	
Guide / Idler # 6	
Cam Gear	
Crank Gear	
Aux / Oil Pump Gear	
Bal Shaft Gear	
Gskt / Seal Kit	
Camshaft Seal	
Timing Cover Seal	
Aux / Balance Shaft Seal	
Oil Pump Shaft Seal	
NOTES	
# - NOK SEAL AVAILABLE.	

FORD								
Model	ECONOVAN	ECONOVAN JH	ECONOVAN JG, JH	ECOSPORT BK - 92KW	ECOSPORT BK - 82KW	ESCAPE - BA, ZA.	ESCAPE - ZB	ESCAPE - ZB
Engine Size	2.2L SOHC 8V	1.8L SOHC 12V	2.0L SOHC 12V	1.0L DOHC 16V	1.5L DOHC 16V	3.0L DOHC 24V	2.3L DOHC 16V	2.3L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	3CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	FROM 1987	7/2003 - 06	7/2003 - 06	2014 - 16	2014 - 16	2001- 06	To 10/2004	11/04 - 5/06
Engine Code	R2	F8	FE	M1JC	Duratec 15	AJ	Duratec 23	Duratec 23
Drive Type	BELT	BELT	BELT	BELT	BELT	CHAIN	CHAIN	CHAIN
Chassis / Eng Info		EFI	EFI	MPFI	MPFI	2967cc	Without - VVT	Without - VVT
Nason / Optibelt Kits Part No	MZTK29	MZTK26	MZTK26		FTK23	MZTK39 (A)		
Timing Cover								
Water Pump	W1018	W2032	W2032		W6409	W7048 (B)	W8220	W8220
Fan Clutch	NFC7		NFC19					
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T822 (A)	T264 / N	T264 / N		T1086 / N		TC137	TC138
Size	164T X 25.4	108T X 25.4 RD	108T X 25.4 RD		117T X 22		174 LINK	138 LINK / 8MM
Timing Belt / Chain # 2								TC54
Size								54 LINK
Hyd Tensioner								
Tensioner 1	NBT468	NBT405 (-)	NBT405 (-)		475ST		CT39	CT39
Tensioner 2								
Tensioner 3								
Guide / Idler # 1		NBT406	NBT406					
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear		MATG3	MATG3					
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T822SK	T134/264SK	T134/264SK		T1086SK/Z			
Camshaft Seal	NJ448#	NJ324#	NJ324#		OSS0392 x 2			
Timing Cover Seal	NJ324#	NJ324#	NJ324#		OSS0289		OSS0021	
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES	(A) IF FITTED WITH A 162T BELT USE T863 / N	(-)28.5MM WIDE BRG.	(-)28.5MM WIDE BRG.			(A) TO 1/6/2003. After June 2003 Use MZTK42 with 144 Link Chains. (B) DOME IMPELLER OR W8183 FOR FLAT DISC IMPELLER.		

- NOK SEAL AVAILABLE.

FORD								
Model	FALCON	FALCON	FALCON	FALCON	FALCON & F-SERIES	FALCON AU & F-SERIES	FALCON & F-SERIES	FALCON & F-SERIES
Engine Size Engine Type Year's Engine Code Drive Type Chassis / Eng Info	200CI OHV 12V 6CYL - PETROL 1964 ON	3.3L OHV 12V 6CYL - PETROL 1976 ON	221CI OHV 12V 6CYL - PETROL 1968 ON	4.1L OHV 12V 6CYL - PETROL 1971 ON	289/302W OHV 16V V8 CYL - PETROL 1963 ON Windsor	5.0L EFI OHV 16V V8 CYL - PETROL 1985 ON Windsor EFI	4.9L, 5.8L OHV 16V V8 CYL - PETROL 1972 ON Cleveland	351W OHV 16V V8 CYL - PETROL 1969 ON Windsor
	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Nason / Optibelt Kits Part No	EC3170	EC3170		NOTE (A)	08-1135 (A)	CS3040	CS3080 (A)	
Timing Cover							KC302351	KC351F
Water Pump	W800	W804 (A)	W564	W804 (A)	W807 (C)	W3070 (B)	W809 (D)	W807 (C)
Fan Clutch		NFC14		NFC14		NFC22	NFC20	
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	TC364	TC364	TC362	TC364	TC358 (B)	TC370 (A)	TC494 (C)	TC358 (B)
Timing Belt / Chain # 2 Size								
Hyd Tensioner Tensioner 1 Tensioner 2 Tensioner 3								
Guide / Idler # 1 Guide / Idler # 2 Guide / Idler # 3 Guide / Idler # 4 Guide / Idler # 5 Guide / Idler # 6								
Cam Gear Crank Gear Aux / Oil Pump Gear Bal Shaft Gear	JP5974	JP5974			S406T S431		S420N (B) S493 (B)	S406T S431
Gskt / Seal Kit Camshaft Seal Timing Cover Seal Aux / Balance Shaft Seal Oil Pump Shaft Seal	TC15 NA993 #	TC15 NA993 #	TC15 NA993 #	TC15 NA993 #	TC17 NA455	TC46 OS0002	TC18 LV408	TC17 NA455
NOTES	(A) WITH AIR OR W805 W/OUT AIR.		(A) WITH AIR OR W805 W/OUT AIR.		(A) USE 08-2003T with 9 K/Way & Torr Bearing. (B) FOR ROLLER CHAIN USE 3DR58 (C) R/H OUTLET OR W2953 FOR L/H OUTLET	(A) FOR ROLLER CHAIN USE 3DR58. MAY ALSO BE A TC163 ROLLER CHAIN (B) 82MM HUB OR W3086 FOR 98MM HUB.	(A) FOR ECONO SET USE 08-1121 (B) USE S436N & S475 FOR 5/8" WIDTH GEARS (C)USE TC498 FOR 5/8" WIDTH CHAIN. (D) CAST IRON, ALT ALLOY USE FP1417A.	(A) USE 08-2003T with 9 K/Way & Torr Bearing. (B) FOR ROLLER CHAIN USE 3DR58 (C) R/H OUTLET OR W2953 FOR L/H OUTLET
(A) CONTACT NASONS								
# - NOK SEAL AVAILABLE.								

- NOK SEAL AVAILABLE.

FORD									
Model	FALCON FG	FALCON FG	FESTIVA - WA, WB, WD	FESTIVA - WB11, WD, WF	FIESTA - WP ZETEC	FIESTA - WQ ZETEC	FIESTA - WS ZETEC	FIESTA - WS, WT (DV6)	
Engine Size	5.4L DOHC 32V	5.4L DOHC 32V	1.3 L SOHC 8V & 16V	1.5L SOHC 8V & 16V	1.6L DOHC 16V	1.4 /1.6L DOHC 16V	1.4L DOHC 16V	1.6L DOHC 16V	
Engine Type	V8 CYL - PETROL	V8 CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - T/DIESEL	
Year's	2008 ON	2008 ON	1991 - 01	1996 - 01	To 5/2005	6/05 - 09	2008 - 10	2009 - ON	
Engine Code	BOSS	FPV	B3 & B3-MI	B5 & B5Y	FY-JA	FY-JA	DURATEC 14	DURATORQ 16	
Drive Type	CHAIN	CHAIN	BELT	BELT	BELT	BELT	BELT	BELT	
Chassis / Eng Info	1388cc1560cc								
Nason / Optibelt Kits Part No	FTKG9		MZTK11	MZTK11	KT1297	FTK19	FTK23	KT1390	
Timing Cover									
Water Pump	W8203		W1020	W1020	W3065	W6409	W6409	W6318	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1	TC391 X 2		T185 / N	T185 / N	T1086 / N	T1086 / N	T1086 / N	T1608N	
Size			107T X 22	107T X 22	117T X 22	117T X 22	117T X 22	137T x 25	
Timing Belt / Chain # 2	TC189 X 2								
Size									
Hyd Tensioner									
Tensioner 1	CT412		NBT409	NBT409	231ST	475ST	475ST		
Tensioner 2	CT413								
Tensioner 3	CT416 & CT417								
Guide / Idler # 1	FCD8								
Guide / Idler # 2	FCD9								
Guide / Idler # 3	FCD10 x 2								
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear	S790 (A) x 4								
Crank Gear	S791								
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	TCS52		T185SK	T185SK	T1086SK	T1086SK	T1086SK/Z	T1608SK	
Camshaft Seal			NJ448#	NJ448#	AOSS0293 x 2	AOSS0293 x 2	AOSS0392 x 2		
Timing Cover Seal	AOSS0366		NK158#	NK158#	AOSS0289	AOSS0289	AOSS0289		
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

- NOK SEAL AVAILABLE.

FORD								
Model	FIESTA - WS, WT, WZ	FIESTA - WQ	FIESTA - WZ EcoBoost	FIESTA - WZ	FOCUS - LR,	FOCUS - LS, LT, LW	FOCUS - LS, LT, XR-5 TURBO	FOCUS - LT, LV TURBO
Engine Size	1.6L DOHC 16V	2.0L DOHC 16V	1.0L DOHC 16V	1.5L DOHC 16V	1.8L & 2.0L DOHC 16V	2.0L DOHC 16V	2.5L DOHC 20V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	3CYL - T/PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	5 CYL PETROL	4CYL - DIESEL
Year's	2009 - ON	2007 - 08	2013 - ON	2013 - ON	9/02 - 05	2005 - 07	2006 - 08	2007 - ON
Engine Code	DURATEC 16	DURATEC 20	ARJ	DURATEC 15	EYDE & EDDB/F	DURATEC 20	B5254T3	D4204T
Drive Type	BELT	CHAIN	BELT	BELT	BELT	CHAIN	BELT	BELT
Chassis / Eng Info	1596cc		998cc	1498cc	W & WO - VVT	1999cc	Duratec 25	1997CC
Nason / Optibelt Kits Part No	FTK23	MZTK38		FTK23	FTK11	MZTK38	KT1496	KT1428
Timing Cover								
Water Pump	W6409	W8220		W6409	W8181	W8220	W9339	W6310
Fan Clutch								
EGR COOLER								
Drive Align Tensioner	38331			38331				
Timing Belt / Chain # 1	T1086 / N			T1086 / N	T294		T311 / N	T1603 / N
Size	117T X 22			117T X 22	129T X 25.4		142T x 23	116T X 25.4
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1	475ST	CT39		475ST	NBT575			NBT110
Tensioner 2								
Tensioner 3								
Guide / Idler # 1					NBT573 (60mm)			NBT149
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T1086SK/Z			T1086SK/Z	T258/294SK		T311SK	T1603SK
Camshaft Seal	AOSS0392 x 2			AOSS0392 x 2	AOSS0133 x 2			
Timing Cover Seal	AOSS0289			AOSS0289				
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES								
# - NOK SEAL AVAILABLE.								

FORD									
Model	FOCUS - LV. XR-5 TURBO	FOCUS - LW	FOCUS - LW EcoBoost	FOCUS - LW TURBO	KA, KA2	KUGA - TF	KUGA - TF II	KUGA - TF	KUGA - TE TMPFi / 147KW
Engine Size	2.5L DOHC 20V	1.6L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	1.3L OHV 8V	1.6L DOHC 16V	1.5L DOHC 16V	2.0L DOHC 16V	2.5L DOHC 20V
Engine Type	5 CYL PETROL	4CYL - PETROL	4CYL - T/PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - T/PETROL	4CYL - T/PETROL	4CYL - DIESEL	V6 - PETROL
Year's	2008 ON	2011 - ON	2012 - ON	7/2011 - 14	1999 - 03	2013 - 15	2015-ON	2013 - ON	2013 - ON
Engine Code	B5254T3	Duratec 16	DURATEC 20	DURATORQ 20	ENDURA-E	Duratec 16	Duratec 15	DURATORQ 20	DURATEC
Drive Type	BELT	BELT	CHAIN	BELT	CHAIN	BELT	BELT	BELT	BELT
Chassis / Eng Info	Duratec 25	1596cc	1999cc	1997cc		1596cc	1596cc		
Nason / Optibelt Kits Part No	KT1496	FTK23	MZTK38	KT1428		FTK23	FTK23	KT1428	KT1496
Timing Cover									
Water Pump	W9339	W6409	W8220	W6310	W7049	W6409	W6409	W6310	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1	T311 / N	T1086 / N		T1603 / N		T1086 / N	T1086 / N	T1603 / N	T311 / N
Size	142T x 23	117T X 22		116T X 25.4		117T X 22	117T X 22	116T X 25.4	142T x 23
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1		475ST		NBT110		475ST	475ST	NBT110	
Tensioner 2									
Tensioner 3									
Guide / Idler # 1				NBT149				NBT149	
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T311SK	T1086SK/Z		T1603SK		T1086SK/Z	T1086SK/Z	T1603SK	T311SK
Camshaft Seal		AOSS0392 x 2				AOSS0392 x 2	AOSS0392 x 2		
Timing Cover Seal		AOSS0289			NA576	AOSS0289	AOSS0289		
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

NOTES

- NOK SEAL AVAILABLE.

FORD																					
Model		LASER		LASER - KC		LASER - KC		LASER - KC, KE.		LASER - KE, TX3		LASER - KF, KH		LASER - KF, KH		LASER - KF, KJ, TX3					
Engine Size Engine Type Year's Engine Code Drive Type Chassis / Eng Info	1.3L, 1.5L	SOHC 8V		1.6L	SOHC 8V		1.6L	SOHC 8V		1.6L	SOHC 8V & 16V		1.6L	SOHC 8V & 16V		1.8L	SOHC 16V		1.8L	DOHC 16V	
	4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		
	1981 ON		1985		1985 - 87		1985 ON		1987 - 94		1989 - 92		1989 - 92		1990 ON		1990 - 94		1990 - 94		
	E3 , E5		B6		B6		B6 & B6Y		B6 -D		B6 & B6Y		B6 & B6Y		BP		BP-D		BP-D		
	CHAIN		BELT		BELT		BELT		BELT		BELT		BELT		BELT		BELT		BELT		
Nason / Optibelt Kits Part No		FMTK1 (D)		FMZTK6		MZTK12		MZTK11		MZTK13		MZTK11		MZTK11		MZTK11		MZTK13			
Timing Cover																					
Water Pump		W817		W1020		W1020		W1020		W3010		W1020		W1020		W1020		W3010			
Fan Clutch																					
EGR COOLER																					
Drive Align Tensioner																					
Timing Belt / Chain # 1		3DR90		T123		T141 / N		T185 / N		T179 / N (*)		T185 / N		T185 / N		T185 / N		T179 / N (*)			
Size				107T X 19		107T X 21.6		107T X 22		145T X 22		107T X 22		107T X 22		107T X 22		145T X 22			
Timing Belt / Chain # 2		NTC1142																			
Size																					
Hyd Tensioner																					
Tensioner 1		CT49		NBT409		NBT409		NBT409		NBT410		NBT409		NBT409		NBT409		NBT410			
Tensioner 2																					
Tensioner 3																					
Guide / Idler # 1		MCD20								NBT411										NBT411	
Guide / Idler # 2		MCD21																			
Guide / Idler # 3																					
Guide / Idler # 4																					
Guide / Idler # 5																					
Guide / Idler # 6																					
Cam Gear		MATG33																			
Crank Gear		MATG32																			
Aux / Oil Pump Gear		MATG29 & 36																			
Bal Shaft Gear																					
Gskt / Seal Kit		NTCS29		T123SK		T141/843K		T185SK		T179/308SK		T185SK		T185SK		T185SK		T179/308SK			
Camshaft Seal				NJ448#		NJ448#		NJ448#		NJ324# x 2		NJ448#		NJ448#		NJ448#		NJ324# x 2			
Timing Cover Seal		NB384		NJ448#		NK158#		NK158#		NK158#		NK158#		NK158#		NK158#		NK158#			
Aux / Balance Shaft Seal																					
Oil Pump Shaft Seal																					
NOTES		(D) W/OUT GEARS										(*) T179R PERFORMANCE BELT					(*) T179R PERFORMANCE BELT				
# - NOK SEAL AVAILABLE.																					

FORD										
Model	LASER - KJ, TX3	LASER - KN, KQ	LASER - KN, KQ	LASER - KQ	METEOR - GC	METEOR - GC	MONDEO - HA To HC	MONDEO - HC, HD, HE	MONDEO - HC, HD, HE	
Engine Size	1.6L DOHC 16V	1.6L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V	1.6L SOHC 8V	1.6L SOHC 8V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	
Year's	1994 - 98	1999 ON	2000 - 02	2000 - 02	1985 - 87	1985 - 87	TO 6/1998	FROM 6/98 - 2/99	FROM 2/99	
Engine Code	B6 -D	B6-D & ZMD	FP - D	FS	B6	B6	ZETEC SD	ZETEC SD	ZETEC SD	
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT	
Chassis / Eng Info										
Nason / Optibelt Kits Part No	MZTK13	MZTK14	TCK316	MZTK21	FMZTK6	MZTK12	FTK8	FTK15	FTK10	
Timing Cover										
Water Pump	W3081	W3081	W3082	W3082	W1020	W1020	W2990	W2990	W2990	
Fan Clutch										
EGR COOLER										
Drive Align Tensioner										
Timing Belt / Chain # 1	T179 / N (*)	T308 / N	T316 / N	T228 / N	T123	T141 / N	T258	T294	T294	
Size	145T X 22	123T X 22	133T X 25	135T X 25.4	107T X 19	107T X 21.6	131T X 25.4	129T X 25.4	129T X 25.4	
Timing Belt / Chain # 2										
Size										
Hyd Tensioner										
Tensioner 1	NBT410	NBT410	NBT440	NBT446	NBT409	NBT409	NBT570	NBT575	NBT575	
Tensioner 2										
Tensioner 3										
Guide / Idler # 1	NBT411	NBT411	NBT441	NBT441			NBT571	NBT572 (70mm)	NBT573 (60mm)	
Guide / Idler # 2							NBT576	NBT576	NBT576	
Guide / Idler # 3										
Guide / Idler # 4										
Guide / Idler # 5										
Guide / Idler # 6										
Cam Gear										
Crank Gear										
Aux / Oil Pump Gear										
Bal Shaft Gear										
Gskt / Seal Kit	T179/308SK	T179/308SK	T316SK	T228SK	T123SK	T141/843K	T258/294SK	T258/294SK	T258/294SK	
Camshaft Seal	NJ324# x 2	NJ324# x 2	NJ285 x 2	NJ324# x 2	NJ448#	NJ448#	OSS0133 x 2	OSS0133 x 2	OSS0133 x 2	
Timing Cover Seal	NK158#	NK158#	N425406	NA5086**	NJ448# (A)	NJ448#	OSS0295	OSS0295	OSS0295	
Aux / Balance Shaft Seal										
Oil Pump Shaft Seal										

- NOK SEAL AVAILABLE.

FORD												
Model	MONDEO - MA ,		MONDEO - MA ,		MONDEO - MA ,		MONDEO - MA ,		RANGER - PJ, PK,		RANGER - PJ,	
	MONDEO - HE	MB, MC	MB	MB, MC	MB	PROBE	RAIDER - UV	TURBO	TURBO			
Engine Size	2.5L DOHC 24V	2.0L DOHC 16V	2.5L DOHC 20V	2.3L DOHC 16V	2.5L DOHC 20V	2.5L DOHC 24V	2.6L SOHC 12V	2.5L DOHC 16V	3.0L DOHC 16V			
Engine Type	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	5CYL - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL			
Year's	2000	2007 ON	2007 ON	10/2007 - 14	10/2007 - 14	1994 - 98	1991 - 97	2006 ON	2006 ON			
Engine Code	SEB / C	DUROTORQ 20	B5254T3	DURATEC 23	B5254T	KL	G6	WL-C	WE-C, WEAT			
Drive Type	CHAIN	BELT	BELT	CHAIN	BELT	BELT	CHAIN	BELT	BELT			
Chassis / Eng Info	2544cc	TURBO	Duratec 25	2261cc (VCT)	Duratec 25			Common Rail	Common Rail			
Nason / Optibelt Kits Part No	FTKG17	KT1428			KT1496	MZTK15 / HT	MZTK10	MZTK36	MZTK36			
Timing Cover												
Water Pump	W7048	W6310		W8220	W9339	W3075 (A)	W3123	W3205	W3205			
Fan Clutch							NFC19	NFC15	NFC15			
EGR COOLER								EGRWE-OE	EGRWE-OE			
Drive Align Tensioner												
Timing Belt / Chain # 1		T1603	T311N	TC138 *	T311 / N	T214 / N	3SR102HD	T1601 /N	T1601 /N			
Size		116T X 25.4	142T x 23	138 LINK / 8MM	142T x 23	192T X 30		103T X 26.5	103T X 26.5			
Timing Belt / Chain # 2				TC136 *			NTC1180					
Size				52 LINK								
Hyd Tensioner						NBTH421						
Tensioner 1		NBT110		CT39		NBT425	CT70	NBT988-OE	NBT988-OE			
Tensioner 2												
Tensioner 3												
Guide / Idler # 1		NBT149				NBT420	MCD30	NBT987	NBT987			
Guide / Idler # 2						NBT430	MCD31					
Guide / Idler # 3							MCD32					
Guide / Idler # 4							MCD33					
Guide / Idler # 5							MCD34					
Guide / Idler # 6												
Cam Gear												
Crank Gear												
Aux / Oil Pump Gear												
Bal Shaft Gear												
Gskt / Seal Kit		T1603SK	T311SK		T311SK	T214SK	TC43	T1601SK	T1601SK			
Camshaft Seal						NJ448# x 2		NK182# x 2	NK182# x 2			
Timing Cover Seal						NA5086	NJ978#					
Aux / Balance Shaft Seal												
Oil Pump Shaft Seal												

NOTES

(A) WITH FLAT HUB,
FOR STEPPED
FLANGED HUB USE
W3076.

- NOK SEAL AVAILABLE.

FORD								
Model	RANGER - PX TURBO	RANGER - PX	RANGER - PX TURBO	TELSTAR - AR	TELSTAR - AR	TELSTAR - AR, AS, TX5	TELSTAR - AT	TELSTAR - AV, AX
Engine Size	2.2L DOHC 16V	2.5L DOHC 16V	3.2L DOHC 20V	2.0L SOHC 8V	2.0L SOHC 8V	2.0L SOHC 8V	2.0L SOHC 8V	2.0L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - PETROL	5CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	9/2011 - 2016	9/2011 - 2014	11/2011 - 2016	1983 - 3/84	3/84 - 9/85	9/85 - 88	1988 - 90	1992 - 96
Engine Code	P4AT (2198cc)	DPAT (2488cc)	P5AT (3196cc)	FE	FE	FE	FE	FS
Drive Type	BELT / CHAIN	CHAIN	BELT / CHAIN	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	Common Rail		Common Rail					
Nason / Optibelt Kits Part No				MZTK23	MZTK24	MZTK25	MZTK26	MZTK21
Timing Cover								
Water Pump	W8387	W8220	W8387	W895	W895	W893	W2032	W3082
Fan Clutch				NFC19	NFC19	NFC19	NFC19	
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1		TC138 *		T088	T113 / N	T117 / N	T264 / N	T228 / N
Size		138 LINK		109T X 19 SQ	109T X 19 RD	109T X 22 RD	108T X 25.4 RD	135T X 25.4
Timing Belt / Chain # 2		TC136 *						
Size		52 LINK						
Hyd Tensioner								
Tensioner 1		CT39		NBT403 (-)	NBT403 (-)	NBT404 (-)	NBT405 (-)	NBT446
Tensioner 2								
Tensioner 3								
Guide / Idler # 1							NBT406	NBT441
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear						MATG3	MATG3	
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit				T088/113SK	T088/113SK	T088/113SK	T134/264SK	T228SK
Camshaft Seal				NJ324#	NJ324#	NJ324#	NJ324#	NJ324# x 2
Timing Cover Seal				NJ324#	NJ324#	NJ324#	NJ324#	NA5086**
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES	* SAME CHAINS AS TC135 & TC136 BUT WITH DIFFERENT TIMING MARKS	(-) 23MM WIDE BRG.	(-) 23MM WIDE BRG.	(-) 26MM WIDE BRG.	(-) 28.5MM WIDE BRG.
# - NOK SEAL AVAILABLE.					

FORD								
Model	TELSTAR - AV, TX5 Inc TURBO	TELSTAR - AY, AX	TERRITORY - SX, SY	TERRITORY - SZ	TRANSIT - VE, VF, VG	TRANSIT VG	TRANSIT - VF, VG	TRANSIT - VH, VJ
Engine Size	2.2L SOHC 12V	2.5L DOHC 24V	4.0L DOHC 24V	2.7L DOHC 24V	2.5L OHV 8V	2.5L OHV 8V	2.0L DOHC 8V	2.3L DOHC 16V
Engine Type	4CYL - PETROL	V6 - PETROL	6CYL - PETROL	V6 - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL
Year's	10/87 - 98	1992 - 97	2004 - 14	5/11 - 2014	1994 - 9/97	10/97 - ON	1996 - 00	2001 - 06
Engine Code	F2 / F2-T	KL	BARRA	276DT	4D & TURBO	4E & 4G	NSJ / 4DA	E5F
Drive Type	BELT	BELT	CHAIN	BELT	BELT	BELT	CHAIN	CHAIN
Chassis / Eng Info				CRD TURBO	2496cc	2496cc	1998cc	2295cc
Nason / Optibelt Kits Part No	MZTK27	MZTK15 / HT	FTK6	FTK1	FTK12	FTK14	TBA	TBA
Timing Cover								
Water Pump	W2032	W3075 (A)	W2079P	W7061	W2565	W2565	W4498	W7200
Fan Clutch	NFC19							
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T134 / N	T214 / N	3SR148	T1616	T706 / N	T1065 / N	TC13138END	
Size	110T X 25.4	192T X 30		195T X 29	130T X 25.4	130T X 28		
Timing Belt / Chain # 2				T1617			TC1856END	
Size				85T X 20				
Hyd Tensioner		NBTH421						
Tensioner 1	NBT405 (-)	NBT425	CT414		NBT979	NBT979		
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	NBT406	NBT420	FCD6					
Guide / Idler # 2		NBT430	FCD7					
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T134/264SK	T214SK	TCS48		T706SK	T1065SK		
Camshaft Seal	NJ324#	NJ448# x 2						
Timing Cover Seal	NJ324#	NA5086**	NB809					
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES
(-) 28.5MM WIDE BRG. (A) FLAT HUB FOR STEPPED FLANGED HUB USE W3076.

- NOK SEAL AVAILABLE.

FORD				
Model	TRANSIT - VH, VJ	TRANSIT VM	TRANSIT - VM TURBO	TRANSIT - VM Non VCT
Engine Size	2.4L DOHC 16V	2.4L DOHC 16V	2.2L DOHC 16V	2.3L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL
Year's	2001 - 5/06	5/2006 - ON	2006 - ON	2006 - 08
Engine Code	Duratorq 24 / H9FA	Duratorq 24 / H9FB	Duratorq 22	Duratec 23
Drive Type	DOUBLE CHAIN	SINGLE CHAIN	DOUBLE CHAIN	CHAIN
Chassis / Eng Info	2402cc	2402cc	2198cc	2261cc
Nason / Optibelt Kits				
Part No	FTKG16 (A)	FTK22 (A) (B) (C)	FTKG16 (A)	
Timing Cover				
Water Pump	W3066 / AH	W3066 / AH	W8386	W8220
Fan Clutch				
EGR COOLER				
Drive Align Tensioner				
Timing Belt / Chain # 1				TC138 (A)
Size				138 LINK / 8MM
Timing Belt / Chain # 2	TC1011 (B)	TC1012	TC1012	
Size	76 Link	74 Link	74 Link	52 LINK
Hyd Tensioner				
Tensioner 1				
Tensioner 2	CT69-OE (B)	CT75-OE	CT75-OE	
Tensioner 3				
Guide / Idler # 1				
Guide / Idler # 2				
Guide / Idler # 3				
Guide / Idler # 4				
Guide / Idler # 5				
Guide / Idler # 6				
Cam Gear				
Crank Gear				
Aux / Oil Pump Gear				
Bal Shaft Gear				
Gskt / Seal Kit				
Camshaft Seal				
Timing Cover Seal				
Aux / Balance Shaft Seal				
Oil Pump Shaft Seal				
NOTES	(A) Does not include oil pump chain and tensioner. Sold separately. (B) To 5/03, from 5/03 use TC1012 & CT75-OE.	(A) Simplex Chain (B) USE FTKG22 WITH GEARS. (C) Does not include oil pump chain and tensioner. Sold separately.	(A) Does not include oil pump chain and tensioner. Sold separately.	(A) For 6.3mm wide chain use 3L8G6268AB
# - NOK SEAL AVAILABLE.				

GREAT WALL					
Model	SA220	V200	V240	X200	X240
Engine Size	2.3L OHV 8V	2.0L DOHC 16V	2.4L SOHC 16V	2.0L DOHC 16V	2.4L SOHC 16V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL
Year's	2009 - 14	2011 - 14	2009 - 14	2011 - 14	2009 - 14
Engine Code	491QE	GW4D20	4G69S4N	GW4D20	4G69S4N
Drive Type	GEAR	BELT	BELT	BELT	BELT
Chassis / Eng Info	CRD TURBO		CRD TURBO		
Nason / Optibelt Kits					
Part No			MBTK13 / HT		MBTK13 / HT
Timing Cover					
Water Pump			W3095		W3095
Fan Clutch					
EGR COOLER					
Drive Align Tensioner					
Timing Belt / Chain # 1			T230 / N		T230 / N
Size			124T X 29		124T X 29
Timing Belt / Chain # 2			T168 / N		T168 / N
Size			65T X 12.7 RD		65T X 12.7 RD
Hyd Tensioner			NBTH1090-OE		NBTH1090-OE
Tensioner 1			NBT623 (A)		NBT623 (A)
Tensioner 2					
Tensioner 3					
Guide / Idler # 1			NBT 654		NBT 654
Guide / Idler # 2			NBT606 (B)		NBT606 (B)
Guide / Idler # 3					
Guide / Idler # 4					
Guide / Idler # 5					
Guide / Idler # 6					
Cam Gear					
Crank Gear					
Aux / Oil Pump Gear					
Bal Shaft Gear					
Gskt / Seal Kit			T230/232SK		T230/232SK
Camshaft Seal			NJ242		NJ242
Timing Cover Seal			NJ005		NJ005
Aux / Balance Shaft Seal			NJ610#		NJ610#
Oil Pump Shaft Seal			NJ655#		NJ655#
NOTES			(A) 31MM WIDTH BRG. (B) 55MM DIA BRG.	(A) 31MM WIDTH BRG. (B) 55MM DIA BRG.	
# - NOK SEAL AVAILABLE.					

- NOK SEAL AVAILABLE.

GMH								
Model	ASTRA AH	ASTRA AH	ASTRA AH	ASTRA - AH	ASTRA - LB, LC	ASTRA - LD	ASTRA - TR	ASTRA TS
Engine Size Engine Type Year's Engine Code Drive Type Chassis / Eng Info	1.9L SOHC 8V 4CYL - DIESEL 2007 - ON Z19DTJ BELT AUTO	1.9L DOHC 16V 4CYL - DIESEL 2007 - ON Z19DTH BELT MAN	2.0L DOHC 16V 4CYL - PETROL 2006 - 10 Z20LER BELT TURBO	2.2L DOHC 16V 4CYL - PETROL 2006 - ON Z22YH CHAIN	1.5L/ 1.6L SOHC 8V 4CYL - PETROL 1984 - 87 E15, E16 BELT	1.6L / 1.8L SOHC 8V 4CYL - PETROL 1987 - 89 16LF, 18LF BELT	1.6L SOHC 8V 4CYL - PETROL 1996 - 98 C16SE BELT	1.8L DOHC 16V 4CYL - PETROL 1998 - 00 X18XE BELT > ENG # 20HL5117
Nason / Optibelt Kits Part No	GMTK36	GMTK37	GMTK17	GMTK29 (A)	NTK22		DWTK3	GMTK4 (A)
Timing Cover								
Water Pump	W3080	W3077	W4009	W3089	W888	W2512	W3074 (A)	W7050
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								38212N
Timing Belt / Chain # 1 Size	T1521 190T X 24	T1615 199T X 24	T1566 168T X 24	NTC370	T077 / N 106T X 19	T081 / N 111T X 20	T1041 / N 111T X 17	T1094 / N 162T X 20
Timing Belt / Chain # 2 Size				NTC384				
Hyd Tensioner Tensioner 1	NBT407	NBT407	NBT364 (-)	CT201	NBT227		NBT365	NBT354 (-)
Tensioner 2				CT205				
Tensioner 3								
Guide / Idler # 1	NBT408	NBT408	NBT351	HCD20				NBT361
Guide / Idler # 2			NBT351	HCD21				NBT362 (A)
Guide / Idler # 3				HCD22				
Guide / Idler # 4				HCD25				
Guide / Idler # 5				HCD26				
Guide / Idler # 6				HCD27				
Cam Gear				S850 (Inlet)				
Crank Gear				S849				
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T1521/1615SK	T1521/1615SK	T1566SK		T077SK	T081SK	T1041SK	T1094SK/1XZ
Camshaft Seal			NB699 x 2		NB384	NB699	NB699	NB699 x 2
Timing Cover Seal			NB700	NK180	NJ286#	NB700	NB697 (A)	
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal					NJ951	NB700		

NOTES

(A) GEARS DIFFERENT
TO Z22SE ENGINE

(A) WITHOUT SHIELD USE
W3071

- NOK SEAL AVAILABLE.

GMH								
Model	ASTRA TS	ASTRA TR	ASTRA TS TURBO	ASTRA - TS	BARINA - MB, ML, MF, MH	BARINA - MF, MH	BARINA - MJ (Chev Eng)	BARINA - SB (Chev Eng)
Engine Size	1.8L DOHC 16V	1.8L / 2.0L DOHC 16V	2.0L DOHC 16V	2.2L DOHC 16V	1.3L SOHC 8V	1.3L SOHC 8V	1.2L DOHC 16V	1.2L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2000 - 05	1996 - 98	2000 - 04	1998 - 2007	1985 - 89	1989 - 91	10/2010 - 2014	2012 - 16
Engine Code	Z18XE	C18SEL, X20XE	Z20LET	Z22SE	G13A, BA	G13BA	B12B	B12D2
Drive Type	BELT	BELT	BELT	CHAIN	BELT / SQ	BELT / RD	CHAIN	CHAIN
Chassis / Eng Info	< ENG # 20HL5118				(1324cc)	(1298cc)	(1206cc)	(1248cc)
Nason / Optibelt Kits Part No	GMTK5 (A)	DWTK6	GMTK17	GMTK29 (A) (B)	SZTK1	SZTK6		
Timing Cover								
Water Pump	W7050	W4009 (A)	W4009	W3089	W3012 (A)	W3037	W7005	W7005
Fan Clutch								
EGR COOLER								
Drive Align Tensioner	38212N							
Timing Belt / Chain # 1	T1094 / N	T309 / N	T1566	NTC370	T095 / N	T243 / N		
Size	162T X 20	169T X 24	168T X 24		89T X 19 SQ	89T X 19 RD		
Timing Belt / Chain # 2				NTC384				
Size								
Hyd Tensioner								
Tensioner 1	NBT354 (-)	NBT364 (-)	NBT364 (-)	CT201	NBT884	NBT884		
Tensioner 2				CT205				
Tensioner 3								
Guide / Idler # 1	NBT361	NBT360	NBT351	HCD20				
Guide / Idler # 2	NBT366 (A)	NBT360	NBT351	HCD21				
Guide / Idler # 3				HCD22				
Guide / Idler # 4				HCD25				
Guide / Idler # 5				HCD26				
Guide / Idler # 6				HCD27				
Cam Gear				S850 (Inlet)				
Crank Gear				S849				
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T1094SK/1XZ	T309SK	T1566SK		T095/243SK	T095/243SK		
Camshaft Seal	NB699 x 2	NB699 x 2	NB699 x 2		NJ336#	NJ336#		
Timing Cover Seal		NB700	NB700	NK180	NJ377#	NJ377#		
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) WITHOUT SHIELD USE W7031

(A) Kit does not contain gasket only the seal. (B) Use Alt GMTKG29 kit with Gears.

(A) SUITS MAN TRANS. FOR AUTO USE W3037

GMH								
Model	BARINA - SB	BARINA - SB Gsi	BARINA RS	BARINA - TK	BARINA - TM	BARINA - XC	BARINA - XC	BARINA - XC
Engine Size Engine Type Year's Engine Code Drive Type Chassis / Eng Info	1.2L / 1.4L SOHC 8V 4CYL - PETROL 1994 - 01 C12NZ, C14NZ ,C14SE BELT	1.6L DOHC 16V 4CYL - PETROL 1994 - 98 C16XE , X16XE BELT	1.4L DOHC 16V 4CYL - PETROL 2013-5/14 A14NET CHAIN VCT / TURBO	1.6L DOHC 16V 4CYL - PETROL 2006 - 11 F16D3 BELT	1.6L DOHC 16V 4CYL - PETROL 2011 - ON F16D4 BELT	1.4L DOHC 16V 4CYL - PETROL 2001 ON Z14XE BELT	1.4L DOHC 16V 4CYL - PETROL 2001 ON Z14XE BELT	1.4L DOHC 16V 4CYL - PETROL 2004 - ON Z14XE-P CHAIN
Nason / Optibelt Kits Part No	DWTK3	GMTK11	GMTK40	GMTK35	GMTK38	GMTK4 (A)	GMTK5 (A)	GMTK32
Timing Cover								
Water Pump	W3074 (A)	W3072	W6555	W7000	W3147	W3072 (B)	W3072 (B)	W3148
Fan Clutch								
EGR COOLER								
Drive Align Tensioner						38212N	38212N	
Timing Belt / Chain # 1 Size	T1041 / N 111T X 17	T1064 169T X 20		T335 127T X 25.4	T338 146T X 24	T1094 / N 162T X 20	T1094 / N 162T X 20	3SR130-1
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1	NBT365	NBT359 (-)		NBT986	NBT152	NBT354 (-)	NBT354 (-)	CT43
Tensioner 2								
Tensioner 3								
Guide / Idler # 1		NBT361		NBT006	NBT402	NBT361	NBT361	HCD8
Guide / Idler # 2		NBT362 (A)				NBT362 (A)	NBT366 (A)	HCD9
Guide / Idler # 3								HCD10
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T1041SK	T1064SK		T335SK	T1094SK/1XZ	T1094SK/1XZ	T1094SK/1XZ	
Camshaft Seal	NB699	NB699 x 2		NA582 x 2	NB699 x 2	NB699 x 2	NB699 x 2	
Timing Cover Seal	NB697 (A)	NB697		NA5002		NB697	NB697	OSS0391
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) WITHOUT SHIELD USE W3071

(A) PLASTIC IDLER. (B) SUITS TO ENG # 20U75998. FROM ENG # 20U75999 USE W3165.

(A) METAL IDLER. (B) SUITS TO ENG # 20U75998. FROM ENG # 20U75999 USE W3165.

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

GMH							
Model	CAMIRA - JB, JD, JE		CAMIRA - JB, JD, JE	CAPTIVA - CG	CAPTIVA - CG	CAPTIVA - CG	CAPTIVA - CG
Engine Size	1.6L - 1.8L SOHC 8V	2.0L SOHC 8V	2.0L SOHC 16V	2.2L DOHC 16V	2.4L DOHC 16V	2.4L DOHC 16V	3.0, 3.2L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL -T/ DIESEL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL
Year's	1982 ON	1982 ON	2007 - ON	2011 - ON	2011 - 16	2009 - 11	To 9/2007
Engine Code	FAMILY 11	FAMILY 11	Z20S1/ RA420	Z22D1	LE5 / LE9	Z24SED / LD9	LU ALLOYTEC
Drive Type	BELT	BELT	BELT	CHAIN	CHAIN	BELT	CHAIN
Chassis / Eng Info				2231cc	2384cc	2405cc	> CH 034029
Nason / Optibelt Kits Part No			GMTK39	GMTK42	GMTK29 (A) (B)	DWTK5	GMTK30
Timing Cover							
Water Pump	W2189	W2512	W6504		W3089	W4009	W5000
Fan Clutch							
EGR COOLER							
Drive Align Tensioner			39239				
Timing Belt / Chain # 1	T081 / N	T081 / N	T1626 / N	TC1013	NTC370	T305 / N	3SR92HD-1 x 2
Size	111T X 20	111T X 20	151T X 22			171T X 24	Roller Chain
Timing Belt / Chain # 2					NTC384		TC78
Size							Morse Chain
Hyd Tensioner							
Tensioner 1			NBT414	CT202	CT201	NBT364 (-)	CT36-OE
Tensioner 2					CT205		CT37-OE
Tensioner 3							CT40-OE
Guide / Idler # 1			NBT415	HCD14	HCD20	NBT360	HCD1
Guide / Idler # 2				HCD15	HCD21	NBT360	HCD2
Guide / Idler # 3					HCD22		HCD3
Guide / Idler # 4					HCD25		HCD4
Guide / Idler # 5					HCD26		HCD6
Guide / Idler # 6					HCD27		HCD11
Cam Gear							
Crank Gear					S849		HTG1 (24T)
Aux / Oil Pump Gear							HTG2 (RH) & HTG3 (LH)
Bal Shaft Gear							
Gskt / Seal Kit	T081SK	T081SK	T1626SK			T305SK	XTCS50
Camshaft Seal	NB699	NB699				NB699 x 2	
Timing Cover Seal	NB700	NB700		N466108	NK180	NB700	
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal	NB700	NB700					

NOTES

(A) Kit does not contain gasket only the seal. (B) Cannot Use Alt GMTKG29 kit with Gears.

GMH								
Model	CAPTIVA - CG	COLORADO RC	COLORADO RC	COLORADO RC	COLORADO RG	COLORADO RG	COMBO - SB	COMBO -XC
Engine Size	3.0, 3.2L DOHC 24V	2.4L SOHC 8V	3.0L DOHC 16V	3.6L DOHC 24V	2.5L DOHC 16V	2.8L DOHC 16V	1.4L SOHC 8V	1.4L DOHC 16V
Engine Type	V6 - PETROL	4CYL - PETROL	4CYL - DIESEL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL
Year's	10/ 2007 - ON	2008 - 09	2007 - 08	8/2006 - 11	2012 - 15	2012 - 15	1996 - 02	2004 - ON
Engine Code	LF, LU ALLOYTEC	Y24SE	4JJ1-TC	LY7 ALLOYTEC	LVN	LWH	C14SE, C14NZ	Z14XE-P
Drive Type	CHAIN	BELT	CHAIN	CHAIN	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	< CH 034030				CRD TURBO	CRD TURBO		
Nason / Optibelt Kits Part No	GMTK31	GMTK16	GMTKG42	GMTK31	JETK7	JETK7	DWTK3	GMTK32 (A)
Timing Cover								
Water Pump	W5000	W4009	W3023	W5000	W3877	W3877	W3074 (A)	W3148
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	TC1009-OE x 2	T1502 / N 148T X 20	3SR88HD	TC1009 x 2 Morse Chain	T1665 171T x 25	T1665 171T x 25	T1041 / N 111T X 17	3SR130-1
Timing Belt / Chain # 2 Size	TC1010-OE **			TC1010 Morse Chain				
Hyd Tensioner								
Tensioner 1	CT36-OE	NBT363 (-)	CT68	CT36-OE	NBT032-OE	NBT032-OE	NBT365	CT43
Tensioner 2	CT37-OE			CT37-OE				
Tensioner 3	CT40-OE **			CT40-OE				
Guide / Idler # 1	HCD1		HCD12 (RH)	HCD1				HCD8
Guide / Idler # 2	HCD3			HCD3				HCD9
Guide / Idler # 3	HCD4			HCD4				HCD10
Guide / Idler # 4	HCD5		HCD13 (LH)	HCD5				
Guide / Idler # 5	HCD6			HCD6				
Guide / Idler # 6	HCD7			HCD7				
Cam Gear								
Crank Gear	HTG4 (30T)			HTG4 (30T)				
Aux / Oil Pump Gear	HTG5 (RH) & HTG6 (LH)			HTG5 (RH) & HTG6 (LH)				
Bal Shaft Gear								
Gskt / Seal Kit	XTCS50 (B)	T1502SK		XTCS50			T1041SK	
Camshaft Seal		NB699					NB699	
Timing Cover Seal		NB700	OSS0015				NB697	OSS0391
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) WITHOUT SHIELD USE W3071

(A) Must be fitted as a kit.

- NOK SEAL AVAILABLE.

GMH									
Model	COMMODORE To VC	COMMODORE VH, VK	COMMODORE - VL	COMMODORE - VL	COMMODORE VN	COMMODORE VN, VP, VR	COMMODORE VR - VX	COMMODORE To VT	
Engine Size	149ci - 202ci	149ci - 202ci	3.0L SOHC 12V	**3.0L DOHC 24V **	3.8L OHV 12V	3.8L OHV 12V	3.8L OHV 12V	4.9L - 5.7L	
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V8 - PETROL	
Year's	To 1982	1982 - 86	1986 ON	1986 ON	1988 - 90	1991 - 95	1995 ON	1979 - ON	
Engine Code	RED, BLUE	BLACK	RB30E + T	RB30/ T	BUICK SERIES 1	BUICK SERIES 2	ECOTEC	HOLDEN	
Drive Type	GEAR	GEAR	BELT	BELT	CHAIN	CHAIN	CHAIN	CHAIN	
Chassis / Eng Info	WITH RB25/26 HEAD				> ENG # VH1426330		< ENG# VH1426331		
Nason / Optibelt Kits Part No	TGK1AL	TGK1AL	NTK12		JP5601 (A)	JP5603 (A)	GMTK10 / JP5619 (A)	CS6000	
Timing Cover					KC138VN	KC138VP / KC138VR	KC138VR / KC138VSY	KC253308B	
Water Pump	W726 (A)	W815 (A)	W898	W898	W4000A	W4000A	W4000A	W808 (B)	
Fan Clutch	NFC49	NFC49						NFC49	
EGR COOLER									
Drive Align Tensioner					38210N	38210N	38210N		
Timing Belt / Chain # 1	3SR60HD	3SR60HD	T175 / N (A)	T306 / N	TC375	TC381A	TC381A	3DR62	
Size			111T X 25.4	150T X 25					
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1			NBT215	NBT215	CT5158 (-)	CT5159 (-)	CT5160 (*)		
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	HG008	HG008	T175SK	T1592SK	TC30	TC30	TC30 < VR/ TC38 > VS ON	TC20	
Camshaft Seal			NJ765#	NJ765-NOK x 2					
Timing Cover Seal	LV425	LV425	NJ765#	NJ765-NOK	NB823	NB823	NB823	LV425	
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

NOTES

(A) = 100MM HIGH OR USE W814 FOR 110MM HEIGHT.

(A) = 125MM HIGH.

(A) Race Belt T175R

(A) = 3 Bolt Cam. Alt set with OEM type chain use KT3381SA

(A) = Single Bolt Cam. Alt set with OEM type chain use KT3381S

(A) For Supercharge kit use KT3381SA2

(B) USE W1000 FOR JUNBO BRG.

GMH									
Model	CRUZE - JH TURBO	CRUZE - CD TURBO	CRUZE - JG	CRUZE - YG	DROVER - QB	EPICA - EP TURBO	EPICA - EP	EPICA - FG	FRONTERA - UE
Engine Size	1.6L DOHC 16V	2.0L SOHC 16V	1.8L DOHC 16V	1.5L DOHC 16V	1.3L SOHC 8V	2.0L SOHC 16V	2.0L DOHC 24V	2.5L DOHC 24V	2.2L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	6CYL - PETROL	6CYL - PETROL	4CYL - PETROL
Year's	2013 - 16	2009 - ON	2009 - ON	2001 - 06	1985 - 87	2007 - ON	2007 - ON	2007 - ON	1999 - 04
Engine Code	A16LET	Z20S1	F18D4	M15A	G13A	Z20S1	X20D1	X25D1	X22SE
Drive Type	BELT	BELT	BELT	CHAIN	BELT	BELT	CHAIN	CHAIN	BELT
Chassis / Eng Info				VCT					
Nason / Optibelt Kits Part No	KT1405	GMTK39	GMTK38	SZTK19	SZTK1	GMTK39			DWTK5
Timing Cover									
Water Pump	W3147	W6504	W3147	W8211	W3012	W6504			W4009 (A)
Fan Clutch									
EGR COOLER									
Drive Align Tensioner		39139							
Timing Belt / Chain # 1		T1626 / N	T338	3SR162	T095 / N	T1626 / N			T305 / N
Size		151T X 22	146T X 24		89T X 19	151T X 22			171T X 24
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1		NBT414	NBT152	CT85	NBT884	NBT414			NBT364 (-)
Tensioner 2									
Tensioner 3									
Guide / Idler # 1		NBT415	NBT402	SCD1		NBT415			NBT360
Guide / Idler # 2				SCD2					NBT360
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit		T1626SK	T1094SK/1XZ		T095/243SK	T1626SK			T305SK
Camshaft Seal			NB699 x 2		NJ336#				NB699 x 2
Timing Cover Seal			NA5002	OSS0359	NJ337				NB700
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

GMH								
Model	RODEO RA07	RODEO RA03	RODEO RA03 RA07	RODEO - RA, R9	RODEO - RA, R9	RODEO - TFG1	RODEO - TFG1	RODEO - TF99
Engine Size	3.6L DOHC 24V	2.4L SOHC 8V	2.4L SOHC 8V	3.0L OHV 8V	3.0L OHV 8V	2.8L OHV 8V	2.8L OHV 8V	2.2L SOHC 8V
Engine Type	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL
Year's	8/2006 ON	2003 - 11/05	2005 - 08	1998 -07	2007 - 10/08	1988 - 2/93	3/93 - ON	1999 - 03
Engine Code	LY7 ALLOYTEC	C24SE	Y24SE	4JH1-TC	4JJ1-TC	4JB1	4JB1	C22NE
Drive Type	CHAIN	BELT	BELT	CHAIN	CHAIN	BELT / GEAR	BELT	BELT
Chassis / Eng Info				TURBO	CRD TURBO			
Nason / Optibelt Kits Part No	GMTK31	GMTK16	GMTK16		GMTKG42	GMTK25 (A)	GMTK26	GMTK16
Timing Cover								
Water Pump	W5000	W3176	W3176	W6105	W3023	W1100 (B)	W1100 (B)	W3176
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	TC1009-OE x 2	T1502 / N	T1502 / N		3SR88HD	T844 (A)	T966	T1502 / N
Size	Morse Chain	148T X 20	148T X 20			119T X 32 SQ	119T X 32 RD	148T X 20
Timing Belt / Chain # 2	TC1010-OE							
Size	Morse Chain							
Hyd Tensioner								
Tensioner 1	CT36-OE	NBT363 (-)	NBT363 (-)		CT68	NBT320 (A)	NBT320	NBT363 (-)
Tensioner 2	CT37-OE							
Tensioner 3	CT40-OE							
Guide / Idler # 1	HCD1				HCD12 (RH)	NBT321 (A)	NBT321	
Guide / Idler # 2	HCD3							
Guide / Idler # 3	HCD4							
Guide / Idler # 4	HCD5				HCD13 (LH)			
Guide / Idler # 5	HCD6							
Guide / Idler # 6	HCD7							
Cam Gear								
Crank Gear	HTG4 (30T)						ITG5	
Aux / Oil Pump Gear	HTG5 (RH) & HTG6 (LH)						ITG6	
Bal Shaft Gear								
Gskt / Seal Kit	XTCS50	T1502SK	T1502SK			T844/966SK	T844/966SK	T1502SK
Camshaft Seal		NB699	NB699					NB699
Timing Cover Seal		NB700	NB700	OSS0015	OSS0015		NJ014 #	NB700
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(-) 22MM WIDE BRG (-) 22MM WIDE BRG

(A) FOR GEAR DRIVE
MODELS USE ITK1. (B)
SOME MODELS USE
W6105 WITH 4 BOLT
HOLE HUB.

(B) SOME MODELS USE (-) 22MM WIDE BRG
W6105 WITH 4 BOLT
HOLE HUB.

- NOK SEAL AVAILABLE.

GMH									
Model	SHUTTLE - WRF	SHUTTLE - WRF	SHUTTLE - WRF	TIGRA	TRAX TJ	TRAX TJ	VECTRA - JR	VECTRA - JR	VECTRA - JS
Engine Size Engine Type Year's Engine Code Drive Type Chassis / Eng Info	1.8L SOHC 8V 4CYL - PETROL 1982 - 91 4ZB1 BELT	2.0L SOHC 8V 4CYL - PETROL 1982 - 91 4ZC1 BELT	2.0L SOHC 8V 4CYL - DIESEL 1982 - 90 4FC1 BELT	1.8L DOHC 16V 4CYL - PETROL 2005 - 07 Z18XE BELT	1.4L DOHC 16V 4CYL - PETROL 2011 - 13 A14NET CHAIN VCT / TURBO	1.8L DOHC 16V 4CYL - PETROL 2013 - 16 F18D4 BELT	2.0L DOHC 16V 4CYL - PETROL 1997 - 98 C20SEL BELT	2.5L DOHC 24V V6 - PETROL 1995 - 97 X25XE BELT > ENG # 08300418	2.0L DOHC 16V 4CYL - PETROL 1998 - 99 C20SEL BELT
Nason / Optibelt Kits Part No	GMTK12	GMTK12	GMTK27	GMTK5 (A)	GMTK40	GMTK38	DWTK6	GMTK21	DWTK6
Timing Cover									
Water Pump	W5023	W3048	W3048	W7050	W6555	W3147	W4009 (A)	W7022	W4009 (A)
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1 Size	T121 111T X 19	T121 111T X 19	T847 137T X 30	T1094 / N 162T X 20		T338 146T X 24	T309 / N 169T X 24	T285 225T X 30	T309 / N 169T X 24
Timing Belt / Chain # 2 Size									
Hyd Tensioner Tensioner 1	NBT314	NBT314	NBT318	NBT354 (-)		NBT152	NBT364 (-)	NBT529 (G)	NBT364 (-)
Tensioner 2									
Tensioner 3									
Guide / Idler # 1			NBT319	NBT361		NBT402	NBT360	NBT358	NBT360
Guide / Idler # 2				NBT366 (A)			NBT360		
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T121SK	T121SK		T1094SK/1XZ		T1094SK/1XZ	T1094SK/1XZ	T285SK	T1094SK/1XZ
Camshaft Seal	NJ454#	NJ454#		NB699 x 2		NB699 x 2	NB699 x 2	NB699 x 4	NB699 x 2
Timing Cover Seal	NJ323#	NJ323#	NJ323#			NA5002	NB700	NJ347#	NB700
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal	NJ144	NJ144							
NOTES	(-) 22MM WIDE BRG						(A) WITH WELSHPLUG. WITHOUT WELSHPLUG USE W7031. (-) 26MM WIDE BRG	(G) COMPLETE WITH BACKING PLATE.	(A) WITH WELSHPLUG. WITHOUT WELSHPLUG USE W7031. (-) 26MM WIDE BRG

- NOK SEAL AVAILABLE.

GMH	
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Nason / Optibelt Kits Part No	DWTK5	GMTK22	GMTK21	GMTK22	GMTK29 (A) (B)	GMTK22	GMTK5 (A)	GMTK29 (A) (B)
Timing Cover								
Water Pump	W4009 (A)	W7022	W7022	W7022	W3089	W7022	W3175	W3089
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T305 / N	T285	T285	T285	NTC370	T285	T1094 / N	NTC370
Size	171T X 24	225T X 30	225T X 30	225T X 30		225T X 30	162T X 20	
Timing Belt / Chain # 2					NTC384			NTC384
Size								
Hyd Tensioner								
Tensioner 1	NBT364 (-)		NBT529 (G)		CT201		NBT354 (-)	CT201
Tensioner 2					CT205			CT205
Tensioner 3								
Guide / Idler # 1	NBT360	NBT358	NBT358	NBT358	HCD21	NBT358	NBT361	HCD20
Guide / Idler # 2							NBT366 (A)	HCD21
Guide / Idler # 3					HCD22			HCD22
Guide / Idler # 4					HCD25			HCD25
Guide / Idler # 5					HCD26			HCD26
Guide / Idler # 6					HCD27			HCD27
Cam Gear								S850 (Inlet)
Crank Gear					S849			S849
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T305SK	T285SK	T285SK	T285SK		T285SK	T1094SK/1XZ	
Camshaft Seal	NB699 x 2	NB699 x 4	NB699 x 4	NB699 x 4		NB699 x 4	NB699 x 2	
Timing Cover Seal	NB700	NJ347#	NJ347#	NJ347#	NK180	NJ347#	NA5002	NK180
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

- NOK SEAL AVAILABLE.

HONDA								
Model	ACCORD	ACCORD - AD	ACCORD - CB7, CB9	ACCORD - CD5, CE1, CG5	ACCORD - CG, CK	ACCORD - CM5	ACCORD - CL1	ACCORD - CL9 EURO
Engine Size	2.0L SOHC 12V	1.8L SOHC 12V	2.2L SOHC 16V	2.2L, 2.3L SOHC 16V	3.0L SOHC 24V	3.0L SOHC 24V	2.2L DOHC 16V	2.4L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1986 - 89	1983 - 85	1989 - 97	1989 - 03	1997 - 03	9/03 - ON	2000 - 9/02	2003 - 5/08
Engine Code	A20A, A20A4	ES, ET, BELT	F22A5-A9, F22B3	F22BI, F23A1, F23Z2	J30A1	J30A4	H22A	K24A3
Drive Type	BELT	BELT	BELT	BELT VTEC	BELT	BELT	BELT	CHAIN
Chassis / Eng Info								AUTO/MAN
Nason / Optibelt Kits Part No	HNTK29	HNTK14	HNTK19	HNTK18	HNTK23 / HT	HNTK35		HNTK34
Timing Cover								
Water Pump	W2007	W818	W3016	W3016	W7037	W8159	W4014	W8163 (A)
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T144	T160	T187	T244 / N	T286 / ZRK1446	T329		TC711
Size	107T X 24	108T X 24	113T X 24	112T X 24	197T X 26	197T X 20		*176L
Timing Belt / Chain # 2			T186 / N	T186 / N				
Size			70T X 16	70T X 16				*62L
Hyd Tensioner					NBTH1004	NBTH1003		
Tensioner 1	NBT776	NBT776	NBT703	NBT703	NBT727	NBT728		NBT708
Tensioner 2								
Tensioner 3								
Guide / Idler # 1			NBT704	NBT704	NBT724	NBT726		
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T144/160SK	T144/160SK	T187SK	T244SK	T286/329SK	T286/329SK		
Camshaft Seal	NJ313	NJ313	NB697	NJ134				
Timing Cover Seal	NJ311	NJ311	NA5086	NK202				
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES
(A) Has inlet for oil cooler pipe.

- NOK SEAL AVAILABLE.

HONDA

Model	CIVIC AK, AH	CIVIC - ED, EF	CIVIC - EG	CIVIC - EG3	CIVIC - EG, EH	CIVIC - EG EH	CIVIC - EK	CIVIC - EJ, EK
Engine Size	1.5L SOHC 12V	1.5L SOHC 16V	1.5L SOHC 16V	1.3 L SOHC 16V	1.6L DOHC 16V	1.6L SOHC 16V	1.6L SOHC 16V	1.6L SOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1984 - 87	1987 - 95	1993 - 95	1991 ON	1991 - 94	1994 - 95	1993 - 95	1995 - 00
Engine Code	EW2	D15B4, D15B7	D15Z1-Z2 VTEC	D13B2	D16A8	D16Y1 & 5 VTEC	D16Y4	D16Y5/7/8 VTEC
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info								

Nason / Optibelt Kits Part No	HNTK30	HNTK11	HNTK28	HNTK11	HNTK7	HNTK6	HNTK4 (A)	HNTK6
Timing Cover								
Water Pump	W1120	W1130 (A)	W3062 (B)	W1130	W1130 (A)	W4011	W4011	W4011
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T161	T143 / N	T223	T143 / N	T227	T224	T145	T224
Size	101T X 24	106T X 24	103T X 24	106T X 24	124T X 26	104T X 24	107T X 24	104T X 24
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1	NBT778	NBT770	NBT733 (A)	NBT770	NBT734	NBT733 (A)	NBT770	NBT733 (A)
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T161SK	T143SK	T223SK	T143SK	T227SK	T224SK	T145SK	T224SK
Camshaft Seal	NJ313	NJ313	NJ313	NJ313	NJ254 #	NJ313	NJ313	NJ313
Timing Cover Seal	NJ381	NJ381	NJ381	NJ381	NJ381	NJ381		NJ381
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES	(A) 110.5 HOUSING WIDTH.	(A) Has a kink in the arm. (B) 118.5MM HOUSING WIDTH.	(A) 110.5 HOUSING WIDTH.	(A) Has a kink in the arm.	(A) Some models use a HNTK6 components.	(A) Has a kink in the arm.
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- NOK SEAL AVAILABLE.

HONDA

Model	CIVIC - EK , Vti-R	CIVIC - EP3	CIVIC - EU, ES	CIVIC - FD2, FN2	CIVIC - FB / FK	CIVIC - FD2, FN2 Sport, Type R	CIVIC - ES, FD HYBRID	CIVIC - FN2 TYPE - R
Engine Size	1.6L DOHC 16V	2.0L DOHC 16V	1.7 L SOHC 16V	1.8L SOHC 16V	1.8L SOHC 16V	2.0L DOHC 16V	1.3L SOHC 8V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1996 - 99	2001 - 05	2000 - 06	2006 - 14	20012 - 16	2006 - 07	2004 - ON	2007 - 14
Engine Code	B16A2 VTEC	K20A	D17Z1, D17A2	R18A1, A2	R18Z1	K20Z2	LDA1/ 2	K20Z4
Drive Type	BELT	CHAIN	BELT	CHAIN	CHAIN	CHAIN	BELT	CHAIN
Chassis / Eng Info								

Nason / Optibelt Kits Part No	HNTK7		HNTK12				HNTK36	
Timing Cover								
Water Pump	W4012		W8161	W8167	W8170	W8163 (A)		W8163 (A)
Fan Clutch								
EGR COOLER								
Drive Align Tensioner				39077				
Timing Belt / Chain # 1	T227		T312 / N					
Size	124T X 26		104T X 22					
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1	NBT734		NBT735					
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T227SK		T312SK					
Camshaft Seal	NJ254 #		NJ313					
Timing Cover Seal	NJ381							
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) Has inlet for oil cooler pipe.

(A) Has inlet for oil cooler pipe.

- NOK SEAL AVAILABLE.

HONDA								
Model	CONCERTO - MA-2	CONCERTO - MA-2	CR-V	CR-V - RD7	CR-V - RE4	CR-V - RM1	CR-V - RM4	CRX - ED9
Engine Size	1.6L SOHC 16V	1.6L SOHC 16V	2.0L DOHC 16V	2.4L DOHC 16V	2.4L DOHC 16V	2.0L DOHC 16V	2.4L DOHC 16V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1988 - 91	1991 - 93	1997 - 01	2001 - 1/07	2007 - 10/12	2012 - 16	2012 - 15	1987 - 92
Engine Code	D16Z1	D16Z2	B20B3, B20B8	K24A1	K24Z1	R20A5	K24Z9	D16A8
Drive Type	BELT	BELT	BELT	CHAIN	CHAIN	CHAIN	CHAIN	BELT
Chassis / Eng Info								
Nason / Optibelt Kits Part No	HNTK4	HNTK9	HNTK13	HNTK34	HNTK34			HNTK9
Timing Cover								
Water Pump	W1130	W1130	W4054	W8165	W8169	W8170	W8170	W1130
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T145	T142	T184	TC711	TC711			T142
Size	107T X 24	124T X 24	125T X 26	*176L	*176L			124T X 24
Timing Belt / Chain # 2								
Size				*62L	*62L			
Hyd Tensioner								
Tensioner 1	NBT770	NBT770	NBT734	NBT708	NBT708			NBT701
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T145SK	T142SK	T184SK					T142SK
Camshaft Seal	NJ313	NJ254 #	NJ254 x 2					NJ254 #
Timing Cover Seal	NJ381	NJ381	NJ719 -NOK / NJ982					NJ381
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

HONDA

Model	CRX - EG2	HR-V - GH	INSIGHT HYBRID	INTEGRA - DA3	INTEGRA - DC2 TYPE - R	INTEGRA - DC4	INTEGRA - DC5 TYPE - R	INTEGRA - DC5
Engine Size	1.6L DOHC 16V	1.6L SOHC 16V	1.3L SOHC 8V	1.6L DOHC 16V	1.8L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1992 - 98	1999 - 02	2011 - ON	1986 - 89	1993 - 01	1989 - 01	2001 - 04	2001 - 06
Engine Code	B16A	D16W1	LDA3	D16A3	B18C2/7 VTEC	B18A1/B1/B2	K20A2	K20A3
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	CHAIN	CHAIN
Chassis / Eng Info								

Nason / Optibelt Kits Part No	HNTK7	HNTK6	HNTK36	HNTK8	HNTK10	HNTK13		HNTK32
Timing Cover								
Water Pump	W4012	W4011	W8983	W3017	W4012	W3018	W8165	W8165
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T227	T224		T130	T247	T184		TC711
Size	124T X 26	104T X 24		129T X 24	126T X 24	125T X 26		*176L
Timing Belt / Chain # 2								
Size								*62L
Hyd Tensioner								
Tensioner 1	NBT734	NBT733 (A)		NBT770	NBT734	NBT734		
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T227SK	T224SK		T130SK	T130SK	T184SK		
Camshaft Seal		NJ313		NJ254 #	NJ254 #	NJ254 x 2		
Timing Cover Seal		NJ381		NJ381	NJ381	NJ719 -NOK / NJ982		
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) Has a kink in the arm.

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

HONDA								
Model	ODYSSEY - RB1	ODYSSEY - RB3	ODYSSEY - RC1	PRELUDE	PRELUDE - AB	PRELUDE BA	PRELUDE - BA8	PRELUDE - BB1 Vti-R
Engine Size	2.4L DOHC 16V	2.4L DOHC 16V	2.4L DOHC 16V	2.0L DOHC 16V	1.8L SOHC 12V	2.0L SOHC 12V	2.2L SOHC 16V	2.2L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2004 - 09	2009 - 14	2014 - ON	1987 - 91	1983 - 85	1986 - 87	1992 - 97	1994 - 97
Engine Code	K24A6	K24Z2	K24W	B20A, B20A6	ES, ET	A20A	F22A1	H22A1 VTEC
Drive Type	CHAIN	CHAIN	CHAIN	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	2159CC							
Nason / Optibelt Kits Part No	HNTK34	HNTK34		HNTK16	HNTK14	HNTK15	HNTK19	HNTK20 / HT
Timing Cover								
Water Pump	W8165	W8169		W3019	W818	W2007	W3016	W4014
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	TC711	TC711		T142	T160	T144	T187	T226 / N
Size	*176L	*176L		124T X 24	108T X 24	107T X 24	113T x 24	155T X 24
Timing Belt / Chain # 2							T186 / N	T186 / N
Size							70T X 16	70T X 16
Hyd Tensioner								NBTH006
Tensioner 1				NBT731	NBT776	NBT731	NBT703	NBT760
Tensioner 2								
Tensioner 3								
Guide / Idler # 1							NBT704	NBT706
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit				T142SK	T144/160SK	T144/160SK	T187SK	T226SK
Camshaft Seal				NJ254 # x 2	NJ313	NJ313		NJ313
Timing Cover Seal				NJ982	NJ311	NJ311		
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

HYUNDAI																								
Model	ELANTRA - HD, XD			ELANTRA - HD, XD HVT			ELANTRA - MD			EXCEL - X1			EXCEL - X2			EXCEL - X3			EXCEL - X3			GETZ - TB		
Engine Size	2.0L	DOHC	16V	2.0L	DOHC	16V	1.8L	DOHC	16V	1.5L	SOHC	8V	1.5L	SOHC	8V	1.5L	SOHC	12V	1.5L	DOHC	16V	1.3 L	SOHC	12V
Engine Type	4CYL - PETROL			4CYL - PETROL			4CYL - PETROL			4CYL - PETROL			4CYL - PETROL			4CYL - PETROL			4CYL - PETROL			4CYL - PETROL		
Year's	2000 - 9/03			10/2003 - ON			2011 - 14			1986 - 90			1990 - 94			1994 - 98			1998 - 00			2005 - 09		
Engine Code	G4GC			G4GC			G4NB			G4AJ			G4DJ			G4EK			G4FK			G4EA		
Drive Type	BELT			BELT			CHAIN			BELT			BELT			BELT			BELT			BELT		
Chassis / Eng Info				With CVVT			With VVT																	
Nason / Optibelt Kits Part No	HYTK15			HYTK19			HYTK23			MBTK19			HYTK8			HYTK2			HYTK1			HYTK9		
Timing Cover																								
Water Pump	W8171			W8171			W3357			W877			W877			W877			W4019			W877		
Fan Clutch																								
EGR COOLER																								
Drive Align Tensioner																								
Timing Belt / Chain # 1	T284 / N			T284 / N			NTC12			T073			T128 / N			T191 / N			T282 / N			T1327		
Size	113T X 25.4			113T X 25.4			176 Morse Link			92T X 19 SQ			92T X 19 RD			92T X 22			105T X 22			110T X 22		
Timing Belt / Chain # 2	NTC2			NTC4															NTC1					
Size	46L - Roller			50L - Roller															46L - Roller					
Hyd Tensioner																								
Tensioner 1	NBT973			NBT100			CT81			NBT619			NBT619			NBT635			NBT635			NBT635		
Tensioner 2				CT52																				
Tensioner 3																								
Guide / Idler # 1	NBT974			NBT974			HYCD13												NBT967					
Guide / Idler # 2	HYCD1						HYCD14												HYCD1					
Guide / Idler # 3																								
Guide / Idler # 4																								
Guide / Idler # 5																								
Guide / Idler # 6																								
Cam Gear																								
Crank Gear																								
Aux / Oil Pump Gear																								
Bal Shaft Gear																								
Gskt / Seal Kit	T284SK			T284SK						T073SK			T128/191SK			T128/191SK			T282SK			T1327SK		
Camshaft Seal	NJ242 #			NJ242 #						NJ242 #			NJ242 #			NJ242 # x 2			NJ242 #			NJ242 #		
Timing Cover Seal	OSS0038			OSS0038						NJ252 #			NJ252 #			NB699			NB699			NB699		
Aux / Balance Shaft Seal																								
Oil Pump Shaft Seal																								

NOTES

- NOK SEAL AVAILABLE.

HYUNDAI									
Model	GETZ - TB		GETZ - TB	GETZ - TB	GRANDEUR	GRANDEUR - TG	GRANDEUR - TG	H1 - TQ	i20 - PB
Engine Size Engine Type Year's Engine Code Drive Type Chassis / Eng Info	1.4L DOHC 16V	1.5L DOHC 16V	1.6L DOHC 16V	3.0L DOHC 24V	2.2L SOHC 16V	3.8L DOHC 24V	2.5L DOHC 16V	1.4L DOHC 16V	
	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - PETROL	
	2003 - 05	2003 - 05	2005 - ON	1998 - 04	2008 - ON	2006 - ON	2007 - ON	2010 - 15	
	G4EE	G4EC	G4ED	G6CT	D4EB	G6DA	D4CB	G4FA	
						CHAIN	CHAIN	CHAIN	
						With CVVT		TURBO	
Nason / Optibelt Kits Part No	HYTK1	HYTK1	HYTK1	HYTK4 / HT	HYTK11	HYTK20	HYTK18	HYTK26	
Timing Cover									
Water Pump	W4019	W4019	W4019	W4105	W4023	W3117	W6421	W3351	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1	T282 / N	T282 / N	T282 / N	T1024	T1364	NTC8 x 2			
Size	105T X 22	105T X 22	105T X 22	251T X 32	123T X 28	178 Morse Link		MORSE CHAIN	
Timing Belt / Chain # 2	NTC1	NTC1	NTC1			NTC9			
Size	46L - Roller	46L - Roller	46L - Roller			36 Link			
Hyd Tensioner				NBTH003-OE					
Tensioner 1	NBT635	NBT635	NBT635	NBT612	NBT024	CT78 x 2	CT82-OE	CT77	
Tensioner 2						CT79	CT83-OE		
Tensioner 3							CT84-OE		
Guide / Idler # 1	NBT967	NBT967	NBT967	NBT670	NBT025	HYCD4 x 2			
Guide / Idler # 2	HYCD1	HYCD1	HYCD1			HYCD5 x 2			
Guide / Idler # 3						HYCD6 x 2			
Guide / Idler # 4						HYCD7			
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T282SK	T282SK	T282SK	T1024SK					
Camshaft Seal	NJ242 #	NJ242 #	NJ242 #	NA5002					
Timing Cover Seal	NB699	NB699	NB699	NJ874#					
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

NOTES

- NOK SEAL AVAILABLE.

HYUNDAI								
Model	i20 - PB	i30 - FD	i30 - GD	i30 - FD	i30 - GD	i30 - GD	i30 - GD	i30 - FD
Engine Size	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2011 - 12	2007 - 4/12	5/2012 - ON	2011 - 12	2013 - 15	2012 - 14	2013 - 15	2007 - ON
Engine Code	G4FC	D4FB	D4FB	G4FC	G4FD	G4NB	G4NC	G4GC
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT
Chassis / Eng Info	TURBO		TURBO	With VVT				With CVVT
Nason / Optibelt Kits Part No	HYTK22	HYTK13	HYTK13	HYTK22	HYTK22	HYTK23	HYTK24	HYTK19
Timing Cover								
Water Pump	W4025	W4028 (A)	W3355 (A)	W4025	W3351	W3357	W3357	W8171
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	NTC5			NTC5	NTC5	NTC12	NTC13	T284 / N
Size	124L - Roller			124L - Roller	124L - Roller	176 Morse Link	??L - Roller	113T X 25.4
Timing Belt / Chain # 2							NTC14	NTC4
Size							??L - Roller	50 Link
Hyd Tensioner								
Tensioner 1	CT77			CT77	CT77	CT81	CT86	NBT100
Tensioner 2							CT87	CT52
Tensioner 3								
Guide / Idler # 1	HYCD2			HYCD2	HYCD2	HYCD13	HYCD15	NBT974
Guide / Idler # 2	HYCD3			HYCD3	HYCD3	HYCD14	HYCD16	
Guide / Idler # 3							HYCD17	
Guide / Idler # 4							HYCD18	
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear							HYTG1	
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								T284SK
Camshaft Seal								NJ242 #
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES
(A) 77mm Dia Triangle hub. From 2008 use W3355 with 65mm Dia Triangle Hub.
(A) 65mm Dia Triangle Hub.

- NOK SEAL AVAILABLE.

HYUNDAI										
Model	i40 - VF		i40 - VF	i45 - YF THETA 11	i45 - YF THETA 11	iX35 - LM	iX35 - LM THETA 11	iX35 - LM THETA 11	iX35 - LM THETA 11	iX35 - LM
Engine Size	1.7L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.4L DOHC 16V	2.0IL DOHC 16V	2.0L DOHC 16V	2.4L DOHC 16V	2.4L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2011 - 15	2011 - 15	2010 - 1/13	2010 - 1/13	2010 - 1/13	2010 - 15	2010 - 9/13	2/2010 - 9/13	2013 - ON	2013 - 15
Engine Code	D4FD	G4NC	G4KD	G4KJ	G4KJ	D4HA	G4KD	G4KG	G4KJ	G4NC
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN			CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO		Inlet VVT	Inl + Ex VVT	CRD TURBO		Inlet VVT	Inl + Ex VVT	Inl + Ex VVT	
Nason / Optibelt Kits Part No	HYTK13	HYTK24	HYTK25	HYTK21	HYTK11	HYTK25	HYTK21	HYTK21	HYTK21	HYTK24
Timing Cover										
Water Pump	W3355	W3357	W3352AH	W6038 / AH	W3353AH	W3352AH	W3359	W6038 / AH	W3357	
Fan Clutch										
EGR COOLER										
Drive Align Tensioner										
Timing Belt / Chain # 1		NTC13	NTC10	NTC10	T1364	NTC10	NTC10	NTC10	NTC10	NTC13
Size		??L - Roller	180 Morse Link	180 Morse Link	123T X 28	180 Morse Link	180 Morse Link	180 Morse Link	180 Morse Link	??L - Roller
Timing Belt / Chain # 2		NTC14	NTC15	NTC11		NTC15	NTC11	NTC11	NTC11	NTC14
Size		??L - Roller	38 Morse Link	37 Morse Link		38 Morse Link	37 Morse Link	37 Morse Link	37 Morse Link	??L - Roller
Hyd Tensioner										
Tensioner 1		CT86	CT77	CT77	NBT024	CT77	CT77	CT77	CT77	CT86
Tensioner 2		CT87	CT89	CT80		CT89	CT80	CT80	CT80	CT87
Tensioner 3										
Guide / Idler # 1		HYCD15	HYCD8	HYCD8	NBT025	HYCD8	HYCD8	HYCD8	HYCD8	HYCD15
Guide / Idler # 2		HYCD16	HYCD12	HYCD12		HYCD12	HYCD12	HYCD12	HYCD12	HYCD16
Guide / Idler # 3		HYCD17	HYCD10	HYCD10		HYCD10	HYCD10	HYCD10	HYCD10	HYCD17
Guide / Idler # 4		HYCD18	HYCD19	HYCD11		HYCD19	HYCD11	HYCD11	HYCD11	HYCD18
Guide / Idler # 5										
Guide / Idler # 6										
Cam Gear										
Crank Gear		HYTG1								HYTG1
Aux / Oil Pump Gear										
Bal Shaft Gear										
Gskt / Seal Kit			T21SK	T21SK		T21SK	T21SK	T21SK	T21SK	
Camshaft Seal										
Timing Cover Seal										
Aux / Balance Shaft Seal										
Oil Pump Shaft Seal										

NOTES

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

HYUNDAI								
Model	S COUPE	S COUPE	SANTA FE	SANTA FE CM, DM	SANTA FE	SANTA FE - SM	SANTA FE - CM THETA 11	SANTA FE - CM
Engine Size	1.5L SOHC 8V / 12V	1.5L SOHC 12V	2.2L SOHC 16V	2.2L SOHC 16V	2.4L DOHC 16V	2.7L DOHC 24V	2.4L DOHC 16V	2.7L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	V6 - PETROL
Year's	1992 - 6/93	7/93 - 95	2006 - 10	2010 - 15	2001 ON	2000 - 09	11/2009 - 15	2006 - ON
Engine Code	G4EK/T	G4EK /T	D4EB6	D4HB	G4JS	G6BA	G4KE	G6EA5
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	CHAIN	BELT
Chassis / Eng Info			TURBO				Inl + Ex VVT	
Nason / Optibelt Kits Part No	HYTK8	HYTK2			HYTK16 / HT	HYTK17 / HT	HYTK21	KITK5 / HT
Timing Cover								
Water Pump	W4019 /A	W4019 /A	W4023	W3353AH	W7002	W3121	W3352AH	W3052
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T128 / N	T191	T1364	T1364	T313 / N	T315	NTC10	T337
Size	92T X 19 RD	92T X 22	123T X 28	123T X 28	175T X 29	207T X 32	180 Morse Link	219T X 32
Timing Belt / Chain # 2					T314 / N		NTC11	
Size					65T X 12.7		37 Morse Link	
Hyd Tensioner					NBTH1090-OE	NBTH002-OE		NBTH 1102-OE
Tensioner 1	NBT619	NBT635	NBT024	NBT024	NBT625 (A)	NBT015	CT77	NBT474
Tensioner 2							CT80	
Tensioner 3								
Guide / Idler # 1			NBT025	NBT025	NBT629 (B)	NBT670	HYCD8	NBT670
Guide / Idler # 2					NBT654		HYCD12	
Guide / Idler # 3							HYCD10	
Guide / Idler # 4							HYCD11	
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T128/191SK	T128/191SK			T313/1038SK	T315SK	T21SK	T337SK
Camshaft Seal	NJ242 # (A)	NJ242 #			NJ242 # x 2	NA5002 x 4		NA5002 x 2
Timing Cover Seal	NJ252 #	NB699			NJ005	NJ874#		NJ874
Aux / Balance Shaft Seal					NJ655#			
Oil Pump Shaft Seal					NJ610#			

NOTES

(A) SOME MODELS USE A
NB699 35 x 48 x 7

(A) 33.6MM WIDTH
BRG.
(B) 55MM DIA BRG

- NOK SEAL AVAILABLE.

HYUNDAI

Model	SANTA FE - CM	SANTA FE - CM	SANTA FE - DM THETA 11	SONATA	SONATA	SONATA	SONATA - EF	SONATA - EF
Engine Size	3.3L DOHC 24V	3.5L DOHC 24V	2.4L DOHC 16V	2.0L DOHC 16V	2.4L SOHC 16V	3.0L SOHC 12V	2.0L DOHC 16V	2.4L DOHC 16V
Engine Type	V6 - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2005 - ON	2010 - 8/12	9/2012 - ON	1993 - 98	1989 - 92	1990 - 98	1998 - 01	2001 - 05
Engine Code	G6DB7	G6DC	G4KJ	G4CP	G4CS	G6AT	G4JP	G4JS
Drive Type	CHAIN	CHAIN	CHAIN	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info			Inl + Ex VVT					
Nason / Optibelt Kits Part No	HYTK20	HYTK20	HYTK21	MBTK15 / HT	MBTK37	MBTK41	HYTK5 / HT	HYTK16 / HT
Timing Cover								
Water Pump	W3117	W3356	W6038 / AH	W3060	W1027	W2040	W7002	W7002
Fan Clutch						NFC16		
EGR COOLER								
Drive Align Tensioner						39245		
Timing Belt / Chain # 1	NTC8 x 2	NTC8 x 2	NTC10	T167 / N	T124 / N	T139 / N	T1038 / N	T313/N
Size	178 Morse Link	178 Morse Link	180 Morse Link	153T X 29	123T X19	149T X 25.4	173T X 29	175T X 29
Timing Belt / Chain # 2	NTC9	NTC9	NTC11	T168 / N	T159		T314	T314/N
Size	36 Link	36 Link	37 Morse Link	65T X 12.7	55T X 12.7		65T X 12.7	65T X 12.7
Hyd Tensioner				NBTH1075-OE			NBTH1090-OE	NBTH1090-OE
Tensioner 1	CT78 x 2	CT78 x 2	CT77	NBT624 (A)	NBT604 (A)	NBT610	NBT625 (A)	NBT625 (A)
Tensioner 2	CT79	CT79	CT80					
Tensioner 3								
Guide / Idler # 1	HYCD4 x 2	HYCD4 x 2	HYCD8	NBT 654	NBT669 (B)		NBT654	NBT654
Guide / Idler # 2	HYCD5 x 2	HYCD5 x 2	HYCD12	NBT606 (B)			NBT629 (B)	NBT629 (B)
Guide / Idler # 3	HYCD6 x 2	HYCD6 x 2	HYCD10					
Guide / Idler # 4	HYCD7	HYCD7	HYCD11					
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit			T21SK	T167SK	T124SK	T139/287SK	T313/1038SK	T313/1038SK
Camshaft Seal				NJ242 # x 2	NJ242 # x 2	NJ242 # x 2	NJ242 # x 2	NJ242 # x 2
Timing Cover Seal	N42627	N42627		NJ005	NJ005	NJ874#	NJ005	NJ005
Aux / Balance Shaft Seal				NJ610#	NJ655#		NJ655#	NJ655#
Oil Pump Shaft Seal				NJ655#	NJ610#		NJ610#	NJ610#

NOTES	(A) 33.6MM WIDTH BRG	(A) 26MM WIDTH BRG.	(A) 33.6MM WIDTH BRG	(A) 33.6MM WIDTH
	(B) 55MM DIA BRG	(B) 60MM DIA BRG	(B) 55MM DIA BRG	BRG. (B) 55MM DIA BRG

- NOK SEAL AVAILABLE.

HYUNDAI									
Model	SONATA - EF		SONATA - EF	SONATA - NF	SONATA - NF THETA 1	SONATA - NF THETA 11	SONATA - NF	TERRACAN	TERRACAN
Engine Size	2.5L DOHC 24V	2.7L DOHC 24V	2.0L SOHC 16V	2.4L SOHC 8V	2.4L SOHC 8V	3.4L DOHC 24V	2.9L DOHC 16V	3.5L DOHC 24V	
Engine Type	V6 - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - DIESEL	V6 - PETROL	
Year's	1998 - 01	2001 - 4/06	2008 - ON	2005 - 5/08	6/2008 - 4/10	2005 - ON	2004 - 07	2001 ON	
Engine Code	G6BV	G6BA	D4EA	G4KC	G4KE	G6DB	J3	G6CU	
Drive Type	BELT	BELT	BELT	CHAIN	CHAIN	CHAIN	BELT	BELT	
Chassis / Eng Info			TURBO	Inlet VVT	Inl + Ex VVT				
Nason / Optibelt Kits Part No	HYTK17 / HT	HYTK17 / HT	HYTK11	HYTK25	HYTK21	HYTK20	KITK6	HYTK6 / HT	
Timing Cover									
Water Pump	W3121	W3121	W4023	W3352AH	W3352AH	W3117	W8352	W8176 / AH (A)	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1	T315	T315	ZRK1454 / T1364	NTC10	NTC10	NTC8 x 2	T1568 / N	T1048	
Size	207T X 32	207T X 32	123T X 28	180 Morse Link	180 Morse Link	178 Morse Link	152T X 29	259T X 32	
Timing Belt / Chain # 2				NTC15	NTC11	NTC9			
Size				38 Morse Link	37 Morse Link	36 Link			
Hyd Tensioner	NBTH002-OE	NBTH002-OE						NBTH003-OE	
Tensioner 1	NBT015	NBT015	NBT024	CT77	CT77	CT78 x 2		NBT612	
Tensioner 2				CT89	CT80	CT79			
Tensioner 3									
Guide / Idler # 1	NBT670	NBT670	NBT025	HYCD8	HYCD8	HYCD4 x 2	NBT476A	NBT613	
Guide / Idler # 2				HYCD12	HYCD12	HYCD5 x 2			
Guide / Idler # 3				HYCD10	HYCD10	HYCD6 x 2			
Guide / Idler # 4				HYCD19	HYCD11	HYCD7			
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T315SK	T315SK		T21SK	T21SK			T1048SK	
Camshaft Seal	NA5002 x 4	NA5002 x 4						NA5002 x 4	
Timing Cover Seal	NJ874#	NJ874#						NJ874#	
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

NOTES
(A) AH WITH HOUSING.

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

ISUZU					
Model	D-MAX TF - SERIES	NKR200 BIGHORN	ELF SERIES	NKR SERIES	ELF SERIES
Engine Size	3.0L OHV 8V	3.1L OHV 8V	3.2L OHV 8V	3.6L OHV 8V	3.9L OHV 8V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	10/2008 - ON	1996 - 98	1981 - 90	1986 - 98	1981 - 99
Engine Code	4JJ1-TC	4JG2/T	4BC2	4BE1	4BD1
Drive Type	CHAIN	GEAR	GEAR	GEAR	GEAR
Chassis / Eng Info	CRD TURBO				
Nason / Optibelt Kits Part No					
Timing Cover					
Water Pump	W3023	W6105	W3002	W3004	W3004
Fan Clutch					
EGR COOLER					
Drive Align Tensioner					
Timing Belt / Chain # 1 Size	3SR88HD				
Timing Belt / Chain # 2 Size					
Hyd Tensioner Tensioner 1	CT68				
Tensioner 2					
Tensioner 3					
Guide / Idler # 1	HCD12 (RH)				
Guide / Idler # 2					
Guide / Idler # 3					
Guide / Idler # 4	HCD13 (LH)				
Guide / Idler # 5					
Guide / Idler # 6					
Cam Gear					
Crank Gear					
Aux / Oil Pump Gear					
Bal Shaft Gear					
Gskt / Seal Kit Camshaft Seal					
Timing Cover Seal	OSS0015				
Aux / Balance Shaft Seal					
Oil Pump Shaft Seal					
NOTES					

- NOK SEAL AVAILABLE.

ISUZU				
Model	ELF , NKR SERIES	NPR, NPS SERIES	SBR422	FSR450, FSR500, FTR11, SBR
Engine Size	4.3L SOHC 8V	4.6L SOHC 8V	5.4L OHV 12V	5.8L OHV 12V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL
Year's	1990 - 06	2000 - 8/05	1979 - 85	1984 - 92
Engine Code	4HF1	4HG1	6BB1	6BD1/T
Drive Type	CHAIN	CHAIN	GEAR	GEAR
Chassis / Eng Info				
Nason / Optibelt Kits Part No				
Timing Cover				
Water Pump	W6013	W6013	W3006	W3006
Fan Clutch				
EGR COOLER				
Drive Align Tensioner				
Timing Belt / Chain # 1 Size				
Timing Belt / Chain # 2 Size				
Hyd Tensioner				
Tensioner 1				
Tensioner 2				
Tensioner 3				
Guide / Idler # 1				
Guide / Idler # 2				
Guide / Idler # 3				
Guide / Idler # 4				
Guide / Idler # 5				
Guide / Idler # 6				
Cam Gear				
Crank Gear				
Aux / Oil Pump Gear				
Bal Shaft Gear				
Gskt / Seal Kit				
Camshaft Seal				
Timing Cover Seal				
Aux / Balance Shaft Seal				
Oil Pump Shaft Seal				
NOTES				
# - NOK SEAL AVAILABLE.				

IVECO					
Model	DAILY ALL MODELS	DAILY ALL MODELS	DAILY ALL MODELS	TURBODAILY ALL MODELS	V304, V345, V392
Engine Size	2.3L DOHC 16V	2.8L SOHC 8V	3.0L DOHC 16V	2.8L SOHC 8V	
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	V8 - PETROL
Year's	2005 - 14	2002 - 4/05	2005 - 14	1997 - 2/02	1959 - ON
Engine Code	F1AE0481	8140.43S /43N	F1CE0481	8140.23	
Drive Type	BELT	BELT	CHAIN	BELT	
Chassis / Eng Info	EDi /TURBO	EDi /TURBO	EDi /TURBO	Dti / TURBO	
Nason / Optibelt Kits					
Part No	KT1527	KT1229		KT1229	
Timing Cover					
Water Pump	W6501	W6541	W6541		W811
Fan Clutch					
EGR COOLER					
Drive Align Tensioner					
Timing Belt / Chain # 1	T1621N	T761N		T761N	
Size	178T x 30	152T x 30		152T x 30	
Timing Belt / Chain # 2					
Size					
Hyd Tensioner					
Tensioner 1					
Tensioner 2					
Tensioner 3					
Guide / Idler # 1					
Guide / Idler # 2					
Guide / Idler # 3					
Guide / Idler # 4					
Guide / Idler # 5					
Guide / Idler # 6					
Cam Gear					
Crank Gear					
Aux / Oil Pump Gear					
Bal Shaft Gear					
Gskt / Seal Kit	T1621SK	T761/2SK		T761/2SK	
Camshaft Seal					
Timing Cover Seal					
Aux / Balance Shaft Seal					
Oil Pump Shaft Seal					
NOTES					
# - NOK SEAL AVAILABLE.					

- NOK SEAL AVAILABLE.

JEEP	CHEROKEE - KJ, KK CHEROKEE - KK / GRAND CHEROKEE TURBO - WH					
Model	CHEROKEE - KJ	CHEROKEE - XJ	CHEROKEE - KJ	CHEROKEE - KJ		
Engine Size	2.4L DOHC 16V	2.5L DOHC 16V	2.5L DOHC 16V	2.8L DOHC 16V	2.8L DOHC 16V	3.7L SOHC 12V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	V6 - PETROL
Year's	2004 - 06	1997 - 01	2001 - 10/03	2003 - 2/08	3/2008 - ON	2001 - 08
Engine Code	ED1/Z (4W)	VM	ENJ / M487	ENR	ENS (7L)	2W / 8W
Drive Type	BELT	BELT	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	2429cc	TURBO	TURBO	TURBO	TURBO	
Nason / Optibelt Kits						
Part No	CHTK1 (A)		JETK5	JETK5	JETK7	JETKG1 (A)
Timing Cover						
Water Pump	W3003	W8210	W3876	W3876	W3877	W8109
Fan Clutch						
EGR COOLER						
Drive Align Tensioner						
Timing Belt / Chain # 1	T265	T336	T336	T336	T1665	
Size	146T X 28	220T X 28	220T X 28	220T X 28	171T x 25	
Timing Belt / Chain # 2						
Size						
Hyd Tensioner						
Tensioner 1			NBT030	NBT030	NBT032-OE	
Tensioner 2						
Tensioner 3						
Guide / Idler # 1			NBT031 x 2	NBT031 x 2		
Guide / Idler # 2						
Guide / Idler # 3						
Guide / Idler # 4						
Guide / Idler # 5						
Guide / Idler # 6						
Cam Gear						
Crank Gear						
Aux / Oil Pump Gear						
Bal Shaft Gear						
Gskt / Seal Kit	USE T246SK			N/A	N/A	
Camshaft Seal						
Timing Cover Seal			NA581			
Aux / Balance Shaft Seal						
Oil Pump Shaft Seal	NJ873#					
NOTES	(A) Inc Bal Shaft chain, tensioner & gears.	(A) Has a 71mm Dia Impeller. If impeller is 76mm use W8210	(A) KIT CONTAINS BOTH , JTEC & NGC R/H CAM TUNE WHEELS.			
# - NOK SEAL AVAILABLE.						

- NOK SEAL AVAILABLE.

JEEP							
Model	COMMANDER - XH. GRAND CHEROKEE - WH	COMPASS, PATRIOT - MK	COMPASS, PATRIOT - MK	COMPASS, PATRIOT - MK	GRAND CHEROKEE - WG, WJ.	GRAND CHEROKEE - LAREDO WK, WH.	GRAND CHEROKEE - LAREDO WK, WH.
Engine Size	5.7L OHV 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.4L DOHC 16V	2.7L DOHC 20V	3.0L DOHC 24V	3.0L DOHC 24V
Engine Type	V8 - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	5CYL - DIESEL	V6 - DIESEL	V6 - DIESEL
Year's	2005 - ON	2012 - 16	2007 - 10	2007 - 10	2003 - 05	2005 - 11	2011 - 12
Engine Code	EZB	ACD / ECN	ECD	8D / ED3	ENF	EXL	OM642
Drive Type	CHAIN	CHAIN		2359cc			
Chassis / Eng Info			TURBO	With VVT	TURBO	EFI TURBO	CRD TURBO
Nason / Optibelt Kits Part No	JETK4	MBTK51	KT1403	CHTK1 (A)			
Timing Cover							
Water Pump		W6038 / AH		W6038 / AH			
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size		NTC1200	T1604N	T265			
Timing Belt / Chain # 2 Size			141T x 30	146T X 28			
Hyd Tensioner				NBTH009			
Tensioner 1		CT64					
Tensioner 2							
Tensioner 3							
Guide / Idler # 1		CCD20					
Guide / Idler # 2		CCD21					
Guide / Idler # 3		CCD22					
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit		T1604SK	T1604SK	USE T246SK			
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES
(A) Inc Bal Shaft chain, tensioner & gears.

- NOK SEAL AVAILABLE.

KIA								
Model	CARENS	CARNIVAL - LE, LS, KV-11,	CARNIVAL - VQ	CERATO - LD	CERATO - LD	CERATO - TD THETA 11	CERATO - YD	CERATO - YD
Engine Size	1.8L DOHC 16V	2.5L DOHC 24V	2.7L DOHC 24V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	V6 - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1998 ON	1999 - 07	2006 - 07	2004 - 06	2006 - 09	2008 - ON	4/2013 - 15	2013 - 16
Engine Code	TB	K5	G6EA	G4GC	G4GC	G4KD	G4NB	G4NC
Drive Type	BELT	BELT	BELT	BELT	BELT	CHAIN	CHAIN	CHAIN
Chassis / Eng Info					With CVVT	Inlet VVT	With VVT	
Nason / Optibelt Kits Part No	KITK2	KITK4 / HT	KITK5 / HT	HYTK15	HYTK19	HYTK25		
Timing Cover								
Water Pump	W8192	W8196	W3052	W8171	W8171	W3350AH	W3357	W3357
Fan Clutch								
EGR COOLER								
Drive Align Tensioner						39071		
Timing Belt / Chain # 1	T302	T1015 / N	T337	T284 / N	T284 / N	NTC10		
Size	154T X 22	176T X 28	219T X 32	113T X 25.4	113T X 25.4	180 Morse Link		
Timing Belt / Chain # 2		T1016 / N x 2	*	NTC2	NTC4	NTC15		
Size		59T X 22		46L - Roller	50L - Roller	38 Morse Link		
Hyd Tensioner		NBTH1101	NBTH 1102-OE					
Tensioner 1	NBT162	NBT470 (Front)	NBT474	NBT973	NBT100	CT77		
Tensioner 2					CT52	CT89		
Tensioner 3								
Guide / Idler # 1	NBT411	NBT471 (Rear RH)	NBT670	NBT974	NBT974	HYCD8		
Guide / Idler # 2		NBT472 (Rear LH)		HYCD1		HYCD12		
Guide / Idler # 3		NBT473 (FRONT)				HYCD10		
Guide / Idler # 4						HYCD19		
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								HYTG1
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T302SK	T1015/6SK	T337SK	T284SK	T284SK	T21SK		
Camshaft Seal	NJ285 x 2		NA5002 x 2	NJ242	NJ242			
Timing Cover Seal	NK158#		NJ874	OSS0038	OSS0038		N40527	
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

KIA								
Model	CERES	CERES	CREDOS	GRAND CARNIVAL - VQ TURBO	GRAND CARNIVAL - VQ TURBO	GRAND CARNIVAL - VQ	GRAND CARNIVAL - VQ	K2700 - TU 62KW
Engine Size	2.2L OHV 8V	2.4L SOHC 8V	2.0L DOHC 16V	2.2L DOHC 16V	2.9L DOHC 16V	3.8L DOHC 24V	3.5L DOHC 24V	2.7L SOHC 8V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	V6 - PETROL	V6 - PETROL	4CYL - DIESEL
Year's	1992 - 1997	1996 - 2001	1998 - 01	2011 - 14	2009 - ON	2006 - 5/10	6/2010 - 4/11	2002 - 05
Engine Code	S2	SC	FE	D4HH	J3	G6DA	G6DC	J2
Drive Type	BELT		BELT	CHAIN	BELT	CHAIN	CHAIN	GEAR
Chassis / Eng Info				CRD TURBO	CRD TURBO			
Nason / Optibelt Kits Part No								
Timing Cover								
Water Pump	W1028	W8195	W7095		W8441	W3117	W3356	W8194
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size								
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T822SK		T281SK					N/A
Camshaft Seal			NJ285 x 2					N/A
Timing Cover Seal			NJ285			N42627	N42627	
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

KIA								
Model	K2700 - PU 57KW	K2900 - PU TURBO	MAGENTIS - MG THETA 1	MAGENTIS - MG THETA 11	MAGENTIS - MG	MENTOR	MENTOR	MENTOR
Engine Size	2.7L SOHC 8V	2.9L DOHC 16V	2.4L DOHC 16V	2.4L DOHC 16V	2.7L DOHC 24V	1.5L SOHC 8V	1.5L DOHC 16V	1.8L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2005 - 08	2008 - ON	2006 - 08	2008 - 10	2006 - 08	1996 - 98	1998 - 02	1998 - 00
Engine Code	J2	J3	G4KC	G4KC	G6EA	B5	BF	TE
Drive Type	GEAR	BELT	CHAIN	CHAIN	BELT	BELT	BELT	BELT
Chassis / Eng Info			Inlet VVT	Inl + Ex VVT				
Nason / Optibelt Kits Part No			HYTK25	HYTK21	KITK5 / HT	MZTK11	MZTK13	KITK2
Timing Cover								
Water Pump	W8501		W3352AH		W3052	W1020	W1020	W3010 (A)
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size			NTC10 180 Morse Link	NTC10 180 Morse Link	T337 219T X 32	T185 / N 107T X 22	T179 / N 145T X 22	T302 154T X 22
Timing Belt / Chain # 2 Size			NTC15 38 Morse Link	NTC11 37 Morse Link				
Hyd Tensioner					NBTH 1102-OE			
Tensioner 1			CT77	CT77	NBT474	NBT409	NBT410	NBT162
Tensioner 2			CT89	CT80				
Tensioner 3								
Guide / Idler # 1			HYCD8	HYCD8	NBT670		NBT411	NBT411
Guide / Idler # 2			HYCD12	HYCD12				
Guide / Idler # 3			HYCD10	HYCD10				
Guide / Idler # 4			HYCD19	HYCD11				
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	N/A		T21SK	T21SK	T337SK	T185SK	T179/308SK	T302SK
Camshaft Seal	N/A				NA5002 x 4	NJ448#	NJ324# x 2	NJ285 x 2
Timing Cover Seal					NJ874	NK158#	NK158#	NK158#
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES								

- NOK SEAL AVAILABLE.

KIA								
Model	OPTIMA - TF THETA 11	OPTIMA - GD	PREGIO - CT 62KW	RIO - UB	RIO - JB	RIO - BC	RIO - JB	RIO - UB
Engine Size	2.4L DOHC 16V	2.5L / 2.7L DOHC 24V	2.7L SOHC 8V	1.4L DOHC 16V	1.4L DOHC 16V	1.5L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2011 - 14	2001 - 06	2002 - 4/06	9/2011 - 14	2007 - ON	2000 - 05	2005 - ON	9/2011 - 14
Engine Code	G4KJ	G6BV, G6BA	J2	G4FA	G4EE	A5D	G4ED	G4FD
Drive Type	CHAIN	BELT	BELT	CHAIN	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	Inl + Ex VVT			(1394cc)	(1399cc)		With CVVT	With CVVT
Nason / Optibelt Kits Part No	HYTK21	HYTK17 / HT		HYTK26	HYTK1	KITK1	HYTK1	HYTK22
Timing Cover								
Water Pump	W6038 / AH	W3121	W8501	W3351	W4019 /A	W3010 (A)	W4019 (A)	W3351
Fan Clutch								
EGR COOLER								
Drive Align Tensioner	39071							
Timing Belt / Chain # 1	NTC10	T315	T822		T282 / N	T318	T282 / N	NTC5
Size	180 Morse Link	207T X 32	164T X 25.4		105T X 22	137T X 22	105T X 22	124T - Roller
Timing Belt / Chain # 2	NTC11				NTC1		NTC3	
Size	37 Morse Link				46L - Roller		50L - Roller	
Hyd Tensioner		NBTH002-OE						
Tensioner 1	CT77	NBT670		CT77	NBT635	NBT410	NBT635	CT77
Tensioner 2	CT80						CT55	
Tensioner 3								
Guide / Idler # 1	HYCD8	NBT015			NBT967	NBT411	NBT967	HYCD2
Guide / Idler # 2	HYCD12				HYCD1			HYCD3
Guide / Idler # 3	HYCD10							
Guide / Idler # 4	HYCD11							
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T21SK	T315SK	T822SK		T282SK	T318SK	T282SK	
Camshaft Seal		NA5002 x 4	N537011		NJ242 x 2	N345207 x 2	NJ242 x 2	
Timing Cover Seal		NJ874#			NB699	NK158#	NB699	
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) NO KINK IN BASE.
W8174 HAS A KINK.

W4019 has a 14mm
high alternator mounting
post & round Hub.
W4018 has a 24mm

- NOK SEAL AVAILABLE.

KIA								
Model	RONDO - UN THETA 11	RONDO RP	SHUMA	SORENTO - XM	SORENTO - XM THETA 11	SORENTO - XM THETA 11	SORENTO - BL	SORENTO - BL TURBO
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	1.8L DOHC 16V	2.2L DOHC 16V	2.4L DOHC 16V	2.4L DOHC 16V	3.5L DOHC 24V	2.5L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - DIESEL
Year's	4/2008 - 10	2013 - 16	2000 - 01	10/2009 - 14	11/2009 - 11	2012 - ON	2002 - 08	2007 - 08
Engine Code	G4KA	G4NC	TE	D4HB	G4KE	G4KJ	G6CU	D4CB6
Drive Type	CHAIN	CHAIN	BELT	BELT	CHAIN	CHAIN	BELT	CHAIN
Chassis / Eng Info	With CVVT			CRD TURBO	Inl + Ex VVT	Inl + Ex VVT	(3497cc)	
Nason / Optibelt Kits Part No	HYTK22	HYTK24	KITK2		HYTK21	HYTK21	HYTK6 / HT	HYTK18
Timing Cover								
Water Pump	W3352AH	W3357	W8192	W3353AH	W3352AH	W3352AH	W8176 / AH (A)	W6420
Fan Clutch								
EGR COOLER								
Drive Align Tensioner					39071	39071	39245	
Timing Belt / Chain # 1	NTC5	NTC13	T302	T1364	NTC10	NTC10	T1048 / N	
Size	124T - Roller	??L - Roller	154T X 22	123T X 28	180 Morse Link	180 Morse Link	259T X 32	
Timing Belt / Chain # 2		NTC14			NTC11	NTC11		
Size		??L - Roller			37 Morse Link	37 Morse Link		
Hyd Tensioner							NBTH003-OE	
Tensioner 1	CT77	CT86	NBT162	NBT024	CT77	CT77	NBT612	CT82-OE
Tensioner 2		CT87			CT80	CT80		CT83-OE
Tensioner 3								CT84-OE
Guide / Idler # 1	HYCD2	HYCD15	NBT411	NBT025	HYCD8	HYCD8	NBT613	
Guide / Idler # 2	HYCD3	HYCD16			HYCD12	HYCD12		
Guide / Idler # 3		HYCD17			HYCD10	HYCD10		
Guide / Idler # 4		HYCD18			HYCD11	HYCD11		*
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear		HYTG1						
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit			T302SK		T21SK	T21SK	T1048SK	
Camshaft Seal			NJ285 x 2				NA5002 x 4	
Timing Cover Seal			NK158#				NJ874#	
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

KIA								
Model	SORENTO - BL	SORENTO - XM	SORENTO - BL	SOUL - AM	SOUL - AM	SPECTRA - FB	SPORTAGE	SPORTAGE - KM TURBO
Engine Size	3.3L DOHC 24V	3.5L DOHC 24V	3.8L DOHC 24V	1.6L DOHC 16V	1.6L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V	2.0L SOHC 16V
Engine Type	V6 - PETROL	V6 - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's	2007 - 10	8/2011 - 14	2003 - 07	4/2009 - 14	4/2009 - 14	2001 - 2004	1996 - 04	2007 - 14
Engine Code	G6DB6	G6DC	G6DA	D4FB	G4FC	TE	FE-D	D4EA / D4HA
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT	BELT	BELT
Chassis / Eng Info	(3470cc)			TURBO				CRD TURBO
Nason / Optibelt Kits Part No	HYTK20	HYTK20	HYTK20	HYTK13	HYTK22	KITK2	KITK3	
Timing Cover								
Water Pump	W3117	W3356	W3117	W3355 (A)	W4025	W8192	W7095	W4023
Fan Clutch								
EGR COOLER								
Drive Align Tensioner		39104	39104	39123				
Timing Belt / Chain # 1	NTC8 x 2	NTC8 x 2	NTC8 x 2		NTC5	T302	T281 / N	T1364
Size	178 Morse Link	178 Morse Link	178 Morse Link		124T - Roller	154T X 22	168T X 25.4	123T X 28
Timing Belt / Chain # 2	NTC9	NTC9	NTC9					
Size	36 Link	36 Link	36 Link					
Hyd Tensioner								
Tensioner 1	CT78 x 2	CT78 x 2	CT78 x 2		CT77	NBT162	NBT405 (-)	NBT024
Tensioner 2	CT79	CT79	CT79					
Tensioner 3								
Guide / Idler # 1	HYCD4 x 2	HYCD4 x 2	HYCD4 x 2		HYCD2	NBT411	NBT400	NBT025
Guide / Idler # 2	HYCD5 x 2	HYCD5 x 2	HYCD5 x 2		HYCD3			
Guide / Idler # 3	HYCD6 x 2	HYCD6 x 2	HYCD6 x 2					
Guide / Idler # 4	HYCD7	HYCD7	HYCD7					
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit						T302SK	T281SK	
Camshaft Seal						NJ285 x 2	NJ285 x 2	
Timing Cover Seal	N42627	N42627	N42627			NK158#	NJ285	
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

KIA					
Model	SPORTAGE - KM	SPORTAGE - SL THETA 11	SPORTAGE SL	SPORTAGE - SL THETA 11	SPORTAGE - KM
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.4L DOHC 16V	2.7L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL
Year's	2007 - 14	8/2010 - 14	2014 - 16	8/2010 - 14	2005 - ON
Engine Code	G4GC	G4KD	G4NC	G4KE	G6BA
Drive Type	BELT	CHAIN	CHAIN	CHAIN	BELT
Chassis / Eng Info	With CVVT	Inl + Ex VVT		Inl + Ex VVT	
Nason / Optibelt Kits Part No	HYTK19	HYTK21	HYTK24	HYTK21	HYTK17 / HT
Timing Cover					
Water Pump	W8171	W3350AH	W3357	W3352AH	W3121
Fan Clutch					
EGR COOLER					
Drive Align Tensioner		39071		39071	
Timing Belt / Chain # 1	T284 / N	NTC10	NTC13	NTC10	T315
Size	113T X 25.4	180 Morse Link	??L - Roller	180 Morse Link	207T X 32
Timing Belt / Chain # 2	NTC4	NTC11	NTC14	NTC11	
Size	50 Link	37 Morse Link	??L - Roller	37 Morse Link	
Hyd Tensioner					NBTH002-OE
Tensioner 1	NBT100	CT77	CT86	CT77	NBT015
Tensioner 2	CT52	CT80	CT87	CT80	
Tensioner 3					
Guide / Idler # 1	NBT974	HYCD8	HYCD15	HYCD8	NBT670
Guide / Idler # 2		HYCD12	HYCD16	HYCD12	
Guide / Idler # 3		HYCD10	HYCD17	HYCD10	
Guide / Idler # 4		HYCD11	HYCD18	HYCD11	
Guide / Idler # 5					
Guide / Idler # 6					
Cam Gear					
Crank Gear			HYTG1		
Aux / Oil Pump Gear					
Bal Shaft Gear					
Gskt / Seal Kit	T284SK	T21SK		T21SK	T315SK
Camshaft Seal	NJ242				NA5002 x 4
Timing Cover Seal	OSS0038				NJ874#
Aux / Balance Shaft Seal					
Oil Pump Shaft Seal					
NOTES					

LAND ROVER

Model	DEFENDER 90	DEFENDER 90 (PUMA ENG)	DEFENDER 90	DEFENDER 110	DEFENDER 110	DEFENDER 110	DEFENDER 110	DEFENDER 130
Engine Size	2.4L DOHC 16V	2.2L DOHC 16V	2.5L SOHC 20V	2.4L DOHC 16V	2.5L SOHC 20V	2.5L OHV 8V	2.5L SOHC 20V	2.4L SOHC 8V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	5CYL - DIESEL	4CYL - DIESEL	5CYL - DIESEL	4CYL - DIESEL	5CYL - DIESEL	4CYL - DIESEL
Year's	2/2010 - 2012	2012 - 16	2003 - 4/06	2007 - 12	1999 - 3/02	1992 - 94	2002 - 9/07	2007 - 12
Engine Code	244DT	DT244 (2198cc)	15P	244DT	10P	11L	15P	244DT
Drive Type	CHAIN	BELT / CHAIN	CHAIN	CHAIN	CHAIN	BELT	CHAIN	CHAIN
Chassis / Eng Info	TURBO	Common Rail		TURBO				TURBO
Nason / Optibelt Kits Part No	FTK22 (A) (B) (C)			FTK22 (A) (B) (C)		LRTK2		FTK22 (A) (B) (C)
Timing Cover								
Water Pump	W3066 / AH		W7058	W3066 / AH	W7058	W7052	W7058	W3066 / AH
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1						T1034		
Size						109T X 30		
Timing Belt / Chain # 2	TC1012			TC1012				TC1012
Size	74 Link			74 Link				74 Link
Hyd Tensioner								
Tensioner 1								
Tensioner 2	CT75-OE			CT75-OE				CT75-OE
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES	(A) Simplex Chain (B) USE FTKG22 WITH GEARS. (C) Does not include oil pump chain and tensioner. Sold separately.	(A) Does not include oil pump chain and tensioner.		(A) Simplex Chain (B) USE FTKG22 WITH GEARS. (C) Does not include oil pump chain and tensioner. Sold separately.				(A) Simplex Chain (B) USE FTKG22 WITH GEARS. (C) Does not include oil pump chain and tensioner. Sold separately.

- NOK SEAL AVAILABLE.

LAND ROVER								
Model	DEFENDER 130	DEFENDER 130	DEFENDER 130	DEFENDER 130	DEFENDER	DISCOVERY - SERIES 2 TD5	DISCOVERY - 200TDI TURBO	DISCOVERY - 200TDI TURBO
Engine Size	2.5L OHV 8V	2.5L OHV 8V	2.5L SOHC 20V	2.5L SOHC 20V	3.5L OHV 16V	2.5L SOHC 20V	2.5L OHV 8V	2.5L OHV 8V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	5CYL - DIESEL	5CYL - DIESEL	V8 - PETROL	5CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	2/1994 - 3/99	2/1994 - 3/99	1999 - 3/02	2002 - 4/06	1998 - 99	1999 - 2002	1994	1994
Engine Code	16L	16L	10P	15P	31G	10P	12L	12L
Drive Type	BELT	BELT	CHAIN	CHAIN	CHAIN	CHAIN	BELT	BELT
Chassis / Eng Info	> CH VA560897	< CH VA560897					> Ch.VA5600897	< Ch.VA5600898
Nason / Optibelt Kits Part No	LRTK2	LRTK3						
Timing Cover								
Water Pump	W7051	W7051	W7058	W7058	W7057	W7058	W7053	W7053
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1							T1034	T1034
Size	118T X 30	118T X 30					109T X 30	109T X 30
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

LAND ROVER								
Model	DISCOVERY - SERIES 11 TD5	DISCOVERY - SERIES 1 TDI	DISCOVERY - SERIES 1 TDI	DISCOVERY - SERIES 1	DISCOVERY SERIES 3 & 4 TDV6	DISCOVERY SERIES 4 SDV6	DISCOVERY V8i - SERIES 1	DISCOVERY SERIES 1
Engine Size	2.5L SOHC 20V	2.5L OHV 8V	2.5L OHV 8V	2.5L OHV 8V	2.7L DOHC 24V	3.0L DOHC 24V	3.5L OHV 16V	4.0L OHV 16V
Engine Type	5CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	V6 - DIESEL	V6 - DIESEL	V8 - PETROL	V8 - PETROL
Year's	2001 - 3/05	1994 - 95	1995 - 97	1994 - 3/1999	4/2005 - 11/02	9/2009 - 2014	1991 - 93	1993 - 99
Engine Code	16P	18L	18L	20L	276DT	306DT (BMW)	22L, 23D, 23L	35L
Drive Type	CHAIN	BELT	BELT	BELT	BELT	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	> Ch.VA5600897		< Ch.VA5600898		CRD TURBO	CRD TWIN TURBO		(3947cc)
Nason / Optibelt Kits Part No		LRTK2	LRTK3		FTK1			
Timing Cover								
Water Pump	W7058	W7052	W7051	W7052 (A)	W7061		W2614	W3714
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1					T1616			
Size		118T X 30	118T X 30		195T X 29			
Timing Belt / Chain # 2					T1617			
Size					85T X 20			
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) FROM 1995 USE
W7051

- NOK SEAL AVAILABLE.

LAND ROVER							
Model	DISCOVERY SERIES 2	DISCOVERY SERIES 3	DISCOVERY SERIES 3	DISCOVERY SERIES 4	FREELANDER	FREELANDER	FREELANDER TURBO
Engine Size	4.0L OHV 16V	4.0L SOHC 12V	4.4L DOHC 32V	5.0L DOHC 32V	1.8L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V
Engine Type	V8 - PETROL	V6 - PETROL	V8 - PETROL	V8 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's	1998 - 05	4/2005 - 9/09	4/2005 - 9/09	9/2009 - 2014	1997 - 00	1997 - 00	11/2000 - 4/07
Engine Code	55D, 56D	1V (FORD)	448PN (BMW)	508PN (BMW)	18K16	18K16	M47D20 (BMW)
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	BELT	BELT	CHAIN
Chassis / Eng Info	(3950cc)				` MAN Tensioner	` AUTO Tensioner	TURBO
Nason / Optibelt Kits Part No		FTKG13			MGTK2	MGTK3	
Timing Cover							
Water Pump	W3714	W2009	W7054		W3127	W3127	W7059
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1					T1050 / N	T1093 / N	
Size					143T x 26	145T x 26	
Timing Belt / Chain # 2					T1083	T1083	
Size					68T x 23	68T x 23	
Hyd Tensioner							
Tensioner 1					NBT120	NBT121	
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit					T1050/1093SK	T1050/1093SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

LAND ROVER			
Model	RANGE ROVER	RANGE ROVER	RANGE ROVER
Engine Size	4.0L OHV 16V	4.0L OHV 16V	4.4L DOHC 32V
Engine Type	V8 - PETROL	V8 - PETROL	V8 - PETROL
Year's	1993 - 99	1995 - 02	8/2002- 1/08
Engine Code	35D - 38D	42D - 60D	M62B (BMW)
Drive Type	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	(3947cc)	(3950cc)	
Nason / Optibelt Kits Part No			
Timing Cover			
Water Pump			
Fan Clutch			
EGR COOLER			
Drive Align Tensioner			
Timing Belt / Chain # 1			
Size			
Timing Belt / Chain # 2			
Size			
Hyd Tensioner			
Tensioner 1			
Tensioner 2			
Tensioner 3			
Guide / Idler # 1			
Guide / Idler # 2			
Guide / Idler # 3			
Guide / Idler # 4			
Guide / Idler # 5			
Guide / Idler # 6			
Cam Gear			
Crank Gear			
Aux / Oil Pump Gear			
Bal Shaft Gear			
Gskt / Seal Kit			
Camshaft Seal			
Timing Cover Seal			
Aux / Balance Shaft Seal			
Oil Pump Shaft Seal			
NOTES			
# - NOK SEAL AVAILABLE.			

LEXUS

Model	CT200H HYBRID	ES300- MCV20	ES300- MCV30	ES300- VCV10	ES300- VCV10	GS250 GRL-11	GS300- GRS190	GS300 JZS160
Engine Size	1.8L DOHC 16V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V	2.5L DOHC 24V	3.0L DOHC 24V	3.0L DOHC 24V
Engine Type	4CYL - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	6CYL PETROL
Year's	2011 - 2014	1996 - 9/01	10/01 - 08	1992 - 8/94	1995 - 96	2012 - 14	2005 - 3/12	1996 - 05
Engine Code	2ZR-FXE	1MZ-FE	1MZ-FE	3VZ-FE	3VZ-FE	4GR-FSE	3GR-FSE	2JZ -FE/GE
Drive Type	CHAIN	BELT	BELT	BELT	BELT	CHAIN	CHAIN	BELT
Chassis / Eng Info								

Nason / Optibelt Kits Part No		TTK27 / HT	TTK27 (A)	TTK26	TTK26			TTK43 / HT
Timing Cover								
Water Pump		W7035	W7035	W3054	W3054	W3174	W3174	W2165 (A)
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1		T257 / N	T257 / N	T200	T200			T215
Size		211T X 32	211T X 32	191T X 32	191T X 32			143T X 25.4
Timing Belt / Chain # 2								
Size								
Hyd Tensioner		NBTH1015-OE	NBTH004-OE	NBTH1035-OE	NBTH1015-OE			NBTH1025-OE
Tensioner 1		NBT186	NBT186	NBT186	NBT186			NBT108
Tensioner 2								
Tensioner 3								
Guide / Idler # 1		NBT185	NBT185	NBT185	NBT185			
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit		T200/257SK	T200/257SK	T200/257SK	T200/257SK			T215SK
Camshaft Seal		NJ347# x 2	NJ347# x 2	NJ347# x 2	NJ347# x 2			NK150 x 2
Timing Cover Seal		NB384	NB384	NB384	NB384	NJ344#	NJ344#	NK154
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) CANNOT USE
TTK27HT FOR THIS
APPLICATION.

(A) HAS A 91MM HUB.
W3128 HAS A 64MM
HUB.

- NOK SEAL AVAILABLE.

LEXUS								
Model	GS350 GRJ10R	GS430 - UZS190	GS450H - GWS191	GS460 - URS190	IS F - USE20	IS200 - GXE10	IS250 - GSE20 1	IS300 - JCE10
Engine Size	3.5L DOHC 24V	4.3L DOHC 32V	3.5L DOHC 24V	4.6L DOHC 32V	5.0L DOHC 32V	2.0L DOHC 24V	2.5L DOHC 24V	3.0L DOHC 24V
Engine Type	V6 - PETROL	V8 - PETROL	V6 - PETROL	V8 - PETROL	V8 - PETROL	6CYL PETROL	V6 - PETROL	6CYL PETROL
Year's	2012 - 15	2005 - 07	2006 - 08	2008 - ON	10/2008 - 14	1999 - 05	2005 - 09	2001 - 05
Engine Code	2GR-FSE	3UZ-FE	2GR-FSE	1UR-FSE	2UR-FSE	1G-FE	4GR-FSE	2JZ -GE
Drive Type	CHAIN	BELT	CHAIN	CHAIN	CHAIN	BELT	CHAIN	BELT
Chassis / Eng Info								
Nason / Optibelt Kits Part No	TTK63	TTK50 / HT	TTK63			TTK37		TTK43 / HT
Timing Cover								
Water Pump	W3174	W3104	W3174	W3715	W3715	W7060	W3174	W2165 (A)
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	3SR170-1	T298	3SR170-1			T885		T215
Size		211T X 34				129T X 27		143T X 25.4
Timing Belt / Chain # 2	3SR46-1		3SR46-1					
Size								
Hyd Tensioner		NBTH1025-OE						NBTH1025-OE
Tensioner 1	CT57	NBT106	CT57			NBT102-OE		NBT108
Tensioner 2	CT58		CT58					
Tensioner 3	CT59		CT59					
Guide / Idler # 1	TCD50	NBT107	TCD50			NBT019		
Guide / Idler # 2	TCD51		TCD51					
Guide / Idler # 3	TCD52		TCD52					
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit		T298SK-3UZ						T215SK
Camshaft Seal								NK150 x 2
Timing Cover Seal	NJ344#		NJ344#				NJ344#	NK154
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) HAS A 91MM HUB.
W3128 HAS A 64MM
HUB.

- NOK SEAL AVAILABLE.

LEXUS					
Model	RX330 - MCU38	RX350 - GSU35	RX400H - MHU38	SC430- UZZ40R	RX450 - GYL15
Engine Size	3.3L DOHC 24V	3.5L DOHC 24V	3.3L DOHC 24V	4.3L DOHC 32V	3.5L DOHC 24V
Engine Type	V6 - PETROL	V6 - PETROL	V6 - PETROL	V8 - PETROL	V6 - PETROL
Year's	2003 - 06	2005 - ON	2006 - ON	2001 - 08	6/2009 - 14
Engine Code	3MZ-FE	2GR-FE	3MZ-FE	3UZ-FE	2GR-FE
Drive Type	BELT	CHAIN	BELT	BELT	CHAIN
Chassis / Eng Info					
Nason / Optibelt Kits Part No	TTK58 / HT	TTK63	TTK58 / HT	TTK50 (A)	TTK63
Timing Cover					
Water Pump	W7035	W3150	W7035	W3104	W3150
Fan Clutch					
EGR COOLER					
Drive Align Tensioner					
Timing Belt / Chain # 1	T257 / N	3SR170-1	T257 / N	T298	3SR170-1
Size	211T X 32		211T X 32	211T X 34	
Timing Belt / Chain # 2		3SR46-1			3SR46-1
Size					
Hyd Tensioner	NBTH004-OE		NBTH004-OE	NBTH1025-OE	
Tensioner 1	NBT187	CT57	NBT187	NBT106	CT57
Tensioner 2		CT58			CT58
Tensioner 3		CT59			CT59
Guide / Idler # 1	NBT185	TCD50	NBT185	NBT107	TCD50
Guide / Idler # 2		TCD51			TCD51
Guide / Idler # 3		TCD52			TCD52
Guide / Idler # 4					
Guide / Idler # 5					
Guide / Idler # 6					
Cam Gear					
Crank Gear					
Aux / Oil Pump Gear					
Bal Shaft Gear					
Gskt / Seal Kit	T200/257SK		T200/257SK	T298SK-3UZ	
Camshaft Seal	NJ347# x 2		NJ347# x 2		
Timing Cover Seal	NB384	NJ344#	NB384		NJ344#
Aux / Balance Shaft Seal					
Oil Pump Shaft Seal					
NOTES				(A) Cannot use TTK50HT	
# - NOK SEAL AVAILABLE.					

MG				
Model	MG-F & MG TF MG-ZR, MG-ZS 88KW	MG-F With VVC 107/118KW	MG-F & MG TF MG-ZR, MG-ZS 88/100KW	ZT, ZT-T
Engine Size	1.8L DOHC 16V	1.8L DOHC 16V	1.8L DOHC 16V	2.5L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL
Year's	1995 - 04	1995 - 04	1995 - 04	2002 - 05
Engine Code	18K4F	18K4K	18K4F	25K4F
Drive Type	BELT	BELT	BELT	BELT
Chassis / Eng Info	` MAN Tensioner	` MAN Tensioner	` AUTO Tensioner	
Nason / Optibelt Kits Part No	MGTK1	MGTK2	MGTK3	LRTK4
Timing Cover				
Water Pump	W2743	W3127	W3127	W6404
Fan Clutch				
EGR COOLER				
Drive Align Tensioner				
Timing Belt / Chain # 1	T613/ N	T1050 / N	T1093 / N	T327
Size	143T x 23	143T x 26	145T x 26	176T X 28
Timing Belt / Chain # 2	T1083	T1083	T1083	T326 x 2
Size	68T x 23	68T x 23	68T x 23	58T X 22
Hyd Tensioner				
Tensioner 1	NBT120	NBT120	NBT121	
Tensioner 2				
Tensioner 3				
Guide / Idler # 1				
Guide / Idler # 2				
Guide / Idler # 3				
Guide / Idler # 4				
Guide / Idler # 5				
Guide / Idler # 6				
Cam Gear				
Crank Gear				
Aux / Oil Pump Gear				
Bal Shaft Gear				
Gskt / Seal Kit	T1050/1093SK	T1050/1093SK	T1050/1093SK	T326/7SK
Camshaft Seal				
Timing Cover Seal				
Aux / Balance Shaft Seal				
Oil Pump Shaft Seal				
NOTES				
# - NOK SEAL AVAILABLE.				

MAZDA															
Model		MAZDA 2		MAZDA 3 - BK		MAZDA 3 - BK		MAZDA 3 - BK		MAZDA 3 - BK		MAZDA 3 - BK		MAZDA 3 - BL	
						TURBO		SP23		SP23		SP23, BL MPS TURBO		SP25	
Engine Size	1.5L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L SOHC 16V	2.3L DOHC 16V	2.3L DOHC 16V	2.3L DOHC 16V	2.3L DOHC 16V	2.3L DOHC 16V	2.5L DOHC 16V	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2003 - 07	2003 - 06	2006 - 08	2007 - 09	2003 - 9/06	9/2006 - ON	2006 - ON	2009 - 14							
Engine Code	ZY	LF	LF	MZR-CD (RF)	L3 - VE	L3 - VE	L3 - VET	L5 - VE							
Drive Type	CHAIN	CHAIN	CHAIN	BELT	CHAIN	CHAIN	CHAIN	CHAIN							
Chassis / Eng Info	1498cc	Without VVT	With VVT		With VVT	With VVT	With VVT	With VVT							
Nason / Optibelt Kits No	Part	MZTK44	MZTK34 (A)	MZTK38	MZTK40	MZTK37		MZTK43							
Timing Cover															
Water Pump	W8219	W8220	W8220		W8220	W8220	W8220	W8220	W8220						
Fan Clutch															
EGR COOLER															
Drive Align Tensioner															
Timing Belt / Chain # 1	NTC6	TC138	TBA	T1628	TC137	TC138 *	TC139	TC138 *							
Size		138 LINK	134 LINK	150T X 30	174 LINK	138 LINK	138 LINK	138 LINK							
Timing Belt / Chain # 2		TC54	TC54			TC136 *	TC140	TC136 *							
Size		54 LINK	54 LINK		66 LINK	52 LINK	60 LINK	52 LINK							
Hyd Tensioner				NBTH2008-OE											
Tensioner 1	CT73	CT39	CT39		CT39	CT39	CT42	CT39							
Tensioner 2															
Tensioner 3															
Guide / Idler # 1	MCD26	MCD14			MCD13		MCD22								
Guide / Idler # 2	MCD27						MCD23								
Guide / Idler # 3							MCD24								
Guide / Idler # 4							MCD25								
Guide / Idler # 5															
Guide / Idler # 6															
Cam Gear															
Crank Gear															
Aux / Oil Pump Gear															
Bal Shaft Gear															
Gskt / Seal Kit															
Camshaft Seal															
Timing Cover Seal	NA5086	OSS0021	OSS0021	OSS0021	OSS0021	OSS0021	OSS0021	OSS0021							
Aux / Balance Shaft Seal															
Oil Pump Shaft Seal															

- NOK SEAL AVAILABLE.

MAZDA									
Model	MAZDA 6 - GG.	MAZDA 6 - GH	MAZDA 6 - GH TURBO	MAZDA 6 - GJ TWIN TURBO	MAZDA 6 - GY	121 - CD	121- CD	121- CD	
Engine Size	2.3L DOHC 16V	2.5L DOHC 16V	2.2L DOHC 16V	2.2L DOHC 16V	2.3L DOHC 16V	1.8L SOHC 8V	2.0L SOHC 8V	2.0L SOHC 8V	
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	
Year's	9/2006 - ON	2007 - ON	2007 - ON	2013 - ON	2002 - 08	1973 - 82	1976 - 80	1980 ON	
Engine Code	L3 - VE	L5 - VE	MZD-CD (R2AA)	SKYACTIV-D	L3 - VE	VC	MA	MA	
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	
Chassis / Eng Info	With VVT	With VVT		2191CC	With VVT				
Nason / Optibelt Kits Part No					MZTK37	MZTK6	MZTK7	MZTK8	
Timing Cover									
Water Pump	W8220	W8220	W8182		W8220	W824	W756	W756	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1	TC138 *	TC138 *			TC137	3DR100	3DR106	3DR106	
Size	138 LINK	138 LINK			174 LINK				
Timing Belt / Chain # 2	TC136 *	TC136 *				3SR46	3SR46	NTC1143	
Size	52 LINK	52 LINK			66 LINK				
Hyd Tensioner									
Tensioner 1	CT39	CT39			CT39	CT48	CT48	CT48	
Tensioner 2									
Tensioner 3									
Guide / Idler # 1					MCD13	MCD7	MCD10	MCD10	
Guide / Idler # 2						MCD9	MCD12	MCD12	
Guide / Idler # 3							MCD17	MCD17	
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear						MATG6	MATG6		
Crank Gear						MATG5	MATG5		
Aux / Oil Pump Gear						MATG7	MATG32	MATG34 & 35	
Bal Shaft Gear									
Gskt / Seal Kit						NTCS07	NTCS07	NTCS07	
Camshaft Seal									
Timing Cover Seal	OSS0021	OSS0021	NJ448#		OSS0021	NJ042	NJ042	NJ042	
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

MAZDA																	
Model		323 - BJ10 PREMACY		323 - BW10		323 - FA45, FA4V		626 - CB		626 - CB		626 - GC10		626 - GC10		626 - GC10	
Engine Size		2.0L DOHC 16V		1.6L SOHC 8V		1.5L SOHC 8V		2.0L SOHC 8V		2.0L SOHC 8V		2.0L SOHC 8V		2.0L SOHC 8V		2.0L SOHC 8V	
Engine Type		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - PETROL		4CYL - DIESEL		4CYL - PETROL	
Year's		1998 - 03		1986 - 89		1980 - 83		1976 - 80		1980 ON		1982 - 84		1984		1985 - 86	
Engine Code		FS		B6		D5 & UC		MA		MA		FE		RF		FE	
Drive Type		BELT		BELT		CHAIN		CHAIN		CHAIN		BELT		BELT		BELT	
Chassis / Eng Info																	
Nason / Optibelt Kits No		MZTK21		FMZTK6		MZTK2		MZTK7		MZTK8		MZTK23				MZTK24	
Timing Cover																	
Water Pump		W3082		W1020		W2051		W756		W756		W895				W895	
Fan Clutch												NFC19				NFC19	
EGR COOLER																	
Drive Align Tensioner																	
Timing Belt / Chain # 1		T228 / N		T123		3DR90		3DR106		3DR106		T088		T103		T113 / N	
Size		135T X 25.4		107T X 19								109T X 19 SQ		148T X 25.4		109T X 19 RD	
Timing Belt / Chain # 2						3SR44		3SR46		NTC1143				T102			
Size														78T X 19			
Hyd Tensioner																	
Tensioner 1		NBT446		NBT409		CT48		CT48		CT48		NBT403 (-)				NBT403 (-)	
Tensioner 2																	
Tensioner 3																	
Guide / Idler # 1		NBT441				MCD3		MCD10		MCD10							
Guide / Idler # 2						MCD4		MCD12		MCD12							
Guide / Idler # 3								MCD17		MCD17							
Guide / Idler # 4																	
Guide / Idler # 5																	
Guide / Idler # 6																	
Cam Gear						MATG16		MATG6		MATG6							
Crank Gear						MATG15		MATG5		MATG5							
Aux / Oil Pump Gear						MATG26/27		MATG7/13		MATG34/35							
Bal Shaft Gear																	
Gskt / Seal Kit		T228SK		T123SK		NTCS06		NTCS07		NTCS07		T088/113SK		T103SK		T088/113SK	
Camshaft Seal		NJ324# X 2		NJ448#								NJ324#		NJ448#		NJ324#	
Timing Cover Seal		NA5086**		NJ448# (A)		NB384		NJ042		NJ042		NJ324#		NJ285		NJ324#	
Aux / Balance Shaft Seal																	
Oil Pump Shaft Seal																	
NOTES				(A) SOME MODELS USE NK158# 36.5 x 50.5 x 7MM								(-) 23mm WIDE BRG		(-) 23mm WIDE BRG		(-) 23mm WIDE BRG	
# - NOK SEAL AVAILABLE.																	

MAZDA									
Model	626 - GC10	626 - GC10	626 Import	626 - GD10 MX-6	626 - GE	626 - GE10 MX-6	626 - GF	929 - HBSH	
Engine Size	2.0L SOHC 8V	2.0L SOHC 8V	2.0L DOHC 16V	2.2L SOHC 12V	2.0L DOHC 16V	2.5L DOHC 24V	2.0L DOHC 16V	2.0L SOHC 8V	
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	
Year's	1987 - 90	1987 ON	1988 - 95	1988 - 98	1991 - 97	1992 - 97	1997 - 02	1976 - 80	
Engine Code	FE	FE	FE-D	F2 -T	FS	KL	FS	MA	
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	CHAIN	
Chassis / Eng Info									
Nason / Optibelt Kits	Part								
No									
Timing Cover									
Water Pump									
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1									
Size									
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit									
Camshaft Seal									
Timing Cover Seal									
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

NOTES	(-) 26mm WIDE BRG	(-) 28.5mm WIDE BRG	(-) 28.5MM WIDE BRG	(-) 28.5mm WIDE BRG	(A) FLAT FLANGE HUB. USE W3076 FOR STEPPED FLANGE.
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- NOK SEAL AVAILABLE.

MAZDA								
Model		B2600, UF	B2600 UF, BRAVO	B3000 , BT50	BT50 XT	BT50 XT	B4000 BRAVO	CX-5 KE
Engine Size		2.6L SOHC 8V	2.6L SOHC 12V	3.0L DOHC 16V	2.2L DOHC 16V	3.2L DOHC 20V	4.0L SOHC 12V	2.0L DOHC 16V
Engine Type		4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	5CYL - DIESEL	V6 - PETROL	4CYL - PETROL
Year's		1991 - 96	1990 - 06	2006 - on	11/2011 - 2016	11/2011 - 2016	2002 - 06	2012 - 2014
Engine Code		4G54	G6	WE- C, WEAT	P4AT (2198cc)	P5AT (3198cc)	15V / 17V	PE-VPS
Drive Type		CHAIN	CHAIN	BELT	BELT / CHAIN	BELT / CHAIN	CHAIN	CHAIN
Chassis / Eng Info				Common Rail	Common Rail	Common Rail	1998CC	
Nason / Optibelt Kits	Part No	MBTK4 (J)	MZTK10	MZTK36			FTKG13	
Timing Cover								
Water Pump		W1009	W3123	W3205	W8387	W8387	W2009	
Fan Clutch		NFC13	NFC19	NFC15				
EGR COOLER				EGRWE-OE				
Drive Align Tensioner								
Timing Belt / Chain # 1		3DR102	3SR102HD	T1601 / N				
Size				103T X 26.5				
Timing Belt / Chain # 2		NTC1148	NTC1180					
Size								
Hyd Tensioner								
Tensioner 1		CT602	CT70	NBT988-OE				
Tensioner 2								
Tensioner 3								
Guide / Idler # 1		CCD1	MCD30	NBT987				
Guide / Idler # 2		CCD2	MCD31					
Guide / Idler # 3		CCD3	MCD32					
Guide / Idler # 4		CCD8	MCD33					
Guide / Idler # 5		CCD10	MCD34					
Guide / Idler # 6								
Cam Gear		MTG9						
Crank Gear		MTG11						
Aux / Oil Pump Gear		MTG17 & MTG22 X 2						
Bal Shaft Gear								
Gskt / Seal Kit		NTCS09/27	NTCS37	T1601SK				
Camshaft Seal				NK182# x 2				
Timing Cover Seal		NJ057 #	NJ978#				NA582	
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES		(J) USE MBTKG4 FOR KIT W/GEARS .						
# - NOK SEAL AVAILABLE.								

MAZDA								
Model	CX-5 KE	CX-5 KE	CX7 - ERA TURBO 2183cc	CX7 - ER3 TURBO 2260cc	CX7 - ER5 2488cc	CX9 - TB	E1800 - SK	E1800, E2000
Engine Size	2.2L DOHC 16V	2.4L DOHC 16V	2.2L DOHC 16V	2.3L DOHC 16V	2.5L DOHC 16V	3.8L DOHC 24V	1.8L SOHC 8V	1.8 / 2.0L SOHC 8V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2012 - 2014	2013 - 16	10/2009 - 2014	2006 - ON	10/2009 - 2014	2007 - ON	1979 - 4/84	4/84 - 88
Engine Code	SH-VPTS	PY	MZD-CD (R2AA)	MZR L3- VDT	MZR - L5	CA	F8	F8, FE
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT	BELT
Chassis / Eng Info	2191CC	2488CC		With - VVT	With - VVT	3726cc		
Nason / Optibelt Kits	Part			MZTK43		TBA	MZTK16	MZTK17
Timing Cover								
Water Pump			W8182	W8220	W8220	W8221	W895	W895
Fan Clutch								NFC19
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1				TC139	TC138		T807	T077 / N
Size				138L			106T X 19 RD	106T X 19 SQ
Timing Belt / Chain # 2				TC140	TC136			
Size				60L				
Hyd Tensioner								
Tensioner 1				CT42	CT39		NBT403 (-)	NBT403 (-)
Tensioner 2								
Tensioner 3								
Guide / Idler # 1				MCD22				
Guide / Idler # 2				MCD23				
Guide / Idler # 3				MCD24				
Guide / Idler # 4				MCD25				
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit							T088/113SK	T077SK-FOR
Camshaft Seal							NJ324#	NJ324#
Timing Cover Seal			NJ448#	OSS0021			NJ324#	NJ324#
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(-) 23mm WIDE BRG (-) 23mm WIDE BRG

- NOK SEAL AVAILABLE.

MAZDA				
Model		TRIBUTE - CU, CZ	TRIBUTE - YU	TRIBUTE - YU
Engine Size		2.3L DOHC 16V	2.0L DOHC 16V	3.0L DOHC 24V
Engine Type		4CYL - PETROL	4CYL - PETROL	V6 - PETROL
Year's		2005 - ON	2002 - 04	2001 - 08
Engine Code		L3	YF	AJ
Drive Type		CHAIN	BELT	CHAIN
Chassis / Eng Info		Without - VVT		2967cc
Nason / Optibelt Kits	Part			
No		MZTK34 (A)	MZTK22	MZTK42
Timing Cover				
Water Pump		W8220	W8181	W7048 (A)
Fan Clutch				
EGR COOLER				
Drive Align Tensioner				
Timing Belt / Chain # 1		TC138	T294	
Size		138 LINK	129T X 25.4	144L MORSE/CHAIN
Timing Belt / Chain # 2		TC54		
Size		54 LINK		
Hyd Tensioner				
Tensioner 1		CT39	NBT575	
Tensioner 2				
Tensioner 3				
Guide / Idler # 1		MCD14	NBT573	
Guide / Idler # 2				
Guide / Idler # 3				
Guide / Idler # 4				
Guide / Idler # 5				
Guide / Idler # 6				
Cam Gear				
Crank Gear				
Aux / Oil Pump Gear				
Bal Shaft Gear				
Gskt / Seal Kit			T294SK	
Camshaft Seal				
Timing Cover Seal		OSS0021	NJ242	
Aux / Balance Shaft Seal				
Oil Pump Shaft Seal				
NOTES	(A) With gears use MZTKG34			(A) HAS A DOME DISC IMPELLER. FOR FLAT DISC IMPELLER USE W8183
# - NOK SEAL AVAILABLE.				

[illegible][illegible]

(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) With Rocker Gskt & Seal Use METK1-RCS.
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(B) TO 7/2003. FROM
8/2003 USE W3130.

- NOK SEAL AVAILABLE.

MERCEDES								
Model	SPRINTER - 416CDi DTI / 115KW	SPRINTER - 418CDi MPFI / 135KW	SPRINTER - 419CDi MPFI / 135KW	SPRINTER -511CDi MPFI /110KW	SPRINTER -515CDi MPFI /110KW	SPRINTER -516CDi MPFI /120KW	SPRINTER - 518CDi MPFI / 135KW	SPRINTER -519CDi MPFI / 140KW
Engine Size	2.7L DOHC 20V	3.0L DOHC 24V	3.0L DOHC 24V	2.2L DOHC 16V	2.2L DOHC 16V	2.2L DOHC 16V	3.0L DOHC 24V	3.0L DOHC 24V
Engine Type	5CYL - DIESEL	V6 - DIESEL	V6 - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	V6 - DIESEL	V6 - DIESEL
Year's	2003 - 10/06	2008 - 1/10	2010 - 14	2010 - 14	2006 - 1/10	2010 - 14	2006 - 1/10	2010 - 14
Engine Code	OM612.981	OM642.992	OM642.992	OM646.985	OM646.984	OM651.984	OM642.992	OM642.992
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info								
Nason / Optibelt Kits Part No	METK1			METK1 (A)	METK1 (A)			
Timing Cover								
Water Pump	W3130	W3134	W6521	W6493	W6493		W3134	W3134
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size								
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES
(A) With Rocker Gskt & Seal Use METK1-RCS.
(A) With Rocker Gskt & Seal Use METK1-RCS.

- NOK SEAL AVAILABLE.

[illegible][illegible]

(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) With Rocker Gskt & Seal Use METK1-RCS.		(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) With Rocker Gskt & Seal Use METK1-RCS.
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Nason / Optibelt Kits Part No	METK1 (A)					METK1 (A)	METK1 (A)
Timing Cover							
Water Pump	W6410	W7065 (A)				W6493	W6493
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size							
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit							
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES	(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) TO ENG # 002353 THEN USE W7094	(A) With Rocker Gskt & Seal Use METK1-RCS.	(A) With Rocker Gskt & Seal Use METK1-RCS.
# - NOK SEAL AVAILABLE.				

MERCEDES		
Model	VITO - 115 Cdi CRD - 110KW	VITO - 120 Cdi DTI /150KW
Engine Size	2.2L DOHC 16V	3.0L DOHC 24V
Engine Type	4CYL - DIESEL	V6 - DIESEL
Year's	2004 - 11/06	2006 - 14
Engine Code	OM646.983	OM642.990
Drive Type	CHAIN	CHAIN
Chassis / Eng Info		
Nason / Optibelt Kits Part No	METK1 (A)	
Timing Cover		
Water Pump	W6493	W6521
Fan Clutch		
EGR COOLER		
Drive Align Tensioner		
Timing Belt / Chain # 1 Size		
Timing Belt / Chain # 2 Size		
Hyd Tensioner		
Tensioner 1		
Tensioner 2		
Tensioner 3		
Guide / Idler # 1		
Guide / Idler # 2		
Guide / Idler # 3		
Guide / Idler # 4		
Guide / Idler # 5		
Guide / Idler # 6		
Cam Gear		
Crank Gear		
Aux / Oil Pump Gear		
Bal Shaft Gear		
Gskt / Seal Kit		
Camshaft Seal		
Timing Cover Seal		
Aux / Balance Shaft Seal		
Oil Pump Shaft Seal		
NOTES	(A) With Rocker Gskt & Seal Use METK1-RCS.	
# - NOK SEAL AVAILABLE.		

MINI								
Model	EARLY MINI - A SERIES	COOPER S - R50 & R52	COOPER S - R52 & R53 Inc JCW	COOPER R55, R56 & R57	COOPER, S R55, R56 & R57	COOPER, S R55 To R59 JCW	COOPER R56 & R60	COOPER, S R58 To R60
Engine Size	848 TO 1275CC	1.6L SOHC 16V	1.6L SOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.8L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1960- 76	2001 - 07	2001 - 07	2007 - 11	2007 - 13	8/2008 - 14	2011 -14	2/2011 - 14
Engine Code	A SERIES	W10B16	W11B16	N12B16A	N14B16A	N14B16A	N16B16A	N18B16A
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	85kw		SUPERCHARGED		128KW (Turbo)		155KW(Turbo)	
Nason / Optibelt Kits Part No		MTKG1 (A)	MTKG1 (A)	MTK2	MTKG1 (A)	MTK3	MTK2	MTK2
Timing Cover								
Water Pump	W3709	W3710	W6492AH (B)	W6494	W6494	W6494	W6494	W6494
Fan Clutch								
EGR COOLER								
Drive Align Tensioner					39127	39127		
Timing Belt / Chain # 1 Size								
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES
(A) Includes all gears except VCT Gear.
(A) Includes all gears except VCT Gear. (B) TO 10/05
(A) Includes all gears except VCT Gear.

- NOK SEAL AVAILABLE.

MINI			
Model	COOPER D R56 & R60	COOPER D R56 & R60	COOPER R56
Engine Size	1.6L DOHC 16V	2.0L DOHC 16V	1.6L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	10/2010 - 14	10/2010 - 14	2007 - 9/10
Engine Code	N47C16A	N47C20A	DV6TED4
Drive Type	BELT	BELT	BELT
Chassis / Eng Info	CRD TURBO	CRD TURBO	TURBO
Nason / Optibelt Kits			
Part No	MTK4 (A)	MTK4 (A)	KT1390
Timing Cover			
Water Pump			
Fan Clutch			
EGR COOLER			
Drive Align Tensioner			
Timing Belt / Chain # 1			T1608N
Size			137T x 25
Timing Belt / Chain # 2			
Size			
Hyd Tensioner			
Tensioner 1			
Tensioner 2			
Tensioner 3			
Guide / Idler # 1			
Guide / Idler # 2			
Guide / Idler # 3			
Guide / Idler # 4			
Guide / Idler # 5			
Guide / Idler # 6			
Cam Gear			
Crank Gear			
Aux / Oil Pump Gear			
Bal Shaft Gear			
Gskt / Seal Kit			T1608SK
Camshaft Seal			
Timing Cover Seal			
Aux / Balance Shaft Seal			
Oil Pump Shaft Seal			
NOTES	(A) Injection Chain Kit - MTK4IK (A) Injection Chain Kit - MTK4IK		
# - NOK SEAL AVAILABLE.			

MITSUBISHI								
Model	3000GT - TURBO	380 - DB	ASX - AX	ASX - AX	ASX - XA	CANTER FB511	CANTER FB511	CANTER FE534, FE73B
Engine Size	3.0L DOHC 24V	3.8L SOHC 24V	1.8L DOHC 16V	2.3L DOHC 16V	2.0L DOHC 16V	2.8L SOHC 8V	2.8L SOHC 8V	3.0L DOHC 16V
Engine Type	V6 - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	1992 - 98	2005 - 08	7/2010 - 14	2013 - 16	7/2010 - 14	1998 - 2002	1998 - 2002	2002 - 07
Engine Code	6G72 - S4	6G75	4N13	4N14	4B11 (1998cc)	4M40	4M40	4M42
Drive Type	BELT	BELT	CHAIN	CHAIN	CHAIN	DOUBLE CHAIN	SINGLE CHAIN	CHAIN
Chassis / Eng Info			CRD TURBO	CRD TURBO	MIVEC			
Nason / Optibelt Kits Part No	MBTK52 / HT	MBTK16 / HT			MBTK51	*MBTK44 (A)	*MBTK43 (A)	MBTK46 (A)
Timing Cover								
Water Pump	W3093	W2041			W6038 / AH	W3115	W3115	W3136
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T195	T287 / N			NTC1200	3DR98HD	3SR98HD	3SR110HD
Size	257T X 31.8	195T X 32						
Timing Belt / Chain # 2								
Size								
Hyd Tensioner	NBTH2000	NBTH1080-OE						
Tensioner 1	NBT612	NBT612			CT64	CT66	CT66	CT67-OE
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	NBT613	NBT613			CCD20	CCD15	CCD15	CCD17
Guide / Idler # 2					CCD21	CCD16	CCD16	CCD18
Guide / Idler # 3					CCD22			
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear	MTG2							
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T195/253SK	T139/287SK						
Camshaft Seal	NA5002 x 4	NJ242 x 2						
Timing Cover Seal	NJ874#	NJ874#				OSS0017	OSS0017	OSS0017
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES						* NO SEAL IN KIT. (A) USE * NO SEAL IN KIT. (A) USE (A) MBTKG46 WITH MBTKG44 WITH GEARS. MBTKG43 WITH GEARS. GEARS.		
# - NOK SEAL AVAILABLE.								

- NOK SEAL AVAILABLE.

mitsubishi

Model	CHALLENGER - PA	CHALLENGER - PB	COLT - RA, RB	COLT - RB	COLT - RC, RD, RE	COLT - RC, RD, RE	COLT - RG, RZ	COLT - RG
Engine Size	3.0L SOHC 24V	2.5L DOHC 16V	1.4L SOHC 8V	1.6L SOHC 8V	1.4L SOHC 8V	1.6L SOHC 8V	1.5L DOHC 16V	1.5L DOHC 16V
Engine Type	V6 - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1998 - 07	2010 - 14	1981 - 82	1982 - 84	1982 - 90	1984 - 90	2004 - 10	2006 - 14
Engine Code	6G72	4D56Di-T	4G12B, 4G33	4G32	4G33	4G32	4G15/T - 1468cc	4A91 - 1499cc
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	CHAIN
Chassis / Eng Info		COMMON RAIL		W/O BAL SHAFT		W/O BAL SHAFT	MIVEC	MIVEC
Nason / Optibelt Kits Part No	MBTK14 / HT	MBTK35/HT	MBTK19	MBTK23	MBTK19	MBTK24WO	MBTK50	TBA
Timing Cover								
Water Pump	W2041	W6523	W877	W878	W878	W878	W3143	W3168
Fan Clutch	NFC16							
EGR COOLER								
Drive Align Tensioner	39245							
Timing Belt / Chain # 1	T259 / N	T1602	T073	T064	T073	T093	T1586	
Size	187T X 32	154T X 25.4	92T X 19 SQ	120T X 19 SQ	92T X 19 SQ	120T X 19 RD	140T X 22	
Timing Belt / Chain # 2		T724						
Size		99T X 19						
Hyd Tensioner	NBTH1080-OE	NBTH1074-OE					NBTH1077-OE	
Tensioner 1	NBT612	NBT608	NBT619	NBT667	NBT619	NBT667	NBT026	
Tensioner 2		NBT603						
Tensioner 3								
Guide / Idler # 1	NBT613	NBT609 x 2					NBT027	
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear	MTG2							
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T259SK		T041/073SK	T064SK	T041/073SK	T093SK	T1586SK	
Camshaft Seal	NJ242 x 2	NJ242 x 2	NJ242	NJ242	NJ242	NJ242	NJ242 x 2	
Timing Cover Seal	NJ874#	NJ005	NJ252 #	NJ005	NJ252 #	NJ005		
Aux / Balance Shaft Seal		NJ610#						
Oil Pump Shaft Seal		NJ255#		NJ255 #		NJ255 #		

NOTES

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

MITSUBISHI								
Model	CORDIA - AA	CORDIA - AA	CORDIA - AB, AC	CORDIA - AB, AC	CORDIA - AA, AB, AC	EXPRESS - SF	EXPRESS - SF, SG, SH	EXPRESS - SF, SG, SH
Engine Size	1.6L SOHC 8V	1.6L SOHC 8V	1.8L SOHC 8V	1.8L SOHC 8V	1.8L SOHC 8V	2.0L SOHC 8V	2.0L SOHC 8V	2.4L SOHC 8V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1982 - 83	1983 - 84	1984 - 86	1986 - 89	1983 - 89	1986 - 4/87	5/87 - 5/94~	1986 - 91
Engine Code	4G32	4G32	4G37	4G37	G62B-T	4G63	4G63	4G64
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	W/O BAL SHAFT	With BAL SHAFT						
Nason / Optibelt Kits Part No	MBTK24WO	MBTK25	MBTK28	MBTK29	MBTK29	MBTK6	MBTK25	MBTK8
Timing Cover								
Water Pump	W878	W878	W878	W878	W1027	W1023	W1023	W1023
Fan Clutch						NFC3	NFC3	NFC3
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T093	T089 / N	T158 / N	T158 / N	T158 / N	T158 / N	T158 / N	T124 / N
Size	120T X 19 RD	122T X 19 RD	122T X 19 RD	122T X 19 RD	122T X 19 RD	122T X 19 RD	122T X 19 RD	123T X 19 RD
Timing Belt / Chain # 2		T090 / N	T159 / N	T159 / N	T159 / N	T159 / N	T159 / N	T090 / N
Size		55T X 12.7 RD	55T X 12.7 RD	55T X 12.7 RD	55T X 12.7 RD	55T X 12.7 RD	55T X 12.7 RD	55T X 12.7 RD
Hyd Tensioner								
Tensioner 1	NBT667	NBT604	NBT667 (A)	NBT668 (A)	NBT668 (A)	NBT604 (A)	NBT604	NBT604 (A)
Tensioner 2								
Tensioner 3								
Guide / Idler # 1		NBT669	NBT602	NBT602	NBT602	NBT601 (B)	NBT669 (A)	NBT601 (B)
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T093SK	T089/158SK	T089/158SK	T089/158SK	T089/158SK	T089/158SK	T089/158SK	T124SK
Camshaft Seal	NJ242	NJ242	NJ242	NJ242	NJ242	NJ242	NJ242	NJ242
Timing Cover Seal	NJ005	NJ005	NJ005	NJ005	NJ005	NJ005	NJ005	NJ005
Aux / Balance Shaft Seal		NJ610#	NJ610#	NJ610#	NJ610#	NJ610#	NJ610#	NJ610#
Oil Pump Shaft Seal	NJ255 #	NJ255 #	NJ255 #	NJ255 #	NJ255 #	NJ255 #	NJ255 #	NJ255 #
NOTES			(A) REFER PHOTO	(A) REFER PHOTO	(A) REFER PHOTO	(A) 26MM WIDTH BRG. (B) WITH 60MM DIA BRG .	(A) WITH 60MM DIA BRG .	(A) 26MM WIDTH BRG. (B) 60MM DIA BRG.

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

MITSUBISHI								
Model	EXPRESS - SG, SH	EXPRESS - SF	EXPRESS - SG, SH, SJ	EXPRESS - SG, SH, SJ	EXPRESS - SJ	EXPRESS - SJ	EXPRESS - SJ, WA	EXPRESS - SJ
Engine Size	2.4L SOHC 8V	2.5L SOHC 8V	2.5L SOHC 8V	2.4L SOHC 8V/16V	2.0L SOHC 8V/16V	2.0L SOHC 16V	2.4L SOHC 16V	2.4L SOHC 16V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1991 - 4/92	1989 - 8/90	9/1990 - 03	5/92 - 5/94~	6/94 - 98	1994 - 06	6/1994 - 06	2/2006 - 14
Engine Code	4G64	4D56	4D56	4G64	4G63	4G63	4G64	4G64
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info				EFI	With Hyd Tensioner		MPFI	MPFI
Nason / Optibelt Kits Part No	MBTK37	MBTK36	MBTK40	MBTK34	MBTK12 / HT	MBTK10	MBTK12 / HT (A)	MBTK13
Timing Cover								
Water Pump	W1023	W1032	W1032	W1023	W1023	W3095	W3095	W3095
Fan Clutch	NFC3	NFC16	NFC16	NFC3	NFC3	NFC3	NFC3	NFC3
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T124 / N	T091 / N	T961	T229 / N	T232 / N	T158 / N	T232 / N (A)	T230 / N
Size	123T X 19 RD	163T X 25.4	163T X 25.4	123T X 19.1 RD	123T X 29 RD	122T X 19 RD	123T X 29 RD	124T X 29 RD
Timing Belt / Chain # 2	T090 / N	T092 / N	T724	T168 / N	T168 / N	T168 / N	T168 / N	T168 / N
Size	55T X 12.7 RD	83T X 19	99T X 19	65T X 12.7 RD	65T X 12.7 RD	65T X 12.7 RD	65T X 12.7 RD	65T X 12.7 RD
Hyd Tensioner					NBTH1090-OE		NBTH1090-OE	NBTH1090-OE
Tensioner 1	NBT604 (A)	NBT603	NBT603	NBT604 (A)	NBT623 (A)	NBT604 (A)	NBT623 (B)	NBT623 (B)
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	NBT669 (B)	NBT605	NBT605	NBT606 (B)	NBT 654	NBT606 (B)	NBT 654	NBT 654
Guide / Idler # 2					NBT606 (B)		NBT606 (C)	NBT606 (C)
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T124SK	T091/711SK	T961SK	T155/229SK	T230/232SK	T155/229SK	T230/232SK	T230/232SK
Camshaft Seal	NJ242	NJ242	NJ242	NJ242	NJ242	NJ242	NJ242	NJ242
Timing Cover Seal	NJ005	NJ005	NJ005	NJ005	NJ005	NJ005	NJ005	NJ005
Aux / Balance Shaft Seal	NJ610#	NJ610#	NJ610#	NJ610#	NJ610#	NJ610#	NJ610#	NJ610#
Oil Pump Shaft Seal	NJ255 #	NJ255 #	NJ255 #	NJ255 #	NJ655#	NJ255 #	NJ655#	NJ655#
NOTES	(A) 26MM WIDTH BRG. (B) 60MM DIA BRG.			(A) 26MM WIDTH BRG. (B) 55MM DIA BRG.	(A) 31MM WIDTH BRG. (B) 55MM DIA BRG.	(A) 26MM WIDTH BRG. (B) 55MM DIA BRG.	(A) FOR MODELS WITH A 124T BELT USE T230/N, MBTK13 & VKMA95024S.(B) 31MM WIDTH BRG.(C) 55MM DIA BRG.	

- NOK SEAL AVAILABLE.

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MITSUBISHI								
Model	FTO - IMPORT	GALANT GB, GC, GD	GALANT - HG, HH	GALANT - HG, HH, VR4	GALANT - HJ	GALANT - HJ	GRANDIS - BA	GTO - IMPORT
Engine Size	2.0L DOHC 24V	1.6L SOHC 8V	2.0L SOHC 8V	2.0L DOHC 16V	2.0L SOHC 16V	2.0L DOHC 24V	2.4L SOHC 16V	3.0L DOHC 24V
Engine Type	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	V6 - PETROL
Year's	1994 - 01	1972 - 78	1989 - 93	1989 - 93	1993 - 96	1993 - 96	2004 - 14	1990 - ON
Engine Code	6A12G	4G32	4G63	4G63T	4G63	6A12AG	4G69	6G72
Drive Type	BELT	CHAIN	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info							MIVEC	TURBO
Nason / Optibelt Kits Part No	MBTK33 / HT	MBTK1	MBTK9 (A)	MBTK15 / HT	MBTK12 / HT	MBTK33 / HT	MBTK49 / HT	MBTK52 / HT
Timing Cover								
Water Pump	W3007	W822	W3061	W3060	W3094	W3007	W1003	W3093
Fan Clutch			NFC3		NFC3			
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T954 (A)	3DR96	T155 / N	T167 / N	T232 / N	T954	T332 / N	T195
Size	226T X 30		122T X 24	153T X 29 RD	123T X 29 RD	226T X 30	122T X 20 RD	257T X 31.8
Timing Belt / Chain # 2			T159 / N (A)	T168 / N	T168 / N		T168 / N	
Size			55T X 12.7	65T X 12.7 RD	65T X 12.7 RD		65T X 12.7 RD	
Hyd Tensioner	NBTH1095-OE			NBTH1075-OE	NBTH1090-OE	NBTH1095-OE	NBTH1001-OE	NBTH2000
Tensioner 1	NBT650	CT63	NBT607 (B)	NBT623 (A)	NBT623 (A)	NBT650	NBT628	NBT612
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	NBT651	CCD6	NBT601 (C)	NBT 654	NBT 654	NBT651	NBT629 (B)	NBT613
Guide / Idler # 2		CCD7		NBT606 (B)	NBT606 (B)		NBT 655	
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear		MTG6						MTG2
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T954SK	NTCS08	T155/229SK	T167SK	T230/232SK	T954SK	T332SK	T195/253SK
Camshaft Seal			NJ242	NJ242 x 2	NJ242		NJ242	NA5002 x 4
Timing Cover Seal		NJ007 #	NJ005	NJ005	NJ005		NJ005	NJ874#
Aux / Balance Shaft Seal			NJ610#	NJ610#	NJ610#		NJ610#	
Oil Pump Shaft Seal			NJ255 #	NJ655#	NJ655#		NJ655#	
NOTES	(A) MIVEC ENGINE USE T987 232T X 30		(A) USE T168 FOR 65T X 12.7. Not In Kit. (B) 29MM WIDTH BRG (C) 60MM DIA BRG.	(A) 33.6MM WIDTH BRG. (B) 55MM DIA BRG.	(A) 31MM WIDTH BRG. (B) 55MM DIA BRG.		(B) 55MM DIA BRG	
# - NOK SEAL AVAILABLE.								

- NOK SEAL AVAILABLE.

MITSUBISHI								
Model	L200 - MA, MB. L300 - SA, SB	L200 - MC. L300 - SB, SC, SD, SE.	L200 MC, MD. L300 - SC, SD, SE	L200 - MB	L200 MC, MD	LANCER - CA	LANCER - CA.	LANCER - CB
Engine Size	1.6L SOHC 8V	1.6L SOHC 8V	1.8 / 2.0L SOHC 8V	2.0L SOHC 8V	2.3L SOHC 8V	1.5L SOHC 8V	1.5L SOHC 12V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1980 - 4/82	5/82 - 86	1981 - 87	1977 - 87	1983 - 87	1988 - 8/90	5/90 - 8/90	1990 - 92
Engine Code	4G32	G32B	4G62, 4G63	4G52	4D55	4G15	4G15	4G61
Drive Type	BELT	BELT	BELT	CHAIN	BELT	BELT	BELT	BELT
Chassis / Eng Info	W/O BAL SHAFT	W/O BAL SHAFT	With BAL SHAFT			CARBY	EFI	
Nason / Optibelt Kits Part No	MBTK23	MBTK24WO	MBTK6	MBTK2/4 (A)	MBTK36	HYTK8	MBTK20	MBTK27 / HT
Timing Cover								
Water Pump	W1014	W1014	W1023	W1009	W1032	W877	W877	W3020
Fan Clutch			NFC3		NFC16			
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T064	T093	T089 / N	3DR102	T091 / N	T128 / N	T191 / N	T165
Size	120T X 19 SQ	120T X 19 RD	122T X19 RD		163T X 25.4	92T X 19 RD	92T X 22	151T X 29
Timing Belt / Chain # 2			T090 / N	NTC1148 (B)	T092 / N			
Size			55T X 12.7 RD		83T X 19			
Hyd Tensioner								NBTH1075-OE
Tensioner 1	NBT667	NBT667	NBT604 (A)	CT65	NBT603	NBT619	NBT618	NBT623
Tensioner 2								
Tensioner 3								
Guide / Idler # 1			NBT601 (B)	CCD1	NBT605			NBT654
Guide / Idler # 2				CCD2				
Guide / Idler # 3				CCD3				
Guide / Idler # 4				CCD8				
Guide / Idler # 5				CCD10				
Guide / Idler # 6								
Cam Gear				MTG9				
Crank Gear				MTG11				
Aux / Oil Pump Gear				MTG17 & MTG22 X 2				
Bal Shaft Gear								
Gskt / Seal Kit	T064SK	T093SK	T089/158SK	NTCS09/27	T091/711SK	T128/191SK	T128/191SK	T165SK
Camshaft Seal	NJ242	NJ242	NJ242		NJ242	NJ242	NB699	NJ242 x 2
Timing Cover Seal	NJ005	NJ005	NJ005	NJ057 #	NJ005	NJ252 #	NJ252 #	NJ005
Aux / Balance Shaft Seal			NJ610#		NJ610#			NJ610#
Oil Pump Shaft Seal	NJ255 #	NJ255 #	NJ255 #		NJ255 #			NJ655#
NOTES			(A) 26MM WIDTH BRG. (B) 60MM DIA BRG.	(A) USE MBTKG2/4 FOR KIT W/GEARS OR MBTK2NBS WITH NO BAL/SHAFT. (B) Elimination kit use ELM2.				
# - NOK SEAL AVAILABLE.								

- NOK SEAL AVAILABLE.

MITSUBISHI								
Model	LANCER - CB.	LANCER - CC.	LANCER - CC	LANCER - CC Inc TURBO	LANCER - CE	LANCER - CE, CE-2	LANCER - CC	LANCER - CE, CE-2. HATCH, SEDAN
Engine Size	1.5L SOHC 12V	1.5L SOHC 12V	1.6L SOHC 16V	1.8L DOHC 16V	1.5L SOHC 12V	1.5L SOHC 12V	1.8L SOHC 16V	1.8L SOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	8/90 - 92	1992 - 96	1992 - 96	1992 - 96	1996 - 00	1998 - On	1992 - 7/96	7/1996 - On
Engine Code	4G15	4G15	4G92B	4G93	4G15	4G15B	4G93	4G93
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	EFI	EFI						
Nason / Optibelt Kits Part No	MBTK20	MBTK20	MBTK22	MBTK30 / HT (A)	MBTK20	MBTK21	MBTK45	MBTK31
Timing Cover								
Water Pump	W877	W877	W3092 (A)	W3092 (A)	W4020	W4020	W3092 (A)	W4022
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								39245
Timing Belt / Chain # 1	T191 / N	T191 / N	T889	T935 (B)	T191 / N	T289 / N	T201 / N	T288 / N
Size	92T X 22	92T X 22	117T X 29	156T X 29 RD	92T X 22	107T X 25.4	121T X 29	116T X 29
Timing Belt / Chain # 2				T168 / N				
Size				65T X 12.7 RD				
Hyd Tensioner				NBTH1031				
Tensioner 1	NBT618	NBT618	NBT656	NBT653	NBT618	NBT977	NBT656	NBT965
Tensioner 2								
Tensioner 3								
Guide / Idler # 1				NBT654			NBT611 (B)	NBT611 (A)
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T128/191SK	T128/191SK	T288/889SK	T935SK	T128/191SK	T289SK-MIT	T201SK	T288/889SK
Camshaft Seal	NB699	NB699	NJ242	NJ242 x 2	NB699	NJ242	NJ242	NJ242
Timing Cover Seal	NJ252 #	NJ252 #	NJ874#	NJ874#	NJ252 #	NJ252 # (A)	NJ874#	NJ874#
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES			(A) HAS A 6 BOLT HOLE BODY. FOR 4 BOLT HOLE BODY USE W4022.	(A) HAS A 6 BOLT HOLE BODY. FOR 4 BOLT HOLE BODY USE W4022. (B) USE T935R FOR RACE BELT.		(A) TO 8/02. AFTER 9/02 USE KIT WITH EXTRA SEAL.	(A) HAS A 6 BOLT HOLE BODY. FOR 4 BOLT HOLE BODY USE W4022. (B) DRIVE BELT PULLEY.	(A) DRIVE BELT PULLEY.
# - NOK SEAL AVAILABLE.								

- NOK SEAL AVAILABLE.

MITSUBISHI								
Model	LANCER - CE Wagon Only	LANCER CG, CH VRX	LANCER - CH VRX	LANCER - CJ VRX	LANCER - CJ VRX	LANCER EVO 1	LANCER EVO 2 & 3	LANCER EVO 4 5 & 6
Engine Size	1.8L SOHC 16V	2.0L SOHC 16V	2.4L SOHC 16V	2.0L DOHC 16V	2.4L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	7/1996 - 04	2002 ON	2005 - ON	2007 - 08	2008 - ON	1992 - 4/94	05/1994 - 97	1997 - 01
Engine Code	4G93	4G94	4G69	4B11 (1998cc)	4B12 (2359cc)	4G63T	4G63T	4G63T
Drive Type	BELT	BELT	BELT	CHAIN	CHAIN	BELT	BELT	BELT
Chassis / Eng Info			MIVEC	MIVEC	MIVEC	EVOLUTION	EVOLUTION	EVOLUTION
Nason / Optibelt Kits Part No	MBTK45	MBTK32	MBTK49 / HT	MBTK51	MBTK51	MBTK18	MBTK18	MBTK18
Timing Cover								
Water Pump	W3092	W4022	W1003	W6038 / AH	W6038 / AH	W3094	W3094	W1004
Fan Clutch								
EGR COOLER								
Drive Align Tensioner	39245	39245						
Timing Belt / Chain # 1	T201 / N	T201 / N	T332 / N	NTC1200	NTC1200	T167 / N	T167 / N	T167 / N
Size	121T X 29	121T X 29	122T X 20 RD			153T X 29 RD	153T X 29 RD	153T X 29 RD
Timing Belt / Chain # 2			T168 / N			T168 / N	T168 / N	T168 / N
Size			65T X 12.7 RD			65T X 12.7 RD	65T X 12.7 RD	65T X 12.7 RD
Hyd Tensioner			NBTH1001-OE			NBTH1075-OE	NBTH1090-OE	NBTH1076-OE (A)
Tensioner 1	NBT656	NBT965	NBT628	CT64	CT64	NBT623(A)	NBT623 (A)	NBT623 (B)
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	NBT611 (A)	NBT611 (A)	NBT629 (A)	CCD20	CCD20	NBT 654	NBT 654	NBT 654
Guide / Idler # 2			NBT655	CCD21	CCD21	NBT629	NBT629	NBT629
Guide / Idler # 3				CCD22	CCD22			
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T201SK	T201SK	T332SK			T167SK	T167SK	T167SK
Camshaft Seal	NJ242	NJ242	NJ242			NJ242 x 2	NJ242 x 2	NJ242 x 2
Timing Cover Seal	NJ874#	NJ874#	NJ005			NJ005	NJ005	NJ005
Aux / Balance Shaft Seal			NJ610#			NJ610#	NJ610#	NJ610#
Oil Pump Shaft Seal			NJ655#			NJ655#	NJ655#	NJ655#
NOTES	(A) DRIVE BELT PULLEY.	(A) DRIVE BELT PULLEY.	(A) 55MM DIA BRG			(A) 32.6MM WIDTH BRG.	(A) 33.6MM WIDTH BRG.	(A) OEM Tensioner only. (B) 33.6MM WIDTH BRG.

- NOK SEAL AVAILABLE.

NOTES	(B) 33.6MM WIDTH BRG.	(A) 32.6MM WIDTH BRG.	(A) 31MM WIDTH BRG. (B) 55MM DIA BRG.
# - NOK SEAL AVAILABLE.			

MITSUBISHI

Model	MAGNA TJ, TL	MAGNA TM, TN, TP.	MAGNA TR.	MAGNA TR	MAGNA TS.	MAGNA TS.	MAGNA TW.	MIRAGE - CE
Engine Size	3.5L SOHC 24V	2.6L SOHC 8V	2.6L SOHC 8V	3.0L SOHC 12V	2.6L SOHC 8V	3.0L SOHC 12V	3.5L SOHC 24V	1.5L SOHC 12V
Engine Type	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	V6 - PETROL	V6 - PETROL	4CYL - PETROL
Year's	2000 - 04	1985 - 91	1991 - 94	1993 - 94	1994 - 97	1994 - 97	2004 - 05	1996 - 05
Engine Code	6G74	4G54	4G54	6G72	4G54	6G72	6G74	4G15
Drive Type	BELT	CHAIN	CHAIN	BELT	CHAIN	BELT	BELT	BELT
Chassis / Eng Info				W/Out Hyd Tensioner		W/Out Hyd Tensioner		
Nason / Optibelt Kits Part No	MBTK16 / HT	MBTK2/4 (A)	MBTK2/4 (A)	MBTK41	MBTK2/4 (A)	MBTK41	MBTK16 / HT	MBTK21
Timing Cover		KC260 (B)	KC261		KC261			
Water Pump	W2041	W1025	W1025	W2040	W1025	W2040	W2041	W4020
Fan Clutch								
EGR COOLER								
Drive Align Tensioner				39245				
Timing Belt / Chain # 1	T287 / N	3DR102	3DR102	T139 / N	3DR102	T139 / N	T287 / N	T289 / N
Size	195T X 32			149T X 25.4		149T X 25.4	195T X 32	107T X 25.4
Timing Belt / Chain # 2		NTC1148 (C)	NTC1148 (B)		NTC1148 (B)			
Size								
Hyd Tensioner	NBTH1080-OE			NOT FITTED		NOT FITTED	NBTH1080-OE	
Tensioner 1	NBT612	CT65	CT602	NBT610	CT602	NBT610	NBT612	NBT977
Tensioner 2			CT603		CT603			
Tensioner 3								
Guide / Idler # 1	NBT613	CCD1	CCD1	NBT611 (A)	CCD1	NBT611 (A)	NBT613	
Guide / Idler # 2		CCD2	CCD2		CCD2			
Guide / Idler # 3		CCD3	CCD3		CCD3			
Guide / Idler # 4		CCD8	CCD10		CCD10			
Guide / Idler # 5		CCD10						
Guide / Idler # 6								
Cam Gear		MTG9	MTG9		MTG9			
Crank Gear	MTG2	MTG11	MTG11	MTG1	MTG11	MTG1	MTG2	
Aux / Oil Pump Gear		MTG17 & MTG22 X 2	MTG17 & MTG22 X 2		MTG17 & MTG22 X 2			
Bal Shaft Gear								
Gskt / Seal Kit	T139/287SK	NTCS09/27	NTCS09/27	T139/287SK	NTCS09/27	T139/287SK	T139/287SK	T289SK-MIT
Camshaft Seal	NJ242 x 2			NJ242 x 2		NJ242 x 2	NJ242 x 2	NJ242
Timing Cover Seal	NJ874#	NJ057 #	NJ057 #	NJ874#	NJ057 #	NJ874#	NJ874#	NJ252 # (A)
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES	(A) USE MBTKG2/4 FOR KIT W/GEARS OR MBTK2NBS WITH NO BAL/SHAFT. (C) Elimination kit use ELM2. (A) USE MBTKG2/4 FOR KIT W/GEARS . (B) To 1986 (C) Elimination kit use ELM2. (A) DRIVE BELT PULLEY. (A) USE MBTKG2/4 FOR KIT W/GEARS . (B) Elimination kit use ELM2. (A) DRIVE BELT PULLEY. (A) TO 8/02. AFTER 9/02 USE KIT # T289SK-MIT.							

- NOK SEAL AVAILABLE.

MITSUBISHI								
Model	MIRAGE - LA	NIMBUS - UA, UB	NIMBUS - UC	NIMBUS - UF	NIMBUS - UF	NIMBUS - UG	OUTLANDER - LS	OUTLANDER - ZE
Engine Size	1.2L DOHC 12V	1.8L SOHC 8V	2.0L SOHC 8V	2.4L SOHC 8/16V	2.4L SOHC 16V	2.4L SOHC 16V	2.3L DOHC 16V	2.4L SOHC 16V
Engine Type	3CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL
Year's	2013 - 14	1984 - 87	1987 - 91	1992 - 4/92	5/92 - 98	1998 - 04	2013 - ON	To 10/06
Engine Code	3A92	4G37	4G63	4G64-S4	4G64-S4	4G64-S4	4N14	4G64-S4
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	CHAIN	BELT
Chassis / Eng Info	With Hyd Tensioner					CRD TURBO		
Nason / Optibelt Kits Part No		MBTK29		MBTK38	MBTK13 / HT	MBTK12 / HT (C)		MBTK12 / HT
Timing Cover								
Water Pump		W878	W1027	W3094	W3094	W7014	W6505	W1004
Fan Clutch			NFC3	NFC3	NFC3	NFC3		NFC3
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1		T158 / N	T158 / N	T204	T230 / N	T232 / N		T232 / N
Size		122T X19 RD	122T X19 RD	123T X 24 RD	124T X 29 RD	123T X 29 RD		123T X 29 RD
Timing Belt / Chain # 2		T159 / N	T168 / N	T159 / N	T168 / N	T168 / N		T168 / N
Size		55T X 12.7 RD	65T X 12.7 RD	55T X 12.7 RD	65T X 12.7 RD	65T X 12.7 RD		65T X 12.7 RD
Hyd Tensioner					NBTH1090-OE	NBTH1090-OE		NBTH1001-OE
Tensioner 1		NBT668 (A)	NBT604 (A)	NBT607 (A)	NBT623 (A)	NBT623 (A)		NBT623 (B)
Tensioner 2								
Tensioner 3								
Guide / Idler # 1		NBT602	NBT606 (B)	NBT601 (B)	NBT 654	NBT 654		NBT 654
Guide / Idler # 2					NBT606 (B)	NBT023 (B)		NBT606 (C)
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit		T089/158SK	T155/229SK	T204SK	T230/232SK	T230/232SK		T230/232SK
Camshaft Seal		NJ242	NJ242	NJ242	NJ242	NJ242		NJ242
Timing Cover Seal		NJ005	NJ005	NJ005	NJ005	NJ005		NJ005
Aux / Balance Shaft Seal		NJ610#	NJ610#	NJ610#	NJ610#	NJ610#		NJ610#
Oil Pump Shaft Seal		NJ255 #	NJ255 #	NJ255 # (C)	NJ655#	NJ655#		NJ655#
NOTES	(A) REFER PHOTO (A) 26MM WIDTH BRG. (B) 55MM DIA BRG. (A) 29MM WIDTH BRG. (B) 60MM DIA BRG. (C) SOME MODELS USE A NJ655# 20x30x7MM (A) 31MM WIDTH BRG. (B) 55MM DIA BRG. (A) 31MM WIDTH BRG. (B) 55MM DIA BRG. (C) If engine fitted with a 24mm wide timing belt use MBTK38 and components. (B) 31MM WIDTH BRG. (C) 55MM DIA BRG.							

- NOK SEAL AVAILABLE.

MITSUBISHI							
Model	OUTLANDER - ZF CU5W	OUTLANDER - ZG, ZH CW5W	OUTLANDER - ZG, ZH CW6W	OUTLANDER - ZJ GF7W	OUTLANDER - ZJ GF7W	OUTLANDER - ZJ GF7W	PAJERO iO - QA

Nason / Optibelt Kits Part No	MBTK49 / HT	MBTK51	MBTK17 / HT	TBA		TBA	MBTK48
Timing Cover							
Water Pump	W1003	W6038 / AH	W7015	W6038 /AH	W3003		W4020
Fan Clutch							
EGR COOLER							
Drive Align Tensioner		39053					
Timing Belt / Chain # 1	T332 / N		T339				T1353
Size	122T X 20 RD		179T X 20				109T X 25.4
Timing Belt / Chain # 2	T168 / N						
Size	65T X 12.7 RD						
Hyd Tensioner	NBTH1001-OE		NBTH007				
Tensioner 1	NBT628		NBT614				NBT620
Tensioner 2							
Tensioner 3							
Guide / Idler # 1	NBT629 (B)		NBT615				
Guide / Idler # 2	NBT655						
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T332SK						T1353SK
Camshaft Seal	NJ242		NJ242				NJ242
Timing Cover Seal	NJ005		NK180				NJ252 #
Aux / Balance Shaft Seal	NJ610#						
Oil Pump Shaft Seal	NJ655#						

NOTES	(B) 55MM DIA BRG
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Model	PAJERO iO - QA	PAJERO iO - QA	PAJERO - NA, NB, NC.	PAJERO - NA, NB, NC, ND, NE, NF	PAJERO - ND, NE, NF, NG, NH	PAJERO - NF	PAJERO - NG
Engine Size	1.8L SOHC 16V	2.0L SOHC 16V	2.3L SOHC 8V	2.6L SOHC 8V	2.5L SOHC 8V	3.0L SOHC 12V	2.6L SOHC 8V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	V6 - PETROL	4CYL - PETROL
Year's	1999 - 02	2001 - 02	1983 - 87	1983 - 89	1986 - 94	1988 - 89	1989 - 91
Engine Code	4G93	4G94	4D55 T	4G54	4D56	6G72	4G54
Drive Type	BELT	BELT	BELT	CHAIN	BELT	BELT	CHAIN
Chassis / Eng Info	W/Out Hyd Tensioner						
Nason / Optibelt Kits Part No	MBTK45	MBTK32	MBTK39	MBTK2/4 (A)	MBTK36	MBTK41	MBTK2/4 (A)
Timing Cover							
Water Pump	W4022	W4022	W1032	W1009	W1032	W2040	W1009
Fan Clutch			NFC16	NFC13	NFC16	NFC16	NFC13
EGR COOLER							
Drive Align Tensioner						39245	
Timing Belt / Chain # 1	T288 / N	T201 / N	T711	3DR102	T091 / N	T139 / N	3DR102
Size	116T X 29	121T X 29	163T X 25.4		163T X 25.4	149T X 25.4	
Timing Belt / Chain # 2			T092 / N	NTC1148 (B)	T092 / N		NTC1148 (B)
Size			83T X 19		83T X 19		
Hyd Tensioner						NOT FITTED	
Tensioner 1	NBT965	NBT965	NBT603	CT65	NBT603	NBT610	CT65
Tensioner 2							
Tensioner 3							
Guide / Idler # 1			NBT605	CCD1	NBT605	NBT611 (A)	CCD1
Guide / Idler # 2				CCD2			CCD2
Guide / Idler # 3				CCD3			CCD3
Guide / Idler # 4				CCD8			CCD8
Guide / Idler # 5				CCD10			CCD10
Guide / Idler # 6							
Cam Gear				MTG9			MTG9
Crank Gear				MTG11		MTG1	MTG11
Aux / Oil Pump Gear				MTG17 & MTG22 X 2			MTG17 & MTG22 X 2
Bal Shaft Gear							
Gskt / Seal Kit	T288/889SK	T201SK	T091/711SK	NTCS09/27	T091/711SK	T139/287SK	NTCS09/27
Camshaft Seal	NJ242	NJ242	NJ242		NJ242	NJ242 x 2	
Timing Cover Seal	NJ874#	NJ874#	NJ005	NJ057 #	NJ005	NJ874#	NJ057 #
Aux / Balance Shaft Seal			NJ610#		NJ610#		
Oil Pump Shaft Seal			NJ255 #		NJ255 #		
NOTES	(A) USE MBTKG2/4 FOR KIT W/GEARS OR MBTK2NBS WITH NO BAL/SHAFT. (B) Elimination kit use ELM2. (A) DRIVE BELT PULLEY. (A) USE MBTKG2/4 FOR KIT W/GEARS OR MBTK2NBS WITH NO BAL/SHAFT. (B) Elimination kit use ELM2.						

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Model	PAJERO - NG, NH	PAJERO - NH	PAJERO - NJ, NK, NL, NM	PAJERO - NJ, NK, NL, NM	PAJERO - NJ, NK.	PAJERO NJ, NK	PAJERO, NL
Engine Size	3.0L SOHC 12V	2.6L SOHC 8V	2.8L SOHC 8V	2.8L SOHC 8V	3.0L SOHC 12V	3.5L DOHC 24V	3.5L SOHC 24V
Engine Type	V6 - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	V6 - PETROL	V6 - PETROL	V6 - PETROL
Year's	1989 - 93	1991 - ON	1993 - 2003	1993 - 2003	1993 - 97	1993 - 97	1996 - 4/00
Engine Code	6G72	4G54	4M40 & 4M40T	4M40 & 4M40T	6G72	6G74	6G74
Drive Type	BELT	CHAIN	DOUBLE CHAIN	SINGLE CHAIN	BELT	BELT	BELT
Chassis / Eng Info	W/Out Hyd Tensioner		W/Out Hyd Tensioner				
Nason / Optibelt Kits Part No	MBTK41	MBTK2/4 (A)	*MBTK44 (A)	*MBTK43 (A)	MBTK41	MBTK42 / HT	MBTK16 / HT
Timing Cover							
Water Pump	W2040	W1009	W3115	W3115	W2040	W3116	W2041
Fan Clutch	NFC16	NFC13			NFC16		NFC16
EGR COOLER							
Drive Align Tensioner	39245				39245	39245	38206N
Timing Belt / Chain # 1	T139 / N	3DR102	3DR98HD	3SR98HD	T139 / N	T253 / N	T287 / N
Size	149T X 25.4				149T X 25.4	265T X 32	195T X 32
Timing Belt / Chain # 2		NTC1148 (B)					
Size							
Hyd Tensioner	NOT FITTED				NOT FITTED	NBTH2000	NBTH1080-OE
Tensioner 1	NBT610	CT602	CT66	CT66	NBT610	NBT612	NBT612
Tensioner 2		CT603					
Tensioner 3							
Guide / Idler # 1	NBT611 (A)	CCD1	CCD15	CCD15	NBT611 (A)	NBT613	NBT613
Guide / Idler # 2		CCD2	CCD16	CCD16		NBT611 (A)	NBT611 (A)
Guide / Idler # 3		CCD3					
Guide / Idler # 4		CCD10					
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear		MTG9					
Crank Gear	MTG1	MTG11			MTG1	MTG2	MTG2
Aux / Oil Pump Gear		MTG17 & MTG22 X 2					
Bal Shaft Gear							
Gskt / Seal Kit	T139/287SK	NTCS09/27			T139/287SK	T195/253SK	T139/287SK
Camshaft Seal	NJ242 x 2				NJ242 x 2	NA5002 x 4	NJ242 x 2
Timing Cover Seal	NJ874#	NJ057 #	OSS0016 (B), (C)	OSS0016 (B), (C)	NJ874#	NJ874#	NJ874#
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES	(A) DRIVE BELT PULLEY.	(A) USE MBTKG2/4 FOR KIT W/GEARS . (B) Elimination kit use ELM2.	* NO SEAL IN KIT. (A) USE MBTKG44 WITH GEARS..(B) AXIAL SEALS. (C) FROM 10/96 USE AOSS0017 - 50x74x11 & AOSS0019 - 94.5x114x12	* NO SEAL IN KIT. (A) USE MBTKG43 WITH GEARS..(B) AXIAL SEALS. (C) FROM 10/96 USE AOSS0017 - 50x74x11 & AOSS0019 - 94.5x114x12	(A) DRIVE BELT PULLEY.	(A) DRIVE BELT PULLEY.	(A) DRIVE BELT PULLEY.

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Model	PAJERO - NM, NP.	PAJERO NM, NP	PAJERO NP.	PAJERO - NS	PAJERO - NT, NW, NX 147KW	PAJERO NS, NT	SCORPION - GE	SIGMA - GE
Engine Size	3.2L DOHC 16V	3.5L SOHC 24V	3.8 L SOHC 24V	3.2L DOHC 16V	3.2L DOHC 16V	3.8 L SOHC 24V	2.0L SOHC 8V	2.0/2.6L SOHC 8V
Engine Type	4CYL - DIESEL	V6 - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2002 - 9/06	5/00 - 06	2003 - 06	2006 - 2010	2009 - ON	2006 ON	1978 - 80	1978 - 91
Engine Code	4M41 T	6G74	6G75	4M41 T	4M41 T	6G75	4G52	4G52 / 54
Drive Type	CHAIN	BELT	BELT	CHAIN	CHAIN	BELT	CHAIN	CHAIN
Chassis / Eng Info	COMMON RAIL							
Nason / Optibelt Kits Part No	MBTK46 (A)	MBTK5 / HT	MBTK5 / HT			MBTK5 / HT	MBTK2/4 (A)	MBTK2/4 (A)
Timing Cover								
Water Pump	W3115	W3096	W3096	W3136		W3096	W1009	W1009
Fan Clutch							NFC13	NFC13
EGR COOLER								
Drive Align Tensioner		38206N	38206N			38206N		
Timing Belt / Chain # 1 Size	3SR110HD	T320 / N 201T X 32	T320 / N 201T X 32			T320 / N 201T X 32	3DR102	3DR102
Timing Belt / Chain # 2 Size							NTC1148 (B)	NTC1148 (B)
Hyd Tensioner		NBTH005-OE	NBTH005-OE			NBTH005-OE		
Tensioner 1	CT67-OE	NBT612	NBT612			NBT612	CT65	
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	CCD17	NBT613	NBT613			NBT613	CCD1	CCD1
Guide / Idler # 2	CCD18						CCD2	CCD2
Guide / Idler # 3							CCD3	CCD3
Guide / Idler # 4							CCD8	CCD8
Guide / Idler # 5							CCD10	CCD10
Guide / Idler # 6								
Cam Gear							MTG9	MTG9
Crank Gear		MTG2					MTG11	MTG11
Aux / Oil Pump Gear							MTG17 & MTG22 X 2	MTG17 & MTG22 X 2
Bal Shaft Gear								
Gskt / Seal Kit		T320SK	T320SK			T320SK	NTCS09/27	NTCS09/27
Camshaft Seal		NJ242 x 2	NJ242 x 2			NJ242 x 2		
Timing Cover Seal	OSS0017	NJ874#	NJ874#	OSS0017	OSS0017	NJ874#	NJ057 #	NJ057 #
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES	(A) USE MBTKG46 WITH GEARs..						(A) USE MBTKG2/4 FOR KIT W/GEARS OR MBTK2NBS WITH NO BAL/SHAFT. (B) Elimination kit use ELM2.	(A) USE MBTKG2/4 FOR KIT W/GEARS OR MBTK2NBS WITH NO BAL/SHAFT. (B) Elimination kit use ELM2.

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MITSUBISHI								
Model	SIGMA - GH	STARION - JA, JB, JD	STARWAGON - SF, SG, SH, SJ	STARWAGON - SF, SG, SH	STARWAGON - SJ	STARWAGON - SH	STARWAGON - WA	STARWAGON - WA
Engine Size	1.6L SOHC 8V	2.0L SOHC 8V	2.0L SOHC 8V	2.4L SOHC 8V	2.0L SOHC 8V	2.4L SOHC 8V	2.0L SOHC 16V	2.4L SOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1978 - 81	1982 - 87	1987 - 97	1986 - 4/92	1997 - 01	5/92 - 94	1994 - 05	1994 - 05
Engine Code	4G32	4G63 T	4G63 (Carby)	4G64	4G63 (MPFI)	4G64	4G63	4G64 - S4
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	With BAL SHAFT		* 55T B/SHAFT BELT		* 65T B/SHAFT BELT		* 65T B/SHAFT BELT	W/O HYD TENSIONER
Nason / Optibelt Kits Part No	MBTK26	MBTK6	MBTK25	MBTK8	MBTK12 / HT	MBTK34	MBTK12 / HT	MBTK34
Timing Cover								
Water Pump	W1014	W1023	W1023	W3095	W3095	W1023	W3095	W3095
Fan Clutch			NFC3	NFC3	NFC3	NFC3	NFC3	NFC3
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T013 / N	T089 / N	T089 / N	T124 / N	T232 / N	T229 / N	T232 / N	T229 / N
Size	122T X 19 SQ	122T X 19 RD	122T X 19 RD	123T X 19	123T X 29 RD	123T X 19.1	123T X 29 RD	123T X 19.1
Timing Belt / Chain # 2	T062	T090 / N	T090 / N	T090 / N	T168 / N	T168 / N	T168 / N	T168 / N
Size	55T X 12.7 SQ	55T X 12.7 RD	55T X 12.7 RD	55T X 12.7	65T X 12.7 RD	65T X 12.7 RD	65T X 12.7 RD	65T X 12.7 RD
Hyd Tensioner					NBTH1090-OE		NBTH1090-OE	NOT FITTED
Tensioner 1	NBT667	NBT604 (A)	NBT604	NBT604 (A)	NBT623 (A)	NBT604 (A)	NBT623 (A)	NBT604 (A)
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	NBT602	NBT601 (B)	NBT669 (A)	NBT601 (B)	NBT 654	NBT606 (B)	NBT 654	NBT606 (B)
Guide / Idler # 2					NBT606 (B)		NBT606 (B)	
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T013SK - MIT	T089/158SK	T089/158SK	T124SK	T230/232SK	T155/229SK	T230/232SK	T155/229SK
Camshaft Seal	NJ242	NJ242	NJ242	NJ242	NJ242	NJ242	NJ242	NJ242
Timing Cover Seal	NJ005	NJ005	NJ005	NJ005	NJ005	NJ005	NJ005	NJ005
Aux / Balance Shaft Seal	NJ373	NJ610#	NJ610#	NJ610#	NJ610#	NJ610#	NJ610#	NJ610#
Oil Pump Shaft Seal	NJ255 #	NJ255 #	NJ255 #	NJ255 #	NJ655#	NJ255 #	NJ655#	NJ255 #
NOTES		(A) 26MM WIDTH BRG. (B) 60MM DIA BRG .	(A) 60MM DIA BRG.	(A) 26MM WIDTH BRG. (B) 60MM DIA BRG .	(A) 31MM WIDTH BRG. (B) 55MM DIA BRG.	(A) 26MM WIDTH BRG. (B) 55MM DIA BRG.	(A) 31MM WIDTH BRG. (B) 55MM DIA BRG.	(A) 26MM WIDTH BRG. (B#) 55MM DIA BRG.

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MITSUBISHI	
Model	STARWAGON - WA
Engine Size	2.4L SOHC 16V
Engine Type	4CYL - PETROL
Year's	1994 - 05
Engine Code	4G64 - S4
Drive Type	BELT
Chassis / Eng Info	WITH HYD TENSIONER
Nason / Optibelt Kits	
Part No	MBTK13 / HT
Timing Cover	
Water Pump	W3095
Fan Clutch	NFC3
EGR COOLER	
Drive Align Tensioner	
Timing Belt / Chain # 1	T230 / N
Size	124T X 29
Timing Belt / Chain # 2	T168 / N
Size	65T X 12.7 RD
Hyd Tensioner	NBTH1090-OE
Tensioner 1	NBT623 (A)
Tensioner 2	
Tensioner 3	
Guide / Idler # 1	NBT 654
Guide / Idler # 2	NBT606 (B)
Guide / Idler # 3	
Guide / Idler # 4	
Guide / Idler # 5	
Guide / Idler # 6	
Cam Gear	
Crank Gear	
Aux / Oil Pump Gear	
Bal Shaft Gear	
Gskt / Seal Kit	T230/232SK
Camshaft Seal	NJ242
Timing Cover Seal	NJ005
Aux / Balance Shaft Seal	NJ610#
Oil Pump Shaft Seal	NJ655#
NOTES	(A) 31MM WIDTH BRG. (B) 55MM DIA BRG.
# - NOK SEAL AVAILABLE.	

NISSAN								
Model	120Y, 1200 - B110	180B	180SX - RS13	180SX - S13	200B	200SX - S14, S15	240C,K,Z	260C,Z
Engine Size	1.2 L OHV 8V	1.8L SOHC 1.8L	2.0L DOHC 16V	1.8L DOHC 16V	2.0L SOHC 8V	2.0L DOHC 16V	2.4L SOHC 12V	2.6L SOHC 12V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	6CYL - PETROL	6CYL - PETROL
Year's	1970 - 85	1967 - 83	1991 - 98	1988 - 91	1977 - 85	1994 - 03	1971 ON	1973 - 78
Engine Code	A12	L18	SR20DE/T	CA18DE/T	L20B	SR20DE/T	L24/E	L26
Drive Type	CHAIN	CHAIN	CHAIN	BELT	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	NON VCT				NON VCT			
Nason / Optibelt Kits Part No	NTK8	NTK1	NTK17	NTK9	NTK2	NTK17	NTK3 (A)	NTK3 (A)
Timing Cover								
Water Pump	W788 (A)	W752 (A)	W3178 (A)	W889	W752 (A)	W3178 (A)	W754	W754
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	3DR54	3DR110	3SR124HD	T137 151T X 19	3DR114	3SR124HD	3DR110	3DR110
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1	CT21	CT23	CT29	NBT230	CT23	CT29	CT25	CT25
Tensioner 2								
Tensioner 3								
Guide / Idler # 1		NCD1	NCD26	NBT103	NCD1	NCD26	NCD1	NCD1
Guide / Idler # 2		NCD2	NCD27		NCD2	NCD27	NCD2	NCD2
Guide / Idler # 3			NCD28			NCD28		
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear	NTG2	NTG7			NTG7		NTG7	NTG7
Crank Gear	NTG1	NTG17			NTG17		NTG17	NTG17
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	NTCS01	NTCS02		T137SK	NTCS03		NTCS02	NTCS02
Camshaft Seal				NJ765# x 2				
Timing Cover Seal	NJ022 #	NJ045 #	NK106#	NJ765#	NJ045 #	NK106#	NJ045 #	NJ045 #
Aux / Balance Shaft Seal								
Oil Pump Shft Sel								
NOTES	(A) W/O FAN CLUTCH. FOR ENGINES WITH FAN CLUTCH USE W3011.	(A) W/O AIR. FOR ENGINES WITH A/C USE W845.	(A) HAS 6 BOLT HOLE BODY. FOR TURBO ENGINES WITH 7 BOLT HOLES USE W3097.		(A) W/O AIR. FOR ENGINES WITH A/C USE W845.	(A) HAS 6 BOLT HOLE BODY. FOR TURBO ENGINES WITH 7 BOLT HOLES USE W3097.	(A) NTKG3 - Inc Gears	(A) NTKG3 - Inc Gears

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NISSAN								
Model	280C, ZX	300C, 300ZX - Z31	300ZX - Z32	350Z - Z33	350Z - Z33	370Z - Z34	521, 620 PICK UP	720 PICKUP
Engine Size	2.8L SOHC 12V	3. 0 L SOHC 12V	3. 0 L DOHC 24V	3.5L DOHC 24V	3.5L DOHC 24V	3.7L DOHC 24V	1.5L OHV 8V	1.8L SOHC 1.8L
Engine Type	6CYL - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1978 - 82	1984 - 89	1989 - 97	2002 - 07	2007- 09	2009- 14	1972 - 79	1980 - 85
Engine Code	L28	VG30/ ET	VG30DETT	VQ35DE	VQ35HR	VQ37VHR	J15	L18
Drive Type	CHAIN	BELT	BELT	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info								
Nason / Optibelt Kits Part No	NTK3 (A)	NTK26	NTK21 / HT	NTKG38				NTK1
Timing Cover								
Water Pump	W754	W2191	W3098	W3138	W3138	W3138	W837	W752 (A)
Fan Clutch		NFC17						
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	3DR110	T104 133T X 25.4 SQ	T180 228T X 31.75				3DR52	3DR110
Timing Belt / Chain # 2 Size								
Hyd Tensioner			NBTH1005					
Tensioner 1	CT25	NBT215	NBT235	CT206-OE			CT22	CT23
Tensioner 2				CT207-OE				
Tensioner 3				CT208-OE				
Guide / Idler # 1	NCD1		NBT236					NCD1
Guide / Idler # 2	NCD2		NBT237					NCD2
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear	NTG7						NTG4	NTG7
Crank Gear	NTG17						NTG3	NTG17
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	NTCS02	T104SK	T180SK				TC22	NTCS02
Camshaft Seal		NJ324 x 2	NJ765# x 4					
Timing Cover Seal	NJ045 #	NJ368	NJ765#	OSS0165			NJ050	NJ045 #
Aux / Balance Shaft Seal								
Oil Pump Shft Sel								

NISSAN								
Model	720 PICKUP	1000 - B10	1600, Inc STANZA	ALMERA ST. Ti	ALTIMA	BLUEBIRD - 910 SERIES 1 & 2	BLUEBIRD - 910 SERIES 3	BLUEBIRD - U13
Engine Size	2.2L SOHC 8V	1.0 L OHV 8V	1.6L SOHC 8V	1.5L DOHC 16V	2.5L DOHC 16V	2.0L SOHC 8V	2.0L SOHC 8V	2.4L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1981 - 86	1967 - 70	1967 - 83	8/2012 - 14	2013 - 16	1981 - 85	1983 - 89	1993 - 97
Engine Code	Z22	A10	L16	HR15DE	QR25DE	L20B	CA20	KA24DE
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT	DBL CHAIN
Chassis / Eng Info								
Nason / Optibelt Kits Part No	NTK5 (A)		NTK1		NTKG43	NTK2		NTK51
Timing Cover								
Water Pump	W754	W752	W752	W7004	W3141	W752 (A)	W889	W3099
Fan Clutch	NFC10						NFC10	
EGR COOLER								
Drive Align Tensioner					39219			
Timing Belt / Chain # 1 Size	3DR102	3DR54	3DR110		3SR164 164 Links	3DR114	T078 98T X 19	3DR48
Timing Belt / Chain # 2 Size					N/A 70 Links			3SR92HD
Hyd Tensioner								
Tensioner 1	CT23	CT21	CT23		CT20	CT23	NBT228	CT30
Tensioner 2								CT31
Tensioner 3								
Guide / Idler # 1	NCD7		NCD1		NCD24	NCD1		NCD30
Guide / Idler # 2	NCD8		NCD2		NCD29	NCD2		NCD31
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear	NTG7	NTG2	NTG7			NTG7		NTG22 x 2
Crank Gear	NTG17	NTG1	NTG17			NTG17		NTG21
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	NTCS03	NTCS01	NTCS02			NTCS03	T078SK	
Camshaft Seal							NJ324#	
Timing Cover Seal	NJ045 #	NJ022 #	NJ045 #			NJ045 #	NJ368	NK106#
Aux / Balance Shaft Seal								
Oil Pump Shft Sel								

NOTES
(A) USE NTKG5 WITH GEARS.
(A) W/O AIR. FOR ENGINES WITH A/C USE W845.

- NOK SEAL AVAILABLE.

NISSAN								
Model	CIVILIAN - W40, W41	CUBE - Z11	CUBE - Z11	DUALIS - J10	EXA - KN13	EXA - KN13	GAZELLE - S12	HOMER, T20, V20
Engine Size	4.2L OHV 12V	1.4L DOHC 16V	1.5L DOHC 16V	2.0L DOHC 16V	1.6L DOHC 16V	1.8L DOHC 16V	2.0L SOHC 8V	1.6L OHV 8V
Engine Type	6CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1991 - ON	2002 - 05	2005 - 07	2007 - ON	1986 - 91	1988 - 91	1983 - 89	1972 - 79
Engine Code	TD42	CR14DE	HR15DE	MR20DE	CA16DE	CA18DE	CA20E	J16
Drive Type	GEAR	CHAIN	CHAIN	CHAIN	BELT	BELT	BELT	CHAIN
Chassis / Eng Info								
Nason / Optibelt Kits Part No		NTK40		NTK31	NTK9			
Timing Cover								
Water Pump	W6056	W3160	W7004	W3167	W1170	W1170	W1170	W837
Fan Clutch	NFC31						NFC10	
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size					T137 151T X 19	T137 151T X 19	T078 98T X 19	3DR52
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1					NBT230	NBT230	NBT228	CT22
Tensioner 2								
Tensioner 3								
Guide / Idler # 1					NBT103	NBT103		
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear	NTG42							NTG4
Crank Gear	NTG41							NTG3
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit					T137SK	T137SK	T078SK	TC22
Camshaft Seal					NJ765# x 2	NJ765# x 2	NJ324#	
Timing Cover Seal	NJ831	NJ765#		NK106#	NJ765#	NJ765#	NJ368	NJ050
Aux / Balance Shaft Seal								
Oil Pump Shft Sel								

NOTES

- NOK SEAL AVAILABLE.

NISSAN							
Model	JUKE - F15	MAXIMA - A32, A33	MAXIMA - A31, J30	MAXIMA - A31, J30	MAXIMA - J31, J32	MAXIMA - J32	MICRA - K11
Engine Size	1.6L DOHC 16V	3.0 L DOHC 24V	3.0L SOHC 12V	3.0L SOHC 12V	3.5L DOHC 24V	2.5L DOHC 24V	1.3L DOHC 16V
Engine Type	4CYL - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	4CYL - PETROL
Year's	2012 - 16	1994 - 03	1990 - 6/93	6/93 - 94	2003 - 14	2009 - 14	1995 - 97
Engine Code	HR16DE	VQ30DE	VG30 E	VG30 E	VQ35DE	VQ25DE	CG13DE
Drive Type		CHAIN	BELT	BELT	CHAIN	CHAIN	CHAIN
Chassis / Eng Info							
Nason / Optibelt Kits Part No		NTKG36	NTK26	NTK29	NTKG38	TBA	NTK39
Timing Cover							
Water Pump		W3145	W3024	W3024	W3138	W3138	W3101
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size			T104 133T X 25.4 SQ	T249 / N 133T X 25.4 RD			3SR76HD
Timing Belt / Chain # 2 Size							3SR52HD
Hyd Tensioner							
Tensioner 1			NBT215	NBT215	CT206-OE		CT28
Tensioner 2					CT207-OE		CT32
Tensioner 3					CT208-OE		
Guide / Idler # 1							NCD13
Guide / Idler # 2							NCD14
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit			T104SK	T104SK			
Camshaft Seal			NJ324 x 2	NJ324 x 2			
Timing Cover Seal		OSS0165	NJ368	NJ765#	OSS0165		NJ765#
Aux / Balance Shaft Seal							
Oil Pump Shft Sel							

NOTES

- NOK SEAL AVAILABLE.

NISSAN

Model	MICRA - K12		MICRA - K13	MICRA - K13	MURANO - Z50, Z51	NAVARA - D21		NAVARA - D21
Engine Size	1.4L DOHC 16V		1.2L DOHC 12V	1.5L DOHC 16V	3.5L DOHC 24V	2.0L SOHC 8V		2.0L SOHC 8V
Engine Type	4CYL - PETROL		3CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL		4CYL - PETROL
Year's	2007 - ON		2010 - 14	2010 - 14	2005 - 10	1986 - 89		1986 - 93
Engine Code	CR14DE		HR12DE	HR15DE	VQ35DE	Z20		Z24
Drive Type	CHAIN		CHAIN	CHAIN	CHAIN	DOUBLE CHAIN		SINGLE CHAIN
Chassis / Eng Info								

Nason / Optibelt Kits Part No	NTK40			NTKG38	NTK5 (A)		NTK7 (A)
Timing Cover							
Water Pump	W3160	W7003	W7004	W3138	W752 (B)	W752 (A)	W752 (B)
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size					3DR102	3SR104	3SR106
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1				CT206-OE	CT23	CT23	CT23
Tensioner 2				CT207-OE			
Tensioner 3				CT208-OE			
Guide / Idler # 1					NCD7	NCD7	NCD9
Guide / Idler # 2					NCD8	NCD8	NCD10
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear					NTG7		NTG13
Crank Gear					NTG17		NTG12
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit					NTCS03	NTCS03	NTCS32
Camshaft Seal							
Timing Cover Seal	NJ765#			OSS0165	NJ045 #	NJ045 #	NJ045 #
Aux / Balance Shaft Seal							
Oil Pump Shft Sel							

NOTES

(A) USE NTKG5 WITH GEARS. (B) WITH A/C AND FAN CLUTCH USE W3058.

(A) WITH A/C AND FAN CLUTCH USE W3058.

(A) USE NTKG7 WITH
GEARS. (B) WITH A/C
USE W754 AND NFC10

- NOK SEAL AVAILABLE.

NISSAN

Model	NAVARA - D21	NAVARA - D21	NAVARA - D21	NAVARA - D21	NAVARA - D21	NAVARA - D22	NAVARA - D22
Engine Size	2.4L SOHC 8V	2.4L SOHC 12V	2.5L OHV 8V	3.0L SOHC 12V	3.0L SOHC 12V	2.4L SOHC 12V	2.4L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	V6 - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1986 - 93	1992 - 97	1985 - 92	1992 - 6/93	1992 - 97	1997 - 99	1999 - 01
Engine Code	Z24	KA24E	TD25	VG30 E	VG30E	KA24E	KA24DE
Drive Type	DOUBLE CHAIN	SINGLE CHAIN	GEAR	BELT	BELT	SINGLE CHAIN	DBL CHAIN
Chassis / Eng Info							

Nason / Optibelt Kits Part No	NTK19 (A)	NTK15		NTK26	NTK29	NTK15	NTK51
Timing Cover							
Water Pump	W752 (B)	W3118	W3028	W2191	W2191	W3118	W3099
Fan Clutch				NFC10	NFC10		
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	3DR106	3SR102HD		T104	T249 / N / N	3SR102HD	3DR48
Size				133T X 25.4 SQ	133T X 25.4 RD		
Timing Belt / Chain # 2							3SR92HD
Size							
Hyd Tensioner							
Tensioner 1	CT23	CT26		NBT215	NBT215	CT26	CT30
Tensioner 2							CT31
Tensioner 3							
Guide / Idler # 1	NCD9	NCD15				NCD15	NCD30
Guide / Idler # 2	NCD10	NCD16				NCD16	NCD31
Guide / Idler # 3							NCD32
Guide / Idler # 4							NCD33
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear		NTG20				NTG20	NTG22 x 2
Crank Gear		NTG21				NTG21	NTG21
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	NTCS32	NTCS38/40		T104SK	T104SK	NTCS38/40	
Camshaft Seal				NJ324 x 2	NJ324 x 2		
Timing Cover Seal	NJ045 #	NK106#		NJ368	NJ765#	NK106#	NK106#
Aux / Balance Shaft Seal							
Oil Pump Shft Sel							

NOTES	(A) USE NTKG19 WITH GEARS. (B) WITH A/C USE W754 AND NFC10
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- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

NISSAN							
Model	NAVARA - D22. 98KW	NAVARA - D22. Import Engines	NAVARA -D22	NAVARA - D22	NAVARA - D22	NAVARA - D22	NAVARA - D22
Engine Size	2.5L DOHC 16V	2.5L DOHC 16V	3.0L SOHC 12V	3.0L DOHC 16V	3.0L DOHC 16V	3.2L OHV 8V	3.3 L SOHC 12V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	V6 - PETROL
Year's	2/2008 - ON	2/2008 - 1/10	2001 - 04	2001 - 08	2008 - ON	1997 - 01	2003 - 08
Engine Code	YD25DDTi	YD25DDTi	VG30E	ZD30DDT	ZD30DDTi	QD32	VG33E
Drive Type	SGL & DBL CHAINS	2 x DBL CHAINS	COMMON RAIL				
Chassis / Eng Info	EB3 Head Casting						
Nason / Optibelt Kits Part No	NTKG33-OET	NTKG20-OET	NTK29	NTK48	NTK34		NTK29
Timing Cover	OPN-YD25-NBP	OPN-YD25-NBP					
Water Pump	W3140 (A)		W2191 (A)	W3031	W3173	W3119	W3120
Fan Clutch	NFC25	NFC25	NFC10				
EGR COOLER							
Drive Align Tensioner	39170	39170		38209N	38209N-CR		
Timing Belt / Chain # 1 Size	3DR92HD	3DR92HD	T249 / N 133T X 25.4 RD	3SR82ZD30	3SR82ZD30		T249 / N 133T X 25.4 RD
Timing Belt / Chain # 2 Size	3SR94HD	3DR94HD					
Hyd Tensioner							
Tensioner 1	CT92-OE	CT95-OE	NBT215	CT7	CT35		NBT215
Tensioner 2	CT96-OE	CT93-OE					
Tensioner 3							
Guide / Idler # 1	NCD40	NCD40		NCD11	NCD35		
Guide / Idler # 2	NCD41	NCD41		NCD12	NCD36		
Guide / Idler # 3	NCD42	NCD42					
Guide / Idler # 4	NCD43	NCD43					
Guide / Idler # 5	NCD44	NCD44					
Guide / Idler # 6	NCD45 & NCD46	NCD45 & NCD46D					
Cam Gear	NTG45 x 2	NTG45 x 2	NTG45 x 2		NTG18		
Crank Gear	NTG46	NTG46D		NTG15			
Aux / Oil Pump Gear	(B)	(A)		NTG10	NTG10 & NTG19		
Bal Shaft Gear	NTG47	NTG47D					
Gskt / Seal Kit			T104SK				T104SK
Camshaft Seal			NJ324 x 2				NJ324 x 2
Timing Cover Seal	OSS0340	OSS0340	NJ765#	OSS0187	OSS0187	NJ831	NJ765#
Aux / Balance Shaft Seal	OSS0340	OSS0340					
Oil Pump Shft Sel							

NOTES

(A) Round Hub. (B) Use Brake Vacuum Pump BVP14650s

(A) Use Brake Vacuum Pump BVP14650D

(A) SUITS RWD. FOR 4WD MODELS USE W3120.

- NOK SEAL AVAILABLE.

NISSAN							
Model	NOMAD - C22	NX COUPE - B13	PATHFINDER - R50	PATHFINDER - R51 Thailand / 128KW	PATHFINDER - R51 Thailand / 128KW	PATHFINDER - R51 Thailand / 128KW	PATHFINDER - R51 Import Engines
Engine Size	2.4L SOHC 8V	2.0L DOHC 16V	3.3 L SOHC 12V	2.5L DOHC 16V	2.5L DOHC 16V	2.5L DOHC 16V	2.5L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	1989 - 93	1991 - 95	1995 - 05	2005 - 8/2006	8/2006 - 1/2010	1/2010 - ON	2005 - 5/2010
Engine Code	Z24	SR20DE	VG33E	YD25DDTi	YD25DDTi	YD25DDTi	YD25DDTi
Drive Type	NON VCT			SGL & DBL CHAINS	SGL & DBL CHAINS	SGL & DBL CHAINS	2 x DBL CHAINS
Chassis / Eng Info				EB3 Head Casting	EB3 Head Casting	5XO / 1L Head Casting	
Nason / Optibelt Kits Part No				NTKG32-OET	NTKG33-OET	NTK35-OET	NTKG20-OET
Timing Cover				OPN-YD25-BP	OPN-YD25-BP		OPN-YD25-BP
Water Pump	W754 (B)	W3050	W7016	W3140 (A)	W3140 (A)	W3140 (A)	
Fan Clutch				NFC25	NFC25	NFC25	NFC25
EGR COOLER							
Drive Align Tensioner				39170	39170	39170	39170
Timing Belt / Chain # 1 Size	3DR106		T249 / N 133T X 25.4 RD	3DR92HD	3DR92HD	3DR92HD	3DR92HD
Timing Belt / Chain # 2 Size				3SR94HD	3SR94HD	3SR94HD	3DR94HD
Hyd Tensioner							
Tensioner 1	CT23	CT29	NBT215	CT92-OE	CT94-OE	CT95-OE	CT95-OE
Tensioner 2				CT96-OE	CT96-OE	CT97-OE	CT93-OE
Tensioner 3							
Guide / Idler # 1	NCD9	NCD26		NCD40	NCD40	NCD40	NCD40
Guide / Idler # 2	NCD10	NCD27		NCD41	NCD41	NCD41	NCD41
Guide / Idler # 3		NCD28		NCD42	NCD42	NCD42	NCD42
Guide / Idler # 4				NCD43	NCD43	NCD43N	NCD43
Guide / Idler # 5				NCD44	NCD44	NCD44	NCD44
Guide / Idler # 6				NCD45 & NCD46	NCD45 & NCD46	NCD45N & NCD46N	NCD45 & NCD46D
Cam Gear				NTG45 x 2	NTG45 x 2	NTG45 x 2	NTG45 x 2
Crank Gear				NTG46	k	N/A	NTG46D
Aux / Oil Pump Gear				(B)	(B)	N/A	(A)
Bal Shaft Gear				NTG47	NTG47	N/A	NTG47D
Gskt / Seal Kit	NTCS32		T104SK				
Camshaft Seal			NJ324 x 2				
Timing Cover Seal	NJ045 #	NK106#	NJ765#	OSS0340	OSS0340	OSS0340	OSS0340
Aux / Balance Shaft Seal				OSS0340	OSS0340	OSS0340	OSS0340
Oil Pump Shft Sel							
NOTES	(A) USE NTKG19 WITH GEARS. (B) WITH EFI USE W3030 AND NFC10			(A) Clover Hub. (B) Use Brake Vacuum Pump BVP14650s	(A) Clover Hub. (B) Use Brake Vacuum Pump BVP14650s	(A) Clover Hub.	(A) Use Brake Vacuum Pump BVP14650D

- NOK SEAL AVAILABLE.

NISSAN								
Model	PATHFINDER - R51	PATHFINDER - R51	PATHFINDER - R52	PATHFINDER - WD21	PATHFINDER - WD21	PATHFINDER - WD21	PATHFINDER - WD21	PATROL - 160
Engine Size	3.0L DOHC 24V	4.0L DOHC 24V	3.5L DOHC 24V	2.4L SOHC 8V	2.4L SOHC 8V	3.0L SOHC 12V	3.0 L SOHC 12V	4.0 L OHV 12V
Engine Type	V6 - DIESEL	V6 - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	V6 - PETROL	6CYL - PETROL
Year's	2011 - 14	2005 - 07	2013 - 16	1986 - 89	1989 - 93	1992 - 6/93	6/1993 - 95	1980 - 87
Engine Code	V9X	VQ40	VQ35DE	Z24	Z24	VG30E	VG30E	P40
Drive Type		CHAIN	CHAIN	DOUBLE CHAIN	SINGLE CHAIN	BELT	BELT	CHAIN
Chassis / Eng Info	(Renault Eng)							
Nason / Optibelt Kits Part No			NTKG38	NTK19	NTK7	NTK26	NTK29	
Timing Cover								
Water Pump	W3125	W3138	W3138	W754	W754	W3120	W3120	W4021
Fan Clutch						NFC17	NFFC17	
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size				3DR106	3SR106	T104 133T X 25.4 SQ	T249 / N / N 133T X 25.4 RD	3DR62
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1			CT206-OE	CT23	CT23	NBT215	NBT215	CT29
Tensioner 2			CT207-OE					
Tensioner 3			CT208-OE					
Guide / Idler # 1				NCD9	NCD9			
Guide / Idler # 2				NCD10	NCD10			
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear					NTG13			NTG34
Crank Gear					NTG12			NTG35
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit				NTCS32	NTCS32	T104SK	T104SK	
Camshaft Seal						NJ324 x 2	NJ324 x 2	
Timing Cover Seal				NJ045 #	NJ045 #	NJ368	NJ765#	NJ239 #
Aux / Balance Shaft Seal								
Oil Pump Shft Sel								

NOTES

- NOK SEAL AVAILABLE.

NISSAN							
Model	PATROL - 160	PATROL - TY61	PATROL - GQ, TY61	PATROL - Y60	PATROL - Y60	PATROL - Y60	PATROL - GQ, Y60
Engine Size	2.8L SOHC 12V	3.0L DOHC 16V	4.2L OHV 12V	2.8L SOHC 12V	2.8L SOHC 12V	3.0L SOHC 12V	4.2L OHV 12V
Engine Type	6CYL - PETROL	4CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL	6CYL - DIESEL	6CYL - PETROL	6CYL - DIESEL
Year's	1980 - 87	2007 - ON	1999 - 08	1994 - 7/95	8/95 ON	1990 - 97	1988 - 99
Engine Code	L28	ZD30DDTI	TD42/ T, TI	RD28/T	RD28/T	RB30	TD42/ T, TI
Drive Type	CHAIN	CHAIN	GEAR	BELT	BELT	BELT	GEAR
Chassis / Eng Info	Common Rail						
Nason / Optibelt Kits Part No	NTK3	NTK34		NTK30	NTK25	NTK12	
Timing Cover							
Water Pump	W754	W3173	W6056	W4024	W4024	W3142	W6056
Fan Clutch			NFC31				NFC31
EGR COOLER							
Drive Align Tensioner		38209N-CR					
Timing Belt / Chain # 1	3DR110	3SR82ZD30		T928 / N (*)	T1032 / N (*)	T175 / N	
Size				149T X 30	149T X 30	115T X 25.4	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1	CT25	CT35		NBT231	NBT231	NBT215	
Tensioner 2							
Tensioner 3							
Guide / Idler # 1	NCD1	NCD35		NBT232	NBT232		
Guide / Idler # 2	NCD2	NCD36					
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear	NTG7	NTG18	NTG42				NTG42
Crank Gear	NTG17		NTG41				NTG41
Aux / Oil Pump Gear		NTG10 & NTG19					
Bal Shaft Gear							
Gskt / Seal Kit	NTCS02				T1032SK	T175SK	
Camshaft Seal				NJ324	NJ324	NJ765#	
Timing Cover Seal	NJ045 #	OSS0187	NJ831	NJ765#	NJ765#	NJ765#	NJ831
Aux / Balance Shaft Seal							
Oil Pump Shft Sel							

NOTES
(*) T/TH = TOOTH HEIGHT 2.8MM
(*) T/TH = TOOTH HEIGHT 3.5MM

- NOK SEAL AVAILABLE.

4.2 L OHV 12V 6CYL - PETROL 1988 - 97 TB42E/S	2.8L SOHC 12V 6CYL - DIESEL 1997 - 00 RD28/T	3.0L DOHC 16V 4CYL - DIESEL 2000 - 07 ZD30DDT	3.0L DOHC 16V 4CYL - DIESEL 2007 - 09 ZD30DDTI	4.2L OHV 12V 6CYL - DIESEL 1997 - 07 TD42/ T, TI	4.5 L OHV 12V 6CYL - PETROL 1997 - 01 TB45E	4.8 L DOHC 24V 6CYL - PETROL 2001 - ON TB48DE
CHAIN	BELT	CHAIN	CHAIN	GEAR	CHAIN	CHAIN
Common Rail						

NTK46	NTK25	NTK48	NTK34		NTK41	NTK47
TCN001						
W5010	W4024	W3031	W3173	W6056 NFC31	W7028	W3162
		38209N	38209N-CR			
3DR74	T1032 / N (*) 149T X 30	3SR82ZD30	3SR82ZD30		3SR74HD	NTC7
OPDC-4245						
CT71 OPT4245	NBT231	CT7	CT35		CT72	CT74
NCD38 OPG4245	NBT232	NCD11 NCD12	NCD35 NCD36		NCD37	NCD47 NCD48 (A) NCD49
NTG44 NTG43			NTG18	NTG42 NTG41	NTG39 NTG38	
		NTG15 NTG10	NTG10 & NTG19			
	T1032SK NJ324					
NJ831	NJ765#	OSS0187	OSS0187	NJ831	NJ831	NJ831

(A) Cyl Head Guide.

(*) T/TH = TOOTH HEIGHT
3.5MM

(A) Cyl Head Guide.

NISSAN							
Model	PATROL - Y62	PINTARA - R31, U12	PINTARA - U12	PRAIRIE - M10	PULSAR - A10	PULSAR - B17	PULSAR - C12
Engine Size	5.6L DOHC 32V	2.0L SOHC 12V	2.4L SOHC 12V	1.5L SOHC 8V	1.4L OHV 8V	1.8L DOHC 16V	1.6L DOHC 16V
Engine Type	V8 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2013 - 14	1984 - 92	1989 - 92	1983 - 87	1979 - 81	2013 - ON	2013 - 16
Engine Code	VK56D	CA20E	KA24E	E15	A14	MRA8DE	MR16DDT
Drive Type	CHAIN	BELT	SINGLE CHAIN	BELT	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO						
Nason / Optibelt Kits Part No		NTK23	NTK15	NTK22	NTK8		
Timing Cover							
Water Pump		W889	W3022	W888	W788	W7003	
Fan Clutch		NFC10					
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size		T078 98T X 19	3SR102HD	T077 / N 106T X 19	3DR54		
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1		NBT228	CT26	NBT227	CT21		
Tensioner 2							
Tensioner 3							
Guide / Idler # 1			NCD15				
Guide / Idler # 2			NCD16				
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear			NTG20		NTG2		
Crank Gear			NTG21		NTG1		
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit		T078SK	NTCS38/40	T077SK	NTCS01		
Camshaft Seal		NJ324#		NB384			
Timing Cover Seal		NJ368	NK106#	NJ286#	NJ022 #		
Aux / Balance Shaft Seal							
Oil Pump Shft Sel				NJ951			

NOTES

- NOK SEAL AVAILABLE.

NISSAN							
Model	PULSAR - N16	PULSAR - N16	QASHQAI - J10	SERENA - C23	SILVIA	SKYLINE - R31, R32, R33, R34	SKYLINE - R32, R33, R34
Engine Size	1.6L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 24V	2.5L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	6CYL - PETROL	6CYL - PETROL
Year's	2000 - 03	2000 - 06	7/2009 - 14	1992 - 99	IMPORT	IMPORT	IMPORT
Engine Code	QG16DE	QG18DE	MR20DE	SR20DE	FJ20/T	RB20DET	RB25DET
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT	BELT
Chassis / Eng Info	WITH VCT	WITH VCT					
Nason / Optibelt Kits Part No	NTK44	NTK44	NTK31	NTK17	TBA	NTK27 (A)	NTK27 (A)
Timing Cover							
Water Pump	W8168	W8168	W3167	W3050		W900	W900
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size	TC1100	TC1100		3SR124HD		T1040R 141T X 25	T1040R 141T X 25
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1	CT51	CT51		CT29	CT21	NBT008	NBT008
Tensioner 2							
Tensioner 3							
Guide / Idler # 1	NCD22	NCD22		NCD26		NBT009	NBT009
Guide / Idler # 2	NCD23	NCD23		NCD27			
Guide / Idler # 3	NCD39	NCD39		NCD28			
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit						T1040SK	T1040SK
Camshaft Seal						NJ765# x 2	NJ765# x 2
Timing Cover Seal	NJ765#	NJ765#	NK106#	NK106#	NJ267	NJ765#	NJ765#
Aux / Balance Shaft Seal							
Oil Pump Shft Sel							

NOTES

(A) FOR STANDARD
BELT KIT USE NTK14
(A) FOR STANDARD
BELT KIT USE NTK14

- NOK SEAL AVAILABLE.

NISSAN							
Model	SKYLINE - R32, R33, R34	SKYLINE - WR31	SKYLINE	SKYLINE - 250GT	SKYLINE - 300GT	SKYLINE - 350GT V35	SKYLINE - 350GT V36
Engine Size	2.6L DOHC 24V	3.0L SOHC 12V	3.0L DOHC 24V	2.5L DOHC 24V	3.0L DOHC 24V	3.5L DOHC 24V	3.5L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL
Year's	IMPORT	1986 - 91	WITH RB25/26 HEAD	6/2001 - 07	6/2001 - 04	2002 - 9/07	2006 - 09
Engine Code	RB26DETT	RB30	RB30	VQ25DD	VQ30DD	VQ35DE	VQ35HR
Drive Type	BELT	BELT	BELT	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info							
Nason / Optibelt Kits Part No	NTK27 (A)	NTK12				NTKG38	NTKG38
Timing Cover							
Water Pump	W898 (A)	W898	W898			W3138	
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size	T1040 141T X 25	T175 / N 115T X 25.4	T 1592R 150T X 25				
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1	NBT215	NBT215	NBT215			CT206-OE	CT206-OE
Tensioner 2						CT207-OE	CT207-OE
Tensioner 3						CT208-OE	CT208-OE
Guide / Idler # 1	NBT009						
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T1040SK	T175SK	T1592RSK				
Camshaft Seal	NJ765# x 2	NJ765#	NJ765# x 2				
Timing Cover Seal	NJ765#	NJ765#	NJ765#				
Aux / Balance Shaft Seal							
Oil Pump Shft Sel							

NOTES
(A) FOR R33 MODELS
USE W901.

- NOK SEAL AVAILABLE.

NISSAN							
Model	SKYLINE - 370GT V36	SUNNY - B310	TERRANO - R20	TERRANO - R20	TIIDA - C11, SC11	URVAN - E20, E23	URVAN - E23
Engine Size	3.7L DOHC 24V	1.5L OHV 8V	2.4L SOHC 12V	2.7L OHV 8V	1.8L DOHC 16V	2.0L OHV 8V	2.0L SOHC 8V
Engine Type	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	10/2007 - 14	1979 - 86	1996 - 99	1997 - 00	2005 - ON	1976 - 82	1982 - 86
Engine Code	VQ37VHR	A15	KA24E	TD27/TI	MR18DE	H20	Z20
Drive Type	CHAIN	CHAIN	SINGLE CHAIN	GEAR	CHAIN	CHAIN	DOUBLE CHAIN
Chassis / Eng Info							
Nason / Optibelt Kits Part No		NTK8	NTK15		NTK31		NTK5 (A)
Timing Cover							
Water Pump		W788	W3118	W3119	W3167	W844	W754
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size		3DR54	3SR102HD			3DR54	3DR102
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1	CT206-OE	CT21	CT26			CT24	CT23
Tensioner 2							
Tensioner 3							
Guide / Idler # 1			NCD15				NCD7
Guide / Idler # 2			NCD16				NCD8
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear		NTG2	NTG20	TBA		NTG9	NTG17
Crank Gear		NTG1	NTG21	TBA			
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit		NTCS01	NTCS38/40				NTCS03
Camshaft Seal							
Timing Cover Seal		NJ022 #	NK106#	NJ831	NK106#	NJ243	NJ045 #
Aux / Balance Shaft Seal							
Oil Pump Shft Sel							

NOTES
(A) USE NTKG5 WITH GEARS.

- NOK SEAL AVAILABLE.

NISSAN							
Model	URVAN - E23	URVAN - E23	URVAN - E24	URVAN - E24	URVAN - E24	X-TRAIL - T30	X-TRAIL - T30, T31 T32
Engine Size	2.0L SOHC 8V	2.3L OHV 8V	2.4L SOHC 8V	2.4L SOHC 8V	2.7L OHV 8V	2.5L DOHC 16V	2.5L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL
Year's	1986 - ON	1982 - 86	1986 - 89	1989 - 93	1986 - 92	2001 - 9/07	9/07 - ON
Engine Code	Z20	SD23	Z24	Z24	TD27/TI	QR25DE	QR25DE
Drive Type	SINGLE CHAIN	GEAR	DOUBLE CHAIN	SINGLE CHAIN	GEAR	CHAIN	CHAIN
Chassis / Eng Info						132kw Eng	123kw Eng
Nason / Optibelt Kits Part No			NTK19	NTK7		NTK42 (A,B)	NTKG43
Timing Cover						OPN-QR25 (C)	
Water Pump	W754	W857	W754	W754	W3025	W3141	W3141
Fan Clutch							
EGR COOLER							
Drive Align Tensioner						39219	39219
Timing Belt / Chain # 1 Size	3SR104		3DR106	3SR106		3SR164	3SR164
Timing Belt / Chain # 2 Size						164 Links	164 Links
						3SR70 (B)	N/A
						70 Links	70 Links
Hyd Tensioner Tensioner 1	CT23		CT23	CT23		CT20	CT20
Tensioner 2						CT33 (B)	???
Tensioner 3							
Guide / Idler # 1	NCD7		NCD9	NCD9		NCD24	NCD24
Guide / Idler # 2	NCD8		NCD10	NCD10		NCD29	NCD29
Guide / Idler # 3						NCD34 (B)	???
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear				NTG12		NTG14 (B)	
Crank Gear						NTG16 (B)	
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	NTCS03		NTCS32	NTCS32			
Camshaft Seal							
Timing Cover Seal	NJ045 #	NJ369#	NJ045 #	NJ045 #	NJ381	NK106#	NK106#
Aux / Balance Shaft Seal							
Oil Pump Shft Sel							

NOTES

(A) USE NTKG42 WITH
GEARS. (B) TO 1/2006. (C)
Incl Oil Pump.

- NOK SEAL AVAILABLE.

NISSAN		
Model	X-TRAIL - T31	X-TRAIL - T31
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - PETROL
Year's	2008 - 14	2011 - 14
Engine Code	M9R TURBO	MR20DE
Drive Type	CHAIN	CHAIN
Chassis / Eng Info		
Nason / Optibelt Kits		
Part No	NTKG45	NTK31
Timing Cover		
Water Pump	W6490	W3167
Fan Clutch		
EGR COOLER		
Drive Align Tensioner		
Timing Belt / Chain # 1		
Size		
Timing Belt / Chain # 2		
Size		
Hyd Tensioner		
Tensioner 1		
Tensioner 2		
Tensioner 3		
Guide / Idler # 1		
Guide / Idler # 2		
Guide / Idler # 3		
Guide / Idler # 4		
Guide / Idler # 5		
Guide / Idler # 6		
Cam Gear		
Crank Gear		
Aux / Oil Pump Gear		
Bal Shaft Gear		
Gskt / Seal Kit		
Camshaft Seal		
Timing Cover Seal		
Aux / Balance Shaft Seal		
Oil Pump Shft Sel		
NOTES		
# - NOK SEAL AVAILABLE.		

PEUGEOT							
Model	205 - 20A/C EFI / 65KW	205 - 20A/C EFI / 65KW	205 - 20A/C EFI / 94KW	205 - 20A/C EFI / 94KW	206 - 2A/C MPFI / 55KW	206 - 2A/C MPFI / 55KW	206 - 2A/C MPFI / 67KW
Engine Size	1.6L SOHC 8V	1.6L SOHC 8V	1.9L SOHC 8V	1.9L SOHC 8V	1.4L SOHC 8V	1.4L SOHC 8V	1.6L SOHC 8V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1991 - 1/92	2/92 - 94	1991 - 1/92	2/92 - 94	1999 - 2/07	1999 - 02/07	1999 - 01
Engine Code	XU5M3Z	XU5M3Z	XU9JA	XU9JA	TU3JP / 2	TU3JP / 2	TU5JP
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info					> Eng # 3666765	< Eng # 3666766	
Nason / Optibelt Kits Part No	KT1026	KT1068	KT1026	KT1068	KT1019	KT1370	KT1063
Timing Cover							
Water Pump	W2941	W6110 (A)	W2941	W6110 (A)	W2492 (A)	W6344 (A)	W6084 (A)
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1		T980N		T980N	T901N	T911N	T702N
Size		114T x 17		114T x 17	108T x 17	104T x 17	101T x 17
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit		T980SK		T980SK	T901SK	T911SK	T702SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES	(A) HAS A 8 VANE IMPELLER.	(A) HAS A 8 VANE IMPELLER.	(A) 20T Hub.	(A) 18T Hub.	(A) 60mm hub.
# - NOK SEAL AVAILABLE.					

PEUGEOT								
Model	207 - WK HDI / 80KW	207 - WA, WC MPFI / 88KW	207 - WA, WC DIT / 110KW	208 88KW	306 - MPFI / 74KW	306 MPFI / 81KW	306 DIT / 66KW	306 HDI / 67KW
Engine Size	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.8L SOHC 8V	1.8L DOHC 16V	1.9L SOHC 8V	2.0L SOHC 8V
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL
Year's	2007 - 6/10	2007 - 14	2007 - 14	2012 - 16	1994 - 8/99	1997 - 02	1993 - 5/00	2000 - 02
Engine Code	DV6TED4	EP6	EP6DT	EP6C			XUD9 TE	DW10TD
Drive Type	BELT	CHAIN	CHAIN	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	CRD TURBO		TURBO				TURBO	CRD TURBO
Nason / Optibelt Kits Part No	KT1390				KT1068	KT1309	KT1040	KT1327
Timing Cover								
Water Pump	W6318	W6494	W6494	W6494	W6110 (A)	W6077 (A)	W2884 (A)	W6242
Fan Clutch								
EGR COOLER								
Drive Align Tensioner	39008	39127	39127	39127				
Timing Belt / Chain # 1	T1608N				T980N	T1504N		
Size	137T x 25				114T x 17RD	136T x 25SQ		
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T1608SK			T1504SK	T980SK	T1504SK		
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) HAS A 6 VANE IMPELLER.

(A) HAS A 8 VANE IMPELLER.

(A) HAS A 6 VANE IMPELLER.

(A) TO 1/94, FROM 2/94 - 2/97 USE W6083. THEN FROM 3/97 USE W6304.

- NOK SEAL AVAILABLE.

PEUGEOT							
Model	306 MPFI / 92KW	306 MPFI / 116KW	306 MPFI / 100KW	306 MPFI / 120KW	306 MPFI / 120KW	307 - 3A/C HDI / 80KW	307 - 3E MPFI / 80KW
Engine Size	2.0L SOHC 8V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL
Year's	1994 - 6/97	1994 - 8/96	1997 - 5/01	1997 - 10/00	1997 - 10/00	2004 - 6/08	2001 - 6/08
Engine Code	XU10J2	XU10J4	XU10J4	XU10J4 RS	XU10J4 RS	DV6TED4	TU5JP4
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info				> CH #08546	< CH# 08547	CRD TURBO	> Eng # 1806404
Nason / Optibelt Kits Part No	KT1068		KT1216	KT1216		KT1390	KT1330
Timing Cover							
Water Pump	W6083 (A)	W6083 (A)	W6076 (A)	W6076 (A)	W6076 (A)	W6318	W7038 (A)
Fan Clutch							
EGR COOLER							
Drive Align Tensioner						39008	
Timing Belt / Chain # 1	T980N	T737N	T1504N	T1504N	T1608N	T1608N	T1581N
Size	114T x 17	134T x 25	136T x 25	136T x 25	137T x 25	137T x 25	134T x 25
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T980SK	T737SK	T1504SK	T1504SK	T1608SK	T1608SK	T1581SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES	(A) 68mm RD tooth profile impeller.	(A) 68mm RD tooth profile impeller.	(A) 68mm SQ tooth profile impeller.	(A) 68mm SQ tooth profile impeller.	(A) 68mm SQ tooth profile impeller.	(A) 56mm hub.	

- NOK SEAL AVAILABLE.

PEUGEOT							
Model	307 - 3E MPFI / 80KW	307 - 3H HDI / 66KW	307 - 3B HDI / 100KW	307 - 3B MPFI / 103KW	307 - 3B MPFI / 100KW	307 - 3B MPFI / 130KW	308 - SW MPFI / 88KW
Engine Size	1.6L DOHC 16V	2.0L SOHC 8V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2001 - 6/08	2001 - 9/05	2005 - 6/08	2005 - 6/09	2001 - 9/05	2004 - 09	2008 - 14
Engine Code	TU5JP4	DW10TD	DW10BTED4	EW10A	EW10J4	EW10J4 S	EP6
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	< Eng # 1806405	CRD TURBO	CRD TURBO				
Nason / Optibelt Kits Part No	KT1332	KT1327	KT1428	KT1244	KT1244		
Timing Cover							
Water Pump	W7038 (A)	W6242	W6310	W6440 (A)	W6440 (A)	W6309 (A)	W6494
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							39127
Timing Belt / Chain # 1	T1581N	T1505	T1603	T1503N	T1503N	T1605N	
Size	134T x 25	141T x 25	116T X 25.4	153T x 25	153T x 25	153T x 25	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1			NBT110				
Tensioner 2							
Tensioner 3							
Guide / Idler # 1			NBT149				
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T1581SK		T1603SK	T1503SK	T1503SK	T1605SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

(A) 56mm hub.

(A) 55MM Impeller.

(A) 55MM Impeller.

(A) 61MM Impeller.

- NOK SEAL AVAILABLE.

PEUGEOT							
Model	308 - SW DIT / 103KW	308 HDI / 82KW	308 - 4A / C HDI / 80KW	308 - 3B HDI / 100KW	308 - 3B HDI / 120KW	3008 HDI / 82KW	3008 DIT / 115KW
Engine Size	1.6L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL
Year's	2008 - 14	2010 - 14	2008 - 7/11	2008 - 7/11	2010 - 14	2010 - 3/12	2010 - 14
Engine Code	EP6DT	DV6C	DV6TED4	DW10 B TED4	DW10 C TED4	DV6TED4	EP6DT
Drive Type	CHAIN	BELT	BELT	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	TURBO	CRD TURBO	CRD TURBO	CRD TURBO	CRD TURBO	CRD TURBO	TURBO
Nason / Optibelt Kits Part No		KT1390	KT1390	KT1428		KT1390	
Timing Cover							
Water Pump	W6494	W6318	W6318	W6310		W6318	W6494
Fan Clutch							
EGR COOLER							
Drive Align Tensioner	39127		39008			39008	39127
Timing Belt / Chain # 1		T1608N	T1608N	T1603		T1608N	
Size		137T x 25	137T x 25	116T X 25.4		137T x 25	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1				NBT110			
Tensioner 2							
Tensioner 3							
Guide / Idler # 1				NBT149			
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit		T1608SK	T1608SK	T1603SK		T1608SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

PEUGEOT							
Model	3008 HDI / 120KW	405 EFI / 108KW	405 - 4B DIT / 66KW	405 - 4B MPFI / 89KW	405 - 4B MPFI / 112KW	406 - 8B HDI / 80KW	406 - 8B MPFI / 100KW
Engine Size	2.0L DOHC 16V	1.9L DOHC 16V	1.9L SOHC 8V	2.0L SOHC 8V	2.0L DOHC 16V	2.0L SOHC 8V	2.0L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL
Year's	2010 - 14	1988 - 93	2/1994 - 98	1992 - 96	1993 - 96	2000 - 10/04	1999 - 8/04
Engine Code	DW10 C TED4	XU9J4	XUD9 TE	XU10J2	XU10J4	DW10 A TED	EW10J4
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	CRD TURBO		TURBO			CRD TURBO	
Nason / Optibelt Kits Part No			KT1040	KT1068		KT1327	KT1244
Timing Cover							
Water Pump		W6110	W6083 (A)	W6083 (A)	W6083 (A)	W6242	W6440 (A)
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size				T980N 114T x 17	T980 114T x 17		T1503N 153T x 25
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit				T980SK			T1503SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES			(A) 68mm RD tooth profile impeller.	(A) 68mm RD tooth profile impeller.	(A) 68mm RD tooth profile impeller.	(A) 55MM Impeller.	

PEUGEOT								
Model	406 - 8B MPFI / 97KW	406 - E, F DIT / 82KW	406 - E, F MPFI / 140KW	406 - E, F MPFI / 152KW	407 - 6D HDI / 100KW	407 - 6D HDI / 120KW	407 - 6E MPFI / 120KW	407 - 6D HDI / 150KW
Engine Size	2.0L DOHC 16V	2.1L SOHC 12V	3.0L DOHC 24V	3.0L DOHC 24V	2.0L DOHC 16V	2.0L DOHC 16V	2.2L DOHC 16V	2.7L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - DIESEL	V6 - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	V6 - DIESEL
Year's	1996 - 8/99	1997 - 8/99	1997 - 01	2000 - 10/04	2004 - 14	2009 - 14	2004 - 8 / 09	2006 - 14
Engine Code	XU10J4 R	XUD11BTE	ES9J4	ES9J4 S	DW10 B TED4	DW10 C TED4	EW12J4	DT17 B TED4
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info		TURBO			CRD TURBO	CRD TURBO		CRD Twin Turbo
Nason / Optibelt Kits Part No	KT1216	KT1040			KT1428		KT1244	FTK1
Timing Cover								
Water Pump	W6076 (A)	W6057		W6384	W6310		W6309 (A)	W7061
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T1504N				T1603		T1503N	T1616
Size	136T x 25				116T X 25.4		153T x 25	195T X 29
Timing Belt / Chain # 2								T1617
Size								85T X 20
Hyd Tensioner								
Tensioner 1					NBT110			
Tensioner 2								
Tensioner 3								
Guide / Idler # 1					NBT149			
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T1504SK				T1603SK		T1605SK	
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES	(A) 68mm SQ tooth profile impeller.						(A) 61MM Impeller.	

- NOK SEAL AVAILABLE.

PEUGEOT								
Model	407 - 6E MPFI / 155KW	4008 MPFI / 110KW	4007 - GP HDI / 115KW	508 - ALLURE HDI / 120KW	508 - GT HDI / 150KW	607 - 9D, U MPFI / 152KW	EXPERT HDI / 100KW	EXPERT HDI / 88KW
Engine Size	3.0L DOHC 24V	2.0L DOHC 16V	2.2L DOHC 16V	2.0L DOHC 16V	2.2L DOHC 16V	3.0L DOHC 24V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	V6 - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL
Year's	2004 - 8/09	2012 - 14	2009 - 14	2010 - 14	2011 - 14	2001 - 06	2008 - 14	2008 - 9/12
Engine Code	ES9A	4B11	DW12	DW10 C TED4	DW12	ES9J4 S	DW10 B TED4	DW10 U TED4
Drive Type	BELT	CHAIN	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info			TURBO	CRD TURBO	CRD TURBO		CRD TURBO	CRD TURBO
Nason / Optibelt Kits Part No							KT1428	KT1428
Timing Cover								
Water Pump	W6384	W6038	W6505		W6505	W6384	W6310	W6310
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1							T1603	T1603
Size							116T X 25.4	116T X 25.4
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1							NBT110	NBT110
Tensioner 2								
Tensioner 3								
Guide / Idler # 1							NBT149	NBT149
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit							T1603SK	T1603SK
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

PEUGEOT				
Model		RCZ DIT / 115KW	RCZ DIT / 147KW	RCZ HDI / 120KW
Engine Size		1.6L DOHC 16V	1.6L DOHC 16V	2.0L DOHC 16V
Engine Type		4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's		2010 - 14	2010 - 14	2010 - 14
Engine Code		EP6DT	EP6DTS	DW10 C TED4
Drive Type		BELT	BELT	BELT
Chassis / Eng Info		TURBO	TURBO	CRD TURBO
Nason / Optibelt Kits Part No				
Timing Cover				
Water Pump		W6494	W6494	
Fan Clutch				
EGR COOLER				
Drive Align Tensioner		39127	39127	
Timing Belt / Chain # 1 Size				
Timing Belt / Chain # 2 Size				
Hyd Tensioner Tensioner 1				
Tensioner 2				
Tensioner 3				
Guide / Idler # 1				
Guide / Idler # 2				
Guide / Idler # 3				
Guide / Idler # 4				
Guide / Idler # 5				
Guide / Idler # 6				
Cam Gear				
Crank Gear				
Aux / Oil Pump Gear				
Bal Shaft Gear				
Gskt / Seal Kit				
Camshaft Seal				
Timing Cover Seal				
Aux / Balance Shaft Seal				
Oil Pump Shaft Seal				
NOTES				
# - NOK SEAL AVAILABLE.				

PROTON							
Model	GEN 2 - CM	JUMBUCK	M21	PERSONA	PERSONA	PERSONA	PERSONA
Engine Size	1.6L DOHC 16V	1.5L SOHC 12V	1.8L DOHC 16V	1.3 L SOHC 12V	1.5L SOHC 12V	1.6L SOHC 16V	1.6L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2004 - 14	2003 - ON	1997 - 00	1996 - 05	1996 - 05	1996 - 05	2008 - 14
Engine Code	S4PH	4G15P	4G93A	4G13P	4G15P	4G92	S4PH
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info							
Nason / Optibelt Kits							
Part No	PRTK3	PRTK1	MBTK30 / HT	PRTK1	PRTK1	MBTK22	PRTK3
Timing Cover							
Water Pump	W6485	W877	W3092	W877	W877	W3092	W6485
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T1587	T1039 or T191/ N	T935	T1039 or T191/ N	T1039 or T191/ N	T889	T1587
Size	144T X 25	92T X 22	156T X 29	92T X 22	92T X 22	117T X 29	144T X 25
Timing Belt / Chain # 2			T168 / N				
Size			65T x 12.7				
Hyd Tensioner			NBTH1031				
Tensioner 1	NBT617	NBT618	NBT653	NBT618	NBT618	NBT656	NBT617
Tensioner 2							
Tensioner 3							
Guide / Idler # 1			NBT654				
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T1587SK	T1039/191SK	T935SK	T1039/191SK	T1039/191SK	T288/889SK	T1587SK
Camshaft Seal		NJ242	NJ242 x 2	NJ242	NJ242	NJ242	
Timing Cover Seal	NJ252 #	NJ252 #	NJ874#	NJ252 #	NJ252 #	NJ874#	NJ252 #
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

- NOK SEAL AVAILABLE.

PROTON							
Model	S16	SATRIA	SATRIA	SATRIA	SATRIA	SATRIA - NEO	SAVVY - BT
Engine Size	1.6L DOHC 16V	1.3 L SOHC 12V	1.5L SOHC 12V	1.6L SOHC 16V	1.8L DOHC 16V	1.6L DOHC 16V	1.2L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2008 - 14	1997 - 02	1997 - 05	1997 - 05	1997 - 05	2007 - 14	2006 - 07
Engine Code	S4PH	4G13P	4G15P	4G92	4G93	S4PH	D4F
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info							
Nason / Optibelt Kits							
Part No	PRTK3	PRTK1	PRTK1	MBTK22	MBTK30 / HT	PRTK3	
Timing Cover							
Water Pump	W6485	W877	W877	W3092	W3092	W6485	
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T1587	T1039 or T191/ N	T1039 or T191/ N	T889	T935	T1587	T1577
Size	144T X 25	92T X 22	92T X 22	117T X 29	156T X 29	144T X 25	95T X 23.4
Timing Belt / Chain # 2					T168 / N		
Size					65T x 12.7		
Hyd Tensioner					NBTH1031		
Tensioner 1	NBT617	NBT618	NBT618	NBT656	NBT653	NBT617	
Tensioner 2							
Tensioner 3							
Guide / Idler # 1					NBT654		
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T1587SK	T1039/191SK	T1039/191SK	T288/889SK	T935SK	T1587SK	
Camshaft Seal		NJ242	NJ242	NJ242	NJ242 x 2	40 x 55 x 6 (x 2)	
Timing Cover Seal	NJ252 #	NJ252 #	NJ252 #	NJ874#	NJ874#	NJ252 #	
Aux / Balance Shaft Seal						30 x 46 x 7	
Oil Pump Shaft Seal							
NOTES							
# - NOK SEAL AVAILABLE.							

PROTON			
Model	WAJA	WIRA	WIRA
Engine Size	1.8L SOHC 16V	1.5L SOHC 12V	1.6L SOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2001 - 05	1995 - 97	1995 - 97
Engine Code	4G18P	4G15P	4G92
Drive Type	BELT	BELT	BELT
Chassis / Eng Info			
Nason / Optibelt Kits			
Part No		PRTK1	MBTK22
Timing Cover			
Water Pump	W4020	W877	W3092
Fan Clutch			
EGR COOLER			
Drive Align Tensioner			
Timing Belt / Chain # 1	T1353	T1039 or T191/ N	T889
Size	109T X 25.4	92T X 22	117T X 29
Timing Belt / Chain # 2			
Size			
Hyd Tensioner			
Tensioner 1	NBT620	NBT618	NBT656
Tensioner 2			
Tensioner 3			
Guide / Idler # 1			
Guide / Idler # 2			
Guide / Idler # 3			
Guide / Idler # 4			
Guide / Idler # 5			
Guide / Idler # 6			
Cam Gear			
Crank Gear			
Aux / Oil Pump Gear			
Bal Shaft Gear			
Gskt / Seal Kit	T1353SK	T1039/191SK	T288/889SK
Camshaft Seal	NJ242	NJ242	NJ242
Timing Cover Seal	NJ252 #	NJ252 #	NJ874#
Aux / Balance Shaft Seal			
Oil Pump Shaft Seal			
NOTES			
# - NOK SEAL AVAILABLE.			

RENAULT							
Model	CLIO II MPFI / 72KW	CLIO II MPFI / 79KW	CLIO II MPFI / 124KW	CLIO II MPFI / 132KW	CLIO III MPFI / 145KW	CLIO III MPFI / 147KW	CLIO IV DIT TURBO
Engine Size	1.4L DOHC 16V	1.6L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	1.2L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2001 - 08/08	2001 - 6/06	4/2001 - 8/04	9/2004 - 10/06	8/2008 - 2/10	3/2010 - 14	2013 - 16
Engine Code	K4J	K4M	F4R 730	F4R 738	F4R 830	F4R 832	H5FD
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info							
Nason / Optibelt Kits Part No	KT1406	KT1406			KT1409		
Timing Cover							
Water Pump	W6286	W6286	W2661	W2661	W3166		
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T1095N	T1095N	T1284N	T1284N	T1565N	T1565N	
Size	132T x 27	132T x 27	128T x 27	128T x 27	126T x 27	126T x 27	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T1095SK	T1095SK	T1284SK	T1284SK	T1565SK	T1565SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

RENAULT							
Model	LAGUNA 1- X91 MPFI / 110KW	LAGUNA 1 MPFI / 83KW	LAGUNA II MPFI / 99KW	LAGUNA II- X91 MPFI / 125KW	LAGUNA II DCI / 102KW	LAGUNA MPFI / 152KW	LATITUDE - X43 DCI / 127KW
Engine Size	2.0L DOHC 16V	2.0L SOHC 8V	2.0L DOHC 16V	2.0L DOHC 16V	2.2L DOHC 16V	3.0L SOHC 24V	2.0L DOHC 16V
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	V6 - PETROL	4CYL - DIESEL
Year's	2008 - 1/11	1995 - 7/96	2003 - 1/06	2008 - 1/11	2006 - 07	2002 - 1/06	2011 - 14
Engine Code	M9R	F3R	F4R	F4R	G9T	L7X	M9RM
Drive Type	CHAIN	BELT	BELT	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	TURBO			TURBO	CRD		CRD
Nason / Optibelt Kits Part No	NTK45		KT1409	KT1409	KT1392		NTK45
Timing Cover							
Water Pump	W6490	W2661	W3166	W3166	W7380	W6384	W6490
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1			T1565N	T1565N			
Size			126T x 27	126T x 27			
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit			T1565SK	T1565SK			
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

RENAULT							
Model	LATITUDE - X43 MPFI / 133KW	LATITUDE - X43 MPFI / 174KW	MASTER - X62 DCI / 107KW	MASTER - X70 84KW	MEGANE I - X64 MPFI / 79KW	MEGANE II - X84 MPFI / 83KW	MEGANE II - X84 DCI / 96KW
Engine Size	2.5L DOHC 24V	3.5L DOHC 24V	2.3L DOHC 16V	2.5L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.9L SOHC 8V
Engine Type	V6 - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's	2011 - 1/13	2013 - 14	2011 - 14	2004 - 9/11	1999 - 11/04	2004 - 08	2007 - 7/10
Engine Code	2ZV6	5ZVA	M9TD	G9UA	K4M 70	K4M 76	F9Q
Drive Type			CHAIN	BELT	BELT	BELT	BELT
Chassis / Eng Info			CRD TURBO	CRD TURBO			CRD TURBO
Nason / Optibelt Kits Part No				KT1392	KT1406	KT1410	KT1371
Timing Cover							
Water Pump				W7380	W6286	W6286	W6386 (A)
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1					T1095N	T1095N	
Size					132T x 27	132T x 27	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit					T1095SK	T1095SK	
Camshaft Seal					132T x 27	132T x 27	
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

SAAB							
Model	900 EFI / 125KW	900 EFI / 125KW	9000 EFI / 108KW	9000 EFI / 155KW	9.3 - YS3F Dti / 110KW	9.3 - YS3F Dti / 132KW	9.3 - YS3D MPFI / 110/113KW
Engine Size	2.0L DOHC 16V	2.5L DOHC 24V	2.3L DOHC 16V	2.5L DOHC 24V	1.9L DOHC 16V	1.9L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	V6 - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL
Year's	1983 - 94	1993 - 98	1990 - 98	1994 - 97	2007 - 6/10	2008 - 14	1999 - 03
Engine Code	B202	B258i	B234i & E	B258i	Z19DTH	Z19DTR	B204 E
Drive Type	CHAIN	BELT	CHAIN	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	Inc TURBO					TWIN TURBO	TURBO
Nason / Optibelt Kits Part No		GMTK21		GMTK21	GMTK37 / KT1400		
Timing Cover							
Water Pump	W2180	W7022	W6209	W7022	W3077	W3077	W6209
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size		T285 / ZRK1022 225T X 30		T285 / ZRK1022 225T X 30	T1615 / ZRK1466 199T X 24	T1615 / ZRK1466 199T X 24	
Timing Belt / Chain # 2 Size							
Hyd Tensioner Tensioner 1					NBT407		
Tensioner 2							
Tensioner 3							
Guide / Idler # 1					NBT408		
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit		T285SK		T285SK	T1521/1615SK		
Camshaft Seal		NB699 x 4		NB699 x 4			
Timing Cover Seal		NJ347#		NJ347#			
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES							

- NOK SEAL AVAILABLE.

SAAB								
Model	9.3 - YS3D MPFI / 136KW	9.3 - YS3D MPFI / 110KW	9.3 - YS3D MPFI / 136KW	9.3 - YS3D MPFI / 151KW	9.3 - YS3F MPFI / 110KW	9.3 - YS3F MPFI / 129KW	9.3 - YS3F MPFI / 155KW	9.3 - YS3D MPFI / 110KW
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.3L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1998 - 00	2001 - 10/02	1999 - 01	1999 - 02	2002 - 10/07	2002 - 14	2003 - 11/05	1998 - 1/99
Engine Code	B204 L	B205 E	B205 L	B205 R	B207 E	B207 L	B207 R	B234i
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info	TURBO	TURBO	TURBO	TURBO	TURBO	TURBO	TURBO	
Nason / Optibelt Kits Part No								
Timing Cover								
Water Pump	W6209	W6209	W6209	W6209	W3089	W3089	W3089	W6209
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size								
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES								

- NOK SEAL AVAILABLE.

SAAB							
Model	9.3 - YS3D MPFI / 165KW	9.3 - YS3F MPFI / 184KW	9.3 - YS3F MPFI / 206KW	9.5 - YS3E Dti / 110KW	9.5 - YS3G CRD / 118KW	9.5 - YS3E MPFI / 110KW	9.5 - YS3E MPFI / 125/136KW
Engine Size	2.3L DOHC 16V	2.8L DOHC 24V	2.8L DOHC 24V	1.9L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.3L DOHC 16V
Engine Type	4CYL - PETROL	V6 - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL
Year's	1999 - 1/01	2005 - 6/10	2008 - 6/10	2008 - 9/09	2011 - 14	1999 - 04	1997 - 2/08
Engine Code	B235 R	B284 L	B284 R	Z19DTH	A20DTH	B205 E	B235 E
Drive Type	CHAIN	CHAIN	CHAIN	BELT	BELT	CHAIN	CHAIN
Chassis / Eng Info	TURBO	TURBO	TURBO	TURBO	TURBO	TURBO	TURBO
Nason / Optibelt Kits Part No				GMTK37 / KT1400			
Timing Cover							
Water Pump	W6209	W6450	W6450	W3077		W6209	W6209
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size				T1615 / ZRK1466 199T X 24			
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1				NBT407			
Tensioner 2							
Tensioner 3							
Guide / Idler # 1				NBT408			
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit				T1521/1615SK			
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES							

- NOK SEAL AVAILABLE.

SAAB				
Model	9.5 - YS3E MPFI / 162KW	9.5 - YS3D MPFI / 169KW	9.5 - YS3E MPFI / 147KW	9.5 - YS3G MPFI / TURBO
Engine Size	2.3L DOHC 16V	2.3L DOHC 16V	3.0L DOHC 24V	2.8L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	V6 - PETROL
Year's	2004 - 2/08	1999 - 10/01	1999 - 10/01	2011 - 14
Engine Code	B235 L	B235 R	B308 E	A28NET
Drive Type	CHAIN	CHAIN	BELT	CHAIN
Chassis / Eng Info	TURBO	TURBO	TURBO	TURBO
Nason / Optibelt Kits Part No			GMTK21	GMTK30
Timing Cover				
Water Pump	W6209	W6209	W7022	W5000
Fan Clutch				
EGR COOLER				
Drive Align Tensioner				
Timing Belt / Chain # 1			T285 / ZRK1022	
Size			225T X 30	
Timing Belt / Chain # 2				
Size				
Hyd Tensioner				
Tensioner 1				
Tensioner 2				
Tensioner 3				
Guide / Idler # 1				
Guide / Idler # 2				
Guide / Idler # 3				
Guide / Idler # 4				
Guide / Idler # 5				
Guide / Idler # 6				
Cam Gear				
Crank Gear				
Aux / Oil Pump Gear				
Bal Shaft Gear				
Gskt / Seal Kit			T285SK	TCS050
Camshaft Seal			NB699 x 4	
Timing Cover Seal			NJ347#	
Aux / Balance Shaft Seal				
Oil Pump Shaft Seal				
NOTES				
# - NOK SEAL AVAILABLE.				

SKODA								
Model	FABIA - 5J DSI / 77KW	FABIA - 5J TFSI / 132KW	OCTAVIA - 1Z TDi / 103KW	OCTAVIA - 1Z EFI / 103KW	OCTAVIA - 1Z TDi / 125KW	OCTAVIA - 1Z MPFI / 75KW	OCTAVIA - 1Z 1K	
Engine Size	1.2L SOHC 8V	1.4 L DOHC 16V	2.0L DOHC 16V	2.0L SOHC 8V	2.0L DOHC 16V	1.6L SOHC 8V	1.9L SOHC 8V	
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - DIESEL	
Year's	2010 - 14	2012 - 14	2006 - 14	2006 - 14	2007 - 08	2009 - 8/10	2007 - 7/11	
Engine Code	CBZB	CAVE	BKD	BMM	BMN	BSE	BXE	
Drive Type	CHAIN	CHAIN	BELT	BELT	BELT	BELT	BELT	
Chassis / Eng Info	TURBO	TURBO	TURBO		TURBO			
Nason / Optibelt Kits								
Part No			KT1403 (A)		KT1237		KT1403 (A)	
Timing Cover							KT1133	
Water Pump			W6335		W6438		W6335	
Fan Clutch							W3155	
EGR COOLER							W3157	
Drive Align Tensioner								
Timing Belt / Chain # 1			T1604N		T1547N		T1604N	
Size			141T x 30		120T x 30		141T x 30	
Timing Belt / Chain # 2							T296N	
Size							138T x 23	
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1			80MM Idler. Bolt Hole 10mm		80MM Idler. Bolt Hole 10mm			
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit			T1604SK		T1547N		T1604SK	
Camshaft Seal					NB446			
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES			(A) TO 1/07. FROM 2/2007 USE KT1512 WITH 88MM IDLER AND 12MM BOLT HOLE		(A) TO 1/07. FROM 2/2007 USE KT1512 WITH 88MM IDLER AND 12MM BOLT HOLE			

SKODA								
Model	OCTAVIA - 1Z FSI / 110KW	OCTAVIA - 1Z TFSI / 147KW	OCTAVIA - 1Z TFSi / 118KW	OCTAVIA - 1Z MPFI / 90KW	OCTAVIA - 1Z TDi / 77KW	OCTAVIA - 1Z TFSi / 147KW	OCTAVIA - 1Z TFSi / 118KW	OCTAVIA - 1Z TDi / 125KW
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	1.8L DOHC 16V	1.4 L DOHC 16V	1.6L DOHC 16V	2.0L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's	9/02/2007	2006 - 2/09	2007 - 09	2010 - 14	2010 - 14	2009 - 14	2009 - 14	2008 - 14
Engine Code	BVY	BWA	BZB	CAX	CAYC	CCZA	CDAA	CEGA
Drive Type	BELT	BELT	BELT	CHAIN	BELT	CHAIN	CHAIN	BELT
Chassis / Eng Info	WITH VCT		TURBO	TURBO	TURBO	TURBO	TURBO	TURBO
Nason / Optibelt Kits Part No	KT1432	KT 1432			VWTK01			KT1420
Timing Cover								
Water Pump	W3155	W6445	W6502	W6487	W6513		W6502	W6335
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T334N	T334N			ZRK1572			ZRK1544
Size	148T x 23	148T x 23			160T x 25			160T x 30
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T334SK	T334SK						
Camshaft Seal	NB446 x 2	NB446 x 2						
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES								

- NOK SEAL AVAILABLE.

SKODA								
Model	ROOMSTER - 5J TDi / 77KW	ROOMSTER - 5J MPFI / 77KW	SUPERB - 3T TFSi / 118KW	SUPERB - 3T TDi / 125KW	SUPERB - 3T DTFi / 103KW	SUPERB - 3T CRD / 125KW	SUPERB - 3T MPFI / 191KW	
Engine Size	1.8L SOHC 8V	1.6L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	3.6L DOHC 24V	
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	V6 - PETROL	
Year's	2005 - ON	2007 - 10/10	2010 - 14	2008 - 7/11	2011 - 14	2010 - 7/11	2009 - 14	
Engine Code	BSW	BTS	CDAA	CBBB	CFFB	CFGB	CDV	
Drive Type	BELT	CHAIN	CHAIN	BELT	BELT	BELT	CHAIN	
Chassis / Eng Info			TURBO		TURBO	TURBO		
Nason / Optibelt Kits Part No	KT1237			KT1420	VWTK01	KT1420		
Timing Cover								
Water Pump	W3157	W6430	W6502				W3154	
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	T1547N 120T x 30			ZRK1544 160T x 30	ZRK1572 160T x 25	ZRK1544 160T x 30		
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T1547SK							
Camshaft Seal	NB446							
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES								

SKODA			
Model	YETI - 5L MPFI / 77KW	YETI - 5L TFSi / 118KW	YETI - 5L DTFi / 103KW
Engine Size	1.2L SOHC 8V	1.8L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's	2011 - 14	2012 - 14	2010 - 14
Engine Code	CBZB	CDA A	CFHC
Drive Type		CHAIN	BELT
Chassis / Eng Info		TURBO	
Nason / Optibelt Kits Part No			VWTK01
Timing Cover			
Water Pump		W6502	W6307
Fan Clutch			
EGR COOLER			
Drive Align Tensioner			
Timing Belt / Chain # 1 Size			
Timing Belt / Chain # 2 Size			
Hyd Tensioner			
Tensioner 1			
Tensioner 2			
Tensioner 3			
Guide / Idler # 1			
Guide / Idler # 2			
Guide / Idler # 3			
Guide / Idler # 4			
Guide / Idler # 5			
Guide / Idler # 6			
Cam Gear			
Crank Gear			
Aux / Oil Pump Gear			
Bal Shaft Gear			
Gskt / Seal Kit			
Camshaft Seal			
Timing Cover Seal			
Aux / Balance Shaft Seal			
Oil Pump Shaft Seal			
NOTES			
# - NOK SEAL AVAILABLE.			

SUBARU

- NOK SEAL AVAILABLE.

SUBARU

- NOK SEAL AVAILABLE.

SUBARU

Model	FORESTER - SJ-G	IMPREZA - GC-3, GF-3	IMPREZA - GC-3, GF-3	IMPREZA - GC-5, GF-5	IMPREZA - GC-6, GF-6. / AWD	IMPREZA - GC-7, GF-7	IMPREZA - GC-8, GF-8
Engine Size	2.0L DOHC 16V	1.6L SOHC 16V	1.6L SOHC 16V	1.8L SOHC 16V	1.8L SOHC 16V	2.0L SOHC 16V	2.0L SOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	6/2012 - 16	1993 - 98	1997 - 98	1993 - 97	1993 - 97	1997 - 98	1994 - 00
Engine Code	FA20	EJ16	EJ16	EJ18E	EJ18E	EJ20	EJ20
Drive Type	CHAIN	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	With VVT						
Nason / Optibelt Kits Part No		SUBTK4 / HT	SUBTK12 / HT	SUBTK4 / HT	SUBTK4 / HT	SUBTK4 / HT	SUBTK8 / HT
Timing Cover							
Water Pump		W3035	W3035	W3035	W3035	W3035	W3035
Timing Belt / Chain # 1		# T172N or T254 (A).	# T172N or T254 (A).	# T172N or T254 (A).	# T172N or T254 (A).	# T172N or T254 (A).	T304 / N (A)
Size		211T X 30	211T X 30	211T X 30	211T X 30	211T X 30	223T X 27
Timing Belt / Chain # 2							
Size							
Hyd Tensioner		NBTH970	NBTH1000-OE	NBTH970	NBTH970	NBTH970	NBTH1000-OE
Tensioner 1		NBT010		NBT010	NBT010	NBT010	
Tensioner 2							
Tensioner 3							
Guide / Idler # 1		NBT013	NBT013	NBT013	NBT013	NBT013	NBT013
Guide / Idler # 2		NBT012	NBT012	NBT012	NBT012	NBT012	NBT012
Guide / Idler # 3		NBT002	NBT002	NBT002	NBT002	NBT002	NBT002
Guide / Idler # 4			NBT020 (B)				NBT020 (B)
Guide / Idler # 5							
Guide / Idler # 6							
Gskt / Seal Kit		T172/254SK	T172/254SK	T172/254SK	T172/254SK	T172/254SK	T304/307SK
Camshaft Seal		NK117# x 2	NK117# x 2	NK117# x 2	NK117# x 2	NK117# x 2	AVAILABLE IN KIT ONLY
Timing Cover Seal		NK153#	NK153#	NK153#	NK153#	NK153#	NK153#
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES	# T172 = HTN & T254 = HSN (A) FOR RACE BELT USE T254R.	# T172 = HTN & T254 = HSN (A) FOR RACE BELT USE T254R. (B) IDLER BRG FOR HYD TENSIONER	# T172 = HTN & T254 = HSN (A) FOR RACE BELT USE T254R.	# T172 = HTN & T254 = HSN (A) FOR RACE BELT USE T254R.	# T172 = HTN & T254 = HSN (A) FOR RACE BELT USE T254R.	(A) FOR RACE BELT USE T304R (B) IDLER BRG FOR HYD TENSIONER
# - NOK SEAL AVAILABLE.						

- NOK SEAL AVAILABLE.

SUBARU

Model	IMPREZA - GC-8, GF-8. WRX	IMPREZA - GC-8, GM-8 WRX Sti.	IMPREZA - GD-A, GG-A. WRX	IMPREZA - GD-A, GG-A. WRX	IMPREZA - GD-B. WRX Sti.	IMPREZA - GD-9, GG-9
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Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L SOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1993 - 2/98	3/1998 - 00	2000 - 02	2002 - 05	2001 - 05	2000 - 07
Engine Code	EJ20G	EJ20G	EJ20, EJ205	EJ20	EJ20G	EJ20, EJ201
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	TURBO	TURBO	TURBO	TURBO - VCT	TURBO - VCT	

Nason / Optibelt Kits Part No	SUBTK10 / HT	SUBTK5 / HT	SUBTK5 / HT	SUBTK5 / HT	SUBTK5 / HT	SUBTK8 / HT
Timing Cover						
Water Pump	W3146 (A)	W3146 (A)	W3146 (A)	W3146 (A)	W3146 (A)	W3035

Timing Belt / Chain # 1	T277 / N (B)	T277 / N (B)	T277 / N (B)	T277 / N (B)	T277 / N (B)	T304 / N (A)
Size	281T X 30	281T X 30	281T X 30	281T X 30	281T X 30	223T X 27
Timing Belt / Chain # 2						
Size						

Hyd Tensioner	NBTH970	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE
Tensioner 1	NBT010					
Tensioner 2						
Tensioner 3						

Guide / Idler # 1	NBT013	NBT013	NBT013	NBT013	NBT013	NBT013
Guide / Idler # 2	NBT012	NBT012	NBT012	NBT012	NBT012	NBT012
Guide / Idler # 3	NBT012	NBT012	NBT012	NBT012	NBT012	NBT002
Guide / Idler # 4		NBT007-1	NBT007-1	NBT007-1	NBT007-1	NBT020 (B)
Guide / Idler # 5		NBT020 (C)	NBT020 (C)	NBT020 (C)	NBT020 (C)	
Guide / Idler # 6						

Gskt / Seal Kit	T277SK	T277SK-1A	T277SK-1A	T277SK-1A	T277SK-1A	T304/307SK
Camshaft Seal	NK117# x4	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY
Timing Cover Seal	NK153#	NK153#	NK153#	NK153#	NK153#	NK153#
Aux / Balance Shaft Seal						
Oil Pump Shaft Seal						

NOTES	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R.	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER	(A) FOR RACE BELT USE T304R (B) IDLER BRG FOR HYD TENSIONER
# - NOK SEAL AVAILABLE.						

- NOK SEAL AVAILABLE.

SUBARU

Model	IMPREZA - GD-9, GG-9	IMPREZA - GE-7, GH-7	IMPREZA - GD-E, GG-E	IMPREZA - GD-F, WRX STi.	IMPREZA - GG	IMPREZA - GD-G, GG-G, WRX
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Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	2.5L SOHC 16V	2.5L DOHC 16V	2.0L DOHC 16V	2.5L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2005 - 07	2007 - ON	2001 - 05	2005 - 07	2005 - 07	2005 - 07
Engine Code	EJ20, EJ204	EJ20, EJ204	EJ25, EJ251	EJ25, EJ257	EJ20, EJ204	EJ25, EJ255
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	WITH VCT	WITH VCT		TURBO - VCT	WITH VCT	TURBO - VCT

Nason / Optibelt Kits Part No	SUBTK5 / HT	SUBTK5 / HT	SUBTK8 / HT	SUBTK5 / HT	SUBTK5 / HT	SUBTK5 / HT
Timing Cover						
Water Pump	W3035	W3035	W3035	W3146 (A)	W3035	W3146 (A)

Timing Belt / Chain # 1	T277 / N (A)	T277 / N (A)	T304 / N (A)	T277 / N (B)	T277 / N (A)	T277 / N (B)
Size	281T X 30	281T X 30	223T X 27	281T X 30	281T X 30	281T X 30
Timing Belt / Chain # 2						
Size						

Hyd Tensioner	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE
Tensioner 1						
Tensioner 2						
Tensioner 3						

Guide / Idler # 1	NBT013	NBT013	NBT013	NBT013	NBT013	NBT013
Guide / Idler # 2	NBT012	NBT012	NBT012	NBT012	NBT012	NBT012
Guide / Idler # 3	NBT012	NBT012	NBT002	NBT012	NBT012	NBT012
Guide / Idler # 4	NBT007-1	NBT007-1	NBT020 (B)	NBT007-1	NBT007-1	NBT007-1
Guide / Idler # 5	NBT020 (B)	NBT020 (B)		NBT020 (C)	NBT020 (B)	NBT020 (C)
Guide / Idler # 6						

Gskt / Seal Kit	T277SK-1A	T277SK-1A	T277SK-1A	T277SK-1A	T277SK-1A	T277SK-1A
Camshaft Seal	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY
Timing Cover Seal	NK153#	NK153#	NK153#	NK153#	NK153#	NK153#
Aux / Balance Shaft Seal						
Oil Pump Shaft Seal						

NOTES	(A) FOR RACE BELT USE T277R. (B) IDLER BRG FOR HYD TENSIONER	(A) FOR RACE BELT USE T277R. (B) IDLER BRG FOR HYD TENSIONER	(A) FOR RACE BELT USE T304R (B) IDLER BRG FOR HYD TENSIONER	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER	(A) FOR RACE BELT USE T277R. (B) IDLER BRG FOR HYD TENSIONER	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER
# - NOK SEAL AVAILABLE.						

SUBARU

Model	IMPREZA - GE-E, GH-E, GR-E, GR-F, GV-E WRX	IMPREZA - GF, GM, GV-F WRX Sti	IMPREZA - GJ	IMPREZA - WRX GK6	LEGACY - BC, BF	LEONE
Engine Size	2.5L DOHC 16V	2.5L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.2L SOHC 16V	1.8L SOHC 8V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2007 - ON	2008 - ON	2012 - 16	2012 - 16	1989 - 94	1984 - 89
Engine Code	EJ25, EJ255	EJ25, EJ257	FB20	FB20	EJ22	EA82 / T
Drive Type	BELT	BELT	CHAIN	CHAIN	BELT	BELT
Chassis / Eng Info	TURBO - VCT	TURBO - VCT	WITH VCT	WITH VCT		
Nason / Optibelt Kits Part No	SUBTK5 / HT	SUBTK5 / HT			SUBTK4 / HT	SUBTK7
Timing Cover						
Water Pump	W3146 (A)	W3146 (A)			W3035	W3033 (A)
Timing Belt / Chain # 1	T277 / N (B)	T277 / N (B)			# T172N or T254 (A).	T299 / N
Size	281T X 30	281T X 30			211T X 30	119T X 19
Timing Belt / Chain # 2						T300 / N
Size						98T X 19
Hyd Tensioner	NBTH1000-OE	NBTH1000-OE			NBTH970	
Tensioner 1					NBT010	NBT003
Tensioner 2						
Tensioner 3						
Guide / Idler # 1	NBT013	NBT013			NBT013	NBT004
Guide / Idler # 2	NBT012	NBT012			NBT012	NBT005
Guide / Idler # 3	NBT012	NBT012			NBT002	
Guide / Idler # 4	NBT007-1	NBT007-1				
Guide / Idler # 5	NBT020 (C)	NBT020 (C)				
Guide / Idler # 6						
Gskt / Seal Kit	T277SK-1A	T277SK-1A			T172/254SK	T299/300SK
Camshaft Seal	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY			NK117# x 2	NJ022 # x 2
Timing Cover Seal	NK153#	NK153#			NK153#	NJ341#
Aux / Balance Shaft Seal						
Oil Pump Shaft Seal						

- NOK SEAL AVAILABLE.

SUBARU

Engine Size	2.0 L DOHC 16V	2.0L SOHC 16V	2.0L DOHC 16V	2.0L SOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1991 - 94	1998 - 03	2001 - 03	2003 - 05	2003 - 06	2005 - 07	2006
Engine Code	EJ20G	EJ20, EJ201	EJ20, EJ206	EJ20, EJ202	EJ20, EJ20X/Y	EJ20, EJ204	EJ20, EJ20X/Y
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	TURBO		TWIN TURBO		TURBO - VCT	WITH VCT	TURBO - VCT

Nason / Optibelt Kits Part No	SUBTK10 / HT	SUBTK8 / HT	SUBTK5 / HT	SUBTK8 / HT	SUBTK5 / HT	SUBTK5 / HT	SUBTK5 / HT
Timing Cover							
Water Pump	W3146 (A)	W3035	W3146 (A)	W3035	W3146 (A)	W3146 (A)	W3146 (A)

Timing Belt / Chain # 1	T277 / N (B)	T304 / N (A)	T277 / N (B)	T304 / N (A)	T277 / N (B)	T277 / N (B)	T277 / N (B)
Size	281T X 30	223T X 27	281T X 30	223T X 27	281T X 30	281T X 30	281T X 30
Timing Belt / Chain # 2							
Size							

Hyd Tensioner	NBTH970	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE	NBTH1000-OE
Tensioner 1	NBT010						
Tensioner 2							
Tensioner 3							

Guide / Idler # 1	NBT013	NBT013	NBT013	NBT013	NBT013	NBT013	NBT013
Guide / Idler # 2	NBT012	NBT012	NBT012	NBT012	NBT012	NBT012	NBT012
Guide / Idler # 3	NBT012	NBT002	NBT012	NBT002	NBT012	NBT012	NBT012
Guide / Idler # 4		NBT020 (B)	NBT007-1	NBT020 (B)	NBT007-1	NBT007-1	NBT007-1
Guide / Idler # 5			NBT020 (C)		NBT020 (C)	NBT020 (C)	NBT020 (C)
Guide / Idler # 6							

Gskt / Seal Kit	T277SK	T304/307SK	T277SK-1A	T304/307SK	T277SK-1A	T277SK-1A	T277SK-1A
Camshaft Seal	NK117# x 4	NK117# x 2	AVAILABLE IN KIT ONLY	NK117# x 2	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY	AVAILABLE IN KIT ONLY
Timing Cover Seal	NK153#	NK153#	NK153#	NK153#	NK153#	NK153#	NK153#
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091. (B) FOR RACE BELT USE T277R.	(A) FOR RACE BELT USE T304R (B) IDLER BRG FOR HYD TENSIONER	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER	(A) FOR RACE BELT USE T304R (B) IDLER BRG FOR HYD TENSIONER	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER	(A) W3146 HAS 2 x OUTLETS FOR AUTO. MAN HAS 3 x OUTLETS W3091.(B) FOR RACE BELT USE T277R. (C) IDLER BRG FOR HYD TENSIONER
# - NOK SEAL AVAILABLE.							

SUBARU

Model	LIBERTY - BM-9, BR-9	LIBERTY - BE-E, BH-E	LIBERTY - BL-E, BP-E	LIBERTY - BM-F	OUTBACK - BG-9	OUTBACK - BG-9	OUTBACK - BH-9
Engine Size	2.5L SOHC 16V	3.0L DOHC 24V	3.0L DOHC 24V	3.6L DOHC 24V	2.5L DOHC 16V	2.5L DOHC 16V	2.5L SOHC 16V
Engine Type	4CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	4/2007 - 13	2001 - 8/03	8/2003 - 8/09	2009 - 14	1996 - 2/97	3/97 - 10/98	1998 - 03
Engine Code	EJ253, EJ255	EZ30 -D	EZ30 -R	EZ36	EJ25, EJ25D	EJ25, EJ25D	EJ25, EJ251
Drive Type	BELT	CHAIN	CHAIN	CHAIN	BELT	BELT	BELT
Chassis / Eng Info	WITH VCT	WITH VCT	WITH VCT	WITH VCT			
Nason / Optibelt Kits							
Part No	SUBTK8 / HT	TBA	TBA		SUBTK10 / HT	SUBTK5 / HT	SUBTK8 / HT
Timing Cover							
Water Pump	W3035	W9421	W9421		W3067	W3067	W3035
Timing Belt / Chain # 1	T304 / N (A)				T277 / N (A)	T277 / N (A)	T304 / N (A)
Size	223T X 27				281T X 30	281T X 30	223T X 27
Timing Belt / Chain # 2							
Size							
Hyd Tensioner	NBTH1000-OE				NBTH970	NBTH1000-OE	NBTH1000-OE
Tensioner 1					NBT010		
Tensioner 2							
Tensioner 3							
Guide / Idler # 1	NBT013				NBT013	NBT013	NBT013
Guide / Idler # 2	NBT012				NBT012	NBT012	NBT012
Guide / Idler # 3	NBT002				NBT012	NBT012	NBT002
Guide / Idler # 4	NBT020 (B)					NBT007-1	NBT020 (B)
Guide / Idler # 5						NBT020 (B)	
Guide / Idler # 6							
Gskt / Seal Kit	T304/307SK				T277SK	T277SK-1A	T304/307SK
Camshaft Seal	NK117# x 2				NK117# x 4	AVAILABLE IN KIT ONLY	NK117# x 2
Timing Cover Seal	NK153#				NK153#	NK153#	NK153#
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES	(A) FOR RACE BELT USE T304R (B) IDLER BRG FOR HYD TENSIONER	(A) FOR RACE BELT USE T277R.	(A) FOR RACE BELT USE T277R. (B) IDLER BRG FOR HYD TENSIONER	(A) FOR RACE BELT USE T304R (B) IDLER BRG FOR HYD TENSIONER
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NOTES	(A) FOR RACE BELT USE T304R (B) IDLER BRG FOR HYD TENSIONER	(A) FOR RACE BELT USE T277R.	(A) FOR RACE BELT USE T277R. (B) IDLER BRG FOR HYD TENSIONER	(A) FOR RACE BELT USE T304R (B) IDLER BRG FOR HYD TENSIONER
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- NOK SEAL AVAILABLE.

SUBARU

Model	OUTBACK - BP-9	OUTBACK - BP-9	OUTBACK - BP-E	OUTBACK - BR-D	OUTBACK - BR-D	OUTBACK - BR-F
Engine Size	2.5L SOHC 16V	2.5L SOHC 16V	3.0L DOHC 24V	2.5L DOHC 16V	2.0L DOHC 16V	3.6L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	6CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	6CYL - PETROL
Year's	2003 - 07	2007 - ON	2003 - 8/09	2012 - 16	10/2009 - 14	2009 - 14
Engine Code	EJ25, EJ251	EJ25, EJ251	EZ30R	FB25	EE20	EZ36
Drive Type	BELT	BELT	CHAIN	CHAIN	CHAIN	CHAIN
Chassis / Eng Info		WITH VCT	WITH VCT	WITH VCT	CRD - TURBO	WITH VCT
Nason / Optibelt Kits						
Part No	SUBTK8 / HT	SUBTK8 / HT	TBA			
Timing Cover						
Water Pump	W3035	W3035	W9421			
Timing Belt / Chain # 1	T304 / N (A)	T304 / N (A)				
Size	223T X 27	223T X 27				
Timing Belt / Chain # 2						
Size						
Hyd Tensioner	NBTH1000-OE	NBTH1000-OE				
Tensioner 1						
Tensioner 2						
Tensioner 3						
Guide / Idler # 1	NBT013	NBT013				
Guide / Idler # 2	NBT012	NBT012				
Guide / Idler # 3	NBT002	NBT002				
Guide / Idler # 4	NBT020 (B)	NBT020 (B)				
Guide / Idler # 5						
Guide / Idler # 6						
Gskt / Seal Kit	T304/307SK	T304/307SK				
Camshaft Seal	NK117# x 2	NK117# x 2				
Timing Cover Seal	NK153#	NK153#				
Aux / Balance Shaft Seal						
Oil Pump Shaft Seal						

NOTES	(A) FOR RACE BELT USE T304R	(A) FOR RACE BELT USE T304R
	(B) IDLER BRG FOR HYD TENSIONER	(B) IDLER BRG FOR HYD TENSIONER

- NOK SEAL AVAILABLE.

SUBARU		
Model	TRIBECA - EK-U	XV - GP-7
Engine Size	3.0L DOHC 24V	2.0L DOHC 16V
Engine Type	6CYL - PETROL	4CYL - PETROL
Year's	2006 - 07	1/2012 - 16
Engine Code	EZ30R	FB20
Drive Type	CHAIN	CHAIN
Chassis / Eng Info	WITH VCT	WITH VCT
Nason / Optibelt Kits		
Part No	TBA	TBA
Timing Cover		
Water Pump		
Timing Belt / Chain # 1		
Size		
Timing Belt / Chain # 2		
Size		
Hyd Tensioner		
Tensioner 1		
Tensioner 2		
Tensioner 3		
Guide / Idler # 1		
Guide / Idler # 2		
Guide / Idler # 3		
Guide / Idler # 4		
Guide / Idler # 5		
Guide / Idler # 6		
Gskt / Seal Kit		
Camshaft Seal		
Timing Cover Seal		
Aux / Balance Shaft Seal		
Oil Pump Shaft Seal		
NOTES		
# - NOK SEAL AVAILABLE.		

Model									
Model	ALTO - SB305	ALTO - SB308	ALTO - SH410	ALTO - GF MF310	APV - GC416	BALENO - SY416	BALENO - SY418	CARRY	
Engine Size	543cc SOHC 6V	796cc SOHC 6V	993cc SOHC 8V	996cc DOHC 12V	1.6L SOHC 16V	1.6L SOHC 16V	1.8L DOHC 16V	543cc SOHC 6V	
Engine Type	3 CYL - PETROL	3 CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	3 CYL - PETROL	
Year's	10/84 - 90	1980 - 91	1995 - 99	7/2008 - 14	2005 - ON	1995 - 01	1996 - 01	10/84 - 90	
Engine Code	F5A	F8 / F8B	G10B	K10BN	G16A	G16B	J18A	F5A	
Drive Type	BELT	BELT	BELT		BELT	BELT	CHAIN	BELT	
Chassis / Eng Info			EFI						
Nason / Optibelt Kits Part No	SZTK16	SZTK5	SZTK7		SZTK14	SZTK14	SZTK9	SZTK16	
Timing Cover									
Water Pump	W2003	W2003 (A)	W3037	W8212	W8151	W3036 (A)	W8153	W2003	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1	T855	T070 / N	T194 / N		T212 / N	T212 / N		T855	
Size	100T X 19 RD	88T X 19	97T X 25		103T X 25.4	103T X 25.4		100T X 19 RD	
Timing Belt / Chain # 2									
Size									
Hyd Tensioner									
Tensioner 1	NBT881	NBT881	NBT887		NBT887	NBT887		NBT881	
Tensioner 2									
Tensioner 3									
Guide / Idler # 1									
Guide / Idler # 2									
Guide / Idler # 3									
Guide / Idler # 4									
Guide / Idler # 5									
Guide / Idler # 6									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T820/855SK	T028/070SK-SUZ	T194SK		T164/212SK	T164/212SK		T820/855SK	
Camshaft Seal	NJ336#	NJ336#	NJ377#		NJ336#	NJ336#		NJ336#	
Timing Cover Seal	NJ336#	NJ336#	NJ377#		NJ377#	NJ377#	OSS0323	NJ336#	
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

(A) FROM 1997 USE W8151

- NOK SEAL AVAILABLE.

SUZUKI								
Model	GRAND VITARA - JB632	GRAND VITARA - SQ416	GRAND VITARA - SQ420	GRAND VITARA - SQ625	HATCH - SS400	HATCH - SS400	HATCH - SS80	IGNIS - RG413
Engine Size	3.2L DOHC 24V	1.6L SOHC 16V	2.0L DOHC 16V	2.5L DOHC 24V	543cc SOHC 6V	543cc SOHC 6V	796cc SOHC 6V	1.3 L DOHC 16V
Engine Type	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	3 CYL - PETROL	3 CYL - PETROL	3 CYL - PETROL	4CYL - PETROL
Year's	2008 - ON	1999 - 02	1998 - 05	1998 - 05	1980 - 9/84	10/84 - 90	1980 - 91	2000 - 05
Engine Code	N32A	G16B	J20A	H25A	F5A	F5A	F8 / F8B	M13A
Drive Type	CHAIN	BELT	CHAIN	CHAIN	BELT	BELT	BELT	CHAIN
Chassis / Eng Info								
Nason / Optibelt Kits Part No	GMTK31	SZTK14	SZTK9	SZTK10 (A)	SZTK15	SZTK16	SZTK5	SZTK19
Timing Cover								
Water Pump	W5000	W8151	W8153	W8153	W2200	W2200	W2003	W8211
Fan Clutch			NFC21	NFC21				
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	TC1009 x 2	T212 / N			T820	T855	T070 / N	3SR162
Size	Morse Chain	103T X 25.4			83T X 19 SQ	100T X 19 RD	88T X 19	
Timing Belt / Chain # 2	TC1010							
Size	Morse Chain							
Hyd Tensioner								
Tensioner 1	CT36	NBT887			NBT881	NBT881	NBT881	CT85
Tensioner 2	CT37							
Tensioner 3	CT40							
Guide / Idler # 1	HCD1							SCD1
Guide / Idler # 2	HCD3							SCD2
Guide / Idler # 3	HCD4							
Guide / Idler # 4	HCD5							
Guide / Idler # 5	HCD6							
Guide / Idler # 6	HCD7							
Cam Gear								
Crank Gear	HTG4							
Aux / Oil Pump Gear	HTG5 (RH) & HTG6 (LH)							
Bal Shaft Gear								
Gskt / Seal Kit	TCS50	T164/212SK			T820/855SK	T820/855SK	T028/070SK-SUZ	
Camshaft Seal		NJ336#		NJ377# x 2	NJ336#	NJ336#	NJ336#	
Timing Cover Seal		NJ377#	OSS0323	OSS0323	NJ336#	NJ336#	NJ336#	OSS0359
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES
(A) WITH GEARS USE
SZTKG10

- NOK SEAL
AVAILABLE.

SUZUKI								
Model	IGNIS - RG415	JIMNY - SN413	JIMNY - SN413	KIZASHI - FR	LIANA - RH416	LIANA - RH418	LIANA - RH418	SIERRA - MG410, SJ410
Engine Size	1.5L DOHC 16V	1.3 L SOHC 16V	1.3 L DOHC 16V	2.4L DOHC 16V	1.6L DOHC 16V	1.6L DOHC 16V	1.8L DOHC 16V	1.0 L SOHC 8V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2003 - 05	1998 - 02	2000 - 05	5/2010 - 14	2001 - 04	2004 - 07	2004 - 07	1981 - 85
Engine Code	M15A	G13BB	M13A	J24B	M16A	M16A	M18A	F10A
Drive Type	CHAIN	BELT	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT
Chassis / Eng Info								
Nason / Optibelt Kits Part No	SZTK19	SZTK7	SZTK19		SZTK19	SZTK19	SZTK19	SZTK4
Timing Cover								
Water Pump	W8211	W3159	W8211		W8211	W8211	W8211	W2003
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	3SR162	T194 / N	3SR162		3SR162	3SR162	3SR162	T028
Size		97T X 25 RD						84T X 19
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1	CT85	NBT887	CT85		CT85	CT85	CT85	NBT881
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	SCD1		SCD1		SCD1	SCD1	SCD1	
Guide / Idler # 2	SCD2		SCD2		SCD2	SCD2	SCD2	
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit		T194SK						T028/070SK-SUZ
Camshaft Seal		NJ377#						NJ336#
Timing Cover Seal	OSS0359	NJ377#	OSS0359		OSS0359	OSS0359	OSS0359	NJ336#
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

SUZUKI								
Model	SIERRA - MG410, SJ410	SIERRA - SJ413	SIERRA - SJ413	SIERRA - SJ413	SIERRA - SJ413	SWIFT - RS415, EZ	SWIFT - RS416, EZ, FZ	SWIFT - SA310
Engine Size	1.0 L SOHC 8V	1.3 L SOHC 8V	1.3 L SOHC 8V	1.3 L SOHC 8V	1.3 L SOHC 8V	1.5L DOHC 16V	1.6L DOHC 16V	1.0 L SOHC 6V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1986 - 93	1984 - 96	1984 - 96	1989 - 98	1989 - 98	2005 - 07	2006 - ON	1984 - 88
Engine Code	F10A	G13A (1324cc)	G13A (1324cc)	G13BA (1298CC)	G13BA (1298CC)	M15A	M16A	G10A
Drive Type	BELT	BELT	BELT	BELT	BELT	CHAIN	CHAIN	BELT
Chassis / Eng Info		SQ Tooth Belt	RD Tooth Belt					
Nason / Optibelt Kits Part No	SZTK5	SZTK1	SZTK6	SZTK18	SZTK17	SZTK19	SZTK19	SZTK1
Timing Cover								
Water Pump	W2003	W3037	W3037	W3012	W3012	W8211	W8211	W3012
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T070 / N	T095 / N	T243 / N	T135	T272	3SR162	3SR162	T095 / N
Size	88T X 19	89T X 19 SQ	89T X 19.5 RD	89T X 19 RD	89T X 25.4			89T X 19
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1	NBT881	NBT884	NBT884	NBT884	NBT887	CT85	CT85	NBT884
Tensioner 2								
Tensioner 3								
Guide / Idler # 1						SCD1	SCD1	
Guide / Idler # 2						SCD2	SCD2	
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T028/070SK-SUZ	T095/135SK	T241/243SK	T095/135SK	T272SK			T095/135SK
Camshaft Seal	NJ336#	NJ336#	NJ336#	NJ336#	NJ336#			NJ336#
Timing Cover Seal	NJ336#	NJ377#	NJ377#	NJ377#	NJ377#	OSS0359	OSS0359	NJ377#
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

Model	SWIFT - SF416	SWIFT - FZ	SX4 - RW420	SX4 - RW420	VITARA - SE416	VITARA - SE416	VITARA - SV420	VITARA - SV620
Engine Size	1.6L SOHC 16V	1.4L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	1.6L SOHC 8V	1.6L SOHC 16V	2.0L DOHC 16V	2.0L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL
Year's	1988 - 99	2/2011 - 14	2006 - 10	2010 - 15	1988 - 96	1993 - 98	5/97 - 2001	3/95 ON
Engine Code	G16B	K14B	J20A	J20B	G16A	G16B	J20A	H20A
Drive Type	BELT	CHAIN	CHAIN	CHAIN	BELT	BELT	CHAIN	CHAIN
Chassis / Eng Info	EFI			With VVT	CARBY	EFI		
Nason / Optibelt Kits Part No	SZTK14		SZTK9		SZTK13	SZTK14	SZTK9	SZTK10 (A)
Timing Cover								
Water Pump	W3036	W8212	W8153		W3036	W3036	W8153	W7017
Fan Clutch			NFC21				NFC21	
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T212 / N				T164 / N	T212 / N		
Size	103T X 25				95T X 19	103T X 25		
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1	NBT887				NBT884	NBT887		
Tensioner 2								
Tensioner 3								
Guide / Idler # 1								
Guide / Idler # 2								
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T164/212SK				T164/212SK	T164/212SK		
Camshaft Seal	NJ336#				NJ336#	NJ336#		NJ377# x 2
Timing Cover Seal	NJ377#		OSS0323		NJ377#	NJ377#	OSS0323	OSS0323
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

(A) WITH GEARS USE
SZTKG10

- NOK SEAL AVAILABLE.

SUZUKI				
Model	WAGON/R - SR140	WAGON/R - SR140	X90 - SZ416	XL7 - JA627
Engine Size	1.0L DOHC 16V	1.2L DOHC 16V	1.6L SOHC 16V	2.7L DOHC 24V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL
Year's	1997 - 01	1997 - 01	1996 - 98	2001 - 05
Engine Code	K10A	K12A	G16B	H27A
Drive Type	CHAIN	CHAIN	BELT	3 X DBL CHAINS
Chassis / Eng Info	EFI			
Nason / Optibelt Kits				
Part No	SZTK20	SZTK20	SZTK14	SZTK10 (A)
Timing Cover				
Water Pump			W3036	W7017
Fan Clutch				
EGR COOLER				
Drive Align Tensioner				
Timing Belt / Chain # 1			T212 / N	
Size			103T X 25	
Timing Belt / Chain # 2				
Size				
Hyd Tensioner				
Tensioner 1			NBT887	
Tensioner 2				
Tensioner 3				
Guide / Idler # 1				
Guide / Idler # 2				
Guide / Idler # 3				
Guide / Idler # 4				
Guide / Idler # 5				
Guide / Idler # 6				
Cam Gear				
Crank Gear				
Aux / Oil Pump Gear				
Bal Shaft Gear				
Gskt / Seal Kit			T164/212SK	
Camshaft Seal			NJ336#	NJ377# x 2
Timing Cover Seal	NJ377#	NJ377#	NJ377#	OSS0323
Aux / Balance Shaft Seal				
Oil Pump Shaft Seal				
NOTES	(A) WITH GEARS USE SZTKG10			
# - NOK SEAL AVAILABLE.				

TOYOTA								
Model	4-RUNNER - LN60, LN61	4-RUNNER - LN130	4 RUNNER - RN130	4 RUNNER - RN130	4-RUNNER - VZN130	4-RUNNER - VZN130	4-RUNNER - VZN130	4 RUNNER - YN60
Engine Size	2.4L SOHC 8V	2.8L SOHC 8V	2.4L SOHC 8V	2.4L SOHC 8V	3.0L SOHC 12V	3.0L SOHC 12V	3.0L SOHC 12V	2.0L OHV 8V
Engine Type	4CYL - DIESEL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	V6 - PETROL	V6 - PETROL	4CYL - PETROL
Year's	1984 - 88	1989 - 96	1989 - 95	1989 - 95	TO 1993	1993 - 8/94	9/94 - 96	1984 - 85
Engine Code	2L	3L	22R	22R	3VZ-E	3VZ-E	3VZ-E	3Y
Drive Type	BELT	BELT	SINGLE CHAIN	DOUBLE CHAIN	BELT	BELT	BELT	CHAIN
Chassis / Eng Info								
Nason / Optibelt Kits Part No	TTK21	TTK22	TTK12 (A)	TTK6 (A)	TTK38	TTK47	TTK47	TTK9 (A)
Timing Cover		KC3L-H (A)	KC22R-H					
Water Pump	W1061	W3046 / HD	W3045 (B)	W3045 (B)	W3049 (A)	W3049 (A)	W3049 (A)	W894
Fan Clutch	NFC64	NFC82	NFC61	NFC61				NFC23
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	T084 / N 130T X 25.4	T835 / N 129T X 31	3SR96	3DR98	T154 / N 193T X 35	T240 193T X 36	T240 193T X 36	3DR60
Timing Belt / Chain # 2 Size								
Hyd Tensioner						NBTH1035-OE	NBTH1015-OE	
Tensioner 1	NBT154	NBT160	CT12	CT6	NBT115	NBT978	NBT978	CT2
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	NBT158	NBT161	TCD24	TCD11	NBT188	NBT188	NBT188	TCD2
Guide / Idler # 2			TCD25	TCD12				
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear	TTG19		TTG31	TTG18N				TTG6
Crank Gear		TTG21	TTG30	TTG17N				TTG3
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T084SK	T835SK	NTCS30/1	NTCS30/1	T154/240SK	T154/240SK	T154/240SK	NTCS25
Camshaft Seal	NJ344#	NJ349#			NK180 x 2	NK180 x 2	NK180 x 2	
Timing Cover Seal	NJ344#	NJ344#	NJ278	NJ278	NB384	NB384	NB384	NJ344#
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES		(A) Incl Oil Pump	(A) With Gears Use TTKG12. (B) SOME MODELS HAVE A 69MM IMPELLER - W842.	(A) With Gears Use TTKG6 (B) SOME MODELS HAVE A 69MM IMPELLER - W842.	(A) FOR MODELS W/O PIN IN BODY USE W3105.	(A) FOR MODELS W/O PIN IN BODY USE W3105.	(A) FOR MODELS W/O PIN IN BODY USE W3105.	(A) USE TTKG9 WITH GEARS

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

TOYOTA								
Model	CELICA - ST204	CELICA ST205	CELICA - TA22	CELICA - ZTZ231	COASTER - BB10	COASTER - BB20, BB21, BB40	COASTER HZB30, HZB50	COASTER RB11
Engine Size	2.2L DOHC 16V	2.0L DOHC 16V	1.6L OHV 8V	1.8L DOHC 16V	3.2L OHV 8V	3.4L OHV 8V	4.2L SOHC 12V	2.0L SOHC 8V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	6CYL - PETROL	4CYL - PETROL
Year's	1993 - 00	1994 ON	1970 - 76	1999 - 07	1978 - 83	1982 - 99	1990 - 03	1977 - 80
Engine Code	5S-FE	3S-GE/GTE	2T	2ZZ-GE	2B	3B	1HZ	20R
Drive Type	BELT	BELT	CHAIN	CHAIN	GEAR	GEAR	BELT	DOUBLE CHAIN
Chassis / Eng Info		GT-4						
Nason / Optibelt Kits Part No	TTK25	TTK51 / HT	TTK30				TTK23 / HT	TTK6 (A)
Timing Cover							KC1HZ-H	
Water Pump	W3047 / AH	W3041	W798	W8218	W9075	W3068 (A)	W3106	W842
Fan Clutch							NFC9 (A)	NFC61
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	T199 / N (-) 163T X 26.7	T777 177T X 25.4	3DR60	3SR136HD			T859 / N 94T x 25	3DR98
Timing Belt / Chain # 2 Size								
Hyd Tensioner		NBTH1060					NBTH1010-OE	
Tensioner 1	NBT112	NBT165	CT2	CT18			NBT117	CT6
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	NBT148	NBT148	TCD2	TCD37				TCD11
Guide / Idler # 2				TCD38				TCD12
Guide / Idler # 3								
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear			TTG6					TTG18N
Crank Gear			TTG3					TTG17N
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T138/199SK	T125/777SK	TCS44				T797/859SK	NTCS30/1
Camshaft Seal	NJ347#	NJ347#					NJ349#	
Timing Cover Seal	NJ344#	NJ344#	NJ102 #	NJ347#			OSS0012	NJ278
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal	NJ963#	NJ963#					NA5000	
NOTES	(-) T199R AVAILABLE					(A) 77.8 HUB & 162MM OVERALL HEIGHT. REFER PAGE ??? FOR OTHER VARIATIONS.	(A) FROM 1998 USE NFC9A- 81MM FAN MOUNT HEIGHT.	(A) With Gears Use TTKG6

- NOK SEAL AVAILABLE.

TOYOTA								
Model	COROLLA ZRE152	COROLLA ZRE182	COROLLA ZRE153	COROLLA ZZE122	COROLLA ZZE123	CORONA MX SERIES	CORONA MX SERIES	CORONA RT81
	ULTIMA							
Engine Size	1.8L DOHC 16V	1.8L DOHC 16V	2.0L DOHC 16V	1.8L DOHC 16V	1.8L DOHC 16V	2.2/ 2.6L SOHC 12V	2.6L SOHC 12V	1.6L OHV 8V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	6CYL - PETROL	6CYL - PETROL	4CYL - PETROL
Year's	2007 - ON	2012 - ON	6/2010 - 14	2001 - 07	2003 - 05	1974 - 2/76	2/76 - ON	1973 - 76
Engine Code	2ZR-FE	2ZR-FE	3ZR-FAE	1ZZ-FE	2ZZ-GE	4M	4M	12R
Drive Type	CHAIN	CHAIN		CHAIN	CHAIN	CHAIN	CHAIN	GEAR
Chassis / Eng Info								
Nason / Optibelt Kits Part No	TTK65	TTK65		TTK66	TTK67	TTK7	TTK8	
Timing Cover								
Water Pump	W3169	W3169	W3169	W7011	W8218	W841	W841	W959
Fan Clutch								NFC23
EGR COOLER								
Drive Align Tensioner	38452N	38452N						
Timing Belt / Chain # 1	NTC750	NTC750		3SR130HD	3SR136HD	3DR112	3DR112	
Size	140 link	140 link						
Timing Belt / Chain # 2	NTC751	NTC751						
Size	52 Link	52 Link						
Hyd Tensioner								
Tensioner 1	CT90	CT90		CT17	CT18	CT9 (-)	CT10 (*)	
Tensioner 2								
Tensioner 3								
Guide / Idler # 1	TCD60	TCD60		TCD17	TCD37	TCD13	TCD13	
Guide / Idler # 2	TCD61	TCD61		TCD10	TCD38	TCD14	TCD14	
Guide / Idler # 3	TCD62	TCD62				TCD15	TCD15	
Guide / Idler # 4	TCD63	TCD63				TCD23	TCD23	
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear						TTG22	TTG22	TTG13 (A)
Crank Gear						TTG7	TTG7	TTG12 (A)
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit						NTCS13	NTCS13	NTCS11
Camshaft Seal								
Timing Cover Seal	NJ347#	NJ347#		NJ347#	NJ347#	NJ278	NJ278	NJ102 #
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES						(-) SHAFT LENGTH 20mm	(*) SHAFT LENGTH 32mm	(A) USE TTG24 " CAM " AND TTG14 " CRANK " FOR 30mm WIDE GEARS

- NOK SEAL AVAILABLE.

TOYOTA

Model	ECHO NCP10	ECHO NCP10, NCP12, NCP13	FJ CRUISER - GRJ120, GSJ15	HI-ACE KDH200, KDH220, KDH222	HI-ACE KDH201, KDH221, KDH223	HI-ACE KZH100, KZH106	HI-ACE LH11, LH20, LH30, LH60, LH70	HI-ACE LH11, LH20, LH30, LH60, LH70
Engine Size	1.3L DOHC 16V	1.5L DOHC 16V	4.0L DOHC 24V	2.5L DOHC 16V	3.0L DOHC 16V	3.0L SOHC 8V	2.2L SOHC 8V	2.2L SOHC 8V
Engine Type	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	2001 - 05	1999 - 05	3/2011 - 14	2005 - 07	2006 - ON	8/1993 - 2004	1980 - 4/82	4/82 - 85
Engine Code	2NZ-FE	1NZ-FE	1GR-FE	2KD-FTV	1KD-FTV	1KZ-TE	L	L
Drive Type	CHAIN	CHAIN	CHAIN	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info								
Nason / Optibelt Kits Part No	TTK68	TTK64	TTK62 (A)	TTK57 / HT	TTK57 / HT	TTK54 / HT	TTK29	TTK21
Timing Cover			KC1GR-H	OPTO-2KD (B)				
Water Pump	W7013	W7013	W3153 (B)	W8209 (A)		W3057 / AH	W819	W1061
Fan Clutch			NFC26	NFC30	NFC30	NFC30	NFC64	NFC64
EGR COOLER								
Drive Align Tensioner			38207N	38208N	38208N			
Timing Belt / Chain # 1 Size	3SR120	3SR124-1	3SR174HD	T1511 / N 97T x 25	T1511 / N 97T x 25	T988 / N 102T X 25	T079 127T X 25.4	T084 / N 130T X 25.4
Timing Belt / Chain # 2 Size			3SR42HD X 2					
Hyd Tensioner				NBTH1045-OE	NBTH1045-OE	NBTH1045-OE		
Tensioner 1	CT15	CT15	CT46	NBT981	NBT981	NBT981	NBT154	NBT154
Tensioner 2			CT50					
Tensioner 3			CT56					
Guide / Idler # 1	TCD6	TCD6	TCD47				NBT158	NBT158
Guide / Idler # 2	TCD8	TCD8	TCD48					
Guide / Idler # 3			TCD49 X 2					
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear			TTG25					
Crank Gear			TTG23					
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit				T1511SK	T1511SK	T988SK	T079SK	T084SK
Camshaft Seal				NJ349#	NJ349#	NJ349#	NJ344#	NJ344#
Timing Cover Seal	OSS0399	OSS0399	NJ344#	OSS0178	OSS0178	OSS0178	NJ344#	NJ344#
Aux / Balance Shaft Seal						OSS0210		
Oil Pump Shaft Seal								

NOTES

(A) Use TTKG62 for kit with gears. (B) FOR GSJ15R MODELS USE W3177

(A) HAS A 15.5MM
SHAFT. (B) Incl Oil
Pump.

TOYOTA

Model	HILUX VZN167, VZN172	HILUX YN55	HILUX YN56, YN85	HILUX YN57, YN65	HILUX YN58, YN67	KLUGER GSU40, GSU45	KLUGER MCU28	LANDCRUISER BJ40
Engine Size	3.4L DOHC 24V	1.6L OHV 8V	1.8L OHV 8V	2.0L OHV 8V	2.2L OHV 8V	3.5L DOHC 24V	3.3L DOHC V6	3.0L OHV 8V
Engine Type	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	V6 - PETROL	4CYL - DIESEL
Year's	2002 - 05	1983 - 87	1978 - 97	1983 - 87	1985 - 88	2007 - ON	2003 - 07	1978 - 80
Engine Code	5VZ-FE	1Y	2Y	3Y	4Y	2GR-FE	3MZ-FE	B
Drive Type	BELT	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT	GEAR
Chassis / Eng Info								
Nason / Optibelt Kits								
Part No	TTK49 / HT	TTK9 (A)	TTK9 (A)	TTK9 (A)	TTK9 (A)	TTK63	TTK58 / HT	
Timing Cover					NTC4Y			
Water Pump	W3109	W894	W894	W894	W894	W3150	W7035	W885
Fan Clutch	NFC8	NFC23	NFC23	NFC23	NFC23			
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T271 / N	3DR60	3DR60	3DR60	3DR60	3SR170-1	T257 / N	
Size	191T X 36						211T X 32	
Timing Belt / Chain # 2						3SR46-1 x 2		
Size								
Hyd Tensioner	NBTH1035-OE						NBTH004-OE	
Tensioner 1	NBT982	CT2	CT2	CT2	CT2	CT57	NBT187	
Tensioner 2						CT58		
Tensioner 3						CT59		
Guide / Idler # 1	NBT983	TCD2	TCD2	TCD2	TCD2	TCD50	NBT185	
Guide / Idler # 2						TCD51		
Guide / Idler # 3						TCD52 x 2		
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear		TTG6	TTG6	TTG6	TTG6			
Crank Gear		TTG3	TTG3	TTG3	TTG3			
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T271SK	NTCS25	NTCS25	NTCS25	NTCS25		T200/257SK	
Camshaft Seal	NJ347# x 2						NJ347# x 2	
Timing Cover Seal	NK050	NJ344#	NJ344#	NJ344#	NJ344#	NJ344#	NB384	
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

- NOK SEAL AVAILABLE.

TOYOTA								
Model	RAV 4 ZSA42	RUKUS - AZE151	SOARER JJZ30	SOARER JJZ31	SOARER UZZ30 - 32	SPACIA SR40	SPACIA YR22	STARLET EP91
Engine Size	2.0L DOHC 16V	2.4L DOHC 16V	2.5L DOHC 24V	3.0L DOHC 24V	4.0L DOHC 32V	2.0L DOHC 16V	2.2L OHV 8V	1.3L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	6CYL - PETROL	6CYL - PETROL	V8 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2013 - 16	5/2010 - 14	IMPORT	IMPORT	IMPORT	1997 - 01	1992 98	1996 - 00
Engine Code	3ZR-FAE	2AZ-FE	1JZ-GTE	2JZ -GE	1UZ-FE	3S-FE	4Y	4E-FE
Drive Type		CHAIN	BELT	BELT	BELT	BELT	CHAIN	BELT
Chassis / Eng Info		WITH VVT		TWIN TURBO				
Nason / Optibelt Kits Part No		TTK10 (A)	TTK14	TTK43 / HT	TTK42 / HT	TTK25	TTK9 (A)	TTK17
Timing Cover							NTC4Y	
Water Pump	W3169	W8469	W2165 (A)	W2165 (A)	W3104	W3047 / AH	W894	W7036 (A)
Fan Clutch							NFC23	
EGR COOLER								
Drive Align Tensioner		38452N						
Timing Belt / Chain # 1 Size		3SR134	T923 137T X 25.4	T215 143T X 25.4	T190 209T X 34	T199 / N 163T X 26.7	3DR60	T900 / N 124T X 26
Timing Belt / Chain # 2 Size		NOPCTOY1						
Hyd Tensioner				NBTH1025-OE	NBTH1002-OE			
Tensioner 1		CT8	NBT104	NBT108	NBT106	NBT112	CT2	NBT193
Tensioner 2		CT34						
Tensioner 3								
Guide / Idler # 1		TCD39			NBT107	NBT148	TCD2	NBT984
Guide / Idler # 2		TCD40						
Guide / Idler # 3		TCD44						
Guide / Idler # 4								
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear		TTG26					TTG6	
Crank Gear							TTG3	
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit				T215SK	T190SK	T138/199SK	NTCS25	T900SK
Camshaft Seal				NK150 x 2	NJ347# x 2	NJ347#		NJ353# x 2
Timing Cover Seal		NJ347#	NK154	NK154	NJ344#	NJ344#	NJ344#	NJ353#
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal						NJ963#		NJ654
NOTES		(A) For kit with gears use TTKG10	(A) HAS 91MM HUB & 11 BOLT HOLE BODY. FOR MODELS WITH 64MM HUB USE W3128.	(A) HAS 91MM HUB & 11 BOLT HOLE BODY. FOR MODELS WITH 64MM HUB USE W3128.			(A) USE TTKG9 WITH GEARS	(A) IF REQUIRED W/O PULLEY USE W3085.

- NOK SEAL AVAILABLE.

TOYOTA								
Model	SUPRA	SUPRA JZA80	SUPRA MA61	SUPRA MA70	T18 TE72	TARAGO ACR30, ACR50	TARAGO CR21	TARAGO GSR50
Engine Size	2.5L DOHC 24V	3.0L DOHC 24V	2.8L SOHC 12V	3.0L DOHC 24V	1.8L OHV 8V	2.4L DOHC 16V	2.0L OHV 8V	3.5L DOHC 24V
Engine Type	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	6CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	V6 - PETROL
Year's	IMPORT	1997 - 02	1983 - 85	1986 - 93	1979 - 83	2000- ON	1983 - 88	2007 - ON
Engine Code	1JZ-GTS	2JZ -GE	5M-E	7M-GE	3TC	2AZ-FE	2C	2GR-FE
Drive Type	BELT	BELT	CHAIN	BELT	CHAIN	CHAIN	BELT	CHAIN
Chassis / Eng Info		TWIN TURBO				WITH VVT		
Nason / Optibelt Kits Part No	TTK14	TTK43 / HT	TTK8	TTK28	TTK30	TTK10 (A)	TTK32	TTK63
Timing Cover								
Water Pump	W2165 (A)	W2165 (A)	W1055	W3042	W1031A	W7029	W1200	W3150
Fan Clutch								
EGR COOLER								
Drive Align Tensioner						38453N (B)		
Timing Belt / Chain # 1 Size	T923 137T X 25.4	T215 143T X 25.4	3DR112	T126 159T X 25.4	3DR60	3SR134	T098 177T X 25	3SR170-1
Timing Belt / Chain # 2 Size						NOPCTOY1		3SR46-1 x 2
Hyd Tensioner		NBTH1025-OE						
Tensioner 1	NBT104	NBT108	CT10 (*)	NBT114	CT2	CT8	NBT151	CT57
Tensioner 2						CT34		CT58
Tensioner 3								CT59
Guide / Idler # 1			TCD13		TCD2	TCD39	NBT153	TCD50
Guide / Idler # 2			TCD14			TCD40		TCD51
Guide / Idler # 3			TCD15			TCD44		TCD52 x 2
Guide / Idler # 4			TCD23					
Guide / Idler # 5								
Guide / Idler # 6								
Cam Gear			TTG22		TTG6	TTG26		
Crank Gear			TTG7		TTG3			
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit		T215SK	NTCS13	T126SK	ATCS44		T098SK	
Camshaft Seal		NK150 x 2		NJ353# x 2			NJ706	
Timing Cover Seal	NK154	NK154	NJ243	NJ344#	NJ102 #	NJ347#	NJ344#	NJ344#
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES	(A) HAS 91MM HUB & 11 BOLT HOLE BODY. FOR MODELS WITH 64MM HUB USE W3128.	(A) HAS 91MM HUB & 11 BOLT HOLE BODY. FOR MODELS WITH 91MM HUB & 10 BOLT HOLE BODY USE W7042.	(*) SHAFT LENGTH 32mm			(A) With Gears Use TTKG10. (B) To 2/2006. From 2/2006 use 38452N		

- NOK SEAL AVAILABLE.

TOYOTA							
Model	TOYO-ACE LY30	TOYO-ACE LY30	TOYO-ACE LY31	TOYO-ACE LY31	TOYO-ACE RY31	YARIS NCP90, NCP92, NCP96, NCP130	YARIS NCP90, NCP92, NCP96, NCP131

Nason / Optibelt Kits Part No	TTK29	TTK21	TTK21	TTK22	TTK3	TTK48	TTK64
Timing Cover							
Water Pump	W819	W819	W1061	W1061	W847	W7013	W7013
Fan Clutch	NFC64	NFC64	NFC64	NFC64			
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size	T079 127T X 25.4	T084 / N 130T X 25.4	T084 / N 130T X 25.4	T835 / N 129T X 31	3DR52	3SR120	3SR124 - 1
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1	NBT154	NBT154	NBT154	NBT160	CT5	CT15	CT15
Tensioner 2							
Tensioner 3							
Guide / Idler # 1	NBT158	NBT158	NBT158	NBT161	TCD4	TCD6	TCD6
Guide / Idler # 2					TCD5	TCD8	TCD8
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear			TTG19		TTG6		
Crank Gear					TTG3		
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T079SK	T084SK	T084SK	T835SK	TCS41		
Camshaft Seal	NJ344#	NJ344#	NJ344#	NJ344#			
Timing Cover Seal	NJ344#	NJ344#	NJ344#	NJ344#	NJ243		
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

- NOK SEAL AVAILABLE.

VOLKSWAGEN								
Model	AMAROK - TDi 400 TDI / 120KW	AMAROK - TDi 340 TDI / 90KW	AMAROK - TDi 420 TDI / 132KW	AMAROK - TS 1300 TSI / 118KW		BEETLE - 9C MPFI / 75KW	BEETLE - 9C MPFI / 110KW	BEETLE - 9C TDI / 77KW
Engine Size Engine Type Year's	2.0L DOHC 16V 4CYL - DIESEL 2011 - 14	2.0L DOHC 16V 4CYL - DIESEL 2011 - 14	2.0L DOHC 16V 4CYL - DIESEL 2012 - 1/13	2.0L DOHC 16V 4CYL - PETROL 2012 - 1/13		1.6L SOHC 8V 4CYL - PETROL 2002 - 10/11	1.8L DOHC 20V 4CYL - PETROL 2001 - 06	1.8L SOHC 8V 4CYL - DIESEL 2005 - ON
Engine Code Drive Type	CDCA BELT	CDBA BELT	CSHA BELT	CFPA BELT		BFS BELT	AWU BELT	BSW BELT
Chassis / Eng Info	CRD TURBO	CRD TURBO	CRD TURBO	TURBO			TURBO	TURBO
Nason / Optibelt Kits Part No	VWTK01	VWTK01	VWTK01			KT 1133	KT1231	KT1237
Timing Cover								
Water Pump	W6513		W6513			W3155	W6128	
Fan Clutch								
EGR COOLER								
Drive Align Tensioner				39122				
Timing Belt / Chain # 1 Size	ZRK1572 160T x 25	ZRK1572 160T x 25	ZRK1572 160T x 25			T296N 138T x 23	T306N 150T x 23	T1547N 120T x 30
Timing Belt / Chain # 2 Size								
Hyd Tensioner							NBTH008	
Tensioner 1								
Tensioner 2								
Tensioner 3								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit						T296SK	T306SK	T1547SK
Camshaft Seal						NB446	NB446 x 2	NB446
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES								
# - NOK SEAL AVAILABLE.								

VOLKSWAGEN								
Model	BEETLE - 9C MPFI / 85KW	BEETLE - 9C MPFI / 85KW	BEETLE - 9C MPFI / 85KW	BEETLE - 9C MPFI / 85KW	BEETLE - 1Y CABRIOLET MPFI / 85KW		BORA - 1J EFI / 85KW	BORA - 1J EFI / 85KW
Engine Size Engine Type Year's	2.0L SOHC 8V 4CYL - PETROL 2000 - 11/03	2.0L SOHC 8V 4CYL - PETROL 2001 - 03	2.0L SOHC 8V 4CYL - PETROL 2004 - 11	2.0L SOHC 8V 4CYL - PETROL 2003 - 9/05	2.0L SOHC 8V 4CYL - PETROL 2004 - 11		2.0L SOHC 8V 4CYL - PETROL 1999 - 05	2.0L SOHC 8V 4CYL - PETROL 2003 - 04
Engine Code Drive Type	AQY BELT	AYD BELT	AZJ BELT	BER BELT	AZJ BELT		APK BELT	AZJ BELT
Chassis / Eng Info								
Nason / Optibelt Kits Part No	KT 1133	KT 1133	KT 1133	KT 1133	KT 1133		KT1133	KT1133
Timing Cover								
Water Pump	W6128	W3155	W6128	W6128	W6128		W6128	
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	T296N 138T x 23	T296N 138T x 23	T296N 138T x 23	T296N 138T x 23	T296N 138T x 23		T296N 138T x 23	T296N 138T x 23
Timing Belt / Chain # 2 Size								
Hyd Tensioner Tensioner 1 Tensioner 2 Tensioner 3								
Cam Gear Crank Gear Aux / Oil Pump Gear Bal Shaft Gear								
Gskt / Seal Kit Camshaft Seal Timing Cover Seal Aux / Balance Shaft Seal Oil Pump Shaft Seal	T296SK NB446	T296SK NB446	T296SK NB446	T296SK NB446	T296SK NB446		T296SK NB446	T296SK NB446
NOTES								
# - NOK SEAL AVAILABLE.								

VOLKSWAGEN							
Model	BORA - 1J	BORA - 1J	BORA - 1J	CADDY - 2K	CADDY - 2K	CADDY - 2K	CADDY
	EFI /110KW	EFI /125KW	EFI / 150KW	TSI /63KW	TSI /77KW	MPFI / 75KW	TDI / 75KW
Engine Size	2.3L DOHC 20V	2.3L DOHC 20V	2.8L DOHC 24V	1.2L SOHC 8V	1.2L SOHC 8V	1.6L SOHC 8V	1.6L DOHC 16V
Engine Type	V5 - PETROL	V5 - PETROL	V6 - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL
Year's	1999 - 01	2001 - 06	2001 - 03	2010 - 14	2010 - 14	2005 - 11/10	2010 - 14
Engine Code	AGZ	AQN	AUE	CBZA	CBZB	BGU, BSE	CAYD
Drive Type	CHAIN	CHAIN	CHAIN	CHAIN	CHAIN	BELT	BELT
Chassis / Eng Info				TURBO	TURBO	CRD TURBO	
Nason / Optibelt Kits Part No						KT1133	VWTK01
Timing Cover							
Water Pump	W3158	W3158	W7083			W3155	W6513
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1						T296N	ZRK1572
Size						138T x 23	160T x 25
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit						T296SK	
Camshaft Seal						NB446	
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLKSWAGEN							
Model	CADDY - 2K DTI / 77KW	CADDY - 2K TDI / 103KW	CARAVELLE - T4 EFI / 81KW	CARAVELLE - T4 EFI / 81KW	CARAVELLE - T4 EFI / 75KW	CARAVELLE - T4 MPFI / 85KW	CARAVELLE - T4 EFI / 75KW
Engine Size Engine Type Year's	1.9L SOHC 8V 4CYL - DIESEL 2005 - 7/06	2.0L DOHC 16V 4CYL - DIESEL 2010 - 14	2.5L SOHC 10V 5 CYL - DIESEL 1993 - 7/95	2.5L SOHC 10V 5 CYL - DIESEL 8/95 - ON	2.5L SOHC 10V 5 CYL - DIESEL 2000 - 05	2.5L SOHC 10V 5 CYL - PETROL 1997 - 3/03	2.5L SOHC 10V 5 CYL - DIESEL 2000 - 05
Engine Code Drive Type	BLS, BJB BELT	CFHC BELT	AAF BELT	AAF BELT	ACV BELT	AET BELT	AUF BELT
Chassis / Eng Info	TURBO		> CH#019148	< CH#019149			
Nason / Optibelt Kits Part No	KT1237	VWTK01	KT 1402	KT1306	KT1214 (A)	KT1306	KT1214 (A)
Timing Cover							
Water Pump	W3157	W6513	W2925 (A)	W7086 (A)	W7086 (B)	W7086 (A)	W7087 (B)
Fan Clutch							
EGR COOLER							
Drive Align Tensioner	38436						
Timing Belt / Chain # 1 Size	T1547N 120T x 30	ZRK1572 160T x 25	T765N 124T x 27	T739N 122T x 26.5	T739N 122T x 26.5	T739N 122T x 26.5	T739N 122T x 26.5
Timing Belt / Chain # 2 Size					T1091N 81T x 21		T1091N 81T x 21
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T1547SK		T765SK	T739SK	T739SK	T739SK	T739SK
Camshaft Seal	NB446						
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES	(A) 5 IMPELLER VANES & 18T HUB (A) 7 IMPELLER VANES & 18T HUB (A) KT 1302 INJECTION PUMP KIT . (B) HAS 7 IMPELLER VANES & 18T HUB. FOR MODELS WITH 20T HUB USE W7087. (A) 7 IMPELLER VANES & 18T HUB (A) KT 1302 INJECTION PUMP KIT . (B) HAS A 20T HUB.						

- NOK SEAL AVAILABLE.

VOLKSWAGEN									
Model	CITIVAN - T5 MPFI / 63KW		CRAFTER - 2E 80KW	CRAFTER /35 - 2E 100KW	CRAFTER /50 - 2E 100KW	CRAFTER - 2E 120KW	CRAFTER - 2E CRD / 100KW	CRAFTER - 2F MPFI / 100KW	CRAFTER - 2F MPFI / 120KW
Engine Size Engine Type Year's	2.0L SOHC 8V 4CYL - PETROL 2006 - 5/10		2.5L SOHC 10V 5 CYL - DIESEL 2007 - 8/08	2.5L SOHC 10V 5 CYL - DIESEL 2007 - 1/12	2.5L SOHC 10V 5 CYL - DIESEL 2007 - 1/12	2.5L SOHC 10V 5 CYL - DIESEL 2007 - 1/12	2.5L SOHC 10V 5 CYL - DIESEL 2011 - 14	2.5L SOHC 10V 5 CYL - DIESEL 2007 - 2/11	2.5L SOHC 10V 5 CYL - DIESEL 2007 - 1/12
Engine Code Drive Type	AXA BELT		BJK BELT	BJL BELT	BJL BELT	BJM BELT	CEC BELT	BJL BELT	BJM BELT
Chassis / Eng Info			CRD TURBO	CRD TURBO	CRD TURBO	CRD TURBO	CRD TURBO	TURBO	CRD TURBO
Nason / Optibelt Kits Part No	KT1133								
Timing Cover									
Water Pump	W6128		W7086	W7086	W7087	W7087	W7087	W7087	
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1 Size	T296N 138T x 23		T321N 141T x 26	T321N 141T x 26	T321N 141T x 26	T321N 141T x 26	T321N 141T x 26	T321N 141T x 26	T321N 141T x 26
Timing Belt / Chain # 2 Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T296SK								
Camshaft Seal									
Timing Cover Seal									
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									
NOTES									
# - NOK SEAL AVAILABLE.									

- NOK SEAL AVAILABLE.

VOLKSWAGEN									
Model	CRAFTER - 2F CRD / 100KW		EOS - 1F EFI / 103KW	EOS - 1F FSI / 147KW	EOS - 1F TSI / 147KW	EOS - 1F TDI / 147KW	EOS - 1F TSI / 147KW	EOS - 1F TSI / 155KW	EOS - 1F TDI / 103KW
Engine Size Engine Type Year's	2.5L SOHC 10V 5 CYL - DIESEL 2011 - 14		2.0L SOHC 8V 4CYL - DIESEL 2007 - 7/08	2.0L DOHC 16V 4CYL - PETROL 2007 - 7/08	2.0L DOHC 16V 4CYL - PETROL 2008 - 4/10	2.0L DOHC 16V 4CYL - DIESEL 2008 - 4/11	2.0L DOHC 16V 4CYL - PETROL 2008 - 4/10	2.0L DOHC 16V 4CYL - PETROL 2010 - 14	2.0L DOHC 16V 4CYL - DIESEL 2011 - 14
Engine Code Drive Type	CEC BELT		BMM BELT	BWA BELT	CAWB BELT	CBAB BELT	CCZA CHAIN	CCZB CHAIN	CFFB BELT
Chassis / Eng Info	CRD TURBO		TURBO	TURBO	TURBO	TURBO	TURBO	TURBO	TURBO
Nason / Optibelt Kits Part No			KT 1237	KT 1432		KT1420			VWTK01
Timing Cover									
Water Pump			W6438	W6445		W6438	W6502		W6438
Fan Clutch									
EGR COOLER									
Drive Align Tensioner			38436	39084					
Timing Belt / Chain # 1 Size	T321N 141T x 26		T1547N 120T x 30	T334N 148T x 23		ZRK1544 160T x 30			ZRK1572 160T x 25
Timing Belt / Chain # 2 Size									
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit			T1547N	T334SK					
Camshaft Seal			NB446	NB446 x 2					
Timing Cover Seal			OSS0313	OSS0313					
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

NOTES

- NOK SEAL AVAILABLE.

VOLKSWAGEN							
Model	GOLF - 1H TYPE 1 TDI / 66KW	GOLF - 1G TYPE 2 EFI / 62 / 77KW	GOLF - 1H TYPE 3 EFI / 66KW	GOLF - 1H TYPE 3 EFI / 85KW	GOLF - 1E TYPE 3 EFI / 66KW	GOLF - 1H TYPE 3 EFI / 85KW	GOLF - 1H TYPE 3 EFI / 128KW
Engine Size	1.9L SOHC 8V	1.6L SOHC 8V	1.8L SOHC 8V	2.0L SOHC 8V	2.0L SOHC 8V	2.0L SOHC 8V	2.8L SOHC 12V
Engine Type	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL
Year's	1995 - 97	1987 - 92	1995 - 99	1992 - 96	1999 - 04	1996 - 99	1992 - 98
Engine Code	1Z	RV	ADZ	2E	ADY	AGG	AAA
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	CHAIN
Chassis / Eng Info	TURBO		CABRIO				
Nason / Optibelt Kits Part No		KT1001	KT1288	KT1258	KT1258		
Timing Cover							
Water Pump	W3156 / AH	W3129	W3156 / AH	W3156 / AH	W3156 / AH	W3156 / AH	W7083
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T242N	T017N	T017N	T262N	T262N	T262N	
Size	137T x 25.4	121T x 18	121T x 18	124T x 18	124T x 18	124T x 18	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T242SK	T017SK	T017SK		T262SK	T262SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLKSWAGEN							
Model	GOLF - 1E TYPE 4 EFI / 66KW	GOLF - 1E TYPE 4 EFI / 85KW	GOLF - 1H TYPE 4 EFI / 66KW	GOLF - 1J TYPE 4 MPFI / 74KW	GOLF - 1J TYPE 4 MPFI / 74KW	GOLF - 1J TYPE 4 EFI / 74KW	GOLF - 1J TYPE 4 MPFI / 74KW
Engine Size Engine Type Year's	1.8L SOHC 8V 4CYL - PETROL 1996 - 99	2.0L SOHC 8V 4CYL - PETROL 1996 - 02	2.0L SOHC 8V 4CYL - PETROL 1994 - 97	1.6L SOHC 8V 4CYL - PETROL 1998 - 03	1.6L SOHC 8V 4CYL - PETROL 1998 - 02	1.6L SOHC 8V 4CYL - PETROL 2001 - 03	1.6L SOHC 8V 4CYL - PETROL 2002 - 04
Engine Code Drive Type	ADZ BELT	AGG BELT	ADY BELT	AEH BELT	AKL BELT	AVU BELT	BFQ BELT
Chassis / Eng Info			CABRIO				
Nason / Optibelt Kits Part No	KT1288		KT1258	KT1133	KT1133	KT1133	KT1133
Timing Cover							
Water Pump	W3156 / AH	W3156 / AH	W3156 / AH	W3155	W3155	W3155	W3155
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size	T017N 121T x 18	T262N 124T x 18	T262N 124T x 18	T296N 138T x 23	T296N 138T x 23	T296N 138T x 23	T296N 138T x 23
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T017SK	T262SK	T262SK	T296SK	T296SK	T296SK	T296SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLKSWAGEN								
Model	GOLF - 1J TYPE 4 EFI / 92KW	GOLF - 1J TYPE 4 EFI / 92KW	GOLF - 1J TYPE 4 EFI / 110KW	GOLF - 1J TYPE 4 EFI / 110KW	GOLF - 1J TYPE 4 EFI / 110KW	GOLF - 1J TYPE 4 EFI / 110KW	GOLF - 1J TYPE 4 EFI / 85KW	GOLF - 1J TYPE 4 EFI / 85KW
Engine Size Engine Type Year's	1.8L DOHC 20V 4CYL - PETROL 1998 - 01	1.8L DOHC 20V 4CYL - PETROL 1998 - 01	1.8L DOHC 20V 4CYL - PETROL 1999 - 05	1.8L DOHC 20V 4CYL - PETROL 1999 - 05	1.8L DOHC 20V 4CYL - PETROL 2001 - 03	1.8L DOHC 20V 4CYL - PETROL 2001 - 03	2.0L SOHC 8V 4CYL - PETROL 1999 - 05	2.0L SOHC 8V 4CYL - PETROL 2003 - 04
Engine Code Drive Type	AGN	AGN BELT	AGU BELT	AGU BELT	AUM BELT	AUM BELT	APK BELT	AZJ BELT
Chassis / Eng Info	> CH # 8500000	< CH # 8500001	> CH # 1JY 8500000	< CH # 1JY 8500001	> CH # 8500000	< CH # 8500001		
Nason / Optibelt Kits Part No	KT1296	KT1231	KT1296	KT1231	KT1296	KT1231	KT1133	KT1133
Timing Cover								
Water Pump	W6128	W6128	W6128	W6128	W6128	W6128	W6128	W6128
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	T306N 150T x 23	T306N 150T x 23	T306N 150T x 23	T306N 150T x 23	T306N 150T x 23	T306N 150T x 23	T296N 138T x 23	T296N 138T x 23
Timing Belt / Chain # 2 Size								
Hyd Tensioner	NBTH008	NBTH008	NBTH008	NBTH008	NBTH008	NBTH008		
Tensioner 1	(B)	(B)	(B)	(B)	(B)	(B)		
Tensioner 2								
Tensioner 3								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T306SK	T306SK	T306SK	T306SK	T306SK	T306SK	T296SK	T296SK
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES	(B) Tensioner Bracket Height is 34mm	(B) Tensioner Bracket Height is 36mm	(B) Tensioner Bracket Height is 34mm	(B) Tensioner Bracket Height is 36mm	(B) Tensioner Bracket Height is 34mm	(B) Tensioner Bracket Height is 36mm		

- NOK SEAL AVAILABLE.

VOLKSWAGEN								
Model	GOLF - 1J TYPE 4 EFI / 125KW	GOLF - 1J TYPE 4 EFI / 150KW	GOLF - 1K TYPE 5 TSI / 125KW	GOLF - 1K TYPE 5 MPFI / 74KW	GOLF - 1K TYPE 5 MPFI / 74KW	GOLF - 1K TYPE 5 TDI / 77KW	GOLF - 1K TYPE 5 TDI / 77KW	GOLF - 1K TYPE 5 TDI / 77KW
Engine Size Engine Type Year's	2.3L DOHC 20V V5 - PETROL 2001 - 05	2.8L DOHC 24V V6 - PETROL 2001 - 03	1.4L DOHC 16V 4CYL - PETROL 2007 - 9/09	1.6L SOHC 8V 4CYL - PETROL 1998 - 02	1.6L SOHC 8V 4CYL - PETROL 2005 - 2/09	1.9L SOHC 8V 4CYL - DIESEL 2004 - 06	1.9L SOHC 8V 4CYL - DIESEL 2007 - 2/09	1.9L SOHC 8V 4CYL - DIESEL 2006 - 7/07
Engine Code Drive Type	AQN CHAIN	AUE CHAIN	BLG CHAIN	BGU BELT	BSE BELT	BKC BELT	BLS BELT	BXE BELT
Chassis / Eng Info			TWIN CHARGED					
Nason / Optibelt Kits Part No				KT1133	KT1133	KT1237	KT1237	KT1237
Timing Cover								
Water Pump	W3158 (A)	W7083	W6558	W3155	W3155	W6306	W6306	W6306
Fan Clutch								
EGR COOLER								
Drive Align Tensioner			39023			38436		
Timing Belt / Chain # 1 Size				T296N 138T x 23	T296N 138T x 23	T1547N 120T x 30	T1547N 120T x 30	T1547N 120T x 30
Timing Belt / Chain # 2 Size								
Hyd Tensioner Tensioner 1 Tensioner 2 Tensioner 3								
Cam Gear Crank Gear Aux / Oil Pump Gear Bal Shaft Gear								
Gskt / Seal Kit Camshaft Seal Timing Cover Seal Aux / Balance Shaft Seal Oil Pump Shaft Seal				T296SK	T296SK	T1547SK	T1547SK	T1547SK
NOTES (A) TO 9/03								
# - NOK SEAL AVAILABLE.								

- NOK SEAL AVAILABLE.

VOLKSWAGEN							
Model	GOLF GTi - 1K TYPE 5 EFI / 147KW	GOLF - 1K TYPE 5 TDI / 103KW	GOLF - 1K TYPE 5 TDI / 103KW	GOLF - 1K TYPE 5 EFI / 110KW	GOLF - 1K TYPE 5 EFI / 110KW	GOLF - 1K TYPE 5 EFI / 103KW	GOLF - 1K TYPE 5 TDI / 125KW
Engine Size Engine Type Year's	2.0L DOHC 16V 4CYL - PETROL 2005 - 06	2.0L DOHC 16V 4CYL - DIESEL 2004 - 2/09	2.0L DOHC 16V 4CYL - DIESEL 2004 - 2/09	2.0L DOHC 16V 4CYL - PETROL 2004 - 06	2.0L DOHC 16V 4CYL - PETROL 2004 - 06	2.0L SOHC 8V 4CYL - DIESEL 2004 - 07	2.0L SOHC 8V 4CYL - DIESEL 2007 - 9/09
Engine Code Drive Type	AXX BELT	BKD BELT	BKD BELT	BLR BELT	BLX BELT	BMM BELT	BMN BELT
Chassis / Eng Info	T & S / CHARGED	> CH 1K-6-250000	< CH 1K-6-250001				
Nason / Optibelt Kits Part No	KT1432	KT1403	KT1512	KT1432	KT1432	KT 1237	
Timing Cover							
Water Pump	W6445	W6335	W6335	W3155	W3155	W6438	W6335
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T334N	T1604N	T1604N	T334N	T334N	T1547N	T1604N
Size	148T x 23	141T x 30	141T x 30	148T x 23	148T x 23	120T x 30	141T x 30
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T334SK	T1604SK	T1604SK	T334SK	T334SK	T1547SK	
Camshaft Seal	NB446 x 2			NB446 x 2	NB446 x 2	NB446	
Timing Cover Seal	OSS0313			OSS0313	OSS0313	OSS0313	
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES							
# - NOK SEAL AVAILABLE.							

- NOK SEAL AVAILABLE.

VOLKSWAGEN								
Model	GOLF - 1K TYPE 5 EFI / 110KW	GOLF GTi - 1K TYPE 5 EFI / 110KW	GOLF GTi - 1K TYPE 5 MPFI / 169KW	GOLF - 1K TYPE 5 MPFI / 184KW	GOLF - 1K TYPE 6 TSI / 77KW	GOLF - 1K TYPE 6 TSI / 118KW	GOLF - 1K TYPE 6 TSI / 90KW	
Engine Size Engine Type Year's	2.0L DOHC 16V 4CYL - PETROL 2006 -2/ 09	2.0L DOHC 16V 4CYL - PETROL 2005 - 9/09	2.0L DOHC 16V 4CYL - PETROL 2008 - 9/09	3.2L DOHC 24V V6 - PETROL 2006 - 3/10	1.2L SOHC 8V 4CYL - PETROL 2010 - 14	1.4L DOHC 16V 4CYL - PETROL 2009 - 8/12	1.4L DOHC 16V 4CYL - PETROL 2009 - 14	
Engine Code Drive Type	BVY BELT	BWA BELT	BYD BELT	BUB CHAIN	CBZB CHAIN	CAVD CHAIN	CAXA CHAIN	
Chassis / Eng Info					TURBO	T & S / CHARGED	T & S / CHARGED	
Nason / Optibelt Kits Part No	KT1432	KT1432						
Timing Cover								
Water Pump	W3155	W6445	W6445	W3154		W6558	W6487	
Fan Clutch								
EGR COOLER								
Drive Align Tensioner					39023 (A)	39023 (A)	39023 (A)	
Timing Belt / Chain # 1 Size	T334N 148T x 23	T334N 148T x 23	T334N 148T x 23					
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T334SK	T334SK						
Camshaft Seal	NB446 x 2	NB446 x 2						
Timing Cover Seal	OSS0313	OSS0313						
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES					(A) For supercharger tensioner use 39040	(A) For supercharger tensioner use 39040	(A) For supercharger tensioner use 39040	
# - NOK SEAL AVAILABLE.								

- NOK SEAL AVAILABLE.

VOLKSWAGEN								
Model	GOLF - 1K TYPE 6 TSI / 118KW	GOLF - 1K TYPE 6 TDI / 77KW	GOLF - 1K TYPE 6 TDI / 103KW	GOLF - 1K TYPE 6 TDI / 125KW	GOLF GTi - 1K TYPE 6 TDI / 155KW	GOLF - 1K TYPE 6 TDI / 188KW	GOLF - 1K TYPE 6 TDI / 103KW	GOLF - 1K TYPE 6 TDI / 125KW
Engine Size Engine Type Year's	1.4L DOHC 16V 4CYL - PETROL 2012 - 14	1.6L DOHC 16V 4CYL - DIESEL 2009 - 14	2.0L DOHC 16V 4CYL - DIESEL 2009 - 11	2.0L DOHC 16V 4CYL - DIESEL 2010 - 9/10	2.0L DOHC 16V 4CYL - PETROL 2009 - 14	2.0L DOHC 16V 4CYL - PETROL 2010 - 8/11	2.0L DOHC 16V 4CYL - DIESEL 2010 - 14	2.0L DOHC 16V 4CYL - DIESEL 2010 - 14
Engine Code Drive Type	CTHD	CAYC	CBAB	CBBB	CCZB	CDLC	CFFB	CFGB
	CHAIN	BELT	BELT	BELT	CHAIN	BELT	BELT	BELT
Chassis / Eng Info	T & S / CHARGED	TURBO	TURBO	TURBO	TURBO	TURBO	TURBO	CRD TURBO
Nason / Optibelt Kits Part No		VWTK01	KT1420 (A)	KT1420 (A)		KT1432	VWTK01	VWTK01
Timing Cover								
Water Pump	W6558	W6513	W6438		W6502	W6445		W6513
Fan Clutch								
EGR COOLER								
Drive Align Tensioner	39023 (A)							
Timing Belt / Chain # 1 Size		ZRK1572 160T x 25	ZRK1544 160T x 30	ZRK1544 160T x 30		T334N 148T x 23	ZRK1572 160T x 25	ZRK1572 160T x 25
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit						T334SK		
Camshaft Seal						NB446 x 2		
Timing Cover Seal						OSS0313		
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES	(A) For supercharger tensioner use 39040		(A) NO SEAL AVAILABLE	(A) NO SEAL AVAILABLE				

- NOK SEAL AVAILABLE.

VOLKSWAGEN							
Model	GOLF - 1K TYPE 6 TDI / 103KW	JETTA - 1K TSI / 118KW	JETTA - 1K TSI / 118KW	JETTA - 1K TDI / 77KW	JETTA - 1K TDI / 77KW	JETTA - 1K TDI / 103KW	JETTA - 1K TDI / 103KW
Engine Size Engine Type Year's	2.0L DOHC 16V 4CYL - DIESEL 2010 - ON	1.4L DOHC 16V 4CYL - PETROL 2009 - 8/12	1.4L DOHC 16V 4CYL - PETROL 2012 - 14	1.6L DOHC 16V 4CYL - DIESEL 2009 - 14	1.9L SOHC 8V 4CYL - DIESEL 2006 - 07	2.0L DOHC 16V 4CYL - DIESEL 2005 - 1/09	2.0L DOHC 16V 4CYL - DIESEL 2005 - 1/09
Engine Code Drive Type	CFHC BELT	CAVD	CTHD	CAYC	BXE	BKD	BKD
		CHAIN	CHAIN	BELT	BELT	BELT	BELT
Chassis / Eng Info	TURBO	T & S / CHARGED	T & S / CHARGED	TURBO	TURBO	> CH# 1K-6-899000	< CH# 1K-6-899001
Nason / Optibelt Kits Part No	VWTK01			VWTK01	KT1237	KT1403	KT1512
Timing Cover							
Water Pump	W6513	W6558	W6558	W6513	W6306	W6335	W6335
Fan Clutch							
EGR COOLER							
Drive Align Tensioner		39023 (A)	39023 (A)		38436		
Timing Belt / Chain # 1 Size	ZRK1572 160T x 25			ZRK1572 160T x 25	T1547N 120T x 30	T1604N 141T x 30	T1604N 141T x 30
Timing Belt / Chain # 2 Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit					T1547SK NB446	T1604SK	T1604SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES	(A) For supercharger tensioner use 39040						

- NOK SEAL AVAILABLE.

VOLKSWAGEN

Model	JETTA - 1K EFI / 110KW	JETTA - 1K TDI /77KW	JETTA - 1K FSI / 110KW	JETTA - 1K FSi -TSi / 147KW	JETTA - 1K TSI / 147KW	JETTA - 1K TDI /103KW	JETTA - 1K TDI / 147KW	JETTA - 1K TDI /125KW
Engine Size	2.0L DOHC 16V	1.9L SOHC 8V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - DIESEL	4CYL - PETROL	4CYL - PETROL	4CYL -PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	2005 - 06	2006 - 07	2006 - 1/09	2005 - 10/09	2009 - 7/11	2009 - 7/11	2011 - 14	2009 - 7/11
Engine Code	BLR	BLS	BVY	BWA	CAWB	CBDB	CCZA	CEGA
Drive Type	BELT	BELT	BELT	BELT	CHAIN	BELT	CHAIN	BELT
Chassis / Eng Info	TURBO		T & S / CHARGED		TURBO	TURBO	TURBO	TURBO
Nason / Optibelt Kits Part No	KT1432	KT1237	KT1432	KT1432		KT1420		
Timing Cover								
Water Pump	W3155	W6306	W3155	W6445	W6445	W6438	W6502	
Fan Clutch								
EGR COOLER								
Drive Align Tensioner		38436						
Timing Belt / Chain # 1	T334N	T1547N	T334N	T334N		ZRK1544		
Size	148T x 23	120T x 30	148T x 23	148T x 23		160T x 30		
Timing Belt / Chain # 2								
Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T334SK	T1547SK	T334SK	T334SK				
Camshaft Seal	NB446 x 2	NB446	NB446 x 2	NB446 x 2				
Timing Cover Seal	OSS0313		OSS0313	OSS0313				
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

(A) FOR WATER PUMP DRIVE.

- NOK SEAL AVAILABLE.

VOLKSWAGEN								
JETTA - 1G TYPE								
Model	JETTA - 1K TDI / 103KW	4 EFI / 77KW	KOMBI - T5 MPFI / 85KW	KOMBI - T5 EFI / 75KW	KOMBI - T5 TDI / 96KW	LT 35/46 - 2D TDI / 80KW	LT 46 - 2D EFI / 80KW	
Engine Size Engine Type Year's	2.0L DOHC 16V 4CYL - DIESEL 2010 - 14	1.8L SOHC 8V 4CYL - PETROL 1987 - 92	2.5L SOHC 10V 5 CYL - PETROL 2003 - 04	1.9L DOHC 16V 4CYL - DIESEL 2006 - 4/09	2.5L SOHC 10V 5 CYL - DIESEL 2006 - 4/09	2.5L SOHC 10V 5 CYL - DIESEL 2003 - 2/07	2.5L SOHC 10V 5 CYL - PETROL 2003 - 04	
Engine Code Drive Type	CFFB BELT	RV BELT	AET BELT	AXB BELT	BNZ GEAR	AVR BELT	ANJ BELT	
Chassis / Eng Info			TURBO		TURBO	TURBO	TURBO	
Nason / Optibelt Kits Part No	VWTK01	KT1288	KT1306	KT1237		KT1214 (A) (B)	KT1214 (A) (B)	
Timing Cover								
Water Pump		W3129	W7087	W3157	W6446	W7086 (C)	W7086 (C)	
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size	ZRK1572 160T x 25	T017N 121T x 18	T739N 122T x 26.5	T1547N 120T x 30		T739N 122T x 26.5	T739N 122T x 26.5	
Timing Belt / Chain # 2 Size			ZRK1270 77T x 20			T1091 81T x 21	T1091 81T x 21	
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit		T017SK	T739N	T1547SK		T739SK	T739SK	
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES						(A) KT1302 (INJECTION PUMP kit) (B) NO SEALS AVAILABLE. (C) HAS A 18T HUB. FOR MODELS WITH 20T HUB USE W7087.	(A) KT1302 (INJECTION PUMP kit) (B) NO SEALS AVAILABLE. (C) HAS A 18T HUB. FOR MODELS WITH 20T HUB USE W7087.	

- NOK SEAL AVAILABLE.

VOLKSWAGEN								
Model	LT 35/46 - 2D EFI / 80KW		MULTIVAN - T5 TDI / 103KW	MULTIVAN - T5 TDI / 132KW	MULTIVAN - T5 MPFI / 150KW	MULTIVAN - T5 EFI / 128KW	MULTIVAN - T5 MPFI / 173KW	PASSAT - 3A2 MPFI / 85KW
Engine Size Engine Type Year's	2.8L SOHC 12V 4CYL - DIESEL 2004 - 7/06		2.0L DOHC 16V 4CYL - DIESEL 2011 - 14	2.0L DOHC 16V 4CYL - DIESEL 2010 - 14	2.0L DOHC 16V 4CYL - PETROL 2011 - 14	2.5L SOHC 10V 5 CYL - DIESEL 2005 - 2/10	3.2L DOHC 24V V6 - PETROL 2005 - 2/10	2.0L SOHC 8V 4CYL - PETROL 1995 - 97
Engine Code	AUH		CCHA	CFCA	CJKA	AXE	BKK	ADY
Drive Type	CHAIN		BELT	BELT	CHAIN	GEAR	CHAIN	BELT
Chassis / Eng Info	TURBO		TURBO	TWIN TURBO	TURBO	TURBO		
Nason / Optibelt Kits Part No			VWTK01	VWTK01				KT1258
Timing Cover								
Water Pump	W6516		W6513			W6446	W3154	W3156 / AH
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1 Size			ZRK1572 160T x 25	ZRK1572 160T x 25				T262N 124T x 18
Timing Belt / Chain # 2 Size								
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit								T262SK
Camshaft Seal								
Timing Cover Seal								
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								

NOTES

- NOK SEAL AVAILABLE.

- NOK SEAL AVAILABLE.

VOLKSWAGEN							
Model	PASSAT - 3B2 MPFI /142KW	PASSAT - 3B3 MPFI / 142KW	PASSAT - 3B3 MPFI / 110KW	PASSAT - 3B3 EFI / 85KW	PASSAT - 3B3 MPFI / 125KW	PASSAT - 3B2 MPFI / 142KW	PASSAT - 3B5 MPFI / 92KW
Engine Size Engine Type Year's	2.8L DOHC 30V V6 - PETROL 1998 - 01	2.8L DOHC 30V V6 - PETROL 2001 - 7/04	1.8L DOHC 20V 4CYL - PETROL 2001 - 10/ 02	2.0L SOHC 8V 4CYL - PETROL 2003 - 05	2.3L DOHC 20V V5 - PETROL 2001 - 06	2.8L DOHC 30V V6 - PETROL 2001- 2/06	1.8L DOHC 20V 4CYL - PETROL 1998 - 00
Engine Code Drive Type	ACK BELT	AMX BELT	AWT BELT	AZM BELT	AZX CHAIN	BBG BELT	ADR BELT
Chassis / Eng Info	TURBO						
Nason / Optibelt Kits Part No	KT1304 (A)	KT1304 (A)	KT1233 (A)	KT1133		KT1304 (A)	KT1357 (A)
Timing Cover							
Water Pump	W7083	W7088	W6128	W6128	W3158	W7083	W4003
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1 Size	T297/N 253T x 30	T297/N 253T x 30	T306N 150T x 23	T296N 138T x 23		T297/N 253T x 30	T317N 153T x 25
Timing Belt / Chain # 2 Size							
Hyd Tensioner			NBTH008				141ST
Tensioner 1							
Tensioner 2							
Tensioner 3							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T297SK	T297SK		T296SK		T297SK	T317SK
Camshaft Seal	NB446 x 4	NB446 x 4				NB446 x 4	
Timing Cover Seal	OSS0313	OSS0313				OSS0313	
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner			(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner

- NOK SEAL AVAILABLE.

VOLKSWAGEN									
Model		PASSAT - 3B5 MPFI / 110KW	PASSAT - 3B5 MPFI / 92KW	PASSAT - 3B5 MPFI / 110KW	PASSAT - 3B5 MPFI / 110KW	PASSAT - 3C2 TFSI / 118KW		PASSAT - 3C2 TDI / 103KW	PASSAT - 3C2 TDI / 103KW
Engine Size	1.8L DOHC 20V	1.8L DOHC 20V	1.8L DOHC 20V	2.8L DOHC 30V	1.8L DOHC 16V		2.0L DOHC 16V	2.0L DOHC 16V	
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	V6 - PETROL	4CYL - PETROL		4CYL - DIESEL	4CYL - DIESEL	
Year's	1997 - 01	1998 - 00	1999 - 3/01	1999 - 4/01	2010 - 14		2006 - 7/08	2006 - 7/08	
Engine Code	AEB	APT	APU	APR	CDAA		BKP	BKP	
Drive Type	BELT	BELT	BELT	BELT	CHAIN		BELT	BELT	
Chassis / Eng Info	TURBO	TURBO			TURBO		> CH6899000	< CH6899001	
Nason / Optibelt Kits	KT1357 (A)	KT1357 (A)	KT1357 (A)	KT1304 (A)			KT1403	KT1512	
Part No									
Timing Cover	W4003	W4003	W4003	W7083	W6502		W6335	W6335	
Water Pump									
Fan Clutch									
EGR COOLER									
Drive Align Tensioner									
Timing Belt / Chain # 1	T317N	T317N	T317N	T297/N			T1604N	T1604N	
Size	153T x 25	153T x 25	153T x 25	253T x 30			141T x 30	141T x 30	
Timing Belt / Chain # 2									
Size									
Hyd Tensioner	141ST	141ST	141ST						
Tensioner 1									
Tensioner 2									
Tensioner 3									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T317SK	T317SK	T317SK	T297SK			T1604SK	T1604SK	
Camshaft Seal				NB446 x 4					
Timing Cover Seal				OSS0313					
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									
NOTES	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner	(A) Includes Hyd Tensioner					

- NOK SEAL AVAILABLE.

VOLKSWAGEN								
Model	PASSAT - 3C2 TDI / 125KW	PASSAT - 3C2 TDI / 125KW	PASSAT - 3C2 TDI / 147KW	PASSAT - 3C2 TDI / 147KW	PASSAT - 3C2 TDI / 103KW	PASSAT - 3C2 TDI / 103KW	PASSAT - 3C2 TDI / 125KW	PASSAT - 3C2 MPFI / 184KW
Engine Size Engine Type Year's	2.0L DOHC 16V 4CYL - DIESEL 2007 - 7/08	2.0L DOHC 16V 4CYL - DIESEL 2007 - 7/08	2.0L DOHC 16V 4CYL - PETROL 2006 - 7/08	2.0L DOHC 16V 4CYL - PETROL 2008 - 1/10	2.0L DOHC 16V 4CYL - DIESEL 2008 - 11	2.0L DOHC 16V 4CYL - DIESEL 2008 - 6/12	2.0L DOHC 16V 4CYL - DIESEL 2010 - 1/13	3.2L DOHC 24V V6 - PETROL 2006 - 3/11
Engine Code Drive Type	BMR BELT	BMR BELT	BWA BELT	CAWB BELT	CBAB BELT	CBBB BELT	CFGB BELT	AXZ CHAIN
Chassis / Eng Info	> CH # 3C-6-30000	< CH # 3C-6-30001	TURBO	TURBO	TURBO	TURBO	CRD TURBO	
Nason / Optibelt Kits Part No	KT1403	KT1512			KT1420	KT1420 (A)	VWTK01	
Timing Cover								
Water Pump	W6335	W6335	W6445	W6445	W6438	W6335	W6335	W3154
Fan Clutch								
EGR COOLER								
Drive Align Tensioner								
Timing Belt / Chain # 1	T1604N	T1604N	T334N		ZRK1544	ZRK1544	ZRK1572	
Size	141T x 30	141T x 30	148T x 23		160T x 30	160T x 30	160T x 25	
Timing Belt / Chain # 2				(A)				
Size				54T x 12				
Hyd Tensioner								
Tensioner 1								
Tensioner 2								
Tensioner 3								
Cam Gear								
Crank Gear								
Aux / Oil Pump Gear								
Bal Shaft Gear								
Gskt / Seal Kit	T1604SK	T1604SK	T334SK					
Camshaft Seal			NB446 x 2					
Timing Cover Seal			OSS0313					
Aux / Balance Shaft Seal								
Oil Pump Shaft Seal								
NOTES						(A) NO SEALS AVAILABLE.		
# - NOK SEAL AVAILABLE.								

VOLKSWAGEN							
Model	PASSAT - 3C2 MPFI / 220KW	POLO - 6N1 EFI / 55KW	POLO - 6N2 MPFI / 55KW	POLO - 9N MPFI / 55KW	POLO - 9N MPFI / 75KW	POLO - 9N MPFI / 55KW	POLO - 9N MPFI / 59KW
Engine Size Engine Type Year's	3.6L DOHC 24V V6 - PETROL 2008 - 14	1.6L SOHC 8V 4CYL - PETROL 1996 - 00	1.4L DOHC 16V 4CYL - PETROL 2000 - 02	1.4L SOHC 16V 4CYL - PETROL 2002 - 7/06	1.4L DOHC 16V 4CYL - PETROL 2005 / 7/07	1.4L SOHC 16V 4CYL - PETROL 2003 - 9/08	1.4L SOHC 16V 4CYL - PETROL 2006 - 4/10
Engine Code Drive Type	BWS	AEE, AHS	AHW	BBY	BBZ	BKY	BUD
	CHAIN	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info							
Nason / Optibelt Kits Part No		KT1032	KT1209	KT1209	KT1209	KT1209	KT1209
Timing Cover							
Water Pump	W3154	W7091	W7085	W7085	W7085	W7085	W7085
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1		T1069N	T1073N	T1073N	T1073N	T1073N	T1073N
Size		137T x 19	130T x 20	130T x 20	130T x 20	130T x 20	130T x 20
Timing Belt / Chain # 2			T1072N	T1072N	T1072N	T1072N	T1072N
Size			58T x 17	58T x 17	58T x 17	58T x 17	58T x 17
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit		T1069SK	T1073SK	T1073SK	T1073SK	T1073SK	T1073SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							
NOTES							
# - NOK SEAL AVAILABLE.							

VOLKSWAGEN									
Model	POLO - 9N MPFI / 74KW	POLO - 9N MPFI / 77KW	POLO GTi - 9N MPFI / 110KW	POLO - 9N EFI / 74KW	POLO - 6R TSI /77KW	POLO GTi - 6R DIS / 132KW	POLO - 6R MPFi / 63KW	POLO GTi - 6R DIS / 132KW	
Engine Size Engine Type Year's	1.6L SOHC 8V 4CYL - PETROL 2004 - 10/05	1.6L DOHC 16V 4CYL - PETROL 2006 - 4/10	1.8L DOHC 20V 4CYL - PETROL 2005 - 8/10	1.9L SOHC 8V 4CYL - DIESEL 2005 - 4/10	1.2L SOHC 8V 4CYL - PETROL 2010 - 14	1.4L DOHC 16V 4CYL - PETROL 2010 - 7/12	1.4L DOHC 16V 4CYL - PETROL 2009 - 1/12	1.4L DOHC 16V 4CYL - PETROL 2012 - 14	
Engine Code Drive Type	BCD BELT	BTS CHAIN	BJX BELT	AXR BELT	CBZB CHAIN	CAVE CHAIN	CGGB BELT	CTH CHAIN	
Chassis / Eng Info	TURBO				TURBO	TURBO			
Nason / Optibelt Kits Part No	KT1209			KT1237			KT1209		
Timing Cover									
Water Pump		W6430	W6128	W3157			W7085		
Fan Clutch									
EGR COOLER									
Drive Align Tensioner		38439			39023 (A)	39023 (A)			
Timing Belt / Chain # 1	T1073N		T306N	T1547N			T1073N		
Size	130T x 20		150T x 23	120T x 30			130T x 20		
Timing Belt / Chain # 2	T1072N						T1072N		
Size	58T x 17						58T x 17		
Hyd Tensioner									
Tensioner 1									
Tensioner 2									
Tensioner 3									
Cam Gear									
Crank Gear									
Aux / Oil Pump Gear									
Bal Shaft Gear									
Gskt / Seal Kit	T1073SK			T1547SK			T1073SK		
Camshaft Seal									
Timing Cover Seal									
Aux / Balance Shaft Seal									
Oil Pump Shaft Seal									

(A) For supercharger
tensioner use 39040

- NOK SEAL AVAILABLE.

VOLKSWAGEN			
Model	POLO - 6R TDI / 66KW	SCIROCCO - 1S FSi / 195KW	TIGUAN - 5N TSI / 118KW
Engine Size Engine Type Year's	1.6L DOHC 16V 4CYL - DIESEL 2010 - ON	2.0L DOHC 16V 4CYL - PETROL 2010 - 14	1.4L DOHC 16V 4CYL - PETROL 2011 - 14
Engine Code Drive Type	CAYB BELT	CDLC BELT	CAVD
			CHAIN
Chassis / Eng Info	CRD TURBO	TURBO	T & S / CHARGED
Nason / Optibelt Kits Part No	VWTK01	KT1432	
Timing Cover			
Water Pump	W6513	W6445	W6558
Fan Clutch			
EGR COOLER			
Drive Align Tensioner			39023 (A)
Timing Belt / Chain # 1 Size	ZRK1572 160T x 25	T334N 148T x 23	
Timing Belt / Chain # 2 Size			
Hyd Tensioner			
Tensioner 1			
Tensioner 2			
Tensioner 3			
Cam Gear			
Crank Gear			
Aux / Oil Pump Gear			
Bal Shaft Gear			
Gskt / Seal Kit		T334SK	
Camshaft Seal		NB446 x 2	
Timing Cover Seal		OSS0313	
Aux / Balance Shaft Seal			
Oil Pump Shaft Seal			
NOTES			(A) For supercharger tensioner use 39040
# - NOK SEAL AVAILABLE.			

VOLVO							
Model	VOLVO 122 - 145 SERIES	VOLVO 240 SERIES	VOLVO 240 SERIES	VOLVO 740 - 760	VOLVO - 850 MPFi / 106KW	VOLVO - 850 MPFi / 176KW	VOLVO - 850 MPFi / 106KW
Engine Size	2.0L OHV 8V	2.3L SOHC 8V	2.3L SOHC 8V	2.3L SOHC 8V	2.4L SOHC 10V	2.3L DOHC 20V	2.4L SOHC 10V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL
Year's	1961 - 81	1986 - 1992	1992 - ON	1985 - 91	1992 - 97	1992 - 97	1992 - 97
Engine Code	B20	B230F	B230F	B230F/T	B5252 S	B5234 T, T4 & T5	B5252 S
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info					To Eng # 131154	From Eng # 131155	From Eng # 131155
Nason / Optibelt Kits Part No		KT1028	KT1167	KT1028		KT1118	KT1290
Timing Cover							
Water Pump	W976	W1551	W1551	W1551 (A)		W9339	
Fan Clutch	NFC27	NFC27	NFC27	NFC27			
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1		T032N	T229N	T032N	T268	T252N	T269N
Size		123T x 19 SQ	123T x 19 RD	123T x 19 SQ	139T x 21	148T x 23	144T x 23
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit		T032SK	T229SK	T032SK		T252SK	T269SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES
(A) FOR TURBO ENGINES
USE W969

- NOK SEAL
AVAILABLE.

VOLVO							
Model	VOLVO - 850 MPFi / 125/142KW	VOLVO - 850 MPFi / 125/142KW	VOLVO - 940 EFI / 121KW	VOLVO - 940 EFI / 96KW	VOLVO - C30 DTFi / 84KW	VOLVO - C30 DTFi / 100KW	VOLVO - C30 DTFi / 132KW
Engine Size	2.4L SOHC 20V	2.4L SOHC 20V	2.0L SOHC 8V	2.3L SOHC 8V	1.6L DOHC 16V	2.0L DOHC 16V	2.4L DOHC 16V
Engine Type	5 CYL - PETROL	5 CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - DIESEL	4CYL - DIESEL	4CYL - DIESEL
Year's	1992 - 1997	1992 - 1997	1990 - 98	1992 - 1996	2010 - 14	2009 - 8/10	2008 - 10/09
Engine Code	B5254 S & T	B5254 S & T	B230 FT	B230 FB	D4164 T	D4204 T	D5244 T8
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	To Eng # 131154	From Eng # 131155					
Nason / Optibelt Kits Part No		KT1118	KT1167	KT1167	KT1390	KT1428	
Timing Cover							
Water Pump	W9339	W9339			W6318		
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T217N	T252N	T229N	T229N	T1608N	T1603	
Size	143T x 21	148T x 23	123T x 19 RD	123T x 19 RD	137T x 25	116T X 25.4	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1						NBT110	
Tensioner 2							
Tensioner 3							
Guide / Idler # 1						NBT149	
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T217SK	T252SK	T229SK	T229SK	T1608SK	T1603SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLVO							
Model	VOLVO - C30 MPFI / 125KW	VOLVO - C30 MPFi / 162KW	VOLVO - X-Country MPFi / 147KW	VOLVO - C70 MPFi / 176KW	VOLVO - C70 MPFi / 176KW	VOLVO - C70 MPFi / 142KW	VOLVO - C70 MPFi / 142KW
Engine Size	2.4L DOHC 20V	2.5L DOHC 20V	2.4L DOHC 20V	2.3L DOHC 20V	2.3L DOHC 20V	2.4L DOHC 20V	2.4L DOHC 20V
Engine Type	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL
Year's	2007 - 8/10	2007 - 3/12	2000 - 04	1998 - 2/03	1998 - 2/03	1998 - 4/01	1998 - 4/01
Engine Code	B5244 S4	B5254 T3 & T7	B5244 T3	B5234 T3	B5234 T3	B5244 T	B5244 T
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info		2521cc	2435cc	To ENG # 1266127	From Eng # 1266128	To ENG # 1266127	From Eng # 1266128
Nason / Optibelt Kits Part No		KT1317	KT1317	KT1118	KT1317	KT1118	KT1317
Timing Cover							
Water Pump	W9339	W9339	W9339			W9339	W9339
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T311N	T311N	T311N	T252N	T311N	T252N	T311N
Size	142T x 23	142T x 23	142T x 23	148T x 23	142T x 23	148T x 23	142T x 23
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit			T252SK	T252SK	T311SK	T252SK	T311SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLVO							
Model	VOLVO - C70 MPFi / 125KW	VOLVO - C70 MPFi / 162KW	VOLVO - C70 MPFi / 169KW	VOLVO - S40 MPFi / 90KW	VOLVO - S40 MPFi / 90KW	VOLVO - S40 MPFi / 90KW	VOLVO - S40 MPFi / 90KW
Engine Size	2.4L DOHC 20V	2.5L DOHC 20V	2.5L DOHC 20V	1.8L DOHC 16V	1.8L DOHC 16V	1.8L DOHC 16V	1.8L DOHC 16V
Engine Type	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	2007 - 8/10	2006 - 10/08	2008 - 14	1996 - 01	1996 - 01	1999 - 3/01	1999 - 3/01
Engine Code	B5244 S4	B5254 T3	B5254 T7	B4184 S	B4184 S	B4184 S2	B4184 S2
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	2435cc	2521cc	2521cc	To Eng # 1219109	From Eng # 1219110	To Eng # 1219110	From Eng # 1219111
Nason / Optibelt Kits Part No		KT1317	KT1317	KT1118	KT1317	KT1118	KT1317
Timing Cover							
Water Pump		W9339	W9339				
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T311N	T311N	T311N	T252N	T311N	T252N	T311N
Size	142T x 23	142T x 23	142T x 23	148T x 23	142T x 23	148T x 23	142T x 23
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit				T252SK	T311SK	T252SK	T311SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLVO						
Model	VOLVO - S40 MPFi / 147KW	VOLVO - S40 MPFi / 147KW	VOLVO - S40 MPFi / 103KW	VOLVO - S40 MPFi / 103KW	VOLVO - S40 MPFi / 118KW	VOLVO - S40 MPFi / 118KW
Engine Size	1.9L DOHC 16V	1.9L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL
Year's	1997 - 9/00	1997 - 9/00	02/1997 - 05/04	02/1997 - 05/04	1998 - 7/00	1998 - 7/00
Engine Code	B4194 T & T2	B4194 T & T2	B4204 S & S2	B4204 S & S2	B4204 T & T2	B4204 T & T2
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	To Eng # 1219110	From Eng # 1219111	To Eng # 1219110	From Eng # 1219111	To Eng # 1219110	From Eng # 1219111
Nason / Optibelt Kits Part No	KT1118	KT1317	KT1118	KT1317	KT1118	KT1317
Timing Cover						
Water Pump						
Fan Clutch						
EGR COOLER						
Drive Align Tensioner	38287	38287	38287	38287	38287	38287
Timing Belt / Chain # 1	T252N	T311N	T252N	T311N	T252N	T311N
Size	148T x 23	142T x 23	148T x 23	142T x 23	148T x 23	142T x 23
Timing Belt / Chain # 2						
Size						
Hyd Tensioner						
Tensioner 1						
Tensioner 2						
Tensioner 3						
Guide / Idler # 1						
Guide / Idler # 2						
Guide / Idler # 3						
Guide / Idler # 4						
Guide / Idler # 5						
Guide / Idler # 6						
Cam Gear						
Crank Gear						
Aux / Oil Pump Gear						
Bal Shaft Gear						
Gskt / Seal Kit	T252SK	T311SK	T252SK	T311SK	T252SK	T311SK
Camshaft Seal						
Timing Cover Seal						
Aux / Balance Shaft Seal						
Oil Pump Shaft Seal						

NOTES

- NOK SEAL AVAILABLE.

VOLVO							
Model	VOLVO - S40 MPFi / 121/147KW	VOLVO - S40 MPFi / 125KW	VOLVO - S40 MPFi / 125KW	VOLVO - S40 DTi / 100KW	VOLVO - S40 DTi / 132KW	VOLVO - S60 TMPFi - 132KW	VOLVO - S60 DTi / 177KW
Engine Size	2.0L DOHC 16V	2.4L DOHC 20V	2.5L DOHC 20V	2.0L DOHC 16V	2.4L DOHC 20V	1.6L DOHC 16V	2.0L DOHC 20V
Engine Type	4CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	4CYL - DIESEL	5 CYL - DIESEL	4CYL - PETROL	5 CYL - PETROL
Year's	2000 - 5/04	06/2004 - 08/2010	06/2004 - 08/2010	2009 - 8/10	2007 - 10/09	2011 - ON	2011 - 14
Engine Code	B4204 T3 & T5	B5244 S4	B5254 S4/T3	D4204 T	D5244 T8	B4164T	B4204 T
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info		2435cc	2521cc				
Nason / Optibelt Kits Part No	KT1317	KT1496	KT1496	KT1428		FTK23	
Timing Cover							
Water Pump		W9339	W9339			W6409	
Fan Clutch							
EGR COOLER							
Drive Align Tensioner	38287					38331	
Timing Belt / Chain # 1	T311N	T311N	T311N	T1603		T1086 / N	
Size	142T x 23	142T x 23	142T x 23	116T X 25.4		117T X 22	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1				NBT110		475ST	
Tensioner 2							
Tensioner 3							
Guide / Idler # 1				NBT149			
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T311SK	T311SK	T311SK	T1603SK		T1086SK/Z	
Camshaft Seal						OSS0392 x 2	
Timing Cover Seal						OSS0289	
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLVO							
Model	VOLVO - S60 MPFi / 184KW	VOLVO - S60 MPFi / 125KW	VOLVO - S60 MPFi / 147KW	VOLVO - S60 MPFi / 154KW	VOLVO - S60 MPFi / 220KW	VOLVO - S60 DTi / 120KW	VOLVO - S60 DTi / 151KW
Engine Size	2.3L DOHC 20V	2.4L DOHC 20V	2.4L DOHC 20V	2.5L DOHC 20V	2.5L DOHC 20V	2.0L DOHC 20V	2.4L DOHC 20V
Engine Type	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5CYL - DIESEL	5CYL - DIESEL
Year's	2001 - 5/03	2001 - 9/09	2001 - 2/03	2003 - 9/09	2003 - 10/05	2011 - 14	2010 - 14
Engine Code	B5234 T3	B5244 S	B5244 T3	B5254 T2	B5254 T4	D5204 T3	D5244 T10
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	TO ENG # 3188688						

Nason / Optibelt Kits							
Part No	KT1317	KT1317	KT1317	KT1317	KT1317		
Timing Cover							
Water Pump	W9339	W9339	W9339	W9339	W9339		
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T311N	T311N	T311N	T311N	T311N		
Size	142T x 23	142T x 23	142T x 23	142T x 23	142T x 23		
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T311SK	T311SK	T311SK	T311SK	T311SK		
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLVO							
Model	VOLVO - S70 MPFI / 176KW	VOLVO - S70 MPFI / 176KW	VOLVO - S70 MPFI / 106KW	VOLVO - S70 MPFI / 125KW	VOLVO - S70 MPFI / 125KW	VOLVO - S70 MPFI / 142KW	VOLVO - S70 MPFI / 142KW
Engine Size	2.4L DOHC 20V	2.4L DOHC 20V	2.5L DOHC 10V	2.4L DOHC 20V	2.4L DOHC 20V	2.4L DOHC 20V	2.4L DOHC 20V
Engine Type	5 CYL - PETROL	5 CYL - PETROL	6 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL
Year's	1997 - 98	1997 - 98	1997 - 98	1998 - 1999	1998 - 1999	1997 - 00	1997 - 00
Engine Code	B5234 T3	B5234 T3	B5252 S	B5254 S	B5254 S	B5254 T	B5254 T
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	TO ENG # 1266127	FROM ENG # 1266128	TO ENG # 1266127	TO ENG # 1266127	FROM ENG # 1266128	AUTO	MANUAL
Nason / Optibelt Kits Part No	KT1118	KT1317	KT1290	KT1118	KT1317	KT1118	KT1317
Timing Cover							
Water Pump							
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T252N	T311N	T269N	T252N	T311N	T252N	T311N
Size	148T x 23	142T x 23	144T x 23	148T x 23	142T x 23	148T x 23	142T x 23
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T252SK	T311SK	T269SK	T252SK	T311SK	T252SK	T311SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLVO							
Model	VOLVO - V40 MPFi / 118KW	VOLVO - V40 MPFi / 121/147KW	VOLVO - V40 MPFi / 121KW	VOLVO - V50 MPFi / 125KW	VOLVO - V50 MPFi / 162KW	VOLVO - V50 DTFI / 100KW	VOLVO - V50 DTFI / 100KW
Engine Size	2.0L DOHC 16V	2.0L DOHC 16V	2.0L DOHC 16V	2.4L DOHC 20V	2.5L DOHC 20V	2.0L DOHC 16V	2.4L DOHC 20V
Engine Type	4CYL - PETROL	4CYL - PETROL	4CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	4CYL - DIESEL	5CYL - DIESEL
Year's	1998 - 7/99	1999 - 9/00	1999 - 5/04	2004 - 08/10	2004 - 08/10	2009 - 8/10	2007 - 10/09
Engine Code	B4204 T	B4204 T2	B4204 T2, T3 & T5	B5244 S4	B5254 T3	D4204 T	D5244 T8
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info		To ENG # 1219110	From ENG # 1219111	2435cc	2521cc		
Nason / Optibelt Kits Part No	KT1317	KT1118	KT1317	KT1496	KT1496	KT1428	
Timing Cover							
Water Pump							
Fan Clutch							
EGR COOLER							
Drive Align Tensioner	38287	38287	38287				
Timing Belt / Chain # 1	T311N	T252N	T311N	T311N	T311N	T1603	
Size	142T x 23	148T x 23	142T x 23	142T x 23	142T x 23	116T X 25.4	
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1						NBT110	
Tensioner 2							
Tensioner 3							
Guide / Idler # 1						NBT149	
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T311SK	T252SK	T311SK	T311SK	T311SK	T1603SK	
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLVO							
Model	VOLVO - V70 MPFI / 142KW	VOLVO - V70 MPFI / 103/125KW	VOLVO - V70 MPFI / 142KW	VOLVO - V70 MPFI / 142KW	VOLVO - V70 MPFI /147KW	VOLVO - V70 MPFI /154KW	VOLVO - XC70 EFI / 147KW
Engine Size	2.4L DOHC 20V	2.4L DOHC 20V	2.4L DOHC 20V	2.4L DOHC 20V	2.4L DOHC 20V	2.5L DOHC 20V	2.4L DOHC 20V
Engine Type	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL	5 CYL - PETROL
Year's	1997 - 8/00	1999 - 1/08	1999 - 8/00	1999 - 8/00	2000 - 5/03	2004 - 9/04	2000 - 2004
Engine Code	B5254 T	B5244 S & S2	B5254 T	B5254 T	B5244 T3	B5254 T2	B5244 T3
Drive Type	BELT	BELT	BELT	BELT	BELT	BELT	BELT
Chassis / Eng Info	FROM ENG # 1266128		TO ENG # 1266127	FROM ENG # 1266128		TO ENG # 3188688	
Nason / Optibelt Kits Part No	KT1317	KT1317	KT1118	KT1317		KT1317	KT1317
Timing Cover							
Water Pump							
Fan Clutch							
EGR COOLER							
Drive Align Tensioner							
Timing Belt / Chain # 1	T311N	T311N	T252N	T311N		T311N	T311N
Size	142T x 23	142T x 23	148T x 23	142T x 23		142T x 23	142T x 23
Timing Belt / Chain # 2							
Size							
Hyd Tensioner							
Tensioner 1							
Tensioner 2							
Tensioner 3							
Guide / Idler # 1							
Guide / Idler # 2							
Guide / Idler # 3							
Guide / Idler # 4							
Guide / Idler # 5							
Guide / Idler # 6							
Cam Gear							
Crank Gear							
Aux / Oil Pump Gear							
Bal Shaft Gear							
Gskt / Seal Kit	T311SK	T252SK	T311SK		T311SK	T311SK	T311SK
Camshaft Seal							
Timing Cover Seal							
Aux / Balance Shaft Seal							
Oil Pump Shaft Seal							

NOTES

- NOK SEAL AVAILABLE.

VOLVO				
Model	VOLVO - XC70 MPFI / 154KW	VOLVO XC90	VOLVO XC90	VOLVO XC90
Engine Size	2.5L DOHC 20V	2.4L DOHC 20V	2.5L DOHC 20V	2.9L DOHC 24V
Engine Type	5 CYL - PETROL	5 CYL - DIESEL	5 CYL - PETROL	6CYL - PETROL
Year's	2003 - 11/07	2005 - 14	2003 - 02/07	2003 - 9/06
Engine Code	B5254 T2	D5244 T4	B5254 T2	B6294T
Drive Type	BELT	BELT	BELT	BELT
Chassis / Eng Info				
Nason / Optibelt Kits Part No	KT1317		KT1317	
Timing Cover				
Water Pump				
Fan Clutch				
EGR COOLER				
Drive Align Tensioner				
Timing Belt / Chain # 1	T311N	T1580	T311N	T319N
Size	142T x 23	132T x 28	142T x 23	146T x 28
Timing Belt / Chain # 2				
Size				
Hyd Tensioner				
Tensioner 1				
Tensioner 2				
Tensioner 3				
Guide / Idler # 1				
Guide / Idler # 2				
Guide / Idler # 3				
Guide / Idler # 4				
Guide / Idler # 5				
Guide / Idler # 6				
Cam Gear				
Crank Gear				
Aux / Oil Pump Gear				
Bal Shaft Gear				
Gskt / Seal Kit		T311SK		
Camshaft Seal				
Timing Cover Seal				
Aux / Balance Shaft Seal				
Oil Pump Shaft Seal				
NOTES				
# - NOK SEAL AVAILABLE.				