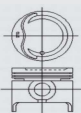
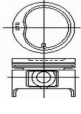
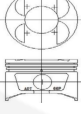
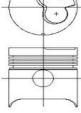
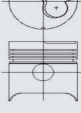
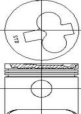
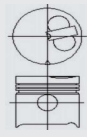
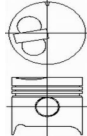
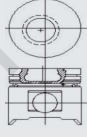
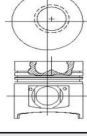
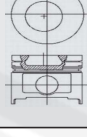
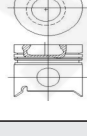
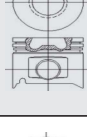
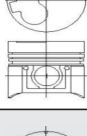
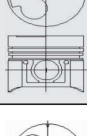
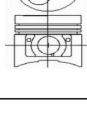
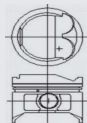
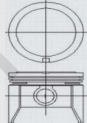
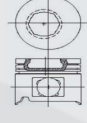
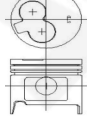
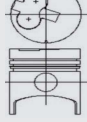
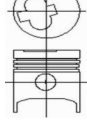
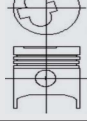
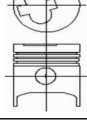


CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T11160	1SZ-FE	13101-23020 13103-23020	4	69	44.00	26.0 +0.2 -2.2	1.2 1.2 2.0	18.000	47.20		
T10250	1E	13101-10033 13103-10033	4	70.5	56.00	28.0 -1.0 -4.7	1.5 1.5 3.0	18.000	59.00		
T10950	1KR-FE	13101-40020 13101-40021 13101-40030	3	71	47.00	29.3 -3.0 -6.0	1.0 1.0 1.5	18.000	47.00		
T10951	1KR-FE	13101-40060	3	71	47.00	29.3	1.2 1.0 2.0	18.000	47.00		
T11140	2SZ	13101-23040	4	72	48.10	31.1 -8.0	1.0 1.0 1.5	18.000	47.00		
T11180	2SZ-FE	13101-03020 13101-0J020	4	72	46.20	28.2 -4.0	1.2 1.2 2.0	18.000	47.50		
T11190	3SZ-FE	13101-BZ100 13101-BZ140 13101-BZ170 13101-BZ020	4	72	45.50	28.0 -6.7	1.2 1.2 2.0	18.000	54.00		
T10260	2E EE80/90 CORLLA	13101-11050 13101-11051	4	73	58.00	30.0 -9.0	1.5 1.5 3.0	18.000	61.00		
T10740	3E EE90	13101-11081 13101-11080 13103-11080 13103-11081	4	73	62.00	30.0 -2.5	1.5 1.5 3.0	18.000	59.00		
T10270	4E	13101-11101	4	74	58.00	30.2 +3.5 -4.4	1.2 1.2 3.0	18.000	59.00		
T10280	5E	13101-11130 13101-11131	4	74	58.00	30.1 +0.65 -5.2	1.2 1.2 3.0	18.000	59.00		

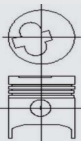
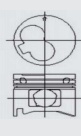
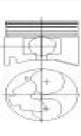
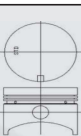
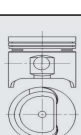
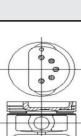
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10510	1N DIESEL ALFIN	13101-55020 13103-55020	4	74	67.80	38.5 -1.0 -2.0	1.5HK 1.5 3.0	23.500	58.00		
T10380	3K 4K	13101-24010 13101-24011	4	75	75.00	36	2.0 2.0 4.0	18.000	61.00		
T10390	4KE 4KU	13101-13022	4	75	69.00	36.0 -7.5	2.0 2.0 4.0	18.000	61.00		38*20.5
T10391	4KE 4KU	13101-13020	4	75	69.00	36.0 -7.0	1.5 1.5 4.0	18.000	61.00		46*22
T10520	2NZ	13101-21050	4	75	47.50	30.0 -4.0	1.2 1.2 3.0	18.000	56.00		42.7*18.8
T11030	1NZ	13101-21030	4	75	49.10	30.0 -6.0	1.2 1.2 2.0	18.000	53.00		43*19
T11110	1G-EU	13101-70010	6	75	62.50	32.5	1.5 1.5 4.0	18.000	61.00		48.5*21
T11120	2NZ	13101-21080	4	75	49.70	30.7 -6.0	1.2 1.2 2.0	18.000	53.00		
T11130	2NZ		4	75	49.70	30.8 -6.4	1.2 1.2 2.0	18.000	53.00		
T11200	1G-FE		4	75	62.70	32.5 -1.3 2.0	1.5 1.5 4.0	18.000	61.00		

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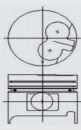
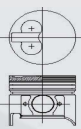
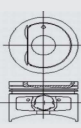
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				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T11250	2NZ	13101-21080	4	75	49.80	30.8 -3.5	1.2 1.2 2.0	18.000	53.00		
T11320	2NZ	13101-21040	4	75							
T11400	D16Y7	13010-PZE-000	4	75	49.90	29.8 -3.5	1.0 1.2 2.8	19.000			
T10010	2A AE80	13101-14020	4	76	64.80	33.8 -1.7	2.0 2.0 4.0	18.000	61.00		
T10020	3A	13101-15020	4	77.5	61.00	31.0 -3.0	1.5 1.5 2.8	18.000	61.00		
T10050	5A	13101-15050	4	78.7	55.50	30.5 -1.3	1.2 1.5 3.0	20.000	57.00		
T10780	5AF	13101-15040	4	78.7	59.70	30.6 +1.0	1.5 1.5 3.0	18.000	61.00		
T11360	MR479QA		4	78.7	55.50	30.5 -2	1.2 1.5 3.0	20.000			
T11370	8A	13101-14050 79144	4	78.7	63.70	34.5 +1.2	1.2 1.5 3.0	20.000			
T10710	1ZZ-FE	13101-22030 13101-22020 13101-22031 13101-22140	4	79	51.70	32.1 -5.7 -6.4	1.2 1.2 3.0	20.000	50.00		

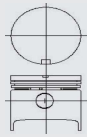
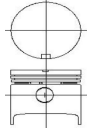
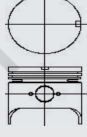
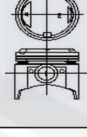
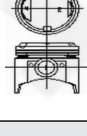
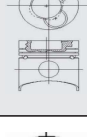
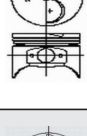
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10711	3ZZ-FE	13101-0D070	4	79	52.00	32.0 -1.7 -5.0	1.2 1.2 3.0	20.000	50.00		
T10712	1ZZ-FE 3ZZ-FE	13101-22110	4	79	52.00	32.0 -5.5	1.2 1.2 3.0	20.000	50.00		
T11390	3ZZ	13101-0D070	4	79	52.20	32.4	1.2 1.2 3.0	20.000			
T11380	COROLLA EX1.8/1ZZ	13101-22032	4	79	51.90	32.2	1.2 1.2 3.0	20.000			
T11381	COROLLA EX1.8	13101-22130	4	79	51.90	29.8	1.2 1.2 3.0	20.000			
T10400	5K	13101-13030	4	80.5	69.00	36.0 -8.5	1.5 1.5 4.0	18.000	61.00		
T10410	7K-B	13101-06030	4	80.5	58.60	33.8 -1.75 -10.0	1.5 1.5 4.0	20.000	57.00		
T10570	12R	13101-31020/21	4	80.5	80.00	39	2.0 2.0 4.0	20.000	66.00		
T10820	7K-A	13101-06050	4	80.5	58.70	33.5 -7.0	1.5 1.5 4.0	20.000	57.00		
T10990	1ZR	13101-37081	4	80.5	55.00	35.9 -4.2	1.0 1.0 1.5	20.000	50.00		

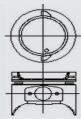
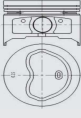
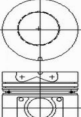
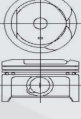
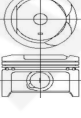
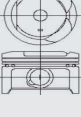
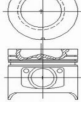
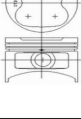
CANDA-TOYOTA

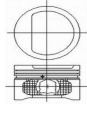
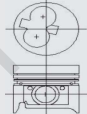
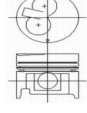
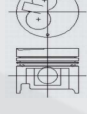
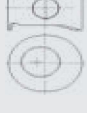
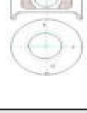
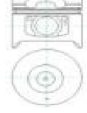
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T11000	2ZR	13101-37071	4	80.5	50.00	31.1 -6.4	1.0 1.0 1.5	20.000	50.00		
T11290	12R	13101-34020	4	80.5							
T11383	COROLLA 1.6	13101-37081 13101-37081 13101-37071	4	80.5	55.00	33.3	1.0 1.0 1.5	20.000			
T11350	7K		4	80.5	77.00	33.7 -6.3	1.5 1.5 4.0	20.000			
T11382	COROLLA 1.8	13101-37071	4	80.5	50.00	28.2 -6.3	1.0 1.0 1.5	20.000			
T10030	4A AE90 AE100 COROLLA	13101-16010	4	81	60.50	30.5 -3.0	1.5 1.5 2.8	18.000	61.00		
T10040	4AFE	13101-16120 13101-16160	4	81	55.70	30.5 -2.25 -2.55	1.2 1.5 3.0	20.000	57.00		
T10060	7AFE	13101-16150-01	4	81	55.50	30.5 -2.7 -3.6	1.2 1.5 3.0	20.000	57.00		
T10730	4AF AE92	13101-16090	4	81	61.00	30.5 -3.0 -3.1	1.5 1.5 3.0	18.000	61.00		
T11270	4AFZ 4AFE	13101-16201	4	81	55.50	30.5 -2.7	1.2 1.5 3.0	20.000			

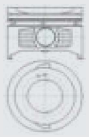
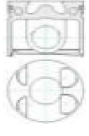
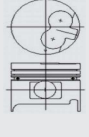
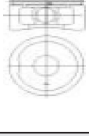
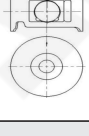
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T11500	2650		4	81	61.00	30.5	1.5 1.5 3.0	18.000			
T11780	L			82	80.6		2 2 4	22			
T11240	4S	13101-74160 13103-74160 13104-74160	4	82.5	67.80	35.0 -2.7	1.5 1.5 4.0	22.000	66.00		
T10170	1C DIESEL ALFIN	13101-64010 13101-64020	4	83	77.00	47.0 -1.2	2.0HK 2.0 4.0	27.000	68.00		
T10171	1C		4	83	77.00	47.0 -1.2	2.0 2.0 3.0	26.000	68.00		
T10180	1C-NEW DIESEL ALFIN	13101-64130	4	83	77.00	47.0 -1.2	2.0HK 2.0 3.0	27.000	58.00		
T10190	1CT DIESEL ALFIN	13101-64040 13103-64040	4	83	77.00	4.7 -0.8 -1.0	2.0HK 2.0 4.0	27.000	68.00		
T10500	5M	13101-43030 13101-43031	6	83	71.00	33.0 -3.9	2.0 2.0 4.0	22.000	66.00		
T10620	2T	13101-26030 13101-26010 13101-26011	4	85	91.10	39.0 +6.1	2.0 2.0 4.0	22.000	66.00		
T10630	3T 13TU RT130	13101-28010 13103-28010 13104-28010 13105-28010	4	85	82.50	35.2 +5.3	1.5 1.5 4.0	22.000	66.00		

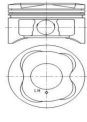
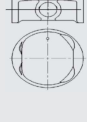
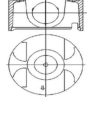
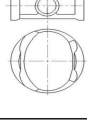
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10200	2C DIESEL ALFIN	13101-64090	4	86	77.00	47.0 -1.5	1.75HK 2.0 3.0	27.000	58.00		
T10210 T10201	2CD 2C-NEW DIESEL ALFIN	13101-64141 13101-64110	4	86	77.00	47.0 -1.4	2.0HK 2.0 3.0	27.000	58.00		
T10220	2CT DIESEL ALFIN	13101-64070	4	86	77.00	47.0 -1.35	2.0HK 2.0 4.0	27.000	61.00		
T10230	2CT-NEW alfin and with oil gallery	13101-64162 13101-64181 13101-64220 13101-64240	4	86	77.00	47.0 -1.5	2.0HK 2.0 3.0	27.000	61.00		
T10231	2CT-LATE DIESEL ALFIN	13101-64121 13101-64120	4	86	77.00	47.0 -1.5	2.0HK 2.0 3.0	27.000	61.00		
T10240	3C 3CT 3C-TE alfin and with oil gallery	13101-64150 13101-64151 13101-64210 13103-64151	4	86	72.50	42.5 -2.0 -3.0	2.0HK 2.0 3.0	27.000	61.00		
T10360	2JZ-GE CROWN 3YA	13101-46031 13101-46030	6	86	65.00	34.0 -6.7 -1.2	1.5 1.5 4.0	22.000	66.00		
T10530	1RZ	13101-75010	4	86	67.50	35.5 -4.4 -4.7	1.75 1.5 4.0	24.000	61.00		
T10650	1Y	13101-71010	4	86	74.00	39.0 -1.0 -2.0	1.5 1.5 4.0	22.000	66.00		
T10660	2Y	13101-72010	4	86	70.00	35.0 -1.0 -2.8	1.5 1.5 4.0	22.000	66.00		

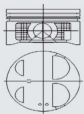
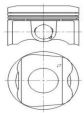
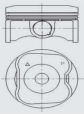
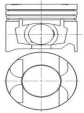
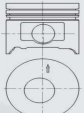
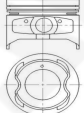
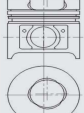
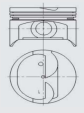
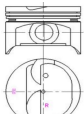
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10670	3Y	13101-73010	4	86	70.00	35.0 -4.8	1.5 1.5 4.0	22.000	66.00		
T10680	3YC	13101-73020	4	86	70.00	35.0 -1.8 -10.5	1.5 1.5 4.0	22.000	66.00		
T10760	1DZ-OLD DIESEL ALFIN	13101-78201	4	86	77.00	47.0 -2.3	2.0HK 2.0 4.0	27.000	58.00		
T10770	1DZ-NEW DIESEL ALFIN	13101-78202	4	86	76.50	46.4 -1.7 -2.2	2.0HK 2.0 3.0	27.000	68.00		
T10771	1DZ DIESEL ALFIN		4	86	77.00	47.0 -2.0	2.0HK 2.0 4.0	27.000	68.00		
T10860	2C	13101-64230 13101-64190	4	86	77.00	47.0 -2.0	2.0K 2.0 3.0	27.000	58.00		
T10880	3S-FE	13101-14180 13101-74180 13103-74180 13101-74191	4	86	59.00	35 -3.0	1.2 1.2 3.0	22.000	56.00		51.6*19.3
T10910	1TR-FE	13101-75120	4	86	55.00	35.0 -6.3	1.2 1.2 2.0	22.000	56.00		
T10980	3S-FE	13101-74100	4	86	67.80		1.5 1.5 4.0	22.000	66.00		
T11060	1AZ-FE	13101-28061	4	86	60.70	38.7 +2.2 -3.8	1.2 1.2 2.0	22.000	56.00		

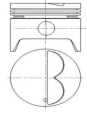
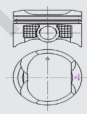
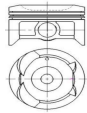
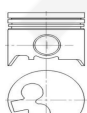
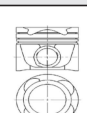
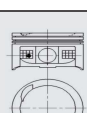
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T11040	3S-FE	13101-74040	4	86	68.40	35.0 -4.4	1.5 1.5 4.0	20.000	66.00		
T11150	2C		4	86	77.00	47	2.0HK 2.0 3.0				
T11210	1AZ-FSE	13211-28040	4	86	62.00	38.9 +3.0 -10.0	1.2 1.2 2.0	22.000	56.00		
T11330	3C	13101-64191	4	86							51*15.5
T11410	CAMRY 2.0	13211-28061	4	86	60.90	38.7	1.2 1.2 2.0	22.000			
T11420	1MZ-FE		4	86	56.50	34.5	1.2 1.2 2.0	22.000			
T11440	MSP013		4	86	58.20	36.4	1.5 1.2 2.0	24.000			
T11450	MSP011		4	86	60.90	36.4	1.2 1.0 2.0	22.000			57*16
T11540	7F1DZ	13101-78020		86	76.300		2.0HK 2 3	27.000	68.00		52.6*17.2
T11550	2C ALFIN STEEL IN	13101-64141A		86	76.900		2.0HK 2 3	27.000	58.00		

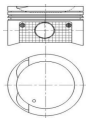
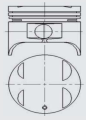
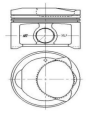
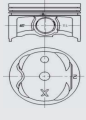
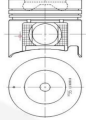
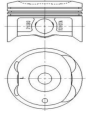
CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T11790	2C	13101-64090		86	77.4		1.7HK 2 3	27	58.5		
T11800	2C	1310164141		86	77.1		2HK 2 3	27	58.5		
T10610	5S	13101-74130 13101-03030 13101-74080	4	87	63.00	32.5 -5.0	1.5 1.5 4.0	22.000	66.00		
T11220	5S-FE	13101-03060	4	87	56.50	32.5 -4.5	1.2 1.2 3.0	22.000	66.00		
T11070	1MZ-FE	13101-20010 13101-20030 L R	6	87.5	51.20	31.2 -0.8 -2.4	1.2 1.2 3.0	22.000	54.00		
T11090	3VZ	L 13301-65040 13303-65040	6	87.5	62.90	34.0 3.5	1.5 1.5 4.0	21.000	63.00		
T11091	3VZ	R 13101-65040 13103-65040	6	87.5	62.90	34.0 -3.5	1.5 1.5 4.0	21.000	63.00		47*14.7
T11430	2JZ-GE-L		6	87.5	54.80	31	1.2 1.2 2.0	22.000			45*18
T11431	2JZ-GE-R		6	87.5	54.80	31	1.2 1.2 2.0	22.000			
T10350	2J-3G L	13101-48014 13081-48014 13085-48014	4	88	102.20	52.2 -1.0 -3.0	2.5HK 2.5 4.0	27.000	74.00		49*19

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10351	2J-3G R	13101-48015 13081-48015 13085-48015	4	88	102.00	52.2 -1.0 -3.0	2.5HK 2.5 4.0	27.000	74.00		
T10352	2J-4G L	13081-48012 13101-48012	4	88	102.20	52.2 -2.0	2.5HK 2.5 4.0	27.000	74.00		39.5*19.5
T10353	2J-4G R	13101-48013 13085-48013 13081-48013	4	88	102.20	52.2 -2.0	2.5HK 2.5 4.0	27.000	74.00		
T10560	5R	13101-44011/14	4	88	85.00	39	2.0 2.5 4.0	22.000	75.00		
T11100	5R	13101-44016	4	88	85.00	38.8 +0.3	2.0 2.5 4.0	22.000	75.00		
T10580	18R	13101-34010 13101-34030 13101-34040	4	88.5	84.80	39.8	2.0 2.5 4.0	22.000	76.00		42*18.5
T10900	2AZ-FE	13211-28110 13211-28111 13211-28112 13211-0H051 13211-0H052	4	88.5	55.80	35.8 -8.6	1.0 1.0 2.0	22.000	56.00		
T10960	2AZ-FE	13211-28030/1 13211-0H061	4	88.5	55.80		1.2 1.2 2.0	22.000	56.00		
T11260	20R	13101-38010	4	88.5	88.60	29.0 +2.7	2.0 2.5 4.0	22.000	75.00		
T11460	ACV30	13211-28031	4	88.5	55.80	33.5	1.2 1.2 2.0	22.000			

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10420	L-NEW LN40 DIESEL ALFIN	13101-54020 13101-54021	4	90	99.00	52.0 -1.3	2.0HK 2.0 4.0	27.000	74.00		
T10421	L-OLD LN30 DIESEL ALFIN	13101-54010 13101-54012	4	90	99.20	52.2 -1.4	2.5 2.0 4.0	27.000	74.00		
T10422	L-NEW LN50 DIESEL ALFIN	13101-54040 13101-54031	4	90	99.20	52.2 -1.4	2.0HK 2.0 4.0	27.000	74.00		
T11470	HIGH- LANDER 2.7	13101-36040	6	90	53.10	31.3	1.0 1.0 2.0	22.000			
T11480	5AR	13211-0V090-AO	4	90	57.00	38.5	1.0 1.0 2.0	22.000			
T11860	2J-3			90	102.2		2.5HK 2.5 4	27	74		
T11870	2J-4			90	102.2		2.5HK 2.5 4	27	74		
T10340	2H	13081-68010 13101-68010 13103-68010	6	91	102.20	52.2 -2.0	2.5HK 2.5 4.0	29.000	74.00		48*17.5
T10690	4Y	13101-73030	4	91	65.00	35.0 -6.2	1.5 1.5 4.0	22.000	66.00		
T10691	4Y		4	91	65.00	35.0 -1.7	1.5 1.5 4.0	22.000	66.00		

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10790	12HT ALFIN	13101-68020 13103-68020	6	91	91.30	56.3 -15.0	2.5HK 2.5 4.0	32.000	77.00		
T11490	4Y	13101-73030	4	91	65.00	35 -6.2	1.5 1.5 4.0	22.000			
T10430	2L DIESEL ALFIN	13101-54060 13103-54060 13104-54060 13105-54060	4	92	86.20	49.2 -1.3	2.0HK 2.0 4.0	27.000	74.00		
T10590	22R	13101-35010/20	4	92	92.50	39.0 +1.5 +6.5	2.0 2.5 4.0	22.000	75.00		
T10600	22RE	13101-35030/31	4	92	64.00	35.0 -1.8	1.5 1.5 4.0	22.000	70.00		
T10440	2L-NEW DIESEL ALFIN	13101-54070 13103-54070 13104-54070 13105-54070	4	92	80.20	44.2 -1.5	2.0HK 2.0 4.0	27.000	70.00		
T10441	2L-NEW DIESEL ALFIN	13101-54130 13103-54130 13104-54130 13105-54130	4	92	80.30	44.3 -0.8 -3.0	2.0HK 2.0 4.0	27.000	70.00		
T10450	2LT DIESEL ALFIN	13101-54030 13101-54050 13101-54080 13103-54030 13103-54050 13103-54080 13104/5-54030	4	92	86.20	49.2 -2.0	2.0HK 2.0 4.0	29.000	74.00		
T10460	2LT alfin and with oil gallery	13101-54041	4	92	80.30	44.3 -0.2 -2.0	2.0HK 2.0 4.0	29.000	74.00		
T10461	2LT alfin and with oil gallery	13101-54140 13103-54140 13104-54140 13105-54140	4	92	80.30	44.3	2.0HK 2.0 4.0	29.000	74.00		

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10470	2LT-NEW DIESEL ALFIN	13101-54090 13101-54111 13103-54090 13103-54091 13101-54090/1 13104-54091 13105-54090/1	4	92	80.30	44.3 -2.4	2.0HK 2.0 4.0	29.000	70.00		
T10830	2KD alfin and with oil gallery	13101-30030 13101-30031 13103-30030 13103-30031 13101-0L020 13101-0L022	4	92	82.20	54.2 -6.7 -19.5	2.0 1.5 3.0	34.000	65.00		
T10840	2LT-NEW alfin and with oil gallery	13101-54090 13101-54091 13101-54111 13103-54090 13103-54091 13104-54090 13104-54091 13105-54090 13105-54091	4	92	80.30	44.3 -2.4	2.0HK 2.0 4.0	29.000	74.00		
T11170	2GD alfin and with oil gallery	13101-0E010 13101-11180	4	92	78.20	53.2 -4.0 -13.5	2.0HK 1.5 3.0	31.000	67.00		
T11600	DT6 ALFIN	13101-3030-02		92	82.200		2 1.5 3	34.000	65.00		
T11560	TIGER ALFIN STEEL IN	13101-54130		92	80.300		2.0HK 2 4	27.000	70.00		
T11570	TIGER STEEL IN			92	80.300		2 2 4	27.000	70.00		
T11580	2KD ALFIN	13101-0L020		92	82.200		2 1.5 3	34.000	65.00		56*13.5
T11590	2KD ALFIN OIL GALLERY	13101-0L020/13101-30031A		92	82.200		2 1.5 3	34.000	65.00		

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T11610	K58 ALFIN OIL GALLERY			92	82.200		2 1.5 3	34.000	65.00		55.5*6.7
T11620	2L-T ALFIN STEEL IN	13101-54091 13101-54080 13101-54030 13101-54050		92	86.300		2.0HK 2 4	29.000	74.00		
T11630	2L STEEL IN	13101-54060		92	86.300		2.0HK 2 4	27.000	74.00		
T11640	2L ALFIN STEEL IN	13101-54060		92	86.300		2.0HK 2 4	27.000	74.00		
T11650	PR80740 ALFIN OIL GALLERY			92	82.200		2 1.5 3	34.000	65.00		59.3*18.8
T11850	2KD	13101-30030		92	82.2		2 1.5 3 1.2K 异形刀	34	65		
T11810	2L	13101-54070		92	80.5		T1.53 2 4	27	70		
T11820	2L	13101-54090		92	86.1		T1.53 2 4	29	74		
T10920	5VZ-FE	13101-62060	6	93.5	63.00	34.0 -4.8	1.5 1.5 4.0	22.000	62.00		
T10300	2F	13101-61010 13101-61011	6	94	95.80	47.6 +0.2	2.0 2.5 4.0	25.150	72.00		
T10310	3F	13101-61030	6	94	79.50	37.5	1.5 1.5 4.0	22.000	76.00		
T10320	1HD-T DIESEL ALFIN	13101-17040 13103-17040	6	94	80.70	49.7 -16.3	2.0HK 2.0 4.0	33.000	73.00		
T10330	1HZ DIESEL ALFIN	13101-17010	6	94	80.50	43.6 -1.5	2.0HK 2.0 4.0	29.000	65.00		

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10870	1HD-FT alfin and with oil gallery	13101-17080 13101-17090 13101-17091 13103-17080 13103-17090	6	94	80.40	49.4 -12.5 -18.5	2.0HK 2.0 4.0	33.000	73.00		
T10930	2UZ-FE head, top and 2nd ring lands anodized	L: 13301-50040 13303-50040	8	94	57.80	33.8 +2.6 -9.4	1.5 1.5 4.0	22.000	62.00		
T10931	2UZ-FE head, top and 2nd ring lands anodized	R: 13101-50050 13103-50050	8	94	57.80	33.8 +2.6 -9.4	1.5 1.5 4.0	22.000	62.00		
T11510	UZJ200-R	13101-50072	4	94	57.20	36.3	1.2 1.2 3.0	22.000			
T11511	UZJ200-L	13101-50082	4	94	57.20	36.3	1.2 1.2 3.0	22.000			
T11520	1GR	13101-31030-BO	4	94	56.50	35.5	1.2 1.2 2.0	22.000			
T10070	B-NEW 1B DIESEL ALFIN	13101-56050	4	95	101.50	52.3 -2.5 -4.2	2.5HK 2.0 4.0	29.000	72.00		
T10080	BU15 B-OLD B-4G DIESEL ALFIN	13101-56011 13101-56010	4	95	101.30	52.3 -2.8	2.5 2.5 2.5 4.5	29.000	79.00		
T10081	BU15 DIESEL ALFIN		4	95	101.30	52.3 -2.8	2.5HK 2.5 2.5 4.5	29.000	79.00		
T10082	B-3G	13101-56020	4	95	101.30	52.3 -3.2	2.5HK 2.5 4.5	29.000	79.00		
T10120	11B K23 BU84 BU76 DIESEL ALFIN	13101-56060	4	95	90.50	55.5 -20.3	2.5HK 2.0 4.0	32.000	72.00		
T10540	2RZ	13101-75020	4	95	67.60	35.5 -5.8 -6.2	1.75 1.5 4.0	24.000	70.00		
T10550	3RZ	13101-75050	4	95	61.00	37.5 -2.0 -5.4	1.75 1.5 4.0	24.000	70.00		
T10750	2RZ-E	13101-75080	4	95	59.00	35.2 -6.0	1.75 1.5 4.0	24.000	70.00		
T10850	3RZ-FE	13101-75040 13101-75041	4	95	61.00	37.5 -2.6	1.5 1.5 4.0	24.000	70.00		
T10890	2TR-FE	13101-0C020 13101-75130 13103-75130	4	95	59.30	39.3 -8.2	1.2 1.2 2.0	22.000	62.00		

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10940	2RZ-FE	13101-75070	4	95	59.00	35.5 -1.0	1.5 1.5 4.0	24.000	70.00		
T11050	11B	13101-56042	4	95	98.40	63.4 -18.2	2.5 2.5 4.5	34.000	76.00		
T11080	2TZ-FE	13101-76041	4	95	67.50	35.5 -2.5	1.75 1.5 4.0	24.000	70.00		
T11340	B	13010-56020	4	95							
T11530	XCE95		4	95	59.30	35.5	1.2 1.2 2.0	24.000			
T10370	1KZ alfin and with oil gallery	13101-67030 13103-67030 13104-67030 13105-67030	4	96	80.70	45.7 -2.2	2.0HK 2.0 3.0	34.000	73.00		
T10371	1KZ-TE alfin and with oil gallery	13101-67050 13103-67050 13104-67050 13105-67050	4	96	80.70	45.7 -0.7	2.0HK 2.0 3.0	34.000	73.00		
T10480	3L DIESEL ALFIN	13101-54100 13101-54101	4	96	80.30	42.3 -2.0	2.0HK 2.0 4.0	29.000	74.00		
T10700	1Z DIESEL ALFIN	13101-78300 13101-96300	4	96	94.40	56.5 -3.0 -15.7	2.0 2.0 4.0	32.000	77.00		
T10970	1KD-FTV alfin and with oil gallery	13101-30020	4	96	77.60	49.6	2.0HK 1.5 3.0	34.000	73.00		
T11010	1KD-FTV alfin and with oil gallery	13101-30060 13102-30060 13103-30060 13104-30060	4	96	78.50	49.6 -3.7 -16.1	2.0HK 1.5 3.0	34.000	73.00		
T11660	1KD ALFIN OIL GALLERY			96	78.400		2.0HK 1.5 3	34.000	73.00		
T11670	PR80742 ALFIN OIL GALLERY			96	78.400		2.0HK 1.5 3	34.000	73.00		
T11680	1KZ ALFIN OIL GALLERY			96	80.800		2.08K 2 3	34.000	73.00		
T11880	1Z	78300-71		96	92.4		2 2 4	32	77		
T11830	3L	13101-54101		96	80.3		T1.52 2 4	29	74		
T10090	2B DIESEL ALFIN	13101-57011 13101-57020 13101-57022	4	98	101.30	52.3 -2.8 -4.0	2.5HK 2.5 4.5	29.000	79.00		
T10720	2Z DIESEL ALFIN	13101-78700	4	98	88.00	50.0 -8.5 -15.7	2.0 2.0 4.0	32.000	77.00		
T10721	2Z-7F	13101-78702 13103-78701 13105-78701	4	98	88.00	50.0 -6.3 -17.2	2.0 2.0 4.0	32.000	77.00		

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10800	13Z	13101-78761	6	98	94.50	56.5	2.0 2.0 4.0	32.000	77.00		
T10801	13Z	13101-78762	6	98	94.50			32.000	77.00		
T10810	14Z	13101-78781	6	98	88.00	50	2.0 2.0 4.0	32.000	77.00		
T11690	13Z	13101-78762		98	84.500		2 2 4	32.000	77.00		
T10490	5L alfin and with oil gallery	13101-54120 13103-54120	4	99.5	80.30	42.3 -1.0 -2.4	2.0HK 1.5 4.0	29.000	74.00		
T11700	PR80722 ALFIN OIL GALLERY			99.5	80.300		2.0HK 1.5 4	29.000	74.00		
T11710	PR80722 ALFIN OIL GALLERY			99.5	80.300		2.0HK 1.5 4	29.000	74.00		
T10290	1FZ-FE/A	13101-66020	6	100	76.00	42.0 -4.0	2.0 2.0 4.0	26.000	63.00		
T11720	PR61705 OIL GALLERY STEEL IN			100	104.900		2.5 2 4.5	34.000	82.00		
T11730	FD33 ALFIN STEEL IN	12011-T9304-PS		100	98.200		3.0HK 2 4.5	34.000	85.00		
T11840	5L	13101-54120		100	80.6		1.55 1.5 4	29	74.8		
T10100	3B DIESEL ALFIN	13101-58011 13101-58012	4	102	101.20	52.2 -2.5 -5.0	2.5HK 2.5 4.5	32.000	84.00		
T10110	3BC 3B-LATE DIESEL ALFIN	13101-58050 13103-58050 13104-58050 13105-58050	4	102	101.20	55.2 -2.4 -5.2	2.5HK 2.0 4.0	32.000	72.00		
T10130	13B DIESEL ALFIN	13101-58020 13101-58021	4	102	104.50	63.5 -15.0 -22.0	2.5 2.5 4.0	34.000	84.00		
T10140	14B DIESEL ALFIN	13101-58040 13103-58040 13104-58040 13105-58040	4	102	87.00	52.0 -19.0	2.5HK 2.0 4.0	32.000	72.00		
T10150	14BT DIESEL ALFIN	13101-58060	4	102	94.80	59.8 -19.0	3.0HK 2.0 4.0	34.000	79.00		
T11020	14B	13101-58041	4	102	87.00	52.0 -18.8	2.5HK 2.0 4.0	32.000	72.00		
T11740	13B STEEL IN	13101-58021 13101-58020		102	104.400		2.5 2.5 4.5	34.000	84.00		
T11750	13B ALFIN STEEL IN	13101-58020		102	104.400		2.5 2.5 4.5	34.000	84.00		

CNA NO.	ENGINE TYPE	OEM NO.	NO. CYL	PISTON				PIN		HEAD TYPE	COMBUSTION HOTE
				DIA	LENGTH	COMP. DIST	RING	DIA	LENGTH		
T10640	1W WO4D DIESEL ALFIN	13101-78020 13101-78060	4	104	106.00	60.5 -1.2 -19.2	2.5 2.0 5.0	35.000	85.00		
T11230	N04C alfin and with oil gallery	13216-E0010 13211-78170	4	104	100.00	60.2 -8.5 -18.8	2.5 2.0 4.0	37.000	85.00		
T10160	15B DIESEL ALFIN	13101-58080 13101-58090	4	108	94.50	59.6 -14.2 -21.3	3.0HK 2.0 4.0	34.000	73.00		
T11770	PR80702			110	113.300		4 3 5	36.000	95.00		
T11760	1KZ OIL GALLERY			96	80.7		2.0HK 2 3	34.000	73.00		
T11280	7AFZ	13101-16190	4								
T11300	22RE	13101-35031									
T11310		13101-35020									