

TOYOTA

C.S. NO.	TOYOTA O.E.M. REF.NO.	MODEL & DESCRIPTION	NO. CYL	CYL. DIA.	HEAD TYPE NO.	PISTON				PIN		REMARKS
						LONG	COMP. DIST.	RING		DIA	LONG	
								COMP.	OIL			
23101	13101-12010	2K	4	72.0	1	72	36	2-2.0	1-4.0	18	58	
23157	13101-11051 13101-11050	2E	4	73.0	213	58	30.0-8.9	2-1.5	1-3.0	18	59	
23191	13101-11081	3E	4	73.0	310	62	30.0-2.9	2-1.5	1-3.0	18	59	
23189		5E	4	73.0	213	58	30.0-7.7	2-1.5	1-3.0	18	59	
23222	13101-55020-02	1N	4	74.0	215	67.5	38.5-0.9	1-1.5K 1-1.5	1-3.0	23.5	58	
23187		3E	4	74.0	266	61.5	30.2+3.5-0.4	2-1.2	1-3.0	18	59	
23188	13101-11130 13101-11131 13101-11161	4E	4	74.0	266	58.6	29.7+0.7-0.2	2-1.2	1-3.0	18	59	
23250	13101-11170-01	4EFE	4	74.0	266	51	30.0+4.5	2-1.2	1-3.0	18	53	
23158	13101-70020	1GE	6	75.0	173	67.6	32.6+5.0	2-1.5	1-4.0	18	61	
23231		1G-EU	6	75.0	299	62.5	32.5	2-1.5	1-4.0	18	61	
23242		1GFE	6	75.0	273	62.5	32.5-1.1	2-1.5	1-4.0	18	61	
23230		1G-FE	6	75.0	321	62.5	32.5	2-1.5	1-4.0	18	61	
23104	13101-42011	2M	6	75.0	72	78.1	32.5+7.6	2-2.0	1-4.0	22	63	
23130	13101-42010	2M	6	75.0	72	80.2	33.5+8.7	2-2.0	1-4.0	22	63	
23102	13101-24010 13101-24011	3K	4	75.0	1	75	36	2-2.0	1-4.0	18	61	
23102E	13101-24101	3K	4	75.0	1	75	36	2-2.0	1-4.0	18	61	
F-23272		VIOS 1500	4	75.0	35	49.8	30.7-5.2	2-1.2	1-2.0	18	53	
23103	13101-13022 13101-13021 13101-13020	4K	4	75.0	189	69	36.0-4.0-6.7	2-1.5	1-4.0	18	61	
23151	13101-14020	2A	4	76.0	205	64.8	33.8-1.2	2-2.0	1-4.0	18	61	
23108	13101-96001	4P	4	76.6	1	71	33	2-2.0	1-4.0	20	65	
23107	13101-23010 13101-23011 13101-21010	4P 3P 2P	4	76.6	1	76	38	2-2.0	1-4.0	20	65	
23185	13101-15020	3AU	4	77.5	67	61	31.0-3.0	2-1.5	1-2.8	18	61	
23140	13101-15010	IAC.IAU	4	77.5	168	61	31.0-3.2	2-1.5	1-2.8	18	61	
23109HA		2R	4	78.0	1	77.5	38.5	1-2.0 1-2.5	1-4.0	20	66	

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						LONG	COMP. DIST.	RING		DIA	LONG	
								COMP.	OIL			
23109	13101-31010 13101-31011	2R NEW	4	78.0	1	78	39	1-2.0 1-2.5	1-4.0	20	66	
23150	13101-31010 13101-31011	2R	4	78.0	1	77.62	38.53	1-2.0 1-2.5	1-4.0	20	66.16	
23243	13101-15050-03	5A	4	78.7	153	55.5	30.5-1.6	2-1.5	1-3.0	20	56	
23243G		5A	4	78.7	153	55.5	30.5-1.6	1-1.2 1-1.5	1-3.0	20	56	
23212	13101-15040	5A 5AF	4	78.7	218	59.7	30.6-1.9	2-1.5	1-3.0	18	61	
23241	13101-14050	8A	4	78.7	214	63.6	34.55+1.1	1-1.2 1-1.5	1-3.0	20	56.2	
23236	13081-48014 13081-48015 13101-22020	1ZZFE ALTIS 1.8	4	79.0	35	51.6	29.9-4.2+2.3	2-1.2	1-3.0	20	50	
23236H	13101-22030	1ZZFE ANODIZED ALTIS 1.8	4	79.0	35	51.6	32.2-6.5	2-1.2	1-3.0	20	50	
F-23236H1	13101-ODO62	1ZZFE ANODIZED GRAPHITE SKIRT	4	79.0	35	51.8	32.3-6.4	2-1.2	1-3.0	20	50	
23249	13101-0D070	3ZZFE ANODIZED ALTIS 1.6	4	79.0	35	52.2	32.2-3.9	2-1.2	1-3.0	20	50	
23111	13101-45011	4M	6	80.0	146	81.5	33.0+10.5	2-2.0	1-4.0	22	63	
23139	13101-45021 13101-45020	4ME	6	80.0	125	71	33.0-2.2	2-2.0	1-4.0	22	63	
23113	13101-31020 13101-31021 13101-31022	12R	4	80.5	1	80	39	2-2.0	1-4.0	20	66	
23197	13101-63010	1S	4	80.5	272	67.8	33.0-1.1	2-1.5	1-4.0	20	66	
23154	13101-13030	5K	4	80.5	67	68.9	36.0-8.5	2-1.5	1-4.0	18	61	
23180	13103-13040	5K	4	80.5	5	69	36.0-3.0	2-1.5	1-4.0	18	61	
23211H	13101-06030	7KE	4	80.5	337	58.7	33.8-6.2	2-1.5	1-4.0	20	56	
23211U	13101-06040	7K	4	80.5	337	58.7	33.8-9.7	2-1.5	1-4.0	20	56	
23106	13101-16010	4AC	4	81.0	193	60.5	30.5-3.0	2-1.5	1-2.8	18	61	
23159	13101-16090	4AF	4	81.0	218	61.1	30.6-3.0-2.8	2-1.5	1-3.0	18	61	
23181		4AF	4	81.0	218	60.5	30.5-2.9	2-1.5	1-2.8	18	61	
23159IG	13101-16090	4AF	4	81.0	218	61.1	30.6-3.0-2.8	2-1.5	1-2.8	18	61	
23174	13101-16171	4AFE	4	81.0	229	55.5	30.5-2.7	1-1.2 1-1.5	1-3.0	20	56	
23192	13101-16160	4AFE	4	81.0	229	55.6	30.5-2.5	1-1.2 1-1.5	1-3.0	20	56	
23105HG	13101-16030	4AG HC	4	81.0	232	65	30.5+0.5+0.2	2-1.5	1-2.8	18	61	

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						LONG	COMP. DIST.	RING		DIA	LONG	
								COMP.	OIL			
23105	13101-16020	4AG LC	4	81.0	204	64.7	30.5+0.2-1.2	2-1.5	1-2.8	18	61	
23175	13101-16070-02	4AGE	4	81.0	204	64.5	30.5+0.3	2-1.5	1-2.8	20	61	
23182		4AGE	4	81.0	214	66	30.5+1.5-0.3	1-1.2 1-1.5	1-2.8	20	60.5	
23165I	13101-16050	4AL	4	81.0	193	60.5	30.5-2.3	2-1.5	1-2.8	18	61	
23254		4AGEU	4	81.0	92	50.2	30.4+1.8	1-1.2 1-1.5	1-3.0	20	53.6	
23172U	13101-16190 13101-16150	7AFE	4	81.0	245	56	30.5-3.4	1-1.2 1-1.5	1-3.0	20	56	
23172			4	81.0	245	56	30.5-3.4	1-1.2 1-1.5	1-3.0	20	56	
F-23273JY	13211-OWO11-01	1CD-FTV GALLERY GRAPHITE SKIRT	4	82.2	355	74.9	47.9-17.5	1-2.0 1-1.5	1-3.0	31	68	
23216	13101-74071-02	4S	4	82.5	319	70.3	35.4-3.2	2-1.5	1-4.0	20	66	
23244	13103-74160	4S	4	82.5	252	67.8	35.0-2.4	2-1.5	1-4.0	22	66	
23164IK	13101-64060	1C	4	83.0	95	77	47.0-0.9-1.2	1-2.0k 1-2.0	1-3.0	27	58	
23143J	13101-64010 13101-64020	1C OLD	4	83.0	95	77	47.0-1.2	1-2.0k 1-2.0	1-4.0	27	68	
23240	13101-64130	1C NEW	4	83.0	95	76.9	47.0-1.0-1.3	1-2.0k 1-2.0	1-3.0	27	58.5	
23221	13101-64040	1CT	4	83.0	95	77	47.0-1.1	1-2.0k 1-2.0	1-4.0	27	68	
23162	13101-43041 13101-43040	5M	6	83.0	85	72.5	33.0+1.5	2-1.5	1-4.0	22	66	
23168H	13101-43031-02	5M	6	83.0	217	70.8	33.0-3.8	2-2.0	1-4.0	22	66	
23208		5M	6	83.0	203	74.1	32.9+3.3	2-1.5	1-4.0	22	66	
23167V		5ME	6	83.0	85	71.9	32.6+1.3	2-1.5	1-4.0	22	66	
23168IV	13101-43031	5MGE	6	83.0	217	71	33.0-3.8	2-2.0	1-4.0	22	66	
23161	13101-42070-02	7MG	6	83.0	221	71	33.0-3.3	2-1.5	1-4.0	22	66	
23223	13101-42050	7MGTE	6	83.0	245	71	33.0-5.8	2-1.5	1-4.0	22	66	
23155	13101-37060 13101-37061	21R	4	84.0	210	65.5	35.0+2.5	2-1.5	1-4.0	22	66	
23160	13101-37020	21R	4	84.0	194	85.3	38.9+6.8	1-1.5 1-2.0	1-4.0	22	72	
23141C	13101-37010	21R	4	84.0	34	84	39.0+5.0	2-2.0	1-4.0	22	72	
23141HA	13101-37030	21R	4	84.0	12	84	39.0+5.0	1-1.5 1-2.0	1-4.0	22	72	

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						LONG	COMP. DIST.	RING		DIA	LONG	
								COMP.	OIL			
23141	13101-37050	21RU	4	84.0	34	84	39.0+5.0	1-1.5 1-2.0	1-4.0	22	72	
23179	13101-74010 13101-74011	2SELC 2S	4	84.0	249	69.9	33.0-4.4	2-1.5	1-4.0	20	66	
23245	13101-27040	13T	4	85.0	347	97.3	39.0+0.2+16.6	2-1.5	1-4.0	22	65	
23112	13101-26011 13101-26010	2T	4	85.0	85	91.1	39.0+6.0	2-2.0	1-4.0	22	66	
23128B	13101-26030	2T	4	85.0	85	91.8	39.0+6.8	2-2.0	1-4.0	22	66	
23128HD	13101-26010	2T	4	85.0	85	90.4	38.97+5.5	2-2.0	1-4.0	22	66.38	
23145	13101-26020	2T	4	85.0	110	99	39.0+14.0	2-2.0	1-4.0	22	66	
23128	13101-26011	2TB	4	85.0	85	90.8	39.0+5.8	2-2.0	1-4.0	22	66	
23145A	13101-26021	2TC	4	85.0	110	99	39.0+14.0	2-2.0	1-4.0	22	66	
23128A	13101-26040	2TJ	4	85.0	85	90.8	39.0+5.8	2-1.5	1-4.0	22	66	
23128C	13101-26031	2T-U	4	85.0	85	91.8	39.0+6.8	2-1.5	1-4.0	22	66	
23132	13101-28010	3TC	4	85.0	85	82.5	35.2+5.3	2-1.5	1-4.0	22	66	
23132B	13101-26030	3TC	4	85.0	85	82.5	35.2+5.3	2-1.5	1-4.0	22	66	
F-23266	13101-28061	1AZ MOS2	4	86.0	284	60.8	40.8-5.8-2.15	2-1.2	1-2.0	22	56	
23232J	13101-78201-71	1DZ anodized head	4	86.0	105	77	47.0-1.9	1-2.0k 1-2.0	1-4.0	27	68	
23228	13101-78700-71	1RZ	4	86.0	276	59	35.5-4.4	1-1.75 1-1.5	1-4.0	24	61	
23214HU	13101-75030	1RZ	4	86.0	337	67.5	35.5-6.7	1-1.75 1-1.5	1-4.0	24	61	
23214	13101-75010	1RZ anodized head	4	86.0	324	67.5	35.5-4.5	1-1.7 1-1.5	1-4.0	24	61	
23166V	13101-71010	1Y	4	86.0	235	73.5	39.0-2.0	2-1.5	1-4.0	22	66	
23183J	13101-64141-01 13101-64110	2C	4	86.0	95	77	47.0-1.4	1-2.0k 1-2.0	1-3.0	27	58	
23183JH	13101-64090	2C	4	86.0	95	77	47.0-1.4	1-1.75k 1-2.0	1-3.0	27	58	
23183JG		2C	4	86.0	95	77	47.0-1.4	1-2.0k 1-2.0	1-4.0	27	58	
23184J	13101-64030	2C	4	86.0	95	77	47.0-1.3	1-2.0k 1-2.0	1-4.0	27	68	
F-23263J	13101-64181	2CT Gallery cooling Anodized head	4	86.0	95	77	47.0-1.4	1-2.0k 1-2.0	1-3.0	27	66	
F-23255J	13101-64150	3C Gallery cooling	4	86.0	286	72.5	42.5-3.0-2.1	1-2.0k 1-2.0	1-3.0	27	61	
23110	13101-72010	2Y	4	86.0	67	70	35.0-2.03	2-1.5	1-4.0	22	66	

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						LONG	COMP. DIST.	RING		DIA	LONG	
								COMP.	OIL			
23176	13101-74100-02	3SFE	4	86.0	252	67.9	35.0-5.0	2-1.5	1-4.0	22	66	
23193	13101-74030 13103-74120	3SFE	4	86.0	253	68.5	35.5-4.5	2-1.5	1-4.0	20	66	
23205	13101-74170	3SFE	4	86.0	252	65.5	35.0-4.1	2-1.5	1-4.0	22	66	
23206	13101-74120	3SFE	4	86.0	253	68.5	35.5-3.3	2-1.5	1-4.0	20	66	
23238	13101-74191-01	3SFE	4	86.0	252	59.1	35.0-3.9	2-1.2	1-3.0	22	56	
23203	13101-88362	3SGE	4	86.0	288	62.2	35.1+2.1	1-1.2 1-1.5	1-4.0	22	66	
23204	13101-88363	3SGE	4	86.0	288	71.6	35.1+4.5	1-1.2 1-1.5	1-4.0	22	66	
23209	13101-74032	3SGELC	4	86.0	280	67	35	1-1.2 1-1.5	1-4.0	22	66	
23146	13101-73010	3Y	4	86.0	67	70	35.0-4.8	2-1.5	1-4.0	22	66	
23146U		3Y	4	86.0	67	69.6	34.4-5.8	2-1.5	1-4.0	22	66	
23114	13101-33010	6R.7R.8R	4	86.0	1	84.8	39.8	1-2.0 1-2.5	1-4.0	22	73	
23234	13101-46030	JZS13 MOS2	6	86.0	273	65	34.0-1.1	2-1.5	1-4.0	22	66	
23225		PREMIO 2.0	4	86.0	252	59.1	35	2-1.2	1-3.0	22	55	
23194	13101-74080-1	5SFE	4	87.0	253	63	32.6-5.0	2-1.5	1-3.0	22	66	
23239	13101-03060	5SFE	4	87.0	252	56.5	32.5-4.5	2-1.2	1-3.0	22	66	
23177	13101-74130-02	5S-SEV	4	87.0	253	63	32.5-4.7	2-1.5	1-4.0	22	66	
23201L	13301-20010	1MZFE anodized head MOS2	6	87.5	321	51	31.2	2-1.2	1-3.0	22	54	CAMRY/LEXUS
23201R	13101-20010	1MZFE anodized head MOS2	6	87.5	321	51	31.2	2-1.2	1-3.0	22	54	CAMRY/LEXUS
23195	13101-62020-1	2VSFE ANODIZED	6	87.5	254	65.2	32.3-2.2	2-1.5	1-3.0	21	63	
23178	13101-62040-02	3VS-FE	6	87.5	254	62.2	34.0-3.4	2-1.5	1-4.0	22	62	
23178X	13101-62040-02	3VZ anodized head	6	87.5	254	62.2	34.0-3.4	2-1.5	1-4.0	22	62	
23190L	13301-65040(L)	3VZE	6	87.5	272	63	34.0-3.9	2-1.5	1-4.0	21	63	
23190R	13101-65040(R)	3VZE	6	87.5	272	63	34.0-3.9	2-1.5	1-4.0	21	63	
23190LX	13301-65040(L)	3VZE anodized head	6	87.5	272	63	34.0-3.5	2-1.5	1-4.0	21	63	
23190RX	13101-65040(R)	3VZE anodized head	6	87.5	272	63	34.0-3.5	2-1.5	1-4.0	21	63	

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						LONG	COMP. DIST.	RING		DIA	LONG	
								COMP.	OIL			
23233L/R	13101-50200-03	LS400	6/8	87.5	81	65	34.0-0.5	2-1.5	1-3.0	22	62	
23118L	13081-48013	2J	4	88.0	95	102.3	52.3-2.1	1-2.5k 2-2.5	1-4.0	27	74	
23118R	13081-48013	2J	4	88.0	95	102.3	52.3-2.1	1-2.5k 2-2.5	1-4.0	27	74	
23119LJ	13081-48014 13081-48015	2J.JY16 2481cc	4	88.0	105	102.2	52.2-2.2	1-2.5k 1-2.5	1-4.0	27	74	
23119RJ	13081-48014 13081-48015	2J.JY16 2481cc	4	88.0	105	102.2	52.2-2.2	1-2.5k 1-2.5	1-4.0	27	74	
23115	13101-40010	3R	4	88.0	1	91	41	2-2.5	1-5.0	24	76	
23116	13101-44011 13101-44014 13101-44015	5R	4	88.0	1	85	39	1-2.0 1-2.5	1-4.0	22	75	
23144LJ	13081-47012	H	6	88.0	105	102	52.2-1.35-3.0	1-2.5k 1-2.5	1-4.0	27	74	
23144RJ	13081-47012	H	6	88.0	105	102	52.2-1.35-3.0	1-2.5k 1-2.5	1-4.0	27	74	
23117L	13101-46011 13081-48010	J JK170,JK171	4	88.0	28	114.3	52.3-3.8	3-2.5	2-4.0	27	74	
23117R	13101-46011 13081-48010	J,JK170,JK171	4	88.0	28	114.3	52.3-3.8	3-2.5	2-4.0	27	74	
23115HA		3R	4	88.0	1	84.607	40.716	2-2.5	1-5.0	24	75.9	
23120	13101-34010 13101-34030	18R	4	88.5	1	84.8	39.8	1-2.0 1-2.5	1-4.0	22	75	
23120A		18R	4	88.5	1	84.4	39.4	1-2.0 1-2.5	1-4.0	22	75	
F-23265		18RG	4	88.5	147	90.4	39.7+6.0	1-2.0 1-2.5	1-4.0	22	69	
F-23269		18RG	4	88.5	109	89.7	39.7+6.3	1-2.0 1-2.5	1-4.0	22	75	
23126	13101-38010 13101-38020	20R	4	88.5	12	88.8	39.0+2.8	1-2.0 1-2.5	1-4.0	22	75	
23126A	13101-38050	20R	4	88.5	12	88.9	39.0+2.9	1-2.0 1-2.5	1-4.0	22	75	
23133	13101-60020	F	6	90.0	1	95.5	47.425	1-2.0 1-2.5	2-4.0	25.15	80	
23133HA		F	6	90.0	1	95.072	47.117	1-2.0 1-2.5	2-3.96	25.15	80.13	
23134	13101-60030	F	6	90.0	98	99.2	47.425+3.7	1-2.0 1-2.5	2-4.0	25.15	80	
23121	13101-60010	F LAND CRUISER	6	90.0	1	95.5	47.5	2-3.0	2-4.0	25.15	80	
23121A	13101-60011	F LAND CRUISER	6	90.0	1	95.072	47.117	2-3.0	2-3.96	25.15	80.13	
23135AJ	13101-54010 13101-54012	L	4	90.0	105	99	52.0-1.3	1-2.5 1-2.0	1-4.0	27	74	
23135J		L	4	90.0	105	99	52.0-1.3	1-2.0k 1-2.0	1-4.0	27	74	
23135HB	13101-54021 13101-54020	L NEW	4	90.0	105	99.2	52.2-1.4	1-2.0k 1-2.0	1-4.0	27	74	

C.S. NO.	TOYOTA O.E.M. REF.NO.	MODEL & DESCRIPTION	NO. CYL	CYL. DIA.	HEAD TYPE NO.	PISTON				PIN		REMARKS
						LONG	COMP. DIST.	RING		DIA	LONG	
								COMP.	OIL			
23247J	13101-68020	12HT	6	91.0	241	91.3	56.3-15	1-2.5k 1-2.5	1-4.0	32	77	
23142J	13101-68010	2H	6	91.0	105	102.2	52.2-1.8	1-2.5k 1-2.5	1-4.0	29	74	
23142JE	13101-68010	2H	6	91.0	105	102.2	52.2-1.8	1-2.5k 1-2.5	1-4.0	29	74	
23252J	13101-68011	2H	6	91.0	95	90.1	52.1-1.5	1-2.5k 1-2.5	1-4.0	29	74	
23152	13101-73030	4Y	4	91.0	193	65	35.0-6.2	2-1.5	1-4.0	22	66	
23125	13101-35030 13101-35031 13101-35032	22R	4	92.0	217	63.9	34.9-2.2	2-1.5	1-4.0	22	70	
23125C	13101-35030 13101-35032	22RE	4	92.0	217	63.4	34.4-1.7	2-1.5	1-4.0	22	70	
23125C1	13101-35030 13101-35032	22RE	4	92.0	217	63.4	34.1-1.7	2-1.5	1-4.0	22	70	
23149	13101-35020 13101-35010	22R	4	92.0	194	92.5	39.0+6.5-5.0	1-2.0 1-2.5	1-4.0	22	75	
23213	13101-35050	22RTEC	4	92.0	217	63.8	34.8-5.3-5.6	2-1.5	1-4.0	22	73	
23147J	13101-54060	2L	4	92.0	105	86.2	49.2-1.3	1-2.0k 1-2.0	1-4.0	27	74	
23170J	13101-54070	2L	4	92.0	138	80.3	44.3-1.5	1-2.0k 1-2.0	1-4.0	27	70	
23173J	13101-54080 13101-54030 13101-54050	2LT	4	92.0	105	86.2	49.2-2.4	1-2.0k 1-2.0	1-4.0	29	74	
23202J	13101-54090 13101-54091	2LT NEW gallery cool	4	92.0	138	80.3	44.3-1.6	1-2.0k 1-2.0	1-4.0	29	74	
23202JU	13101-54140 13101-54141	2LT NEW gallery cool	4	92.0	111	80.3	44.3-2.5-1.8-0.8	1-2.0k 1-2.0	1-4.0	29	74	
23251J	13101-30030	2KDF-TV Gallery cooling	4	92.0	355	82.2	54.2-19.5	1-2.0 1-1.5	1-3.0	34	65	
23199	13101-62060	5VZ 頭陽	6	93.5	319	63	34.0-4.9	2-1.5	1-4.0	22	62	
23226J	13101-17060-01	1HDT	6	94.0	295	80.7	49.7-17.1	1-2.0k 1-2.0	1-4.0	33	73	
23220J	13101-17040-01	1HDT NEW	6	94.0	295	80.7	49.7-16.3	1-2.0k 1-2.0	1-4.0	33	73	
23220JA	13101-17051-02	1HDT	6	94.0	295	80.7	49.7-16.3	1-2.0k 1-2.0	1-4.0	33	73	
23219J	13101-17020-01	1HDT OLD	6	94.0	295	80.7	49.7-17	1-2.0k 1-2.0	1-4.0	33	73	
23253J	13101-17080	1HDT GALLERY	6	94.0	157	80.4	49.4-18.5	1-2.0k 1-2.0	1-4.0	33	73	
23257J	13101-17110	1HDF-TE GALLERY COOL	6	94.0	274	80.4	49.4-18.1	1-2.0 1-1.5	1-4.0	33	73	
23257JN	13101-17120	1HDF-TE GALLERY COOL	6	94.0	274	80.4	49.4-18.9	1-2.0 1-1.5	1-4.0	33	73	
23196J	13101-17010	1HZ	6	94.0	95	80.6	43.6-1.5	1-2.0k 1-2.0	1-4.0	29	65	

C.S. NO.	TOYOTA O.E.M. REF.NO.	MODEL & DESCRIPTION	NO. CYL	CYL. DIA.	HEAD TYPE NO.	PISTON				PIN		REMARKS
						LONG	COMP. DIST.	RING		DIA	LONG	
								COMP.	OIL			
23196JH	13101-17100	1HZ	6	94.0	95	80.6	43.6-1.5	1-2.0k 1-2.0	1-4.0	29	65	
23260J	13101-17030	1HZ-T	6	94.0	95	80.7	49.7-1.6	1-2.0k 1-2.0	1-4.0	33	73	
23129	13101-61010	2F	6	94.0	12	95.8	47.58+0.3	1-2.0 1-2.5	1-4.0	25.15	72	
23137	13101-61020	2F	6	94.0	13	102	47.58+7.0	1-2.0 1-2.5	1-4.0	25.15	72	
23153	13101-61030	3F	6	94.0	12	79.6	37.4+0.2	2-1.5	1-4.0	22	75	
23198J	13101-56060	11B	4	95.0	295	90.5	55.5-20.3	1-2.5k 1-2.0	1-4.0	32	72	
23198JG	13101-56060	11B	4	95.0	295	90.5	55.5-20.3	1-2.5k 1-2.5	1-4.5	32	72	
23227J	13101-56041	11BT	4	95.0	341	98.4	63.4-18.1	2-2.5	1-4.5	34	76	
23200	13101-75080	2RZ	4	95.0	324	58.1	35.2-6.0	1-1.75 1-1.5	1-4.0	24	70	
23235	13101-75020	2RZE anodized head	4	95.0	324	67.6	35.5-5.8	1-1.75 1-1.5	1-4.0	24	70	
23237	13101-75070	2RZFE anodized + MOS2	4	95.0	193	58.9	35.5-0.7	2-1.5	1-4.0	24	70	
23207	13101-76041	2TZ-FE	4	95.0	330	67.5	35.5-2.0	1-1.75 1-1.5	1-4.0	24	70	
23207X	13101-76041	2TZ-FE anodized head	4	95.0	330	67.5	35.5-2.0	1-1.75 1-1.5	1-4.0	24	70	
F-23277		2TR-FE Anodized + MOS2	4	95.0	378	59.3	39.3-8.6-4.5-2.22	2-1.2	1-2.0	22	62	
23224	13101-75041	3RZ anodized + MOS2	4	95.0	193	61	37.5-2.6	2-1.5	1-4.0	24	70	
23224CG	13101-75041	3RZ anodized + MOS2	4	95.0	193	61	37.2-2.6	2-1.5	1-4.0	24	70	
23122A	13101-56011	B	4	95.0	95	101.3	52.3-2.6	1-2.5k 2-2.5	1-4.5	29	79	
23122	13081-56010	B	4	95.0	95	101.3	52.3-2.6	3-2.5	1-4.5	29	79	
23248J		B NEW	4	95.0	286	101.2	52.2-4.2-2.5	1-2.5k 1-2.0	1-4.0	29	72	
23127J	13101-56012 13101-56020/21 13101-56030/31	BU	4	95.0	105	101.3	52.3-2.8	1-2.5k 1-2.5	1-4.5	29	79	
23218J	13101-67030-01	1KZ gallery cool anodized head	4	96.0	95	80.7	45.7-2.2	1-2.0k 1-2.0	1-3.0	34	73	
23258J	13101-67050	1KZ-TE GALLERY COOL ANODIZED HEAD	4	96.0	363	80.7	45.8-2.4-0.9-0.1	1-2.0k 1-2.0	1-3.0	34	73	
F-23271J	13101-30060-01	1KD-FTV Gallery cooling MOS2	4	96.0	355	78.5	49.6-16.3	1-2.0k 1-1.5	1-3.0	34	73	
23186	13101-78300	1Z	4	96.0	112	94.4	58.5-4.1-12.6	2-2.0	1-4.0	32	77	
23169J	13101-54101-02 13101-54100	3L	4	96.0	138	80.3	42.3-2.0	1-2.0k 1-2.0	1-4.0	29	74	

