

TOTO Stock No.	Engine Model	Part's No.	No.of Cyl.	Cyl. Dia.	Piston		Pistonring		Piston Pin	Head Type
					Comp.	Dist.	Length	Comp.	Oil	
NISSAN										
N6810	MA10 12010-01B01~03 12010-24B02	4	68	26.5	-3.7	52.5	2 x 1.5	1 x 2.8	17.0 x 58	142
N6810H	MA10	4	68	26.5	-2.0	52.5	2 x 1.5	1 x 2.8	17.0 x 58	142
N7104	MA12 12010-18B61 12010-18B71 12010-05B01	4	71	28.5	-8.6	54.5	2 x 1.5	1 x 2.8	17.0 x 58	142
N7107	GA13DS A2010-72Y00~03	4	68	32.6	-2.6	54	2 x 1.5	1 x 2.8	19.0 x 47	5
D874X	J13 12010-13201 12010-B5101	4	73	32.45		67.4	2 x 2.0	1 x 4.0	17.455x65.5	1
NS73	A10 12010-18021 12010-H2301 12010-H2361	4	73	32.45		67.4	2 x 2.0	1 x 4.0	17.455x65.5	1
NS73L	A12 12010-H1001 12010-H1011 12010-H1061	4	73	32.45	-1.6	67.4	2 x 2.0	1 x 4.0	17.455x65.5	10
NS73X	A13 12010-H6201 12010-H6211	4	73	32.45	-0.6	67.4	2 x 2.0	1 x 4.0	17.455x65.5	10
N7302	E10S 12010-41M02	4	73	28	-5.4	57	2 x 1.5	1 x 4.0	17.445x62	142
N7360	GA14 12010-87A61	4	73.6	32.5	-4.0	55	2 x 1.5	1 x 2.8	19.0 x 50	5
N7361	GA15 12010-77A02 12010-77A61~63	4	73.6	29.4	-4.0	52.5	2 x 1.5	1 x 2.8	19.0 x 50	5
N7363	GA14 12010-73Y00~2	4	73.6	32.6	-4.3	55	2 x 1.5	1 x 2.8	19.0 x 50	5
N7364	GA15DS 12010-53Y00~2	4	73.6	29.5	-4.8	51.9	2 x 1.5	1 x 2.8	19.0 x 50	5
N7367	QG15DE A2010-BN900~2 A2010-BN972	4	73.6	29.2	-4.8	51.9	2 x 1.2	1 x 2.5	19.0 x 49	315
NS75	A12A 12010-H8511 12010-H8521	4	75	32.5	-2.4	67.5	2 x 2.0	1 x 4.0	19.0 x 63	65

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
N7503	A12A	12010-H9012 12010-H9022	4	75	32.5	-2.5	67.2	2 x 2.0	1 x 4.0	19.0 x 63	2
N7504	A12A	12010-H9502 12010-H9512	4	75	32.5	-3.0	67.2	2 x 2.0	1 x 4.0	19.0 x 63	65
NS76L	A14	12010-H7201 12010-H7211 12010-H7711	4	76	32.5	-1.0	67.5	2 x 2.0	1 x 4.0	19.0 x 63	10
NS76LL	A14S	12010-H7511 12010-H7521 12010-H7685	4	76	32.5	-3.3	67.5	2 x 2.0	1 x 4.0	19.0 x 63	2
NS76LLX	A14S	12010-H8911 12010-H8921 12010-H8931 12010-H9221	4	76	32.5	-7.0	67.3	2 x 2.0	1 x 4.0	19.0 x 63	65
N7601	A14	12010-H7684	4	76	32.5	-4.2	67.2	2 x 2.0	1 x 4.0	19.0 x 63	10
N7602	A14	12010-H8702	4	76	32.5	-4.0	67.5	1 x 1.2 1 x 2.0	1 x 4.0	19.0 x 63	65
NS76LX	A15S	12010-G3411 12010-G3421 12010-G3462 12010-H9261	4	76	30	-6.5	65	1 x 1.2 1 x 2.0	1 x 4.0	19.0 x 63	65
N7603	A15	12010-H9704	4	76	30	-2.8	65	1 x 1.2 1 x 2.0	1 x 4.0	19.0 x 63	10
N7604	A15	12010-E9714	4	76	30	-5.5	65	1 x 1.2 1 x 2.0	1 x 4.0	19.0 x 63	10
N7605	A15	12010-E9802	4	76	30	-4.0	65	1 x 1.2 1 x 2.0	1 x 4.0	19.0 x 63	65
N7607X (N7607)	E13S	12010-01M22 12010-01M02 12010-01M12	4	76	32.5	-6.5	62.5	2 x 1.5	1 x 4.0	19.0 x 62	142

TOTO Stock No.	Engine Model	Part's No.	No.of Cyl.	Cyl. Dia.	Piston		Pistonring		Piston Pin	Head Type	
					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
N7606X (N7606) (N7606B)	E15S 12010-11M22 12010-11M12 12010-11M02 12010-19M02 12010-19M22 12010-73A22	4	76	32.5	-10.0	62.5	2 x 1.5	1 x 4.0	19.0 x 62	142	
N7606H	E15 12010-13M02 12010-13M22	4	76	32.5	-9.3	62.5	2 x 1.5	1 x 4.0	19.0 x 62	142	
N7606L	E15 12010-15M02 12010-15M22	4	76	32.5	-10.3	62.5	2 x 1.5	1 x 4.0	19.0 x 62	142	
N7615	E15T 12010-17M12	4	76	33.5	-10.0	61	2 x 1.5	1 x 4.0	19.0 x 62	5	
N7611	E15 12010-31M02	4	76	32.5	-9.5	62.5	2 x 1.5	1 x 4.0	19.0 x 62	5	
N7611X	E16 12010-33M22	4	76	32.5	-9.5	62.5	2 x 1.5	1 x 4.0	19.0 x 62	5	
N7613	A13 12010-H8661	4	76	32.5	-2.7	67.5	2 x 2.0	1 x 4.0	19.0 x 63	65	
N7617	GA16S 12010-94M61	4	76	29.5	-5.2	53.5	2 x 1.5	1 x 2.8	19.0 x 52	2	
N7617H	GA16DS A2010-74Y00	4	76	29.5	-4.8	54	2 x 1.5	1 x 2.8	19.0 x 52	5	
N7617HH	GA16DE A2010-74Y10	4	76	29.5	-4.2	53.6	2 x 1.5	1 x 2.8	19.0 x 52	5	
N7627	VQ20 A2010-31U60	V6	76	30.4	-1.0	58	2 x 1.2	1 x 2.5	22.0 x 48	2	
N7628	GA16DS 12010-71J00 12010-71J10	4	76	29.5	-4.2	54	2 x 1.5	1 x 3.0	19.0 x 55	5	
N7631	GA16DE A2010-0M210 A2010-0M212	4	76	29.7	-4.7	54.3	1 x 1.5	1 x 2.8	19.0 x 52	5	
N151	J15, J16 12010-01W02 12010-01W12 12010-E3002	4	77.95	39.8		79.3	2 x 2.0	1 x 4.0	21.0 x 66.5	1	

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
N151B	L20A	12010-E3001	6	77.95	39.8		79.3	2 x 2.0	1 x 4.0	21.0 x 66.5	1
N151BB	L20A	12010-F5112 12010-Y7002 12010-Y7012	6	77.95	39.8		79.3	1 x 1.2 1 x 2.0	1 x 4.0	21.0 x 66.5	1
N151H	L20A	12010-Y4002 12010-Y6402 12010-Y6412 A2010-E3019	6	77.95	39.8	+2.5	82.2	2 x 2.0	1 x 4.0	21.0 x 66.5	13
N151L	L20A	12010-V0301	6	77.95	39.8	-2.9	79.3	2 x 2.0	1 x 4.0	21.0 x 66.5	2
N151LH	L20A	12010-S8011	6	77.95	39.8	-2.3	79.3	2 x 2.0	1 x 4.0	21.0 x 66.5	2
N152	L20E	12010-03L02 12010-14S01	6	77.95	40	-0.5	75.2	1 x 1.5 1 x 2.0	1 x 4.0	20.0 x 61	2
N152L	L20E	12010-15S02 12010-15S12	6	77.95	40	-3.0	75.2	1 x 1.5 1 x 2.0	1 x 4.0	20.0 x 61	2
N7801	VG20	12010-V5101 12010-V5111	6	77.95	30.5	+1.8	67.3	2 x 1.5	1 x 2.8	20.0 x 61	160
N7802	VG20ET	12010-V5311	6	77.95	30.4	-2.5	65.5	2 x 1.5	1 x 2.8	20.0 x 61	159
N7816	CA16	12010-06E01 12010-06E11 12010-D1101 12010-D1111	4	77.95	30	+1.3	66.3	2 x 1.5	1 x 4.0	20.0 x 61	118
N7810	RB20E	12010-55S01	6	77.95	32.5	+2.0	67	2 x 1.5	1 x 2.8	19.0 x 62	118
N7821	HR15DE	12010-ED000	4	78	29	+2.0	49.4	2 x 1.2	1 x 2.0	19.0 x 53.5	353
N7910	HR16DE	12010-ED500	4	78	28.5	-6.5	50	2 x 1.2	1 x 2.0	19.0 x 53.5	354
ND800	CD17	12010-16A02	4	80	41	-1.7	71	1 x 1.8 1 x 2.0	1 x 3.0	24.0 x 63	145

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
ND800T	CD17	12010-17A02	4	80	41	-1.8	71	1 x 1.8 1 x 2.0	1 x 3.0	24.0 x 63	145
ND800TX	CD17	12010-71A02	4	80	41	-1.8	71	1 x 1.8 1 x 2.0	1 x 3.0	24.0 x 63	145
N8016	QG18DE	A2010-AU300 A2010-AU310~12 A2010-F4670 A2010-F4671	4	80	29.2	-1.7 -4.7	53.7	2 x 1.2	1 x 2.5	19.0 x 52	81
N8018	QG18DE	12010-7J625~9 12010-7J620~2 A2010-5M000 A2010-5M010	4	80	41	-1.8	71	1 x 1.8 1 x 2.0	1 x 3.0	24.0 x 63	145
N8053	J18	12010-J22G0	4	80.5	32.5		65.5	1 x 1.5 1 x 2.0	1 x 4.0	21.0 x 66.5	1
N8150	NA16S	12010-84G00	4	81.5	35.8		68	2 x 1.5	1 x 4.0	21.0 x 64	1
N8251	SR18	A2010-0E001	4	82.5	32		63	1 x 1.5	1 x 3.0	22.0 x 56	1
NB83	L13 L14	12010-22001 12010-22101	4	83	38		78	2 x 2.0	1 x 4.0	21.0 x 72.5	1
NB83HV (NB83H)	L14	12010-H2711 12010-H7201	4	83	38.8	-3.0	78.3	2 x 2.0	1 x 4.0	21.0 x 72.5	42
NB83L NB83LB	L14 L23	12010-69811	4 6	83	38	-0.7	78.2	2 x 2.0	1 x 4.0	21.0 x 72.5	10
NB83LV NB83LV/6	L14 L24	12010-H2501 12010-H2511	4 6	83	38.1	-0.7	78.2	2 x 2.0	1 x 4.0	21.0 x 72.5	81
NB83V N240E	L13, L14 L24E	12010-A8601 12010-A8611	4 6	83	38		78.2	2 x 2.0	1 x 4.0	21.0 x 72.5	42
NB160H NB160HB	L16 L26	12010-23002 12010-E3101	4 6	83	38	-1.7	78	2 x 2.0	1 x 4.0	21.0 x 72.5	10
NB160HH	L16	12010-A9601 12010-A9611	4	83	38	-1.4	78	2 x 2.0	1 x 4.0	21.0 x 72.5	2
NB160L	L16	12010-A3501 12010-A3512	4	83	38	-2.8	78	2 x 2.0	1 x 4.0	21.0 x 72.5	10

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
NB160Z	Z16	12010-W7111	4	83	38	+0.5	78	2 x 2.0	1 x 4.0	21.0 x 72.5	118
N8302	CA18	12010-01F01 12010-01F11 12010-D0301 12010-D1201	4	83	30		78	2 x 1.5	1 x 4.0	20.0 x 61	103
N8303	CA18ET	12010-17F11	4	83	30		65	2 x 1.5	1 x 2.8	20.0 x 61	103
N8310	CA18i, CA18S	12010-59E01~05	4	83	30		57.5	2 x 1.5	1 x 2.8	20.0 x 61	103
N8307	Z16	12010-W7161	4	83	38	+0.5	78.7	2 x 2.0	1 x 4.0	21.0 x 66.5	118
N8301	L24E	12010-W3102 (12010-51L01)	6	83	38	-0.8	65	2 x 1.5	1 x 4.0	20.0 x 61	2
ND834VB	SD22	12010-R8110	4	83	48	-0.6 -2.0	90	1 x 2.5 1 x 2.0	1 x 4.5	26.0 x 71	172
ND834VBT	SD22	12010-36W10	4	83	48	-0.6 -2.0	90	1 x 2.5 1 x 2.0	1 x 4.5	26.0 x 71	172
ND834VX	SD22	12010-J5310 12010-Y1411 12010-Y5210 12010-Y5211	4	83	48	-0.6 -2.0	96	1 x 2.5 2 x 2.0	2 x 4.5	26.0 x 71	172
ND834VX/6	SD33		6								
ND834VXT	SD22	12010-J5312	4	83	48	-0.6 -2.0	96	1 x 2.5 2 x 2.0	2 x 4.5	26.0 x 71	172
ND838T	SD33, SD33T	12010-C8602 12010-C8701	6	83	48	-0.7 -2.0	80	1 x 2.5k 1 x 2.0	1 x 4.0	26.0 x 68	172
N8417	MR18DE	A2010-ED800 A2010-ED801	4	84	31.2	+3.2	52.8	2 x 1.2	1 x 2.0	20.0 x 53	124
N8419	MR20DE	12010-ET000 A2010-ET001	4	84	31.2	+3.2 -4.8	49.7	2 x 1.2	1 x 2.0	20.0 x 53	215
N8450	CA20S	12010-D1801 12010-D1811	4	84.5	30	-2.0	65	2 x 1.5	1 x 4.0	20.0 x 61	124

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					Comp.	Dist.	Length	Comp.	Oil	
NISSAN										
N8450B	CA20S 12010-04E10 12010-04E11 12010-10F01 12010-10F11	4	84.5	30	-2.4	65	2 x 1.5	1 x 4.0	20.0 x 61	124
N8451	CA20 12010-13E11	4	84.5	30	-0.2	119	2 x 1.5	1 x 2.8	20.0 x 61	119
ND845	LD28 12010-V0702 12010-V5702 12010-V5712	4	84.5	46.5	-2.0 -3.5	86.4	2 x 2.0	1 x 4.0	25.0 x 67	31
ND845T	LD28 12010-V0762 12010-V5762 12010-W2502	4	84.5	46.5	-2.0	86.5	2 x 2.0	1 x 4.0	25.0 x 67	31
ND8452T	CD20 A2010-57J01 A2010-57J11	4	84.5	44.3	-1.2 -2.7	75.5	2 x 2.0	1 x 3.0	25.0 x 67	227
NDC8452BT	CD20 A2010-1C310 A2010-2J671~2 A2010-2J600~4	4	84.5	44.3	-2.6	75.6	1 x 2.0k 1 x 2.0	1 x 3.0	28.0 x 66.5	227
N859H	L18 12010-A8701 12010-U2000	4	85	38	-0.6	78	2 x 2.0	1 x 4.0	21.0 x 72.5	10
N859L	L18 12010-A8711 12010-W0801 12010-W0811	4	85	38	-2.0	78	2 x 2.0	1 x 4.0	21.0 x 72.5	10
N859LL	L20B 12010-U6001 12010-U6011 12010-U6021	4	85	38	-3.0	78	2 x 2.0	1 x 4.0	21.0 x 72.5	10
N8512	L20B 12010-04W01 12010-04W11	4	85	38	-4.5	78.2	2 x 2.0	1 x 4.0	21.0 x 72.5	10
N859Z	Z18 12010-N8301 12010-N8311 12010-S5801 12010-W0421	4	85	38	-0.4	78	2 x 2.0	1 x 4.0	21.0 x 72.5	119
N859ZLL	Z18 12010-W1501 12010-W1511	4	85	38	-2.0	78.2	2 x 2.0	1 x 4.0	21.0 x 72.5	119
N8511L	Z20 12010-W1411 12010-W1421	4	85	32	-3.7	67	2 x 1.5	1 x 4.0	21.0 x 72	124

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
N8511H	Z20	12010-W4001	4	85	32	-1.7	67	2 x 1.5	1 x 4.0	21.0 x 72	124
N8511HHB	Z20	12010-82W01 12010-82W11	4	85	32	-1.5	67	1 x 2.0 1 x 1.5	1 x 4.0	21.0 x 72	124
N8511V	Z20S	12010-N8501 12010-N8511 12010-N8521	4	85	32		67	2 x 1.5	1 x 4.0	21.0 x 72	103
N8511	Z20	12010-N8711 12010-N8721	4	85	32		67	2 x 1.5	1 x 4.0	21.0 x 72	103
N8513B	Z20	12010-N8411	4	85	38	-3.0	78	1 x 1.2 1 x 2.0	1 x 4.0	21.0 x 72	124
N8513	Z20	12010-N8421	4	85	38	-3.0	78.2	2 x 2.0	1 x 4.0	21.0 x 72.5	124
N859ZL	Z20	12010-V0511 12010-V2801	4	85	38	-1.0	78.4	2 x 2.0	1 x 4.0	21.0 x 72.5	119
N8523	VQ25	A2010-35U61	4	85	30.4	-0.3	58	1 x 1.5	1 x 2.8	22.0 x 54	2
ND850	LD20	12010-18L02 12010-W1702	4	85	46.5	-2.0 -3.3	86.4	2 x 2.0	1 x 4.0	25.0 x 67	31
ND850T	LD20	12010-W1762	4	85	46.5	-2.0 -3.3	86.4	2 x 2.0	1 x 4.0	25.0 x 67	145
NDC8510T	LD20T	12010-W3402	4	85	46.5	-2.0 -3.3	72.5	2 x 2.0	1 x 4.0	26.0 x 66.5	31
ND8518	LD20	12010-G5502	4	85	46.6	-1.3 -2.5	78	2 x 2.0	1 x 4.0	25.0 x 66.5	227
ND8518T	LD20	12010-G5562	4	85	46.5	-1.2	78	2 x 2.0	1 x 4.0	25.0 x 66.5	227
NDC8521T	RD28	12010-22J11 12010-22J62	6	85	46.9	-1.4	78.3	2 x 2.0	1 x 4.0	27.0 x 66.5	227
ND8522	RD28	A2010-V7213	6	85	46.5	-1.3	78	2 x 2.0	1 x 4.0	25.0 x 66.5	227
ND8570T	RD28	A2010-81T10	6	85	46.5	-1.0	78.2	1 x 2.0k 1 x 2.0	1 x 4.0	25.0 x 67	284

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					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
N680X	P680	12010-58100 12010-C8000 12010-C8010	6	3-3/8	53.32		94.5	2 x 2.5	1 x 4.76	20.65x74.6	1
N280	L28E	12010-Y4111 12010-Y4121 12010-Y4131	6	86	38	-3.0	78.2	2 x 2.0	1 x 4.0	21.0 x 72.5	10
N280H	L28E	12010-Y8602 12010-Y8612 12010-Y8621	6	86	38	-2.0	78.2	2 x 2.0	1 x 4.0	21.0 x 72.5	2
N8600	L28E	12010-P7902 12010-P7912	6	86	38.5		78.8	1 x 1.5 1 x 2.0	1 x 4.0	21.0 x 72.5	1
N281	L28S	12010-C6412 12010-C6421	6	86	38	-2.2	78.2	1 x 1.5 1 x 2.0	1 x 4.0	21.0 x 72.5	2
N281L	L28	12010-P9012	6	86	38	-2.8	78.2	1 x 1.5 1 x 2.0	1 x 4.0	21.0 x 72.5	2
NC8618	RB26	A2010-05U11	V6	86	30	+3.5	63	2 x 1.5	1 x 2.8	21.0 x 69	226
N8619	RB24S	12010-76L01	6	86	32.5	+2.0	66	2 x 1.5	1 x 3.0	21.0 x 64	242
N8620	SR20DE	A2010-63J00	6	86	32	-1.0	63	2 x 1.5	1 x 3.0	22.0 x 60	2
NC8621	SR20DET	A2010-54C00	4	86	32	-3.2	59.5	2 x 1.5	1 x 3.0	22.0 x 70	2
N8627	SR20	A2010-65J02	4	86	32		63	2 x 1.5	1 x 3.0	22.0 x 60	1
N8632	NA20	12010-85G00	4	86	38.5	-8.4	70	2 x 1.5	1 x 4.0	21.0 x 64	26
N8601	RB30	12010-67S11 12010-67S21 A2010-67S21	6	86	32.5	+2.6	66.6	2 x 1.5	1 x 2.8	21.0 x 64	118
N8632	NA20S	12010-85G00	4	86	38.5	-8.4	70	2 x 1.5	1 x 4.0	21.0 x 64	26
NDC08601T	YD22	A2010-AW400 A2010-AW471	4	86	48.6	-6.7 -15.2	73.8	1 x 2.0k 1 x 2.0	1 x 3.0	28.0 x 69	324

TOTO Stock No.	Engine Model	Part's No.	No.of Cyl.	Cyl. Dia.	Piston		Pistonring		Piston Pin	Head Type
					Comp.	Dist.	Length	Comp.	Oil	
NISSAN										
NDC08602T	YD22DDTI A2010-4U166~7 A2010-4U183~4	4	86	49	-6.7 -16.8	80	1 x 2.0k 1 x 2.0	1 x 3.0	28.0 x 60	325
NDC08604T	YD22DDT A2010-8H800~2 A2010-8H871~2 A2010-8H865	4	86	49	-8.6 -16.3	79.9	1 x 2.0k 1 x 2.0	1 x 3.0	28.0 x 61.5	324
N8700	Z22S 12010-06W11 12010-06W21	4	87	35.5	-2.0	72	2 x 1.5	1 x 4.0	21.0 x 72.5	124
N8702	Z22 12010-D8101 12010-D8111	4	87	32	-2.1	67.1	2 x 1.5	1 x 4.0	21.0 x 64	124
N8701	VG30 12010-V5901 12010-V5911 12010-V7101	V6	87	32		67	2 x 1.5	1 x 2.8	21.0 x 64	134
N8701X	VG30E 12010-21P61	V6	87	32		67	2 x 1.5	1 x 2.8	20.98 x 64	134
N8701XB	VG30E A2010-10G61	V6	87	32		67	1 x 1.2 1 x 1.5	1 x 2.8	20.98 x 64	134
N8701XH	VG30E A2010-90E61	V6	87	32	+3.0	67	2 x 1.5	1 x 2.8	20.98 x 64	285
N8701Z	VG30E 12010-V5961 12010-V7161	V6	87	32		67	2 x 1.5	1 x 2.8	21.0 x 64	134
N8703	VG30ET 12010-02P01 12010-03P01	V6	87	32	-2.9	67	2 x 1.5	1 x 2.8	21.0 x 72	2
N8704	VG30DE A2010-96E00	V6	87	32		64.5	2 x 1.5	1 x 2.8	22.0 x 67	1
N872	H20 12010-74001 12010-R9001	4	87.2	41	-1.6	84	1 x 2.0 1 x 2.5	1 x 4.0	22.0 x 73	10
N8903	Z24 12010-83W01 12010-83W11	4	89	34	-4.0	70.5	1 x 2.0 1 x 1.5	1 x 4.0	21.0 x 66.5	124
N8903B	Z24 12010-30W00 12010-30W11	4	89	34	-4.0	70.5	2 x 1.5	1 x 4.0	21.0 x 66.5	124
N8904	KA24E 12010-86G20	4	89	34	-0.5	68.3	2 x 1.5	1 x 2.8	21.0 x 66.5	2

TOTO Stock No.	Engine Model	Part's No.	No.of Cyl.	Cyl. Dia.	Piston		Pistonring		Piston Pin	Head Type	
					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
N8904X	KA24	A2010-30R12	4	89	34	-0.6	68.3	2 x 1.5	1 x 2.8	21.0 x 59	2
N8906	KA24DE	A2010-1E400 A2010-53F00	4	89	34	-6.6	68.3	2 x 1.5	1 x 2.8	21.0 x 61	10
N8907	QR25DE	A2010-9H510~2 A2010-8J011	4	89	32	-4.1	54.9	2 x 1.2	1 x 2.5	20.0 x 57	261
N8908	KA24DE	A2010-5V110~2 A2010-9E000	4	89	34	-6.5	60.8	2 x 1.2	1 x 2.5	21.0 x 61	10
N8912	QR25DE	12010-EA001	4	89	32.9	+5.9	61.5	2 x 1.2	1 x 2.5	20.0 x 57	215
ND893	SD23	12010-09W10 12010-T6202 12010-T6212 12010-T6272	4	89	48	-0.6 -1.7 -3.0	90	1 x 2.5 1 x 2.0	1 x 4.5	26.0 x 74	172
ND893T	SD23	12010-09W01 12010-29W00 12010-T6203 12010-T6213 12010-T6273	4	89	48	-0.6 -1.7 -3.0	90	1 x 2.5 1 x 2.0	1 x 4.5	26.0 x 74	172
ND895	SD23	12010-T6205	4	89	48	-0.6 -1.7 -3.0	80	1 x 2.5 1 x 2.0	1 x 4.5	26.0 x 74	244
ND895T	SD23	12010-T6206 12010-T7205	4	89	48	-0.6 -1.7 -3.0	80	1 x 2.5 1 x 2.0	1 x 4.5	26.0 x 74	172
ND894	SD25	12010-L2002 12010-L2012 12010-L2072	4	89	48	-0.6 -2.4	90	1 x 2.5 1 x 2.0	1 x 4.5	26.0 x 74	172
ND894T	SD25	12010-T7201 12010-T7211	4	89	48	-0.6 -2.4	90	1 x 2.5 1 x 2.0	1 x 4.5	26.0 x 74	172
ND897	TD23	12010-02N01 12010-02N11	4	89	48.5	-1.5	84	1 x 2.5 1 x 2.0	1 x 4.5	26.0 x 74	234
ND897T	TD23	12010-02N06 12010-02N07 12010-02N16 12010-02N17	4	89	48	-1.5	84	1 x 2.5 1 x 2.0	1 x 4.0	26.0 x 74	234
NDC8910T	YD25DDTI, YD25DDT	A2010-AD260~2 A2010-VK510~2	4	89	48.8	-7.7 -18.1	80	1 x 2.0k 1 x 2.0	1 x 3.0	28.0 x 61	113

TOTO Stock No.	Engine Model	Part's No.	No.of Cyl.	Cyl. Dia.	Piston		Pistonring		Piston Pin	Head Type	
					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
NDC8913T	YD25DDTI A2010-EB30A/EB31A A2010-EB38A/EB39A	4	89	48.5	-8.8 -19.2	73.8	1 x 2.0k 1 x 2.0	1 x 3.0	28.0 x 71	325	
NDC8913XT	YD25DDTI A2010-EC00B/EC02B A2010-EC08B/EC09B	4	89	48.9	-8.0 -17.3	73.8	1 x 2.0k 1 x 2.0	1 x 3.0	28.0 x 71	324	
N9150	VG33E A2010-1W200/0W000 A2010-1W201/2W061	6	91.5	32	-1.5	63	2 x 1.5	1 x 2.8	21.0 x 61	336	
N9220	H25 12010-60K00 12010-60K70~72	4	92	36	-7.3	71	1 x 2.0 1 x 2.5	1 x 4.0	21.0 x 72	10	
NDC9290	BD25 12010-87G11	4	92.9	53.1	-12.0 -16.5	90	1 x 2.5 1 x 2.0	1 x 4.0	30.0 x 80	237	
ND930T	TD25 12010-44G02	4	92.9	50.3	-0.5 -0.8 -1.5	87	1 x 2.5 1 x 2.0	1 x 4.0	28.0 x 80	234	
ND9306	VQ30DET A2010-38U10	V6	93	30.4	-0.4	58.4	2 x 1.2	1 x 2.5	22.0 x 58	2	
N9550	QR35DE A2010-4W100 A2010-4W110~12	6	95.5	29.6		52.7	2 x 1.2	1 x 2.5	22.0 x 58	1	
N9550X	QR35DE A2010-8J101 A2010-8J110~72	6	95.5	29.6	+0.8	53.8	2 x 1.2	1 x 2.5	22.0 x 58	161	
N9554	VQ40DE 12010-EA200~02	6	95.5	31.6	-2.0 -2.7	55.1	2 x 1.2	1 x 2.5	22.0 x 58	257	
N9603	TB42 12010-03J61	6	96	40.5		80	2 x 2.0	1 x 4.0	23.0 x 76	1	
NDC9604	BD30 12010-54T00 12010-54T01	4	96	53.2	-15.0 -20.0	89.5	1 x 2.5 1 x 2.0	1 x 4.0	30.0 x 80	237	
ND961 ND961/6	TD27 TD42 12010-43G02 12010-43G12	4 6	96	50.5	-1.5	87	1 x 2.5 1 x 2.0	1 x 4.0	28.0 x 80	234	
ND961T	TD27 12010-10T02	4	96	50	-1.8	87	1 x 2.5 1 x 2.0	1 x 4.0	28.0 x 80	234	
NDC9606VT NDC9606VT/6	TD27 TD42T 12010-31N02~03 12010-05D00~10	4 6	96	50.3	-0.8 -1.7	87	1 x 2.5k 1 x 2.0	1 x 4.0	30.0 x 80	269	
NDC9606T	TD27T 12010-63G11	4	96	50.5	-1.3 -2.0	87	1 x 2.5k 1 x 2.0	1 x 4.0	30.0 x 80	271	

TOTO Stock No.	Engine Model	Part's No.	No.of Cyl.	Cyl. Dia.	Piston		Pistonring		Piston Pin	Head Type	
					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
ND9607T ND9607T/6	TD27 TD42	12010-6T000 12010-6T010	4 6	96	50.2	-1.8	86	1 x 2.5 1 x 2.0	1 x 3.0	30.0 x 74	281
ND9607XT ND9607XT/6	TD27 TD42	12010-10T05	4 6	96	50.2	-1.7	86	1 x 2.5 2 x 2.0	1 x 3.0	30.0 x 74	269
ND9608T ND9608T/6	TD27 TD42	A2010-7F406 A2010-7F411 A2010-9C626	4 6	96	50.5	-1.5	74	1 x 2.5k 1 x 2.0	1 x 3.0	30.0 x 80	271
NDC9609T	BD30T	12010-69T05 12010-69T06	4	96	53.1	-9.1 -21.4	89.6	1 x 2.5k 1 x 2.0	1 x 3.0	33.0 x 78	305
NDC9610T	ZD30DDTI	12010-VK600 12010-VK610	4	96	50.1	-9.6 -19.6	74.1	1 x 2.5k 1 x 2.0	1 x 3.0	33.0 x 78	305
NDC9610BT	ZD30DDTI	12010-VC101~2 12010-VC111~2	4	96	50.1	-9.6 -19.6	74.1	1 x 2.5k 1 x 2.0	1 x 2.0	33.0 x 78	305
NDC9613T	ZD30DDTI	12010-DB000 12010-DB010	4	96	50.1	-8.7 -18.2	78.1	1 x 2.5k 1 x 2.0	1 x 2.0	33.0 x 78	305
ND980	ED30	12010-J2000 12010-J2001	4	98	59	-0.9 -1.7	103	1 x 3.0 2 x 2.0	1 x 4.5	32.0 x 85	111
ND980B	ED30	12010-J5571	4	98	59	-0.9 -1.7	103	1 x 3.0 1 x 2.0	1 x 4.5	32.0 x 85	111
N9804	VK56DE	12010-7S000~02 A2010-7S000	8	98	31.6	-2.2 -4.2	52	2 x 1.5	1 x 2.5	22.0 x 60	337
N1014	TB45DE	A2010-VB061 A2010-VB00A	6	99.5	40.3		80	1 x 2.0 1 x 1.5	1 x 4.0	23.0 x 61	1
N1015	TB48DE	A2010-VC200~204 A2010-VC20A~24A	6	99.5	40.3		80	1 x 2.0 1 x 1.5	1 x 4.0	23.0 x 61	1
ND1001 (ND1033)	ED33	12010-J6500 12010-J6501 12010-T9000 12010-T9010 12010-T9020	4	100	59	-0.4 -2.1	103	1 x 3.0 1 x 2.0	1 x 4.5	34.0 x 85	111
ND1001T (ND1033T)	ED33	12010-02T10	4	100	59	-0.5 -2.0	103	1 x 3.0 1 x 2.0	1 x 4.5	34.0 x 85	111
ND1001XT (ND1033XT)	FD33T	12010-T9300	4	100	59.2	-8.1 -20.8	103	1 x 3.0k 1 x 2.0	1 x 4.5	34.0 x 85	162

TOTO Stock No.	Engine Model	Part's No.	No.of Cyl.	Cyl. Dia.	Piston		Pistonring		Piston Pin	Head Type	
					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
ND1002	FD6	12011-Z5576	6	100	65.5	-11.0 -21.0	109.5	1 x 3.0 1 x 2.0	1 x 4.5	34.0 x 85	210
ND1002X	FD6	12011-Z5512	6	100	65.5	-11.0 -18.8	109.5	1 x 3.0 1 x 2.0	1 x 4.5	34.0 x 85	210
ND1003T	FD6T	12011-Z5600	6	100	65.5	-11.0 -18.5	109.5	1 x 3.0k 1 x 2.0	1 x 4.5	34.0 x 85	210
ND1003XT	FD6T	12011-Z5502 12011-Z5505	6	100	65.5	-22.0 -11.0	109.5	1 x 3.0 1 x 2.0	1 x 4.5	34.0 x 85	294
ND1003XBT	FD6T	12011-Z5509	6	100	65.5	-21.7	109.5	1 x 3.0k 2 x 2.0	1 x 4.5	34.0 x 85	294
ND1004T	FD6T	12011-Z5572	6	100	65.5	-11.1 -21.8	109.5	1 x 3.0k 1 x 2.0	1 x 4.5	34.0 x 85	294
ND0251 (ND1035)	FD35	12010-01T04/14/64	4	102.5	59.2	-11.0 -17.0	98.2	2 x 2.0	1 x 4.0	34.0 x 85	162
ND0251T (ND1035T)	FD35	12010-01T03/13/63	4	102.5	59.2	-11.0 -16.0	98.2	1 x 3.0k 1 x 2.0	1 x 4.0	34.0 x 85	162
ND0252T (ND1037T)	ED35	12010-56T12	4	102.5	59	-0.5 -4.0		1 x 3.0 1 x 2.0	1 x 4.0	34.0 x 85	238
ND1089T	FE6T	12011-Z5702	6	108	65.5	-20.0	103.5	1 x 3.0k 1 x 2.0	1 x 4.0	36.0 x 93	210
ND1089XT	FE6T	12011-Z5615 12011-Z5801	6	108	65.5	-22.0	103.5	1 x 3.0 1 x 2.0	1 x 4.0	36.0 x 93	210
ND1089BXT	FE6T	12011-Z5768	6	108	65.6	-22.0	103.5	1 x 2.5k 1 x 2.0	1 x 4.0	36.0 x 93	210
ND1089VT	FE6T	12011-Z5968	6	108	65.5	-21.0	103.5	1 x 2.5k 1 x 2.0	1 x 4.0	36.0 x 90	314
ND1090T	FE6T	12011-Z5507	6	108	65.5	-13.6 -21.2	103.5	1 x 2.5k 1 x 2.0	1 x 4.0	36.0 x 93	210
ND1091T	FD46	12010-0T302 12010-0T312	4	108	59.2	-10.4 -22.2	87.1	1 x 3.0 1 x 2.0	1 x 4.0	36.0 x 93	296
NDC1091XT	FD46	12010-0T311	4	108	59.2	-10.4 -22.2	87.1	1 x 3.0 1 x 2.0	1 x 4.0	36.0 x 93	302

TOTO Stock No.	Engine Model	Part's No.	No.of Cyl.	Cyl. Dia.	Piston		Pistonring		Piston Pin	Head Type	
					Comp.	Dist.	Length	Comp.	Oil		Dia x Length
NISSAN											
NDC1092T	FD42	12010-0T005 12010-0T015	4	108	87.1	-8.0 -21.6	59.2	1 x 3.0 1 x 2.0	1 x 4.0	36.0 x 93	210
ND0806T	FE6T	12011-Z5776	6	108	65.5	-20.2	103.5	1 x 2.5k 1 x 2.0	1 x 4.0	36.0 x 93	314
UD110	UD3	12010-90000	3	110	90		155	4 x 3.0	2 x 4.8	38.0 x 94.2	4
UD110/4	UD4		4								
UD110/5	UD5		5								
UD110/6	UD6		6								
UD110/8	UD8		8								
ND1101	ND6	12011-95000	6	110	68.3	-23.0	113.3	1 x 4.0 1 x 3.0	1 x 5.0	36.0 x 95	60
ND1101T	ND6T	12011-95004	6	110	68.3	-23.0	113.3	1 x 4.0 1 x 3.0	1 x 5.0	36.0 x 95	60
ND1107T	NE6T	12011-95074	6	110	68.3	-12.0 -21.0	110.2	1 x 3.0k 1 x 2.5	1 x 4.0	36.0 x 95	59
ND1107HT	NE6	12011-95073	6	110	68.3	-12.0 -20.2	110.2	1 x 3.0k 1 x 2.5	1 x 4.0	36.0 x 95	59
ND1107LT	NE6	12011-95105	6	110	68.4	-1.2 -23.2	110.2	1 x 3.0k 1 x 2.5	1 x 4.0	36.0 x 95	255
ND1119T	NE6T	12011-94114	6	110	68.3	-27.8	110.3	1 x 3.0k 1 x 2.5	1 x 4.0	38.0 x 92.5	296
ND1250T	PD6	12011-96000 12011-96007	6	125	82	-29.7	132	1 x 5.0 1 x 3.5	1 x 5.0	46.0 x 108	162
ND1250BT	PD6T	12011-96005 12011-96009	6	125	82	-29.7	132	1 x 4.0k 1 x 3.5	1 x 5.0	46.0 x 108	60
ND1330	PE6	12011-96508	6	133	82	-31.6	132	1 x 4.0 1 x 3.0	1 x 6.0	46.0 x 115	60
ND1330T	PE6T	12011-96565	6	133	82	-15.3 -32.3	132	1 x 4.0k 1 x 3.5	1 x 6.0	46.0 x 116	60
ND1330XT	PE6T	12011-96509 12011-96776	6	133	82	-15.2 -32.4	132	1 x 4.0k 1 x 3.5	1 x 6.0	46.0 x 116	294
ND1350T	RD8	12011-97004	V8	135	82	-1.7 -27.7	137	1 x 4.0 1 x 3.0	1 x 6.0	46.0 x 115	60
ND1350T/10	RD10	12011-97006	V10								
		12011-97012									
		12011-97079									

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