

# TOYOTA TECHNICAL SERVICE BULLETIN

REF.: SUSPENSION  
 NO.: SU003-96  
 DATE: MARCH 29, 1996  
 MODEL: ALL MODELS

## 1996 MY WHEEL ALIGNMENT SPECIFICATIONS

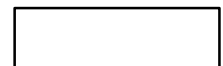
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For your reference listed are the alignment specifications for all 1996 model year vehicles.

MODEL	FRONT					REAR			
	TOTAL TOE			CAMBER	CASTER	TOTAL TOE			CAMBER
	DEG	IN	MM	DEG	DEG	DEG	IN	MM	DEG
Supra	0 ±0.2	0 ±0.08	0 ± 2	-0.33 ±0.75	3.33 ±0.75	0.3 ±0.2	0.12 ±0.08	3 ± 2	-1.58 ±0.75
Supra (Turbo)	0 ±0.2	0 ±0.08	0 ± 2	-0.50 ±0.75	3.50 ±0.75	0.3 ±0.2	0.12 ±0.08	3 ± 2	-1.50 ±0.75
Camry	0 ±0.2	0 ±0.08	0 ± 2	-0.58 ±0.75	1.17 ±0.75	0.4 ±0.2	0.16 ±0.08	4 ± 2	-0.43 ±0.75
Camry Wagon	0 ±0.2	0 ±0.08	0 ± 2	-0.58 ±0.75	1.08 ±0.75	0.4 ±0.2	0.16 ±0.08	4 ± 2	-0.25 ±0.75
Celica (7A-FE)	0 ±0.2	0 ±0.08	0 ± 2	-0.85 ±0.75	2.10 ±0.75	0.35 ±0.2	0.14 ±0.08	3.5 ± 2	-1.27 ±0.75
Celica (5S-FE)	0 ±0.2	0 ±0.08	0 ± 2	-0.77 ±0.75	2.10 ±0.75	0.35 ±0.2	0.14 ±0.08	3.5 ± 2	-1.17 ±0.75
Corolla	0.1 ±0.2	0.04 ±0.08	1 ± 2	-0.18 ±0.75	1.32 ±0.75	0.4 ±0.2	0.16 ±0.08	4 ± 2	-0.92 ±0.75
Tercel	0.1 ±0.2	0.04 ±0.08	1 ± 2	-0.33 ±0.75	1.33 ±0.75	0.3 ±0.3	0.12 ±0.12	3 ± 3	-0.5 ±0.75
Paseo	0.1 ±0.2	0.04 ±0.08	1 ± 2	-0.42 ±0.75	1.50 ±0.75	0.33 ±0.33	0.13 ±0.13	3.4 ±3.4	-0.5 ±0.75
Previa (2WD)	0.2 ±0.4	0.08 ±0.08	2 ± 2	0.08 ±0.50	5.50 ±0.50	0	0	0	0
Previa (4WD)	0.3 ±0.4	0.12 ±0.08	3 ± 2	0.25 ±0.50	5.33 ±0.50	0	0	0	0
Land Cruiser	0.2 ±0.4	0.16 ±0.16	2 ± 2	1.00 ±0.75	3.0 ±1	0	0	0	0
Avalon	0 ±0.2	0 ±0.08	0 ± 2	-0.58 ±0.75	1.17 ±0.75	0.4 ±0.2	0.16 ±0.08	4 ± 2	-0.75 ±0.75
RAV4 (2WD)	0 ±0.17	0 ±0.08	0 ± 2	-0.33 ±0.75	1.42 ±0.75	0.33 ±0.17	0.16 ±0.08	4 ± 2	-1.33 ±0.75
RAV4 (4WD)	0 ±0.17	0 ±0.08	0 ± 2	-0.25 ±0.75	1.33 ±0.75	0.25 ±0.17	0.12 ±0.08	3 ± 2	-1.08 ±0.75

MODEL		TIRE SIZE	FRONT				
			TOTAL TOE			CAMBER	CASTER
			DEG	IN	MM	DEG	DEG
Tacoma (2WD)	RZN140L	--	0.20 ±0.20	0.080 ±0.08	2.0 ±2	0.07 ±0.75	0.55 ±0.75
	RZN150L	--	0.20 ±0.20	0.080 ±0.08	2.0 ±2	0.07 ±0.75	0.83 ±0.75
	VZN150L	--	0.20 ±0.20	0.080 ±0.08	2.0 ±2	0.07 ±0.75	0.70 ±0.75
Tacoma (4WD)	RZN161L-TRMDKAB	P225	0.10 ±0.20	0.055 ±0.08	1.4 ±2	0.17 ±0.75	1.95 ±0.75
		31x10.5	0.10 ±0.15	0.059 ±0.08	1.5 ±2	0.17 ±0.75	1.95 ±0.75
	RZN161L-TRPDKAB	P225	0.10 ±0.20	0.063 ±0.08	1.6 ±2	0.18 ±0.75	1.95 ±0.75
		31x10.5	0.10 ±0.15	0.071 ±0.08	1.8 ±2	0.18 ±0.75	1.95 ±0.75
	VZN160L-TRMDKAB	P225	0.10 ±0.20	0.055 ±0.08	1.4 ±2	0.17 ±0.75	1.98 ±0.75
		31x10.5	0.10 ±0.15	0.059 ±0.08	1.5 ±2	0.17 ±0.75	1.98 ±0.75
	RZN171L-CRMDKAB	P225	0.10 ±0.20	0.067 ±0.08	1.7 ±2	0.22 ±0.75	2.22 ±0.75
		31x10.5	0.10 ±0.15	0.075 ±0.08	1.9 ±2	0.22 ±0.75	2.22 ±0.75
	RZN171L-CRPDKAB	P225	0.20 ±0.20	0.075 ±0.08	1.9 ±2	0.23 ±0.75	2.22 ±0.75
		31x10.5	0.20 ±0.15	0.087 ±0.08	2.2 ±2	0.23 ±0.75	2.22 ±0.75
	VZN170L-CRMDKAB	P225	0.10 ±0.20	0.071 ±0.08	1.8 ±2	0.22 ±0.75	2.32 ±0.75
		31x10.5	0.15 ±0.10	0.079 ±0.08	2.0 ±2	0.22 ±0.75	2.32 ±0.75
	VZN170L-CRPDKAB	P225	0.10 ±0.20	0.067 ±0.08	1.7 ±2	0.20 ±0.75	2.33 ±0.75
		31x10.5	0.10 ±0.15	0.071 ±0.08	1.8 ±2	0.20 ±0.75	2.33 ±0.75
	VZN170L-CRMGKAB	P225	0.10 ±0.20	0.071 ±0.08	1.8 ±2	0.22 ±0.75	2.30 ±0.75
		31x10.5	0.15 ±0.10	0.079 ±0.08	2.0 ±2	0.22 ±0.75	2.30 ±0.75
	VZN170L-CRPGKAB	P225	0.20 ±0.20	0.083 ±0.08	2.1 ±2	0.25 ±0.75	2.28 ±0.75
		31x10.5	0.20 ±0.15	0.079 ±0.08	2.3 ±2	0.25 ±0.75	2.28 ±0.75
4Runner	--	225/75R15	0.16 ±0.20	0.060 ±0.08	1.6 ±2	-0.22 ±0.75	3.37 ±0.75
		265/70R16	0.20 ±0.20	0.070 ±0.08	2.0 ±2	0.17 ±0.75	2.64 ±0.75

**NOTE:** Values for Rear Total Toe and Camber are "0".



MODEL		TIRE SIZE	FRONT					
			TOTAL TOE			CAMBER	CASTER	
			DEG	IN	MM	DEG	DEG	
T100	2wd Standard (0.5 ton) 3RZ, 5RZ E/G	--	0.19 ±0.2	0.09 ±0.08	2.4 ±2	0.40 ±0.75	2.47 ±0.75	
	2wd Standard (0.5 ton) 5VZ E/G	--	0.55 ±0.2	0.28 ±0.08	7.0 ±2	0.37 ±0.75	1.63 ±0.75	
	2wd Xtracab	--	0.33 ±0.2	0.24 ±0.08	6.1 ±2	0.47 ±0.75	2.01 ±0.75	
	4WD Standard	--	0.20 ±0.2	0.11 ±0.08	2.7 ±2	0.58 ±0.75	0.98 ±0.75	
	4wd Xtracab	P235/75R15		0.14 ±0.2	0.07 ±0.08	1.9 ±2	0.67 ±0.75	1.17 ±0.75
		31x10.5R15		0.14 ±0.2	0.08 ±0.08	2.0 ±2	0.67 ±0.75	1.17 ±0.75

**NOTE:** Values for Rear Total Toe and Camber are "0".

