1965-73 TOYOTA SPECIFICATIONS & ADJUSTMENTS

TIRE INFLATION (COLD)

Before attempting to check or adjust wheel alignment, make sure that tires are properly inflated.

Tire Pressure Specifications (psi)

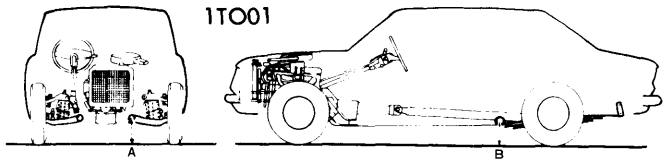
Model Application	Front	Rear
Carina	22	22
Celica	24	24
Corolla	22	24
Corona	26	26
Crown		
Hardtop, Sedan	24	24
Custom Wagon	24	30
Wagon	31	30
Hi-Lux	23	28
Lite Stout	22	36
Mark II		
Hardtop, Sedan	22	22
Wagon	22	26
Stout	26	36
Land Cruiser	26	26

RIDING HEIGHT

Corona & Mark II (RX & MX Models) – Place vehicle on level surface. Bounce several times and allow suspension to settle. Check riding height dimensions (see illustration) and if not within specifications, inspect suspension components. Replace or repair parts as necessary.

Mark II (All Other Models) – Place vehicle on level surface. Install suitable height adjuster (09730-22010) in place on front and rear suspension. Check riding height dimensions. If not within specifications, inspect suspension components. Replace or repair parts as necessary.

Crown – Place vehicle on level surface. Place suitable height adjusters in place for the front and rear (09731-30020 & 09732-30010) suspension and check riding height dimensions (see illustration). If not within specifications, adjust using suitable height adjusters. If there is considerable difference between actual height and specifications check suspension components. Replace or repair parts as necessary.



RIDING HEIGHT DIMENSIONS

Riding Height Specifications

Model Application	A (in.)	B (in.)
Mark II		
RX Sedan & Hardtop	9.88	9.69
RX Wagon	9.84	8.58
MX Sedan & Hardtop	10.39	9.96
MX Wagon	10.35	9.09
All Other Models	10.8	9.3
Corona		
Sedan & Hardtop	9.92	9.01
Wagon	9.92	10.00
Crown		
W/2m Eng.		
Sedan & Hardtop	8.95	9.17
Wagon	8.55	9.50
W/4m Eng.		
Sedan & Hardtop	8.54	8.78
Wagon	8.15	9.09

CASTER

Corolla, Carina, Celica (1971-73) & Land Cruiser (All) – Caster is nonadjustable. If alignment is not within specifications, inspect for damaged parts and replace as necessary.

Stout (1965-69) – Place front wheels on a turning gauge set at zero. Turn front wheels until gauge reads 20°. Wheel to be measured should be turned outward at the front of the wheel. Zero bubble in caster scale. Turn wheels until turned 20° inward at the front and read caster scale. If not within specifications install suitable caster adjusting wedge (48191-35020 or 48192-35020) to bring specifications within limits.

All Other Models – *NOTE – Camber and caster adjustments should always be made in one operation.* If caster not within specifications, adjust by adding or removing shims between the upper arm shaft and the front suspension crossmember. To increase the caster, add shims to rear side of the upper arm shaft mounting bolt or remove shims from the front side of the upper arm shaft mounting bolt. To decrease caster, reverse procedure.

CAMBER

Corolla, Carina, Celica (1971-73) & Land Cruiser (All) – Camber is nonadjustable. If alignment is not within specifications, inspect for damaged parts and replace as necessary.

Stout (1965-69) – Place front wheels on a turning gauge set at zero and check camber angle with camber gauge. If not within specifications, use a front axle aligning tool and correct camber to specifications.

All Other Models – *NOTE – Camber and caster adjustments should always be made in one operation.* If camber not within specifications, adjust by adding or removing shims between the upper arm shaft and the front suspension crossmember. To increase camber, remove shims from upper arm shaft bolts in equal amounts. To decrease camber, reverse procedure.

1965-73 TOYOTA SPECIFICATIONS & ADJUSTMENTS (Cont.)

TOE-IN

Land Cruiser, Hi-Lux (1970-73) & Stout (1965-69) – To adjust toe-in, loosen tie rod clamp bolts at each end of the tie rod. Rotate rod to set toe-in to specifications. Position clamp bolts at right angles to the slot in the tie rod and tighten. Clamps should not project beyond end of adjusting tube.

All Other Models – *NOTE – On Mark II (Exc. RX & MX Models) and Crown models, checking and adjustment is done with height adjusters installed.* To adjust toe-in, loosen tie rod lock nuts or clamps on both tie rods and ensure that the rods are equal lengths. Turn both tie rods same amount to set toe-in to specifications. Tighten lock nuts or clamps making sure clamp slots are aligned with adjusting tube slots except on Lite Stout position clamp bolts at right angle to slot in adjusting tube. Clamps should not project beyond end of adjusting tube.

WHEEL ALIGNMENT SPECIFICATIONS

R – Right **F** – Front **Rr** – Rear **L** – Left **Man** – Man Steering **Pwr** – Power Steering	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Toe-Out On Turns	
				Inner	Outer
1965-72					
Hi-Lux	-1/3°	1°	.24	39°	31 1/2°
Lite Stout	1/2°	1 1/2°	.079	35°	27°
Stout	1 1/4°	2°	.118 to .157	38°	29°
Mark II					
RX Sedan & Hardtop	1/4° ± 1/2° ①	1 1/12° ± 1/2°	.16 to .24	31° ± 1°	32 1/3°
RX & MX Wagon	2/3° ± 1/2° ②	1 1/12° ± 1/2°	.16 to .24	37° ± 1°	32 1/3°
MX Sedan & Hardtop	5/12° ± 1/2° ③	1 7/12° ± 1°	.16 to .24	37° ± 1°	32 1/3°
All Others	1/6° + 3/4° - 1/4° ④	1 1/4° ± 1/2°	.24 to .32 ⑧	40°	32 1/2°
Carina	1° ± 1/2°	1° ± 1/2°	.24 ± .04	38 1/2°	31°
Celica	1° ± 1/2°	1° ± 1/2°	.24 ± .04	38 1/2°	31°
Corolla					
1100	1/4° ± 1/2°	2° ± 1/2°	.08 to .24	37° ± 1/2°	32 1/2° ± 1/2°
1200	1 9/12° ± 5/12°	7/6° ± 1/2°	.04 to .20	40° ± 1 1/2°	33° ± 3°
1600	1 11/12° ± 1/3°	1° ± 1/2°	.04 to .20	40° ± 1 1/2°	30 1/2° ± 3°
Corona	1/3° ± 1/2°	1 1/3° ± 1/2°	.20 ± .04	38 1/2°	31°
Crown					
W/2M Eng					
Sedan & Hardtop	-1/2° ± 1/2°	7/12° ± 1/2°	.16 ± .04	38°	29 1/2°
Wagon	-1/3° ± 1/2°	-1/3° ± 1/2°	.16 ± .04	38°	29 1/2°
W/4M Eng					
Sedan & Hardtop	-3/4° + 3/4° - 1/4° ⑤	5/12° ± 1/2°	.16 ± .04 ⑦	38°	29°
Wagon	11/12° + 3/4° - 1/4° ⑥	5/12° ± 1/2°	.16 ± .04	38°	29°
Land Cruiser	1°	1°	.12 to .20	30°	23°
1973					
Hi-Lux					
Short W/B	-1/3°	1°	.24 ± .01	.....	.....
Long W/B	1/2° ± 3/4°	1 3/8° ± 3/8°	.24 ± .01	.....	.....
Corona	1/3° ± 1/2°	1 1/3°	.20 ± .04	38°	31°
Corona Mk II					
RX Sedan & HT	1/2° ± 1/2°	3/4° ± 1/2°	.16 to .24	37 1/2°	31 5/6°
RX & MX Wagon	2/3° ± 1/2°	3/4° ± 1/2°	.16 to .24	37 1/2°	31 5/6°
Carina & Celica	1° ± 1/2°	1° ± 1/2°	.24 ± .04	39°	32°
Corolla					
1200 Std	1 2/3° ± 1/3°	5/6° ± 1/3°	.06 to .19	40°	33°
1200 Deluxe	2° ± 1/3°	5/6° ± 1/3°	.06 to .19	40°	33°
1600	1 2/3° ± 1/3°	1° ± 1/2°	.06 to .19	40°	30 1/2°
Land Cruiser	1°	1°	.12 to .20	.....	.....

NOTE: Tariffs apply only when new strut bar bushings are installed in vehicle.

① – 1/4° ± 1/2°.
② – 11/12° ± 1/4°.
③ – 11/12° ± 1/2°.
④ – 1° ± 3/4° - 1/4°.
⑤ – 1/6° ± 1/2°.
⑥ – 0 ± 1/2°.
⑦ – .04 ± .04.
⑧ – .08 to .16.