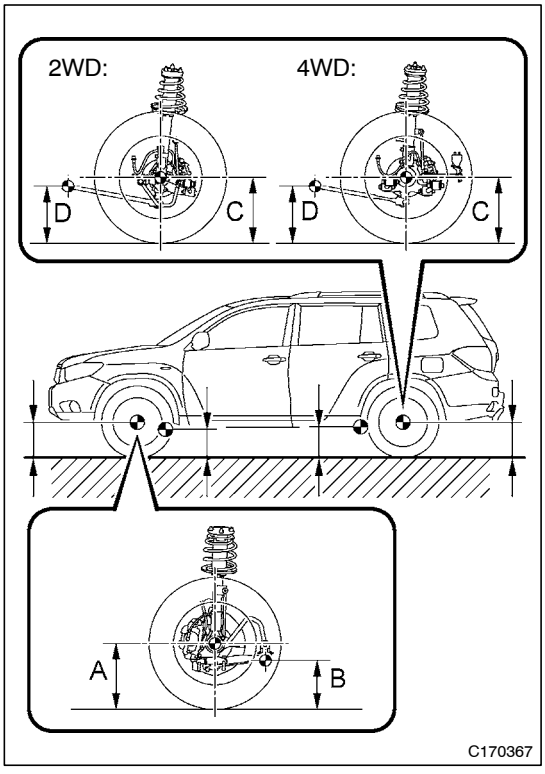
4. WHEEL ALIGNMENT STANDARD

(a) FRONT WHEEL ALIGNMENT



(1) Vehicle height:

Model	Front A - B	Rear C - D
2WD	118.2 mm (4.65 in.)	34.9 mm (1.37 in.)
4WD	118.3 mm (4.66 in.)	33.8 mm (1.33 in.)

NOTICE:
Before inspecting the wheel alignment, adjust the vehicle height to the specified value.
Be sure to perform measurement on a level surface.
If it is necessary to go under the vehicle for measurement, confirm that the parking brake is applied and the vehicle is secured with chocks.

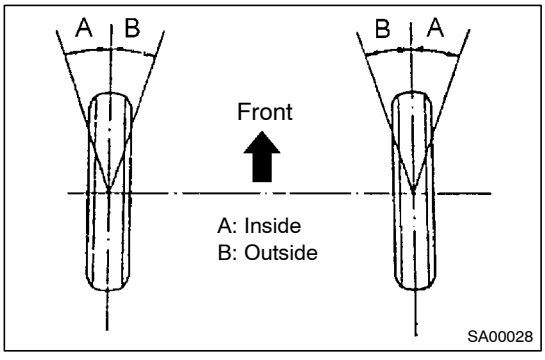
Measuring points:

A: Ground clearance of front wheel center.

B: Ground clearance of No. 1 lower suspension arm bushing set bolt center.

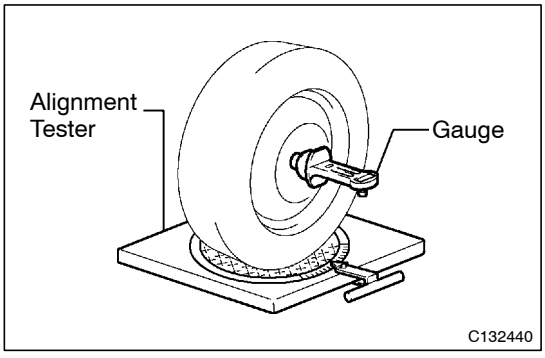
C: Ground clearance of rear wheel center.

D: Ground clearance of strut rod set bolt center.



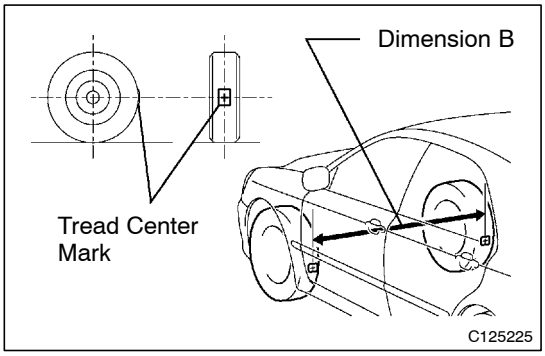
(2) Wheel turning angle:

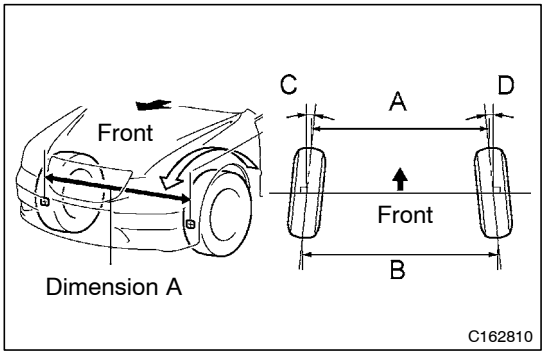
Model	Inside wheel	Outside wheel Reference
2WD	35°07' +/- 2° (35.12° +/- 2°)	31°20' (31.33°)
4WD	35°07' +/- 2° (35.12° +/- 2°)	31°20' (31.33°)



(3) Camber, caster and steering axis inclination:

	2WD	4WD	Right-left difference
Camber Inclination	-0°38' +/- 45' (-0.63° +/- 0.75°)	-0°38' +/- 45' (-0.63° +/- 0.75°)	45' (0.75°) or less
Caster Inclination	2°37' +/- 45' (2.62° +/- 0.75°)	2°37' +/- 45' (2.62° +/- 0.75°)	
Steering Axis Inclination	11°01' +/- 45' (11.02° +/- 0.75°)	11°01' +/- 45' (11.02° +/- 0.75°)	



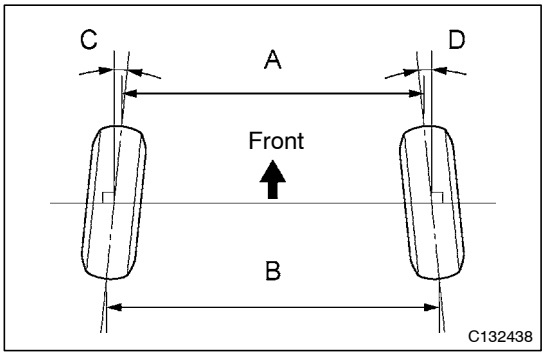


(4) Toe-in:

Item	Specified Condition
Toe-in (total)	C + D: 0°02' +/- 12' (0.04° +/- 0.2°) B - A: 0.9 +/- 2 mm (0.04 +/- 0.08 in.)

HINT:
Measure "B - A" only when "C + D" cannot be measured.

(b) REAR WHEEL ALIGNMENT



(1) toe-in:

Item	Specified Condition
Toe-in (2WD) (total)	C + D: 0°10' +/- 0°12' (0.17° +/- 0.2°) B - A: 3.0 +/- 2.0 mm (0.12 +/- 0.08 in.)
Toe-in (4WD) (total)	C + D: 0°8' +/- 0°12' (0.14° +/- 0.2°) B - A: 3.0 +/- 2.0 mm (0.12 +/- 0.08 in.)

HINT:
Measure "B - A" only when "C + D" cannot be measured.

(2) camber:

—	2WD	4WD	Right-left difference
Camber	-1°00' +/- 45' (-1.00° +/- 0.75°)	-0°36' +/- 45' (-0.60° +/- 0.75')	45' (0.75°) or less

HINT:
Camber is not adjustable. If the measurement is not within the specified range, inspect the suspension parts for damage and/or wear, and replace them if necessary.