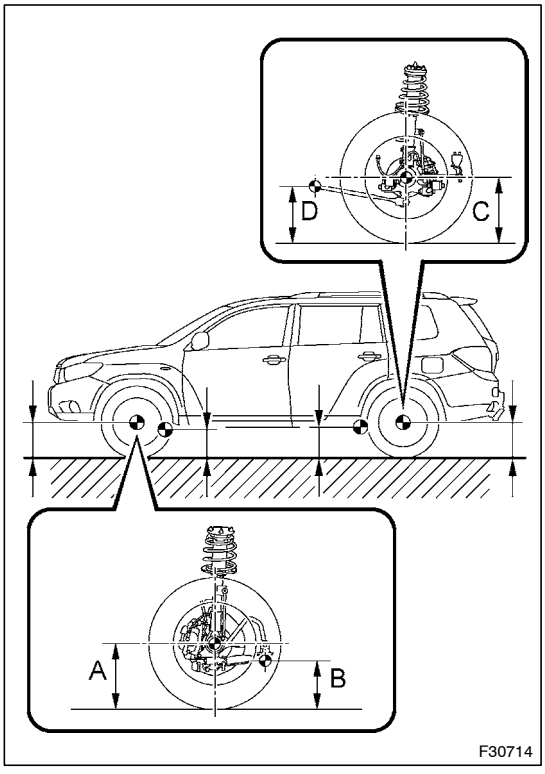
4. WHEEL ALIGNMENT STANDARD

(a) FRONT WHEEL ALIGNMENT



(1) Vehicle height:

Model	Front A - B	Rear C - D
HV (E-4WD)	117.6 mm (4.63 in.)	31.7 mm (1.25 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.**

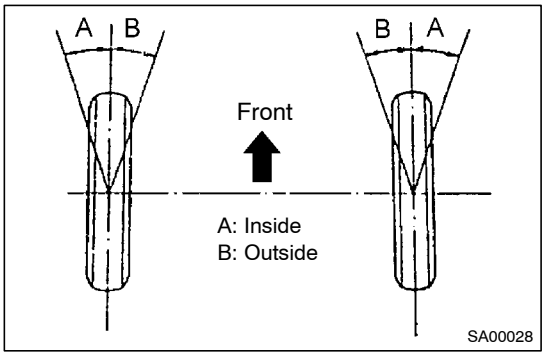
Measuring points:

A: Ground clearance of front wheel center.

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

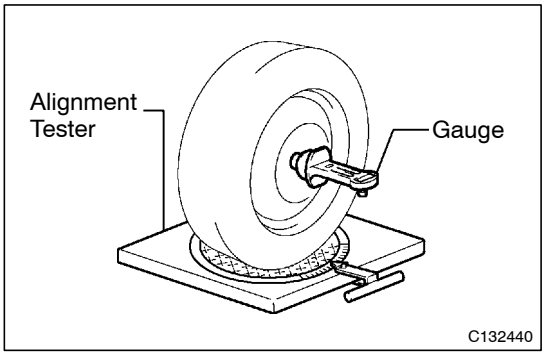
C: Ground clearance of rear wheel center.

D: Ground clearance of strut rod set bolt center.



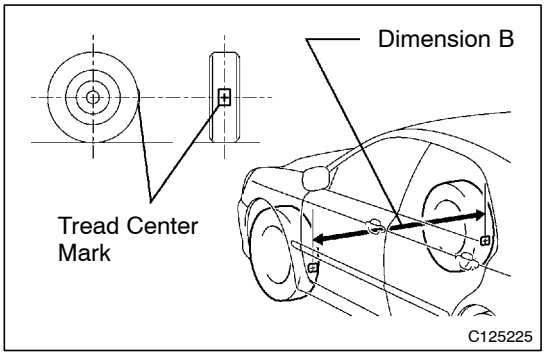
(2) Wheel turning angle:

Model	Inside wheel	Outside wheel Reference
HV (E-4WD)	35°08' +/- 2° (35.13° +/- 2°)	31°22' (31.37°)



(3) Camber, caster and steering axis inclination:

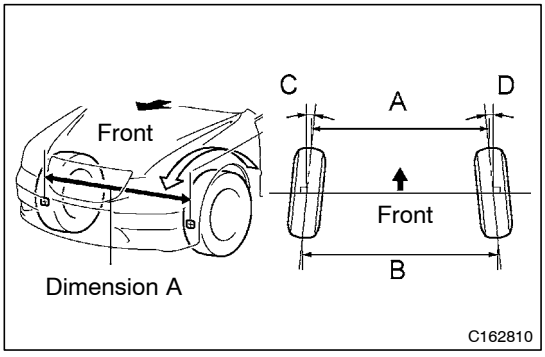
	HV (E-4WD)	Right-left difference
Camber Inclination	-0°38' +/- 45' (-0.63° +/- 0.75°)	45' (0.75°) or less
Caster Inclination	2°35' +/- 45' (2.58° +/- 0.75°)	
Steering Axis Inclination	11°00' +/- 45' (11.00° +/- 0.75°)	



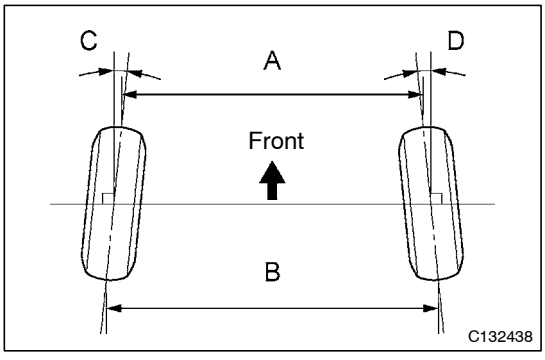
(4) Toe-in:

Item	Specified Condition
Toe-in (total)	C + D: 0°02' +/- 12' (0.04° +/- 0.2°) B - A: 1.0 +/- 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 (E-4WD) (total)	C + D: 0°8' +/- 0°12' (0.14° +/- 0.2°) B - A: 3.5 +/- 2.0 mm (0.14 +/- 0.08 in.)

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

(2) Camber:

—	E-4WD	Right-left difference
Camber	-0°33' +/- 45' (-0.55° +/- 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.