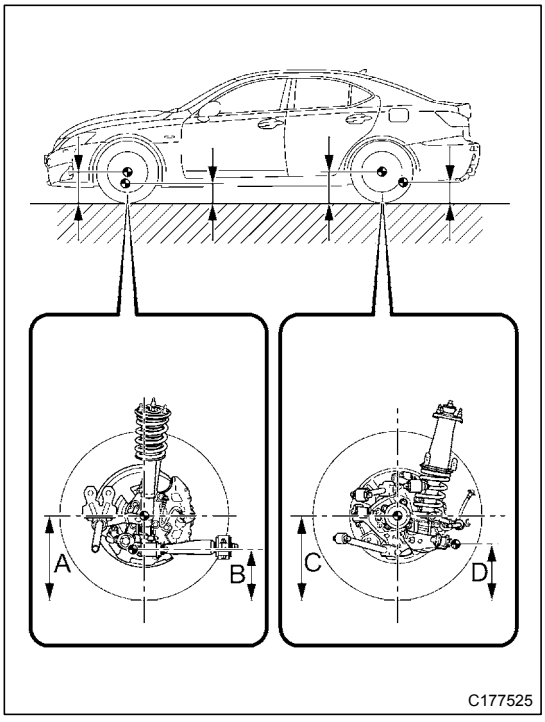
5. WHEEL ALIGNMENT STANDARD

(a) FRONT WHEEL ALIGNMENT



(1) Standard vehicle height:

Front A – B	Rear C – D
131.7 mm (5.19 in.)	112.1 mm (4.41 in.)

Measuring points:

A: Ground clearance of front wheel center.

B: Ground clearance of front center position of front suspension lower arm assembly front bushing installation bolt head.

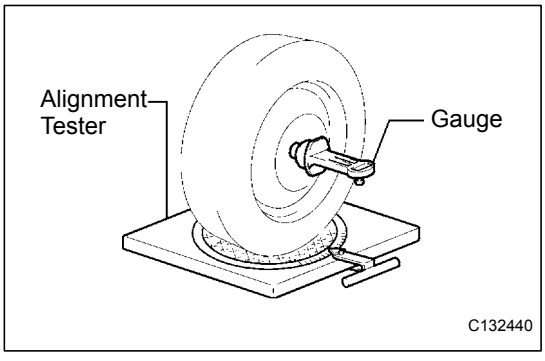
C: Ground clearance of rear center position of rear No. 2 suspension arm bushing installation bolt threads.

D: Ground clearance of rear center position of rear suspension lower arm assembly rear bushing installation bolt head.

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 required to go under the vehicle for measurement, confirm that the parking brake is applied and the vehicle is secured with chocks.**

HINT:
Bounce the vehicle at the corners up and down to stabilize the suspension and inspect the vehicle height.



(2) Standard camber inclination (unloaded):

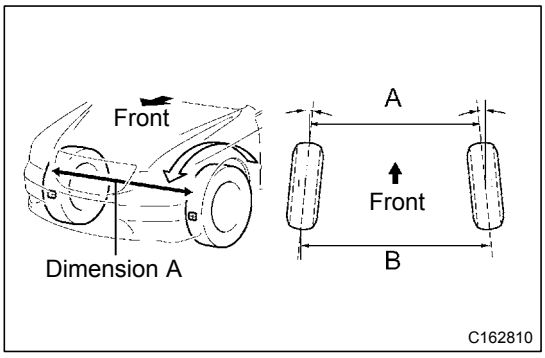
Camber Inclination	
Camber Left - right error	-0_52' +/-45' (-0.87_+/-0.75_)

(3) Standard caster inclination (unloaded)

Caster Inclination	
Caster Left - right error	8_42' +/-45' (8.70_+/-0.75_)

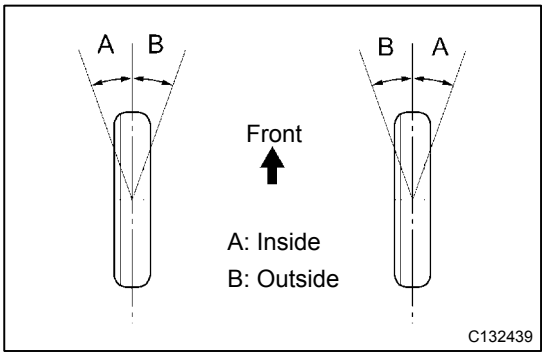
(4) Standard steering axis inclination (unloaded)

Steering axis Inclination	
Caster Left - right error	11_11' +/-45' (11.18_+/-0.75_)



(5) Toe-in:

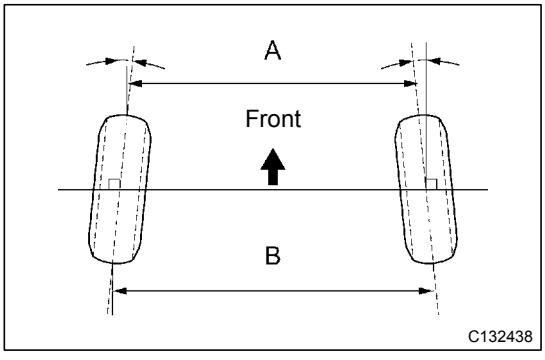
Toe-in (Total)
B - A: 0.18 +/-2 mm (0.00709 +/-0.0787 in.)



(6) Standard wheel turning angle:

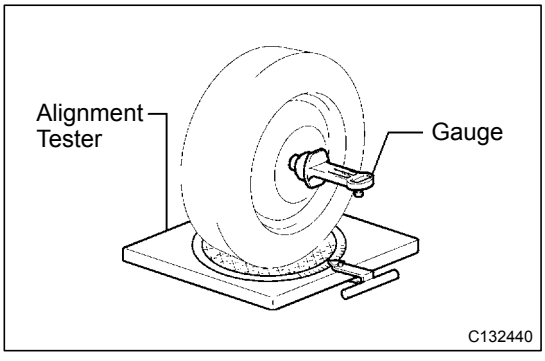
Inside Wheel	Outside Wheel (Reference)
41_48’ +/-2_ (41.8_+/-2_)	35_48’ (35.8_)

(b) REAR WHEEL ALIGNMENT



(1) Standard toe-in:

Toe-in (Total)
B – A: 3 +/-2 mm (0.118 +/-0.0787 in.)



(2) Standard camber inclination (unloaded vehicle):

Camber Inclination
-0_47’ +/-45’ (- 0.78_+/-0.75_)